

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075664.D
 Acq On : 09 Dec 2022 12:57
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 09 13:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 09 13:25:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	216274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	302030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	11371	9.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.580%#		
35) Dibromofluoromethane	8.165	113	10709	7.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.900%#		
50) Toluene-d8	10.571	98	37072	12.215	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	24.440%#		
62) 4-Bromofluorobenzene	12.853	95	13108	5.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.700%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	8892	5.377	ug/l	97
3) Chloromethane	2.371	50	9727	4.727	ug/l	98
4) Vinyl Chloride	2.524	62	12059	4.650	ug/l	99
5) Bromomethane	2.942	94	10638	4.665	ug/l	87
6) Chloroethane	3.112	64	8664	4.409	ug/l #	88
7) Trichlorofluoromethane	3.506	101	17616	4.755	ug/l	91
8) Diethyl Ether	3.977	74	5797	4.464	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	10559	5.163	ug/l	92
10) Methyl Iodide	4.600	142	16046	4.842	ug/l	95
11) Tert butyl alcohol	5.530	59	8858	18.176	ug/l #	79
12) 1,1-Dichloroethene	4.359	96	9081	4.534	ug/l	91
13) Acrolein	4.189	56	9713	22.878	ug/l	96
14) Allyl chloride	5.036	41	11831	4.567	ug/l	97
15) Acrylonitrile	5.730	53	21536	19.261	ug/l	98
16) Acetone	4.448	43	18904	17.457	ug/l	93
17) Carbon Disulfide	4.718	76	23974	4.606	ug/l	100
18) Methyl Acetate	5.042	43	12049	3.759	ug/l #	72
19) Methyl tert-butyl Ether	5.812	73	30201	4.257	ug/l	95
20) Methylene Chloride	5.289	84	11819	4.658	ug/l	83
21) trans-1,2-Dichloroethene	5.795	96	9915	4.344	ug/l	99
22) Diisopropyl ether	6.683	45	25376	4.292	ug/l	97
23) Vinyl Acetate	6.612	43	95530	20.311	ug/l	97
24) 1,1-Dichloroethane	6.577	63	17523	4.618	ug/l	97
25) 2-Butanone	7.489	43	28824	19.066	ug/l	94
26) 2,2-Dichloropropane	7.500	77	14353	4.070	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	11826	4.582	ug/l	96
28) Bromochloromethane	7.818	49	6566	4.263	ug/l #	76
29) Tetrahydrofuran	7.841	42	16499	17.942	ug/l	95
30) Chloroform	7.971	83	18916	4.341	ug/l	91
31) Cyclohexane	8.265	56	18863	5.114	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	17161	4.337	ug/l	96
36) 1,1-Dichloropropene	8.383	75	13328	4.536	ug/l	96
37) Ethyl Acetate	7.571	43	10854	4.102	ug/l	98
38) Carbon Tetrachloride	8.371	117	15905	4.927	ug/l	92
39) Methylcyclohexane	9.606	83	17069	4.641	ug/l	94
40) Benzene	8.612	78	43074	4.788	ug/l	95

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Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5542	4.097	ug/l	96
42) 1,2-Dichloroethane	8.677	62	14877	4.937	ug/l	99
43) Isopropyl Acetate	8.694	43	18097	4.261	ug/l	96
44) Trichloroethene	9.359	130	11953	4.855	ug/l	94
45) 1,2-Dichloropropane	9.624	63	10377	4.840	ug/l	99
46) Dibromomethane	9.712	93	7711	4.755	ug/l	91
47) Bromodichloromethane	9.888	83	14590	4.646	ug/l	100
48) Methyl methacrylate	9.688	41	7897	4.021	ug/l	96
49) 1,4-Dioxane	9.706	88	4112	73.739	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	56130	20.750	ug/l	99
52) Toluene	10.629	92	29136	5.025	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	13686	4.341	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	15835	4.624	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	10764	4.558	ug/l	96
56) Ethyl methacrylate	10.877	69	14124	4.429	ug/l	95
57) 1,3-Dichloropropane	11.165	76	17687	4.594	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	20775	18.063	ug/l	92
59) 2-Hexanone	11.200	43	39905	19.646	ug/l	97
60) Dibromochloromethane	11.365	129	11880	4.901	ug/l	99
61) 1,2-Dibromoethane	11.476	107	10992	4.485	ug/l	97
64) Tetrachloroethene	11.106	164	11560	5.012	ug/l	88
65) Chlorobenzene	11.894	112	30961	4.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	11960	5.138	ug/l	91
67) Ethyl Benzene	11.965	91	51278	4.819	ug/l	100
68) m/p-Xylenes	12.076	106	42308	9.790	ug/l	98
69) o-Xylene	12.400	106	20188	4.702	ug/l	96
70) Styrene	12.412	104	31451	4.643	ug/l	100
71) Bromoform	12.582	173	7448	4.204	ug/l #	93
73) Isopropylbenzene	12.700	105	52358	5.003	ug/l	97
74) N-amyl acetate	12.494	43	14363	4.464	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	15458	4.845	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	13446m	4.965	ug/l	
77) Bromobenzene	12.982	156	13255	5.131	ug/l	79
78) n-propylbenzene	13.035	91	55838	4.781	ug/l	99
79) 2-Chlorotoluene	13.129	91	35097	4.988	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	42235	4.858	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	3110	3.398	ug/l	90
82) 4-Chlorotoluene	13.129	91	35097	4.988	ug/l	94
83) tert-Butylbenzene	13.441	119	39688	5.007	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	42821	4.910	ug/l	98
85) sec-Butylbenzene	13.618	105	51901	4.825	ug/l	99
86) p-Isopropyltoluene	13.735	119	43895	4.851	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	23902	4.883	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	24232	4.873	ug/l	95
89) n-Butylbenzene	14.059	91	33388	4.368	ug/l	98
90) Hexachloroethane	14.335	117	7360	4.714	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	23777	4.983	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2353	3.893	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	10572	4.324	ug/l	95
94) Hexachlorobutadiene	15.500	225	6855	5.382	ug/l	92
95) Naphthalene	15.641	128	28893	3.756	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	10458	4.352	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri Dec 09 13:25:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

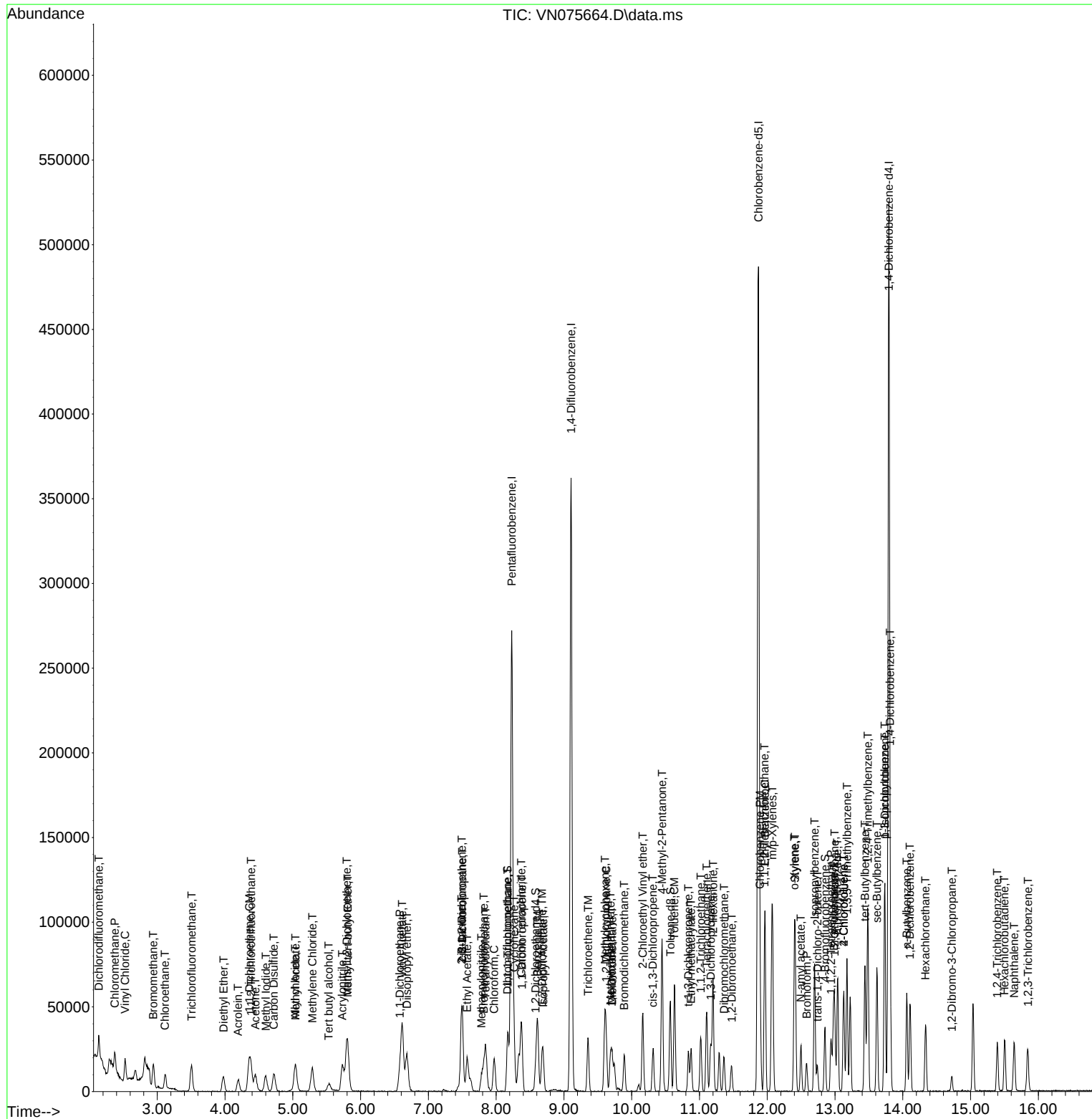
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Data File : VN075664.D
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Sample : VSTDIC005
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ALS Vial : 6 Sample Multiplier: 1

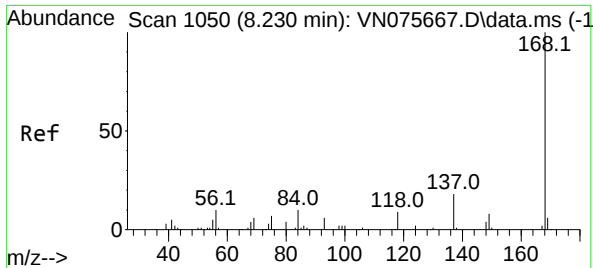
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ClientSampleId :
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Manual Integrations
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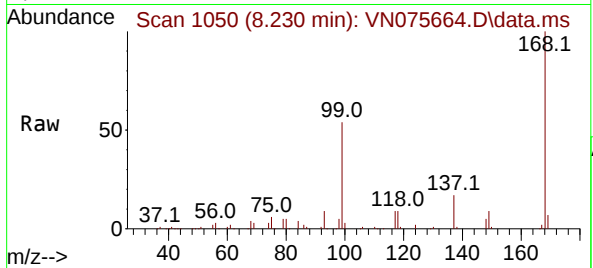
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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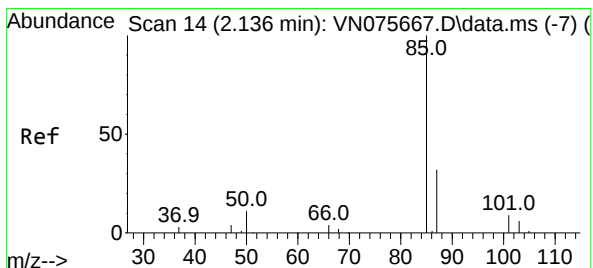
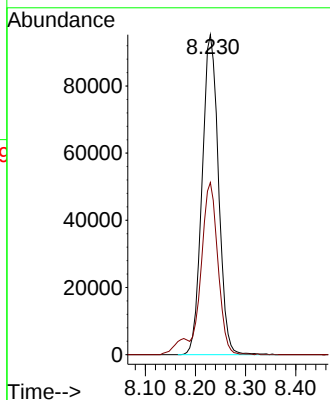
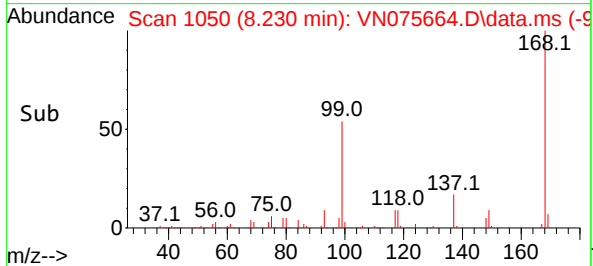
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 216274
Ion Ratio Lower Upper
168 100
99 53.8 51.6 77.4

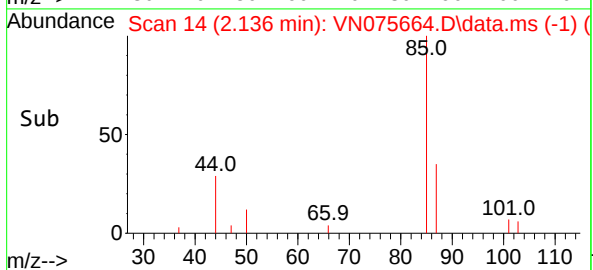
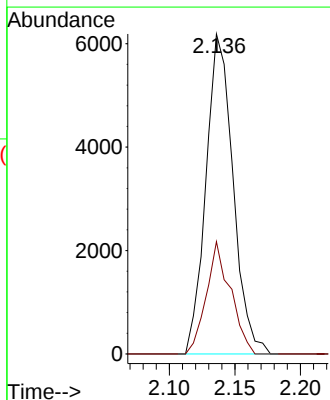
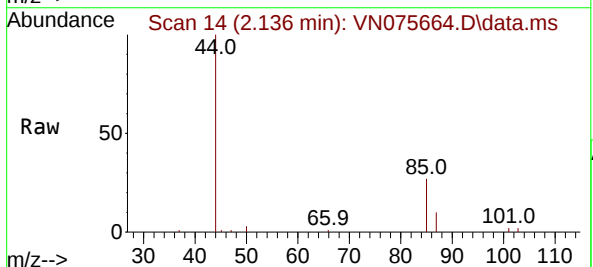
Manual Integrations
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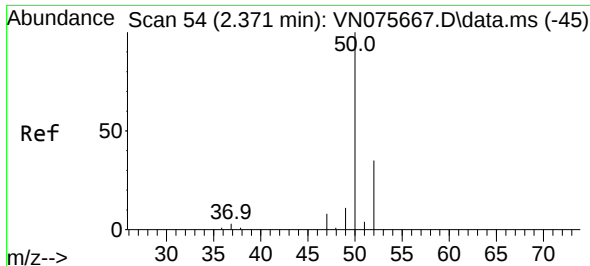
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 5.377 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

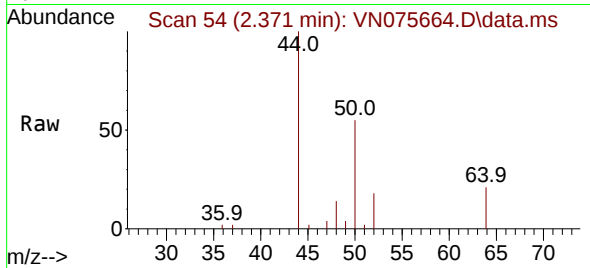
Tgt Ion: 85 Resp: 8892
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.0





#3
Chloromethane
Concen: 4.727 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

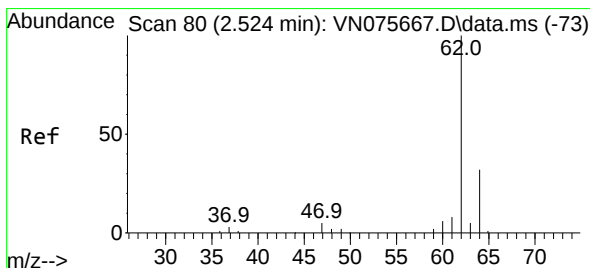
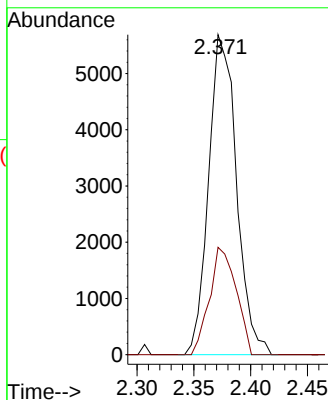
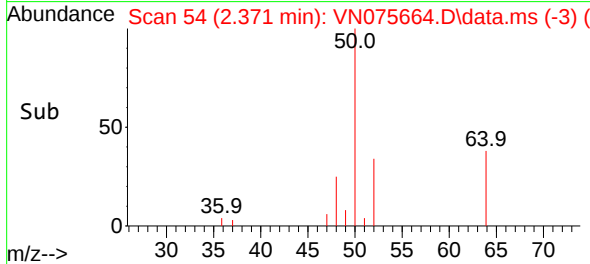
Instrument :
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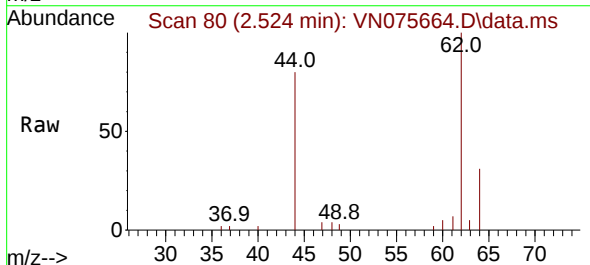
Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

Manual Integrations
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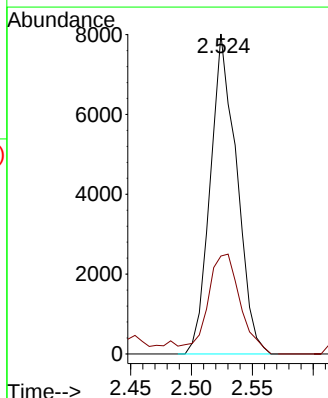
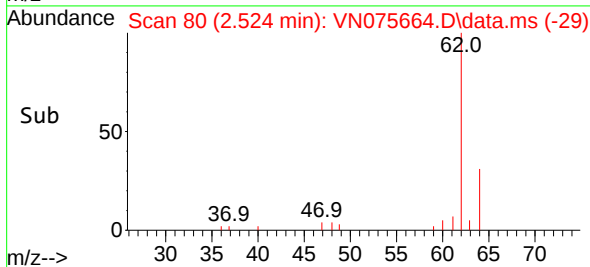
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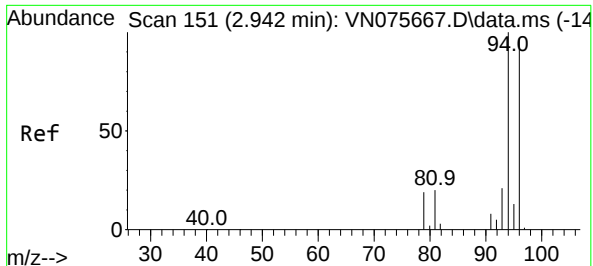


#4
Vinyl Chloride
Concen: 4.650 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



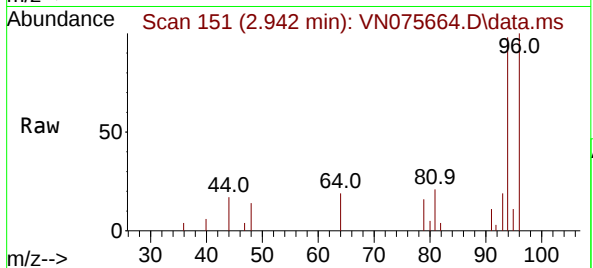
Tgt Ion: 62 Resp: 12059
Ion Ratio Lower Upper
62 100
64 30.6 24.0 36.0





#5
Bromomethane
Concen: 4.665 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

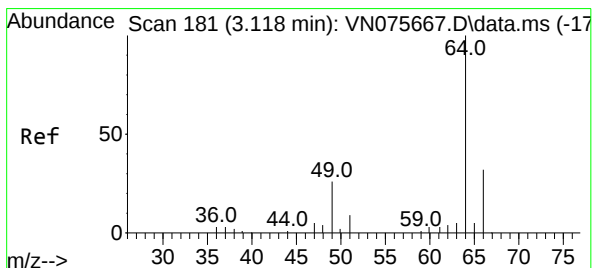
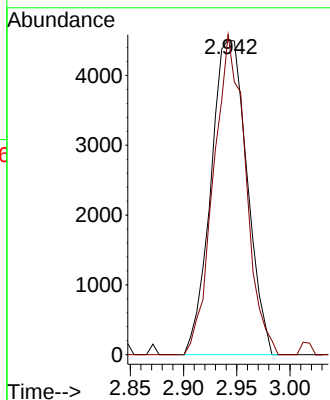
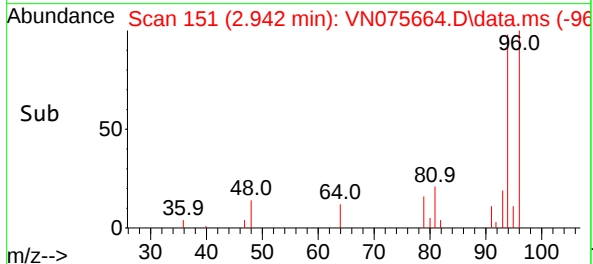
Instrument :
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Tgt Ion: 94 Resp: 10638
Ion Ratio Lower Upper
94 100
96 101.6 71.8 107.6

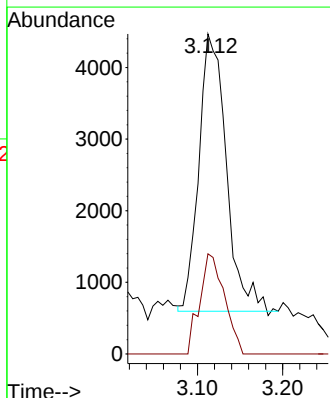
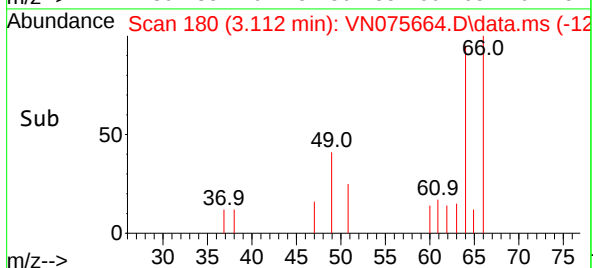
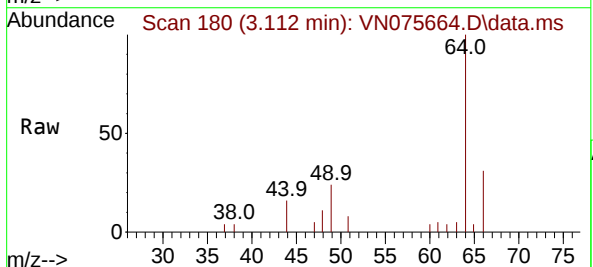
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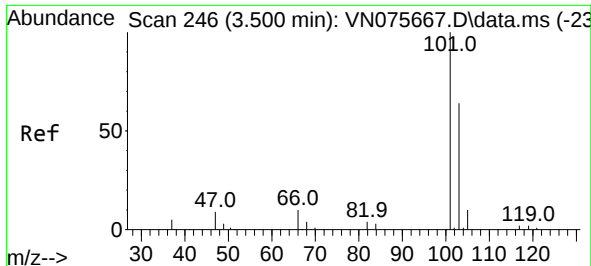
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#6
Chloroethane
Concen: 4.409 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 64 Resp: 8664
Ion Ratio Lower Upper
64 100
66 36.1 23.8 35.8#





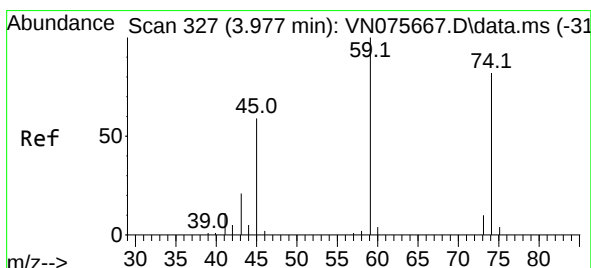
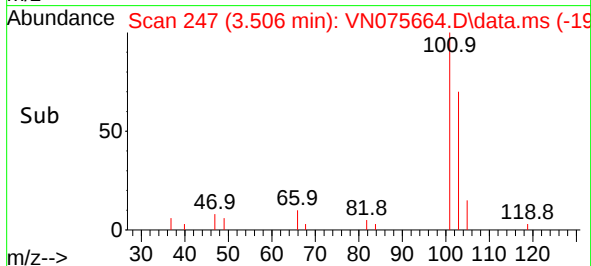
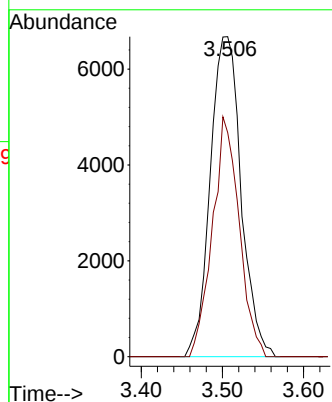
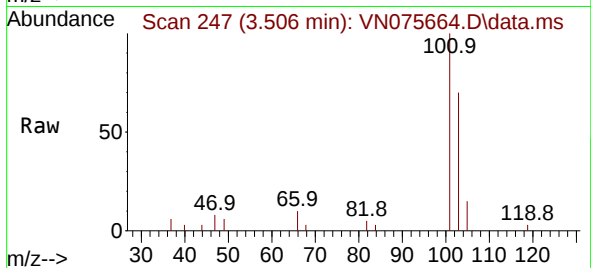
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Trichlorofluoromethane
Concen: 4.755 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 17610
Ion Ratio Lower Upper
101 100
103 70.0 50.5 75.7

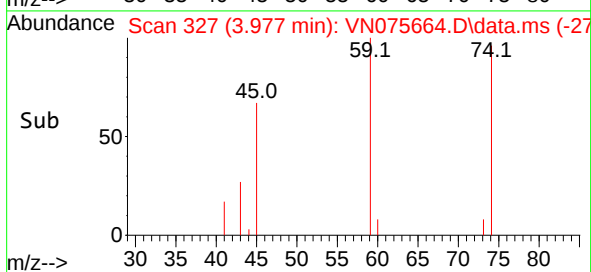
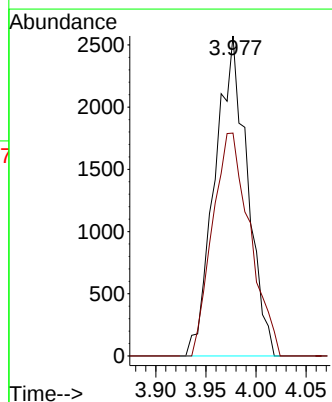
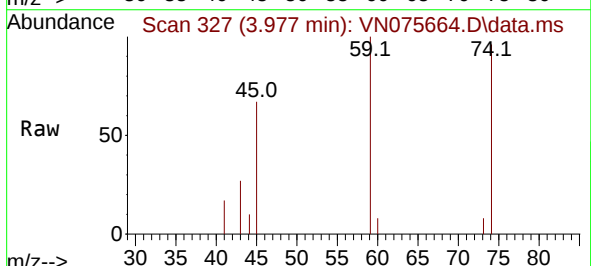
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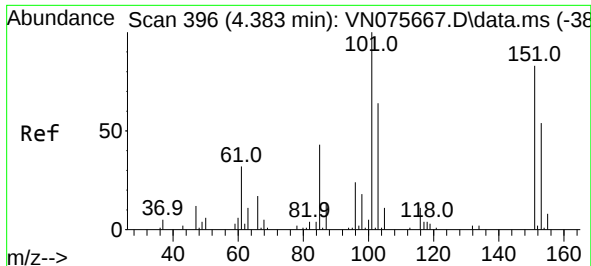
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#8
Diethyl Ether
Concen: 4.464 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

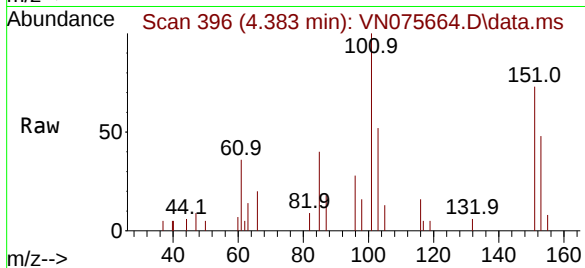
Tgt Ion: 74 Resp: 5797
Ion Ratio Lower Upper
74 100
45 80.3 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.163 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

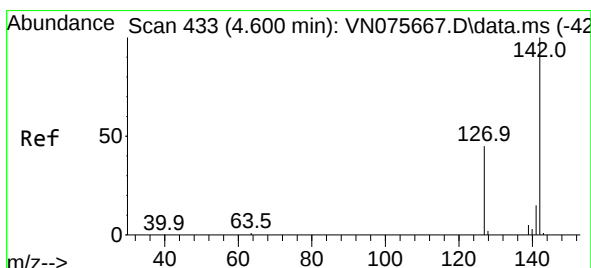
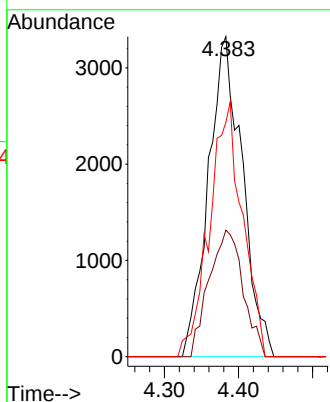
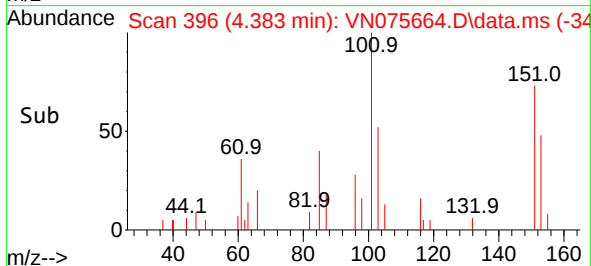
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



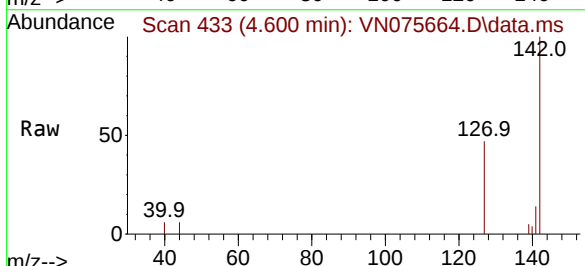
Tgt Ion:101 Resp: 1055
Ion Ratio Lower Upper
101 100
85 39.7 37.6 56.4
151 77.5 58.3 87.5

Manual Integrations
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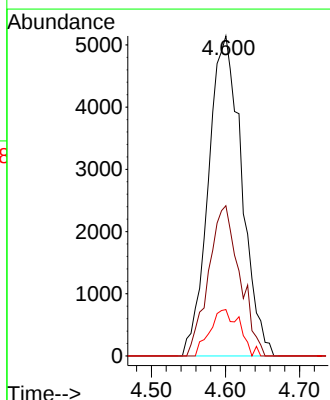
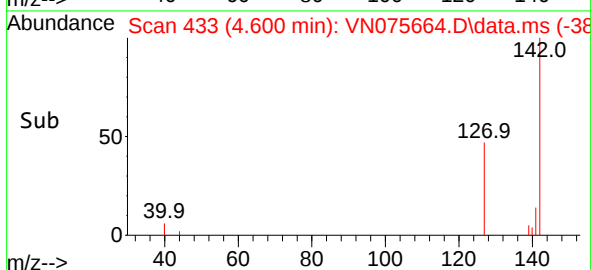
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

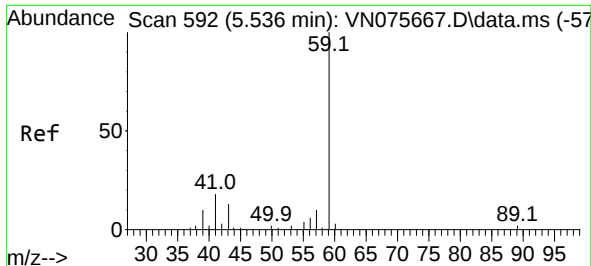


#10
Methyl Iodide
Concen: 4.842 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



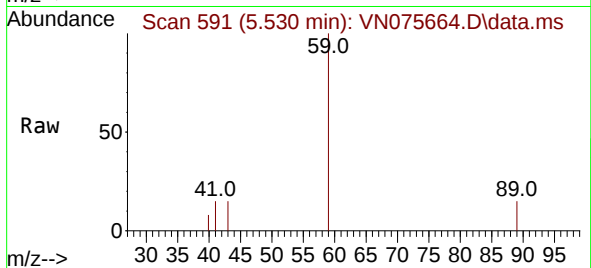
Tgt Ion:142 Resp: 16046
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 18.176 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

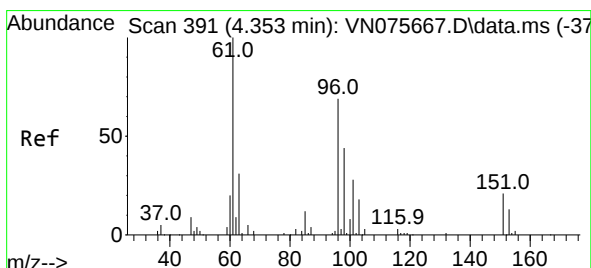
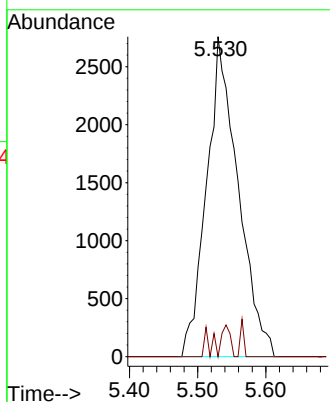
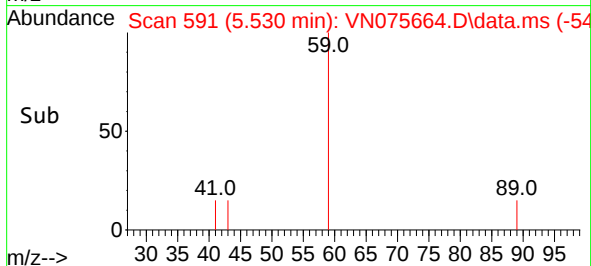
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



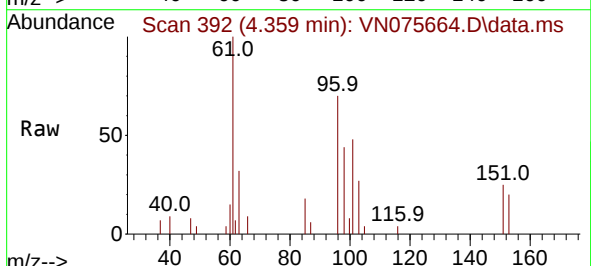
Tgt Ion: 59 Resp: 885
Ion Ratio Lower Upper
59 100
57 2.7 8.5 12.7

Manual Integrations
APPROVED

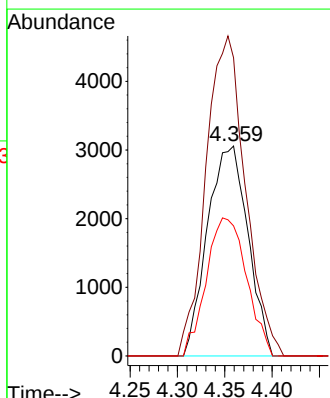
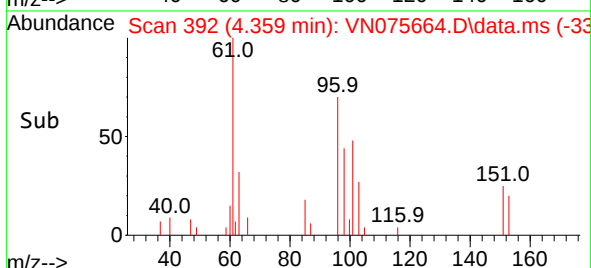
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

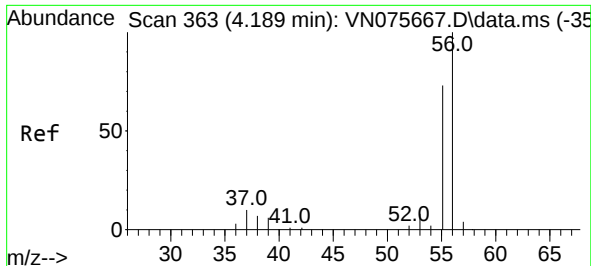


#12
1,1-Dichloroethene
Concen: 4.534 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



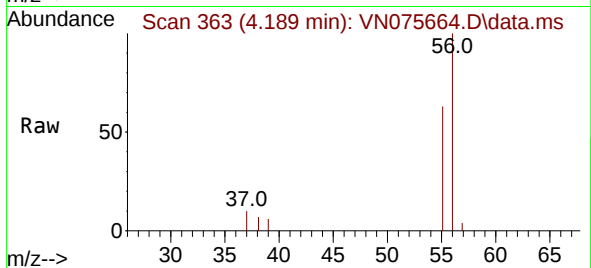
Tgt Ion: 96 Resp: 9081
Ion Ratio Lower Upper
96 100
61 142.0 126.2 189.4
98 62.0 51.5 77.3





#13
Acrolein
Concen: 22.878 ug/l
RT: 4.189 min Scan# 307
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

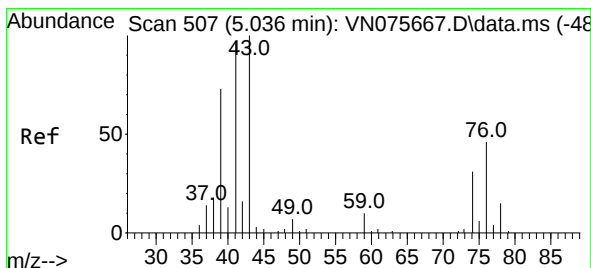
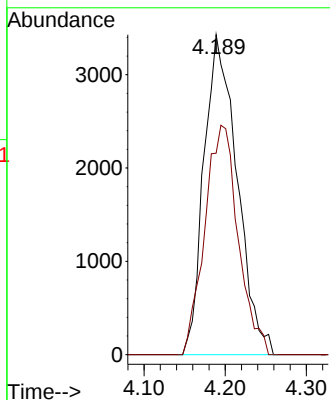
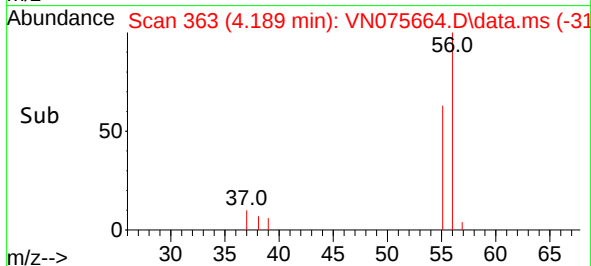
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



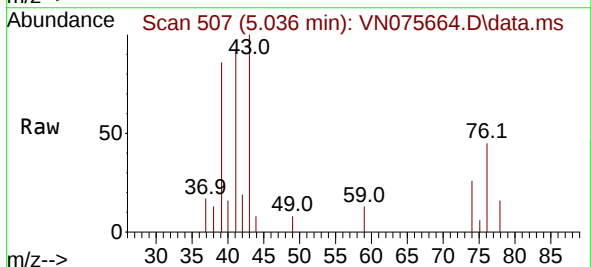
Tgt Ion: 56 Resp: 971
Ion Ratio Lower Upper
56 100
55 72.3 55.2 82.8

Manual Integrations
APPROVED

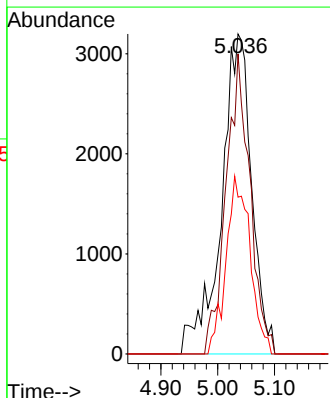
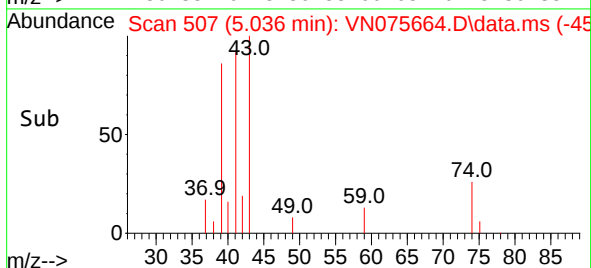
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

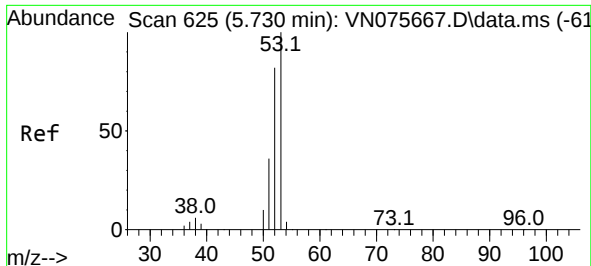


#14
Allyl chloride
Concen: 4.567 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 41 Resp: 11831
Ion Ratio Lower Upper
41 100
39 74.1 61.0 91.4
76 44.1 33.4 50.0





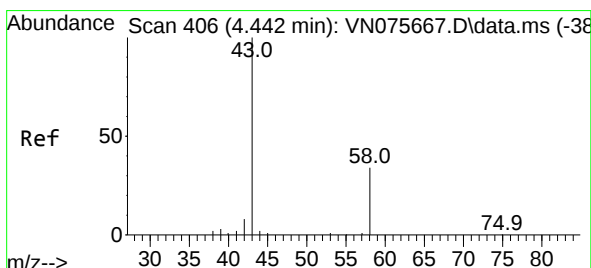
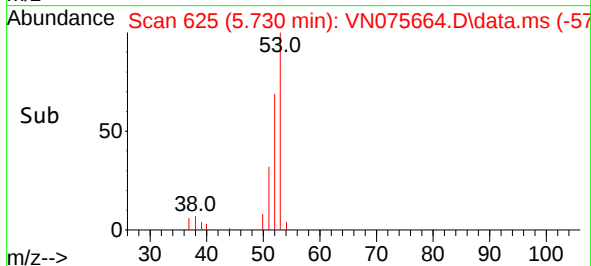
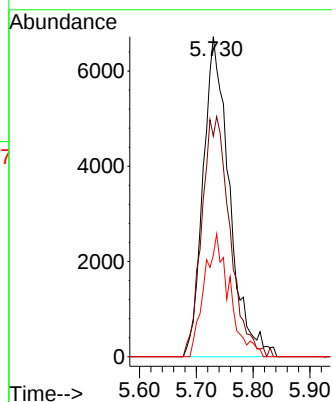
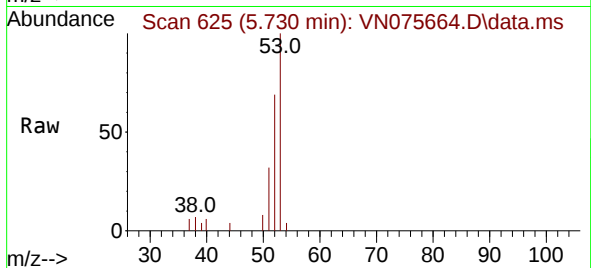
#15
Acrylonitrile
Concen: 19.261 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 53 Resp: 21530
Ion Ratio Lower Upper
53 100
52 80.5 66.4 99.6
51 37.0 29.6 44.4

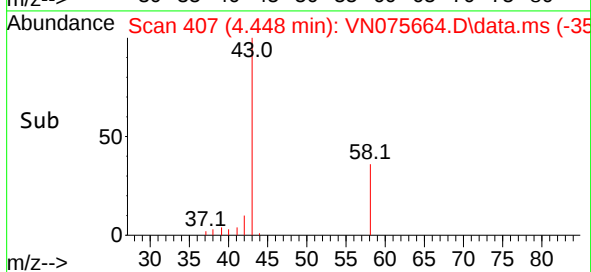
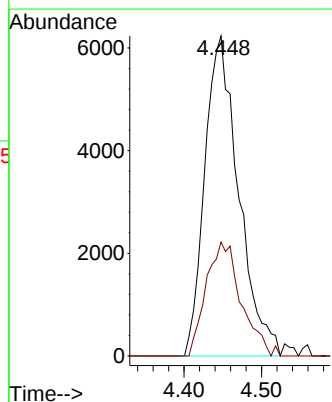
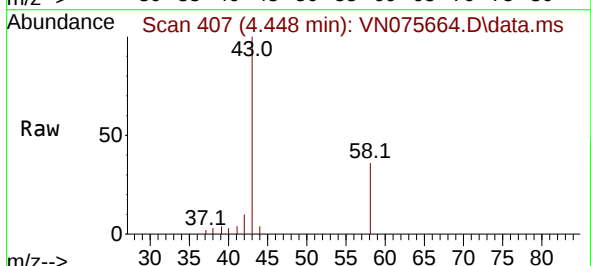
Manual Integrations
APPROVED

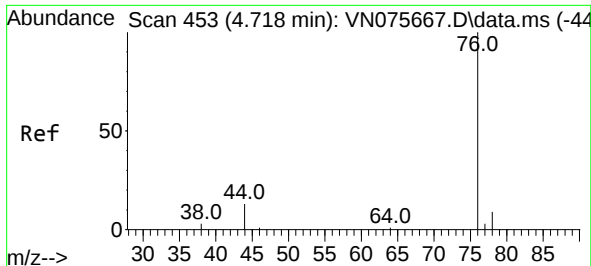
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 17.457 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

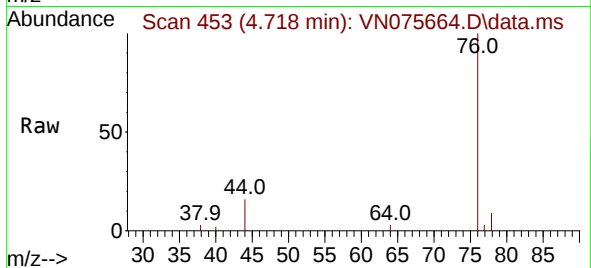
Tgt Ion: 43 Resp: 18904
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





#17
Carbon Disulfide
Concen: 4.606 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

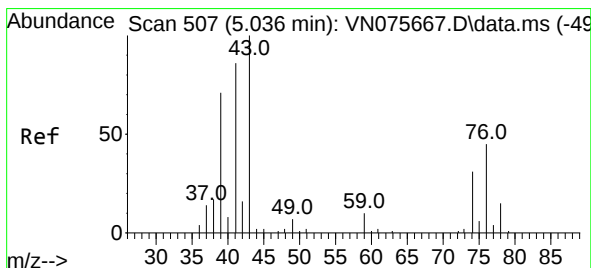
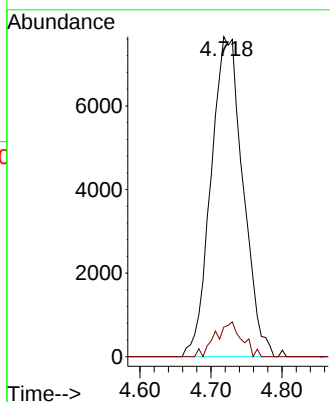
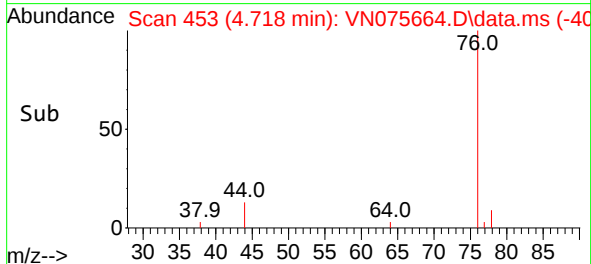
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



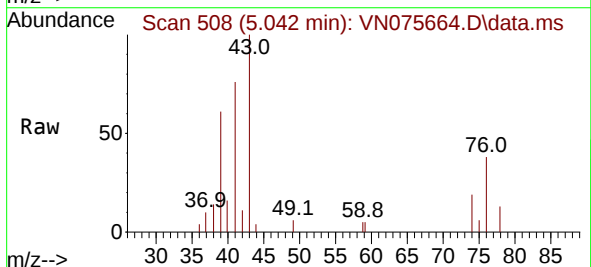
Tgt Ion: 76 Resp: 23974
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
APPROVED

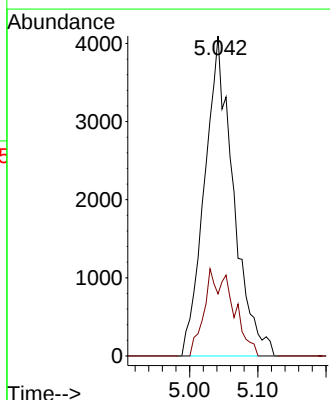
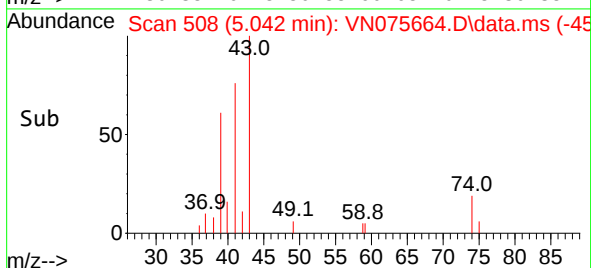
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

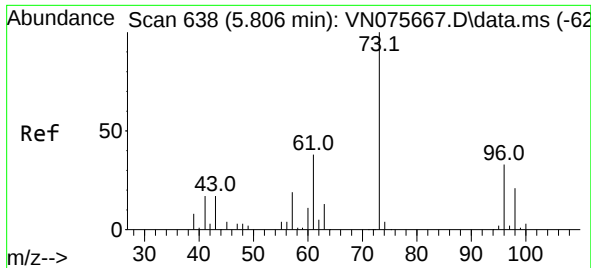


#18
Methyl Acetate
Concen: 3.759 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 43 Resp: 12049
Ion Ratio Lower Upper
43 100
74 13.1 22.0 33.0#





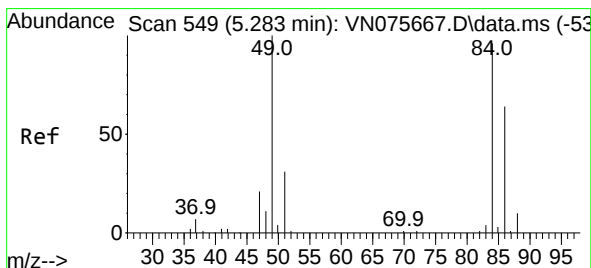
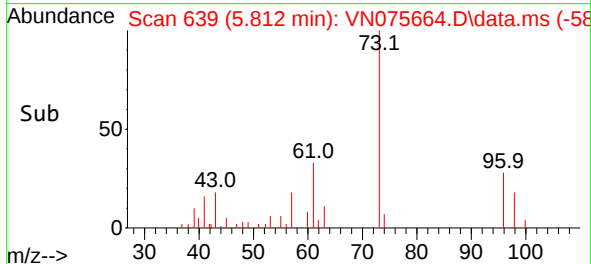
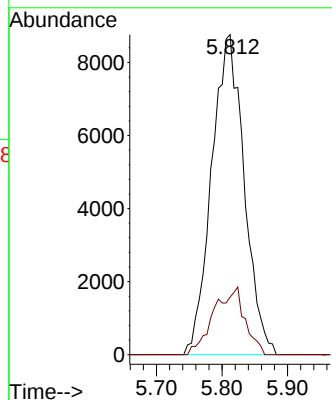
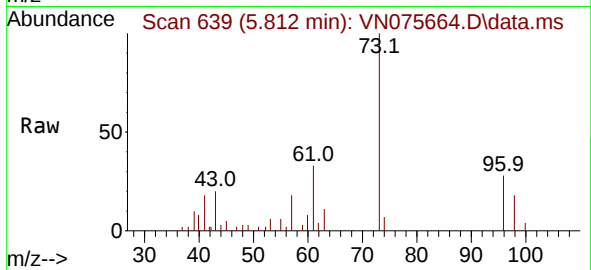
#19
Methyl tert-butyl Ether
Concen: 4.257 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3020
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5

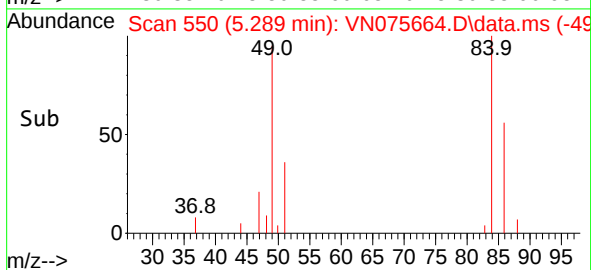
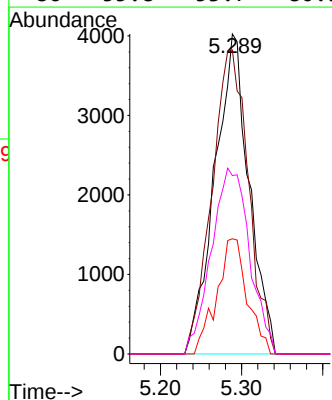
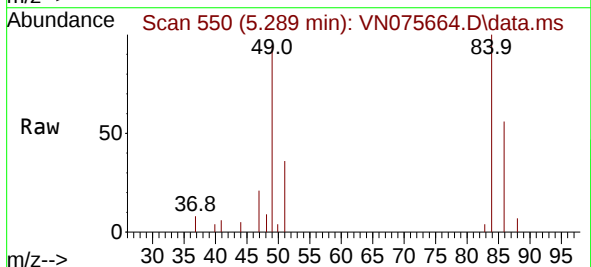
Manual Integrations
APPROVED

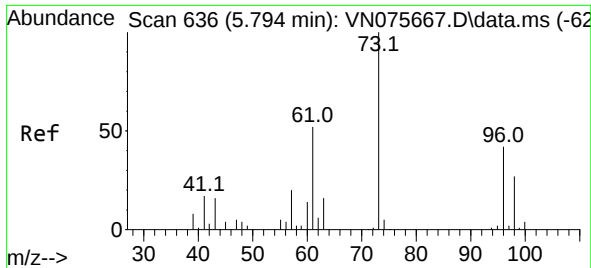
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 4.658 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

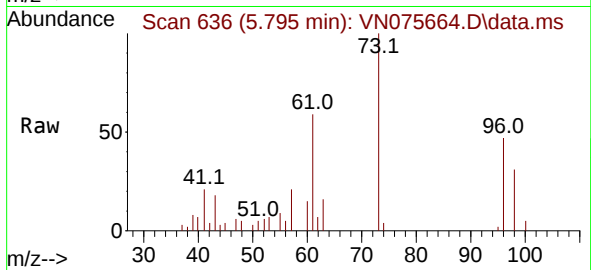
Tgt Ion: 84 Resp: 11819
Ion Ratio Lower Upper
84 100
49 95.0 94.9 142.3
51 36.0 26.8 40.2
86 55.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.344 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

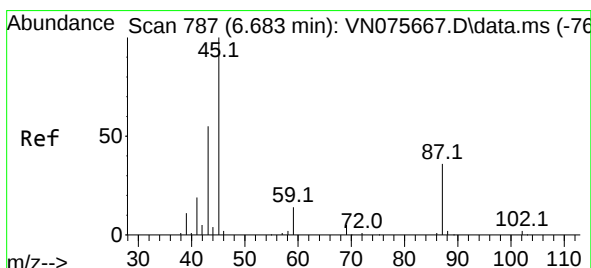
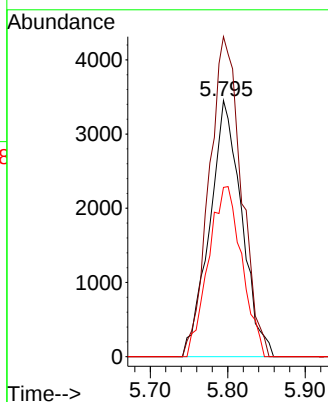
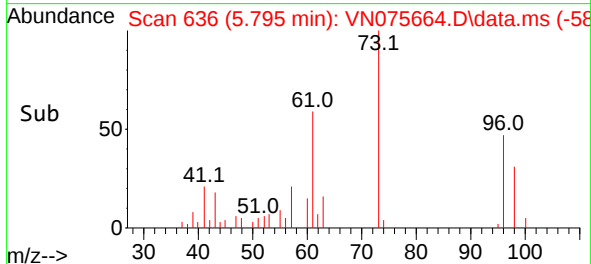
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



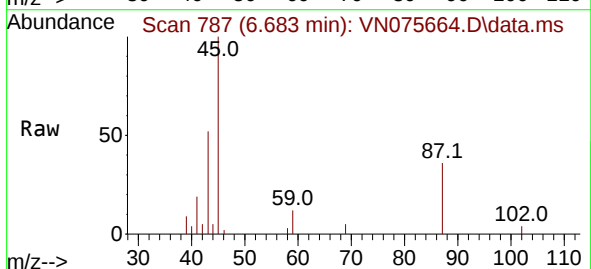
Tgt Ion: 96 Resp: 991
Ion Ratio Lower Upper
96 100
61 124.9 99.9 149.9
98 66.1 51.5 77.3

Manual Integrations
APPROVED

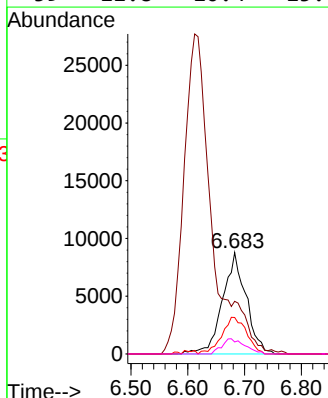
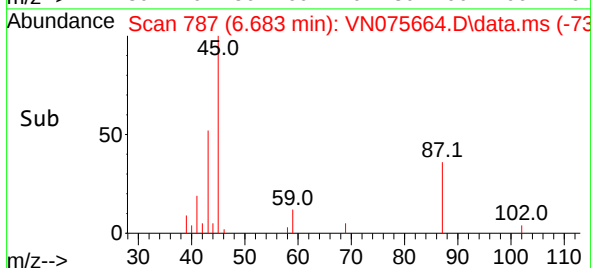
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

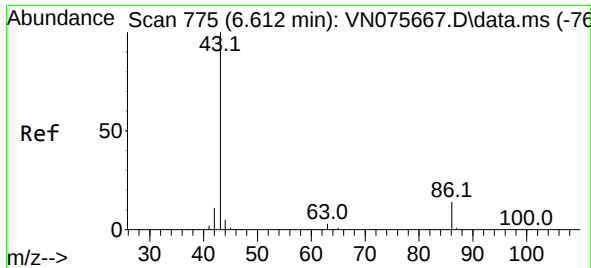


#22
Diisopropyl ether
Concen: 4.292 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 45 Resp: 25376
Ion Ratio Lower Upper
45 100
43 49.9 42.8 64.2
87 36.0 28.4 42.6
59 11.8 10.4 15.6





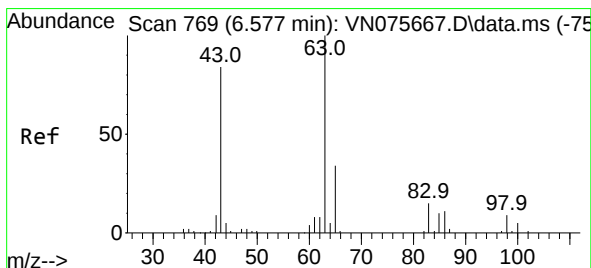
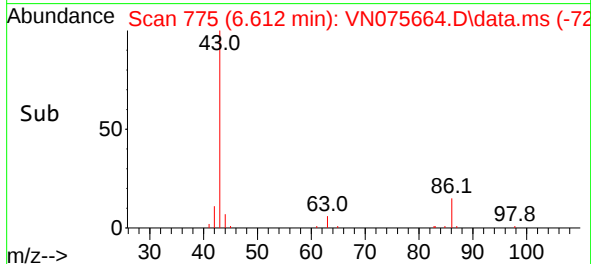
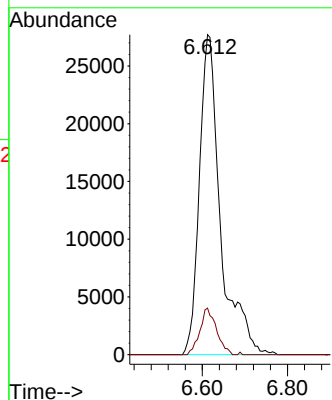
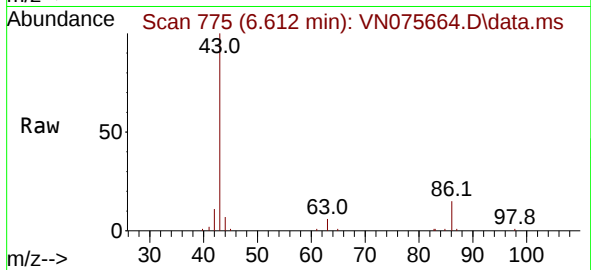
#23
 Vinyl Acetate
 Concen: 20.311 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 95530
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1

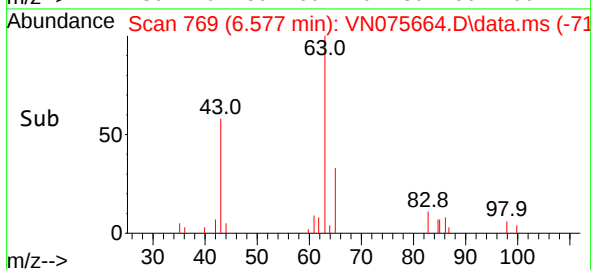
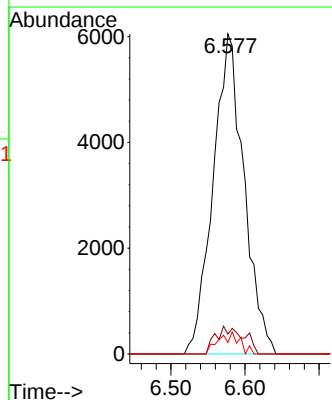
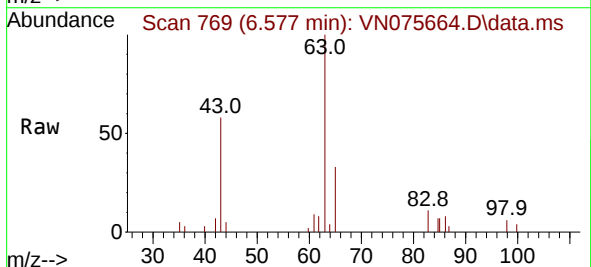
Manual Integrations
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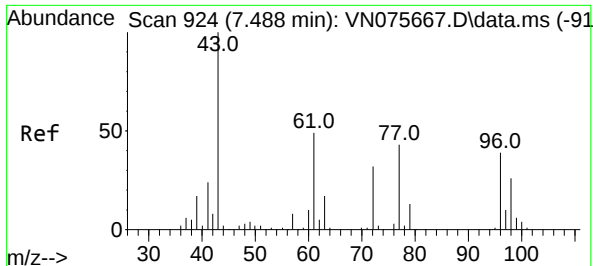
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 4.618 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

Tgt Ion: 63 Resp: 17523
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 3.6 2.4 7.2





#25

2-Butanone

Concen: 19.066 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 28824

Ion Ratio Lower Upper

43 100

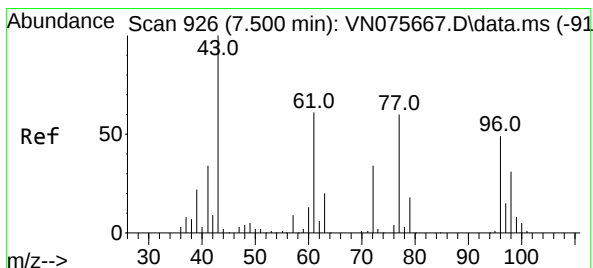
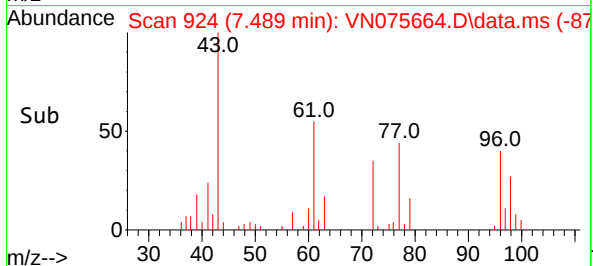
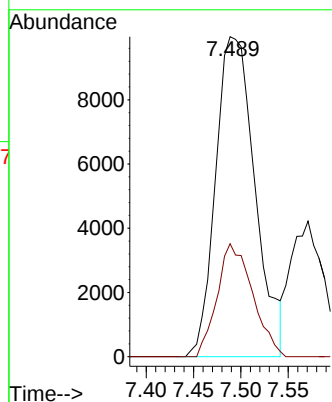
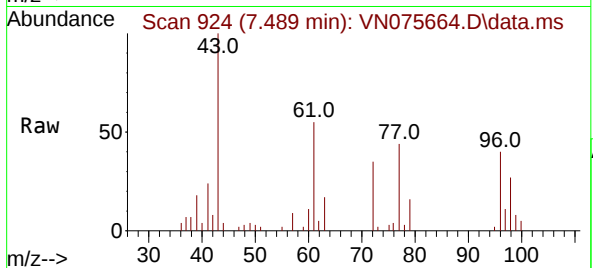
72 35.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 4.070 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075664.D

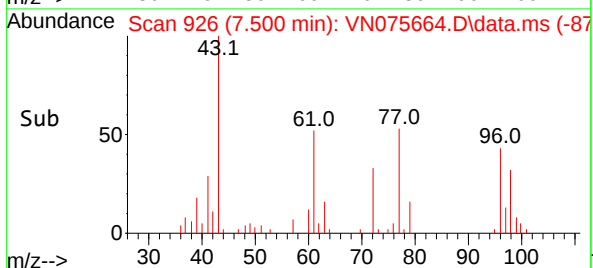
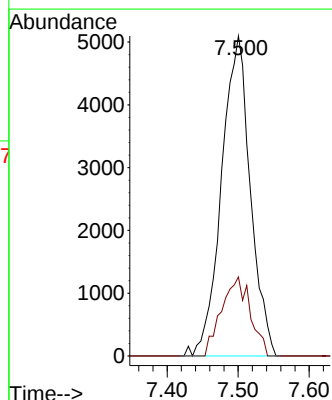
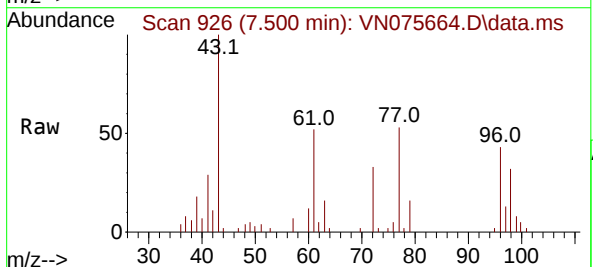
Acq: 09 Dec 2022 12:57

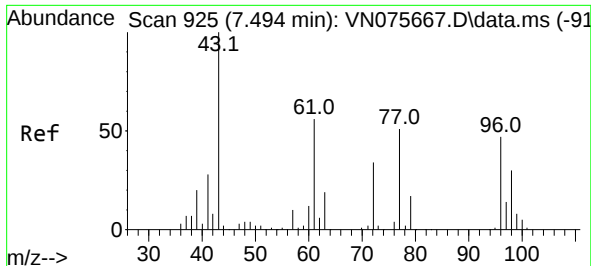
Tgt Ion: 77 Resp: 14353

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 4.582 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1182

Ion Ratio Lower Upper

96 100

61 134.6 0.0 278.8

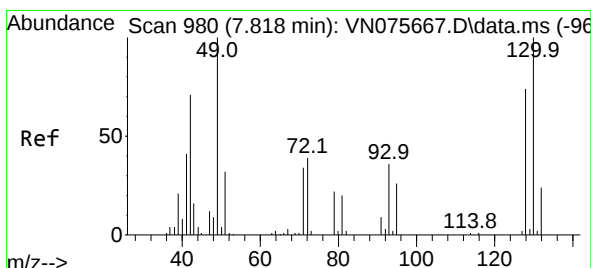
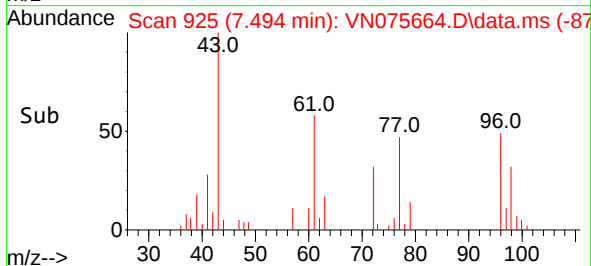
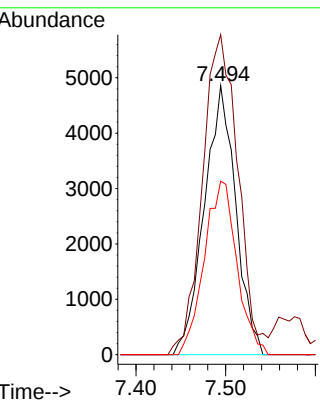
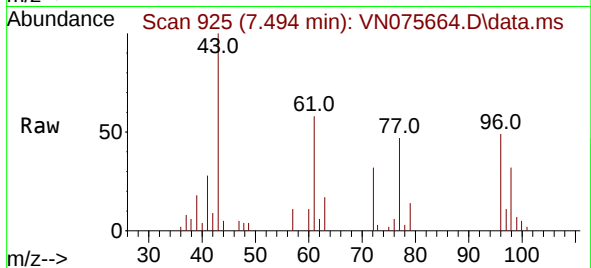
98 66.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#28

Bromochloromethane

Concen: 4.263 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

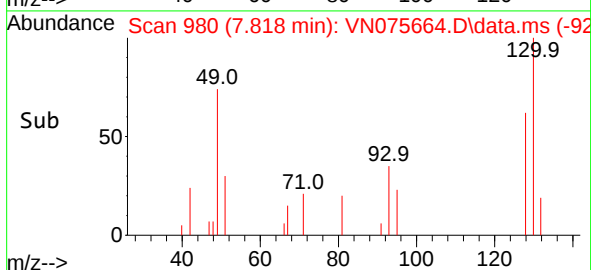
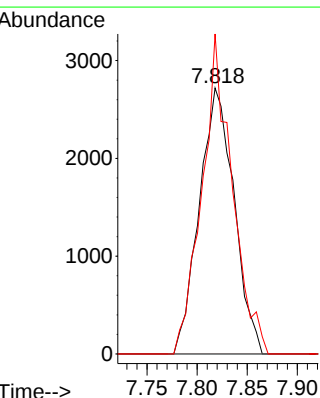
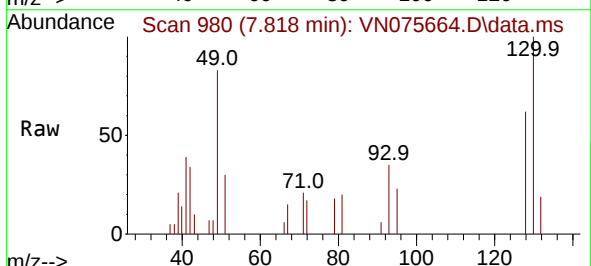
Tgt Ion: 49 Resp: 6566

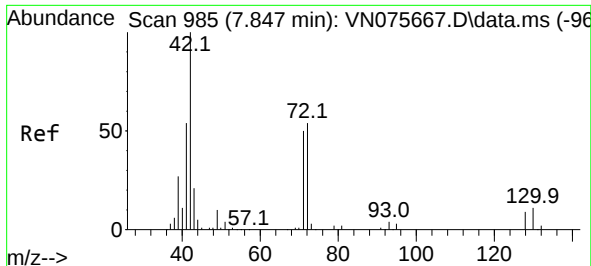
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 104.5 66.2 99.4#





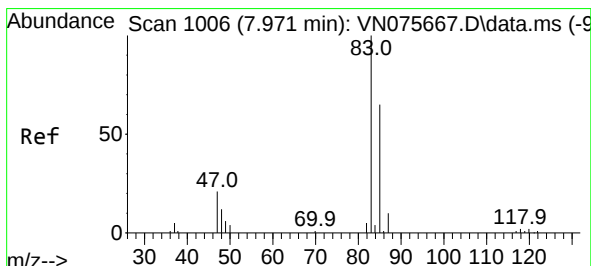
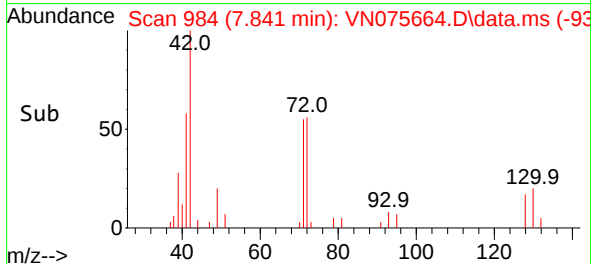
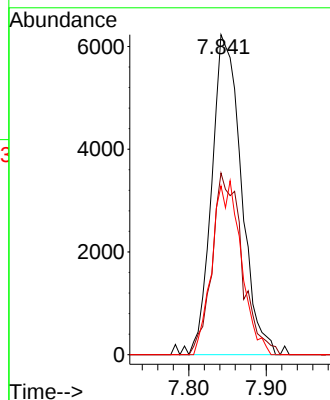
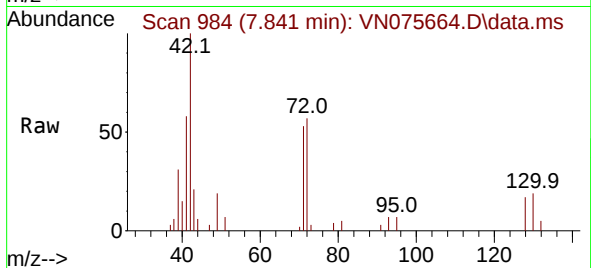
#29
Tetrahydrofuran
Concen: 17.942 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1649
Ion Ratio Lower Upper
42 100
72 57.2 43.0 64.6
71 53.6 39.9 59.9

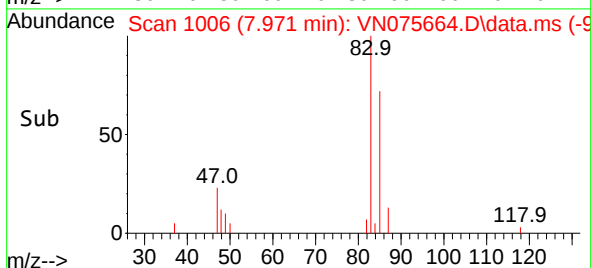
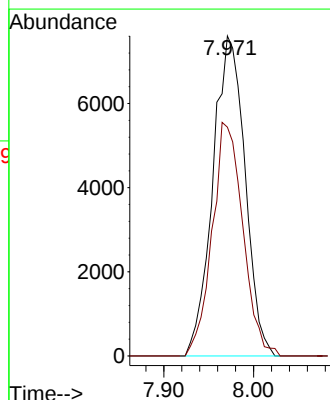
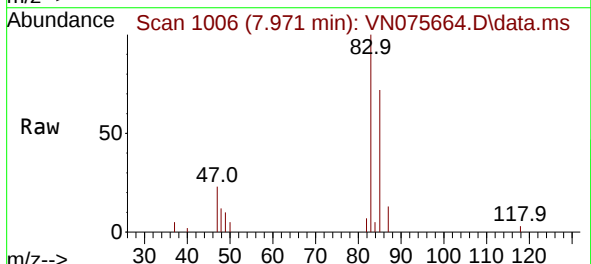
Manual Integrations
APPROVED

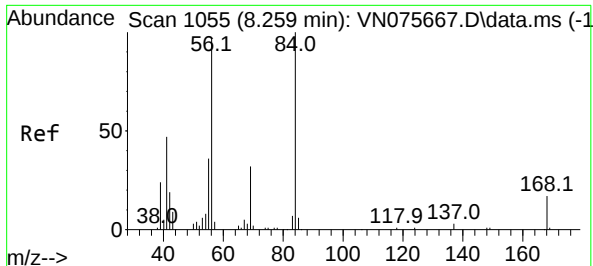
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#30
Chloroform
Concen: 4.341 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

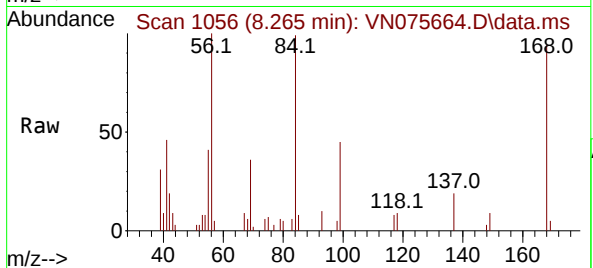
Tgt Ion: 83 Resp: 18916
Ion Ratio Lower Upper
83 100
85 71.5 51.4 77.0





#31
Cyclohexane
Concen: 5.114 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

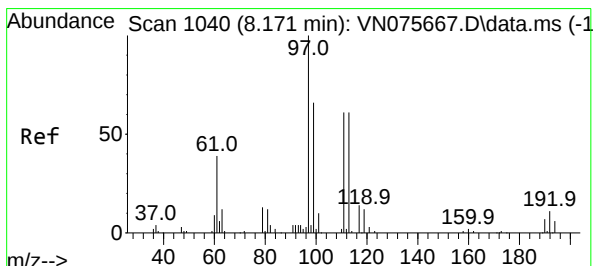
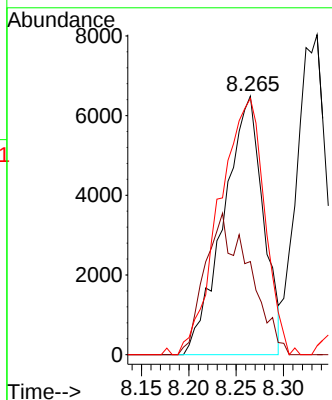
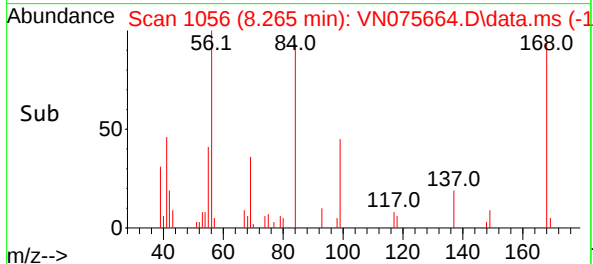
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



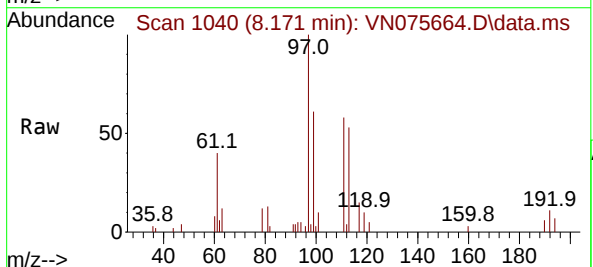
Tgt Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 36.0 25.2 37.8
84 99.1 77.8 116.8

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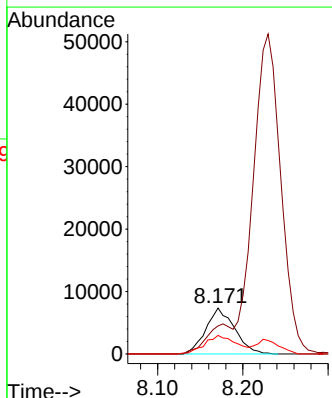
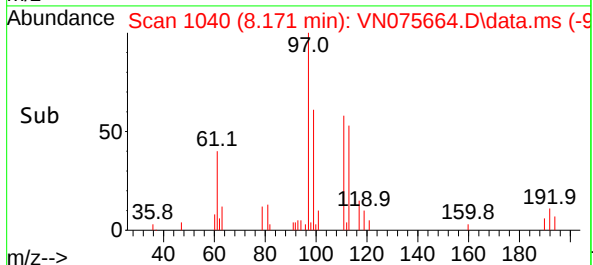
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

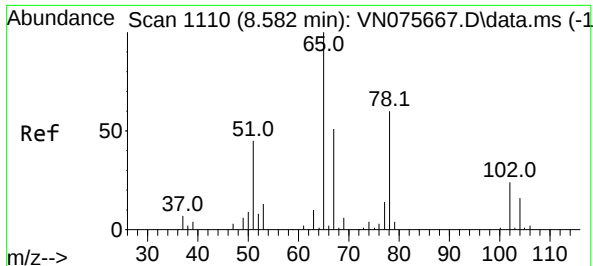


#32
1,1,1-Trichloroethane
Concen: 4.337 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 97 Resp: 17161
Ion Ratio Lower Upper
97 100
99 58.8 50.2 75.2
61 44.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 9.795 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 1137

Ion Ratio Lower Upper

65 100

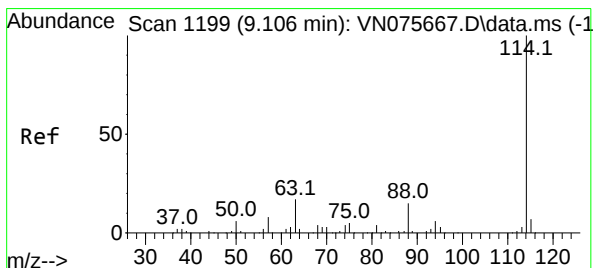
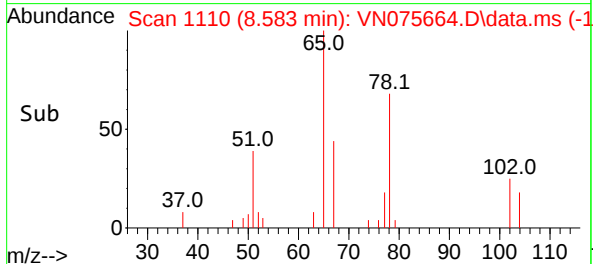
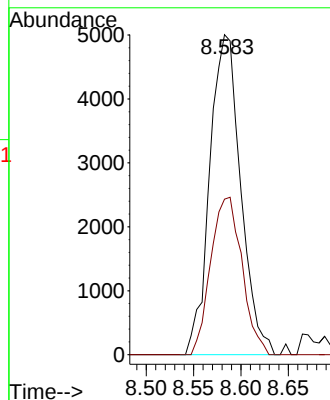
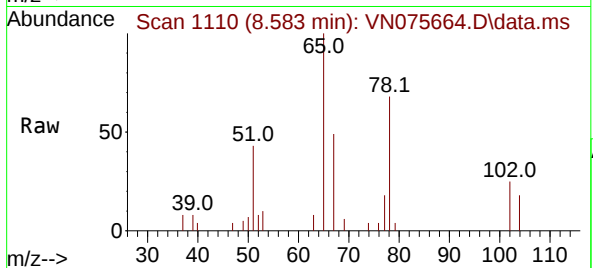
67 49.7 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

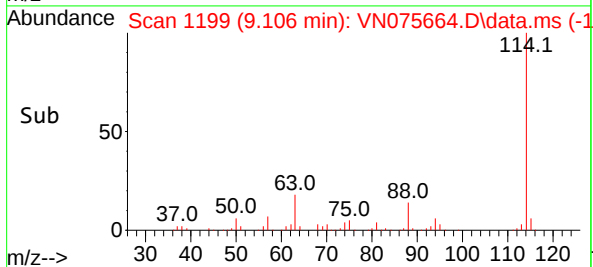
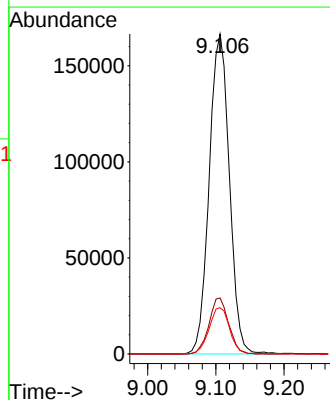
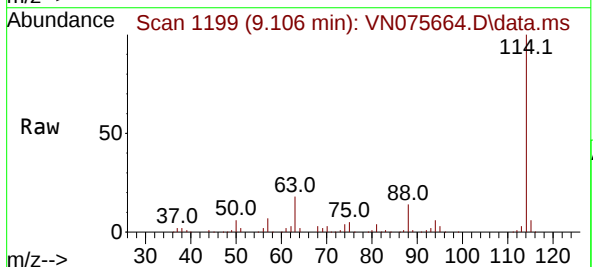
Tgt Ion:114 Resp: 343018

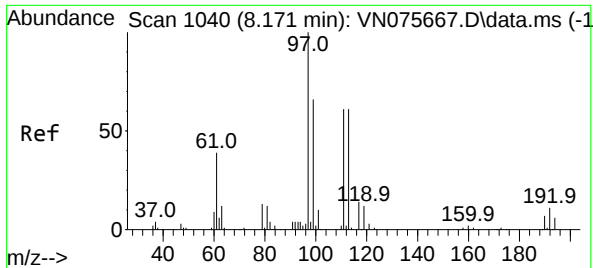
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

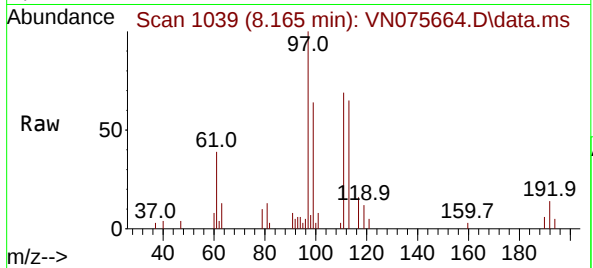
88 14.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 7.947 ug/l
RT: 8.165 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

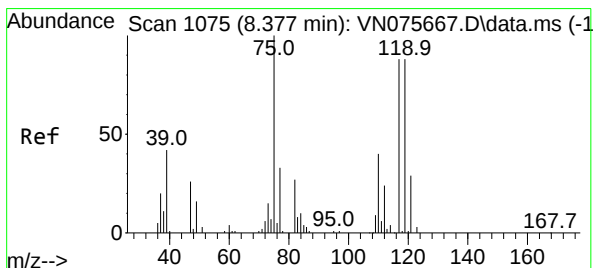
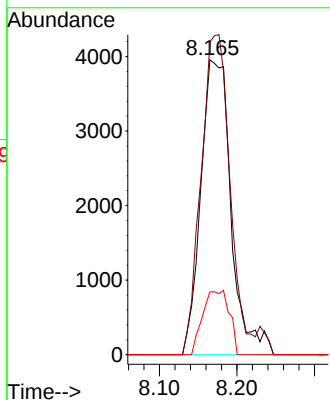
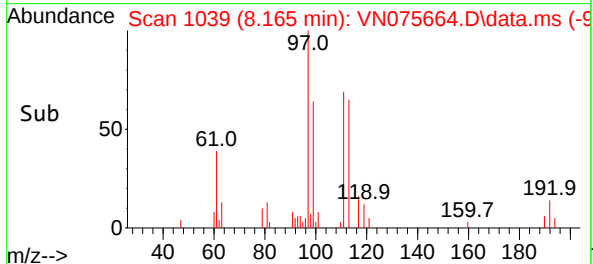
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 113 Resp: 10709
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 19.0 13.2 19.8

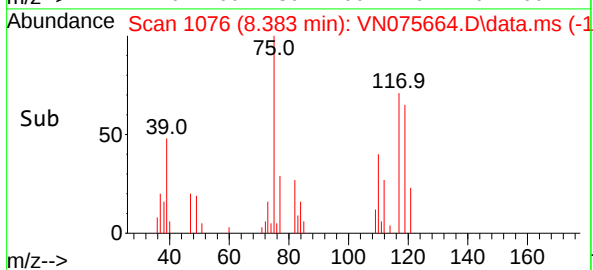
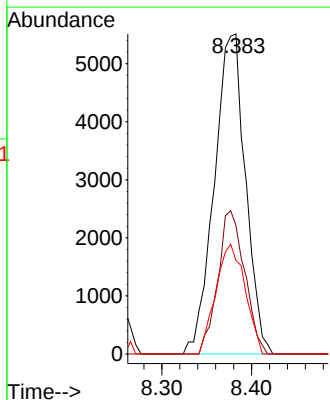
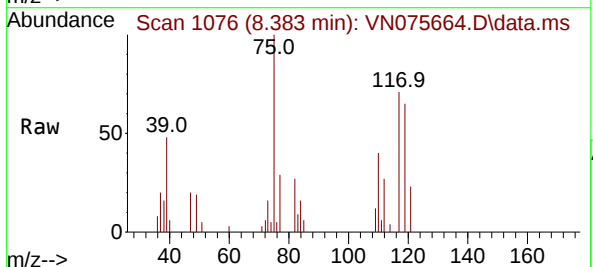
Manual Integrations
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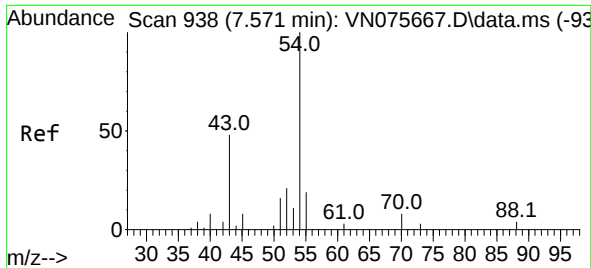
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.012 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 75 Resp: 13328
Ion Ratio Lower Upper
75 100
110 38.4 17.8 53.3
77 32.0 24.6 37.0





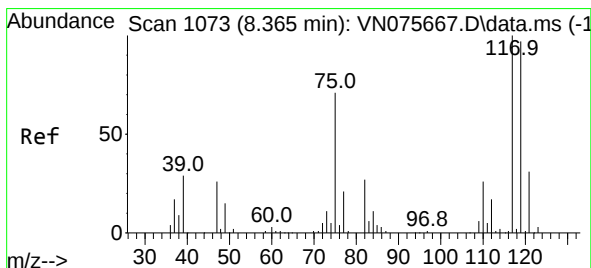
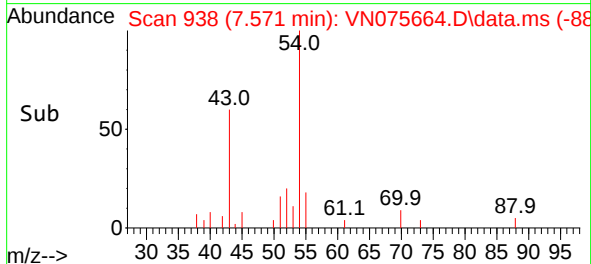
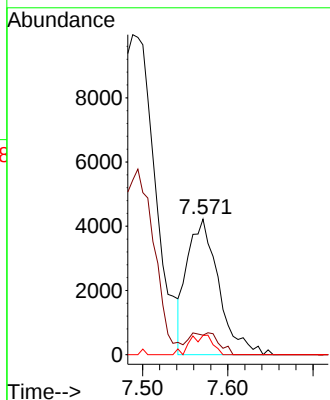
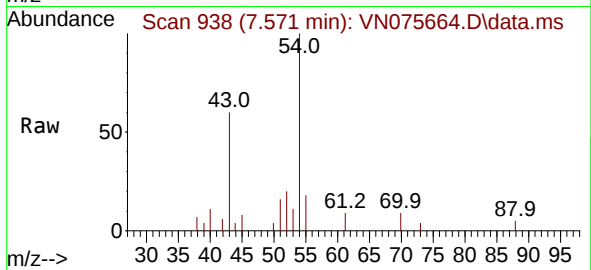
#37
Ethyl Acetate
Concen: 4.102 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 10854
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.4
70 10.4 9.4 14.2

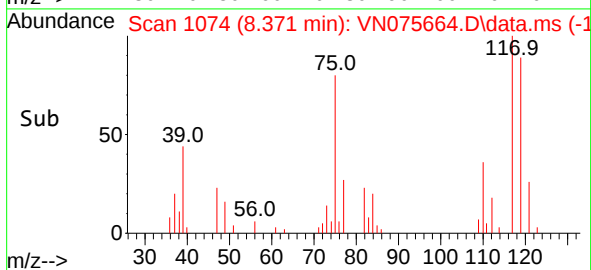
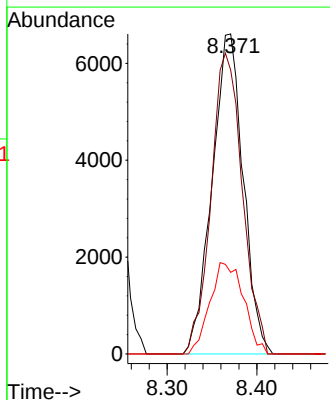
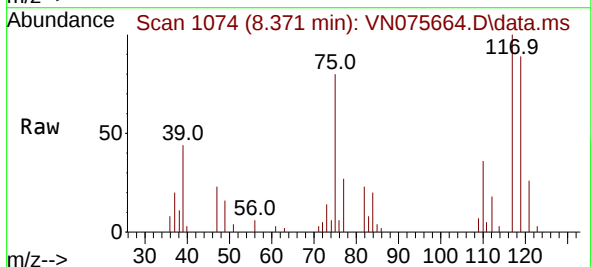
Manual Integrations
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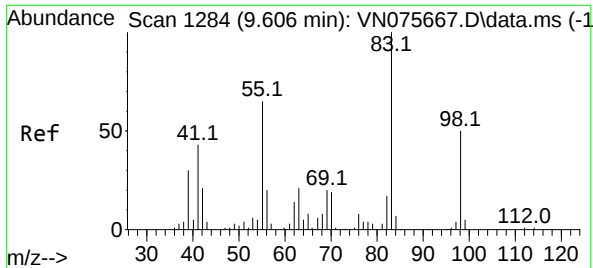
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#38
Carbon Tetrachloride
Concen: 4.927 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

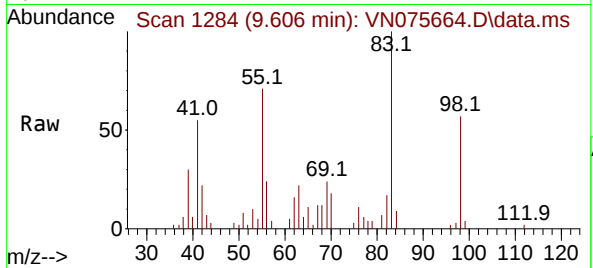
Tgt Ion:117 Resp: 15905
Ion Ratio Lower Upper
117 100
119 88.7 76.7 115.1
121 25.5 23.9 35.9





#39
Methylcyclohexane
Concen: 4.641 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

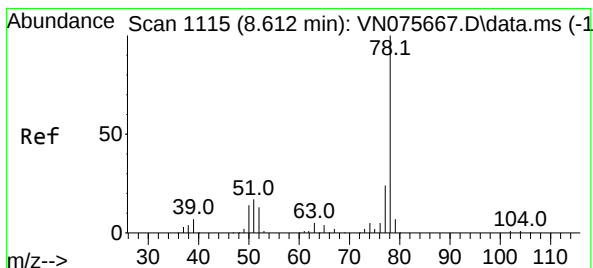
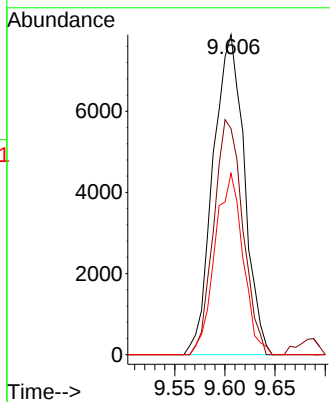
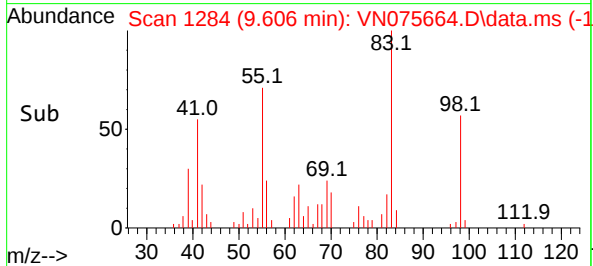
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 17069
Ion Ratio Lower Upper
83 100
55 70.6 53.6 80.4
98 56.6 41.1 61.7

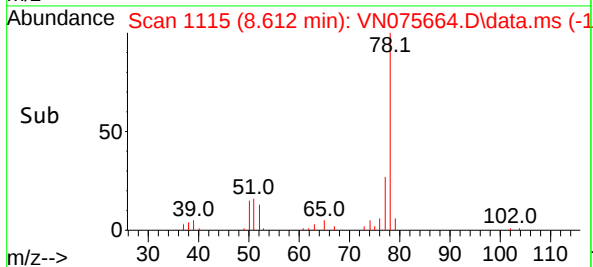
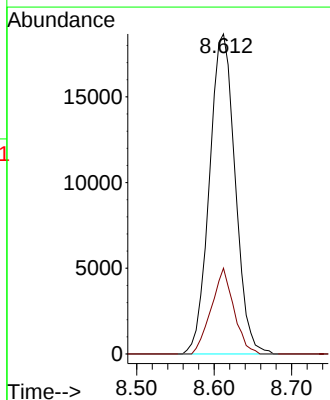
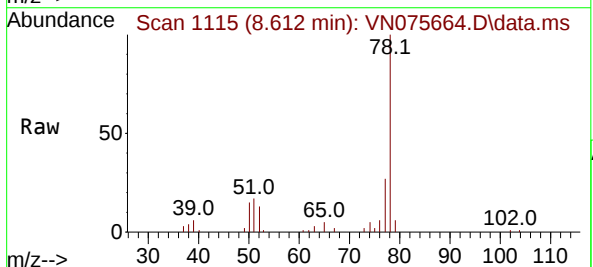
Manual Integrations
APPROVED

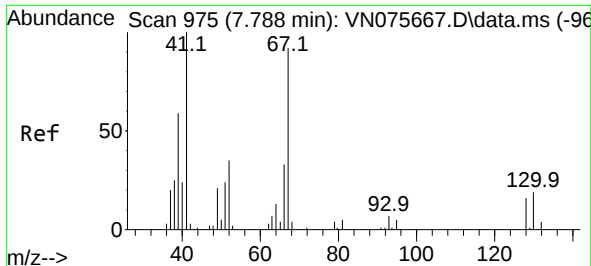
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#40
Benzene
Concen: 4.788 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion: 78 Resp: 43074
Ion Ratio Lower Upper
78 100
77 26.8 19.4 29.0





#41
Methacrylonitrile
Concen: 4.097 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

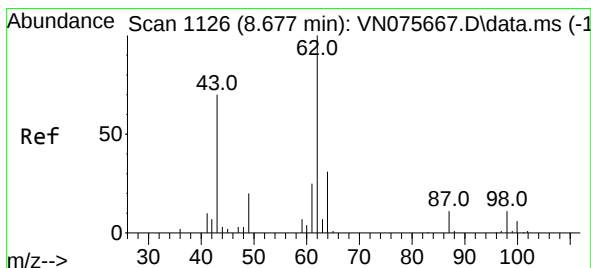
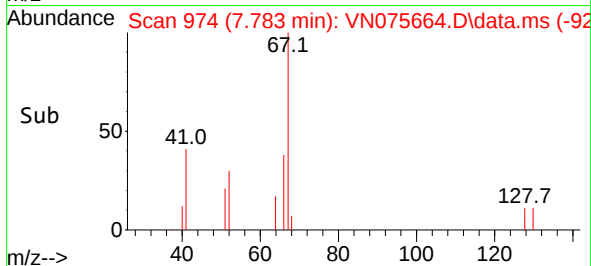
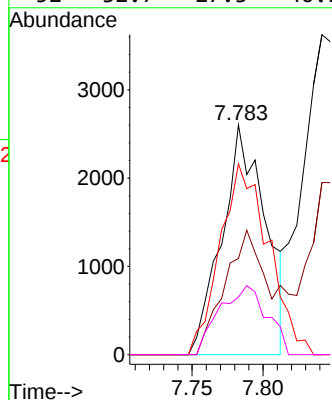
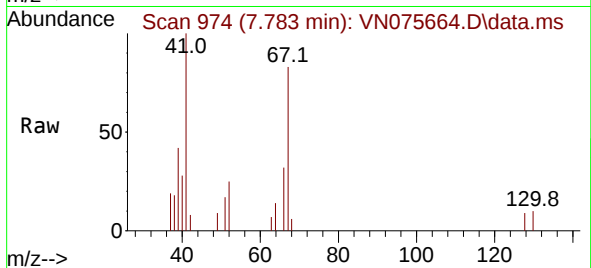
VSTDICC005

Tgt Ion: 41 Resp: 554
Ion Ratio Lower Upper
41 100
39 58.1 44.4 66.6
67 92.4 69.8 104.6
52 32.7 27.3 40.9

Manual Integrations

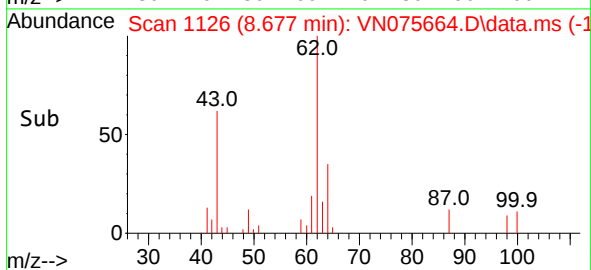
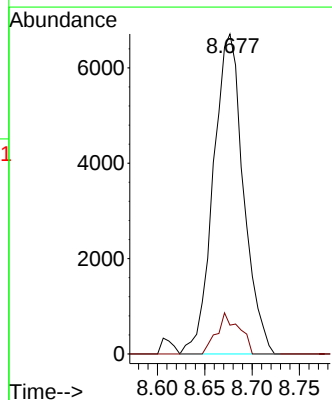
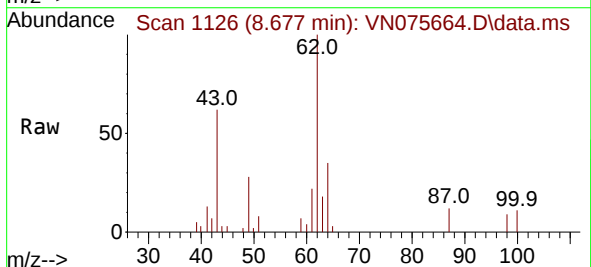
APPROVED

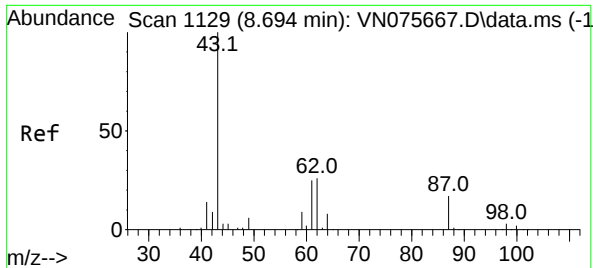
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 4.937 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

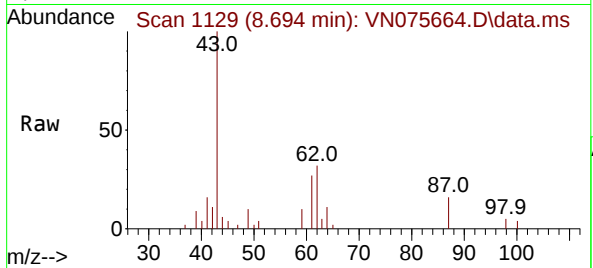
Tgt Ion: 62 Resp: 14877
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 4.261 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

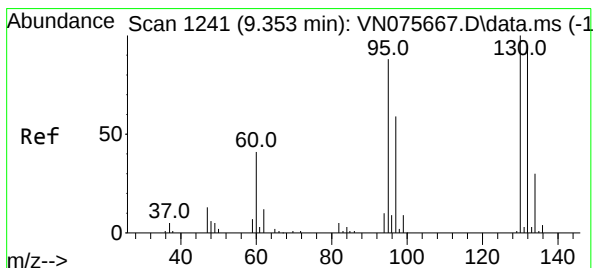
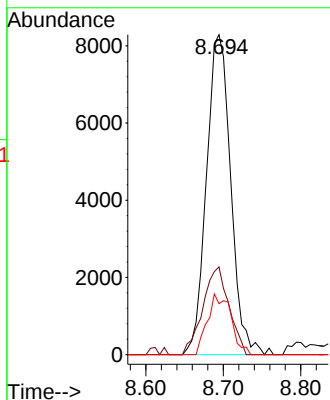
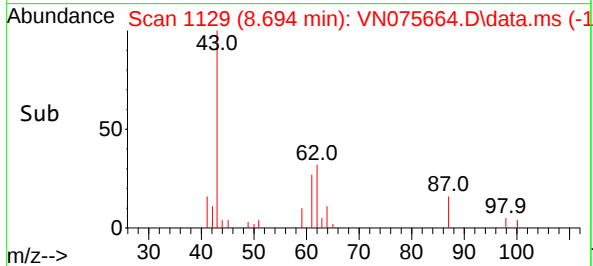
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



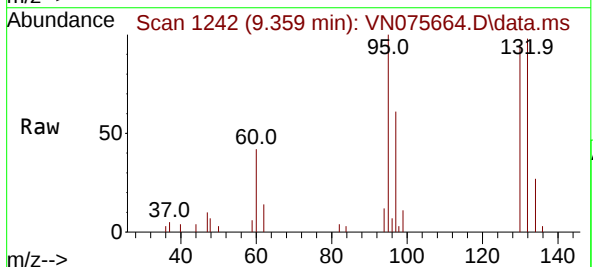
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 18.3 12.5 18.7

Manual Integrations
APPROVED

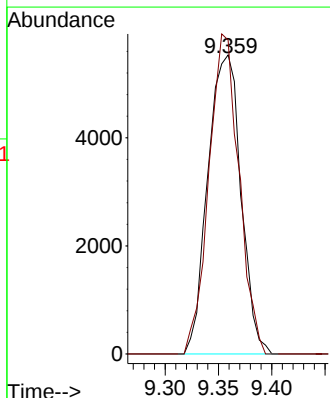
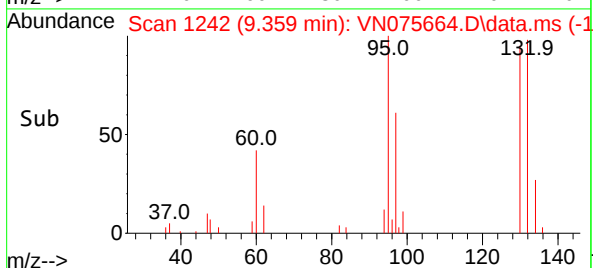
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

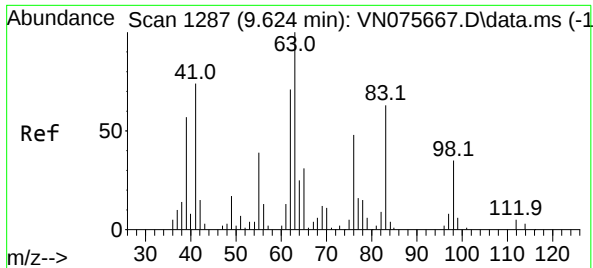


#44
Trichloroethene
Concen: 4.855 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion:130 Resp: 11953
Ion Ratio Lower Upper
130 100
95 105.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 4.840 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1037

Ion Ratio Lower Upper

63 100

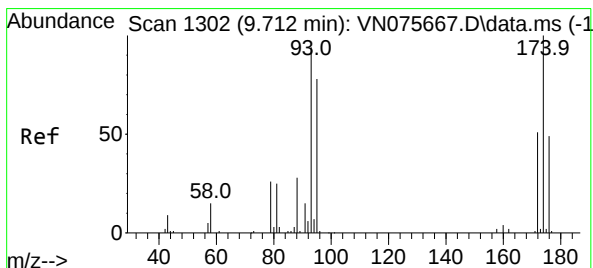
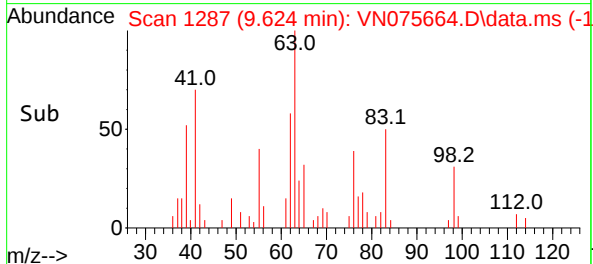
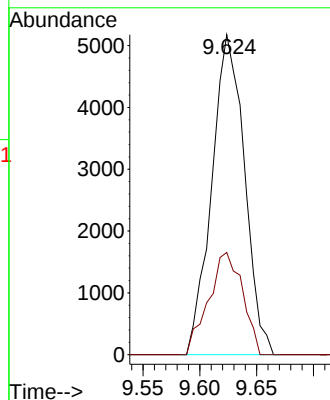
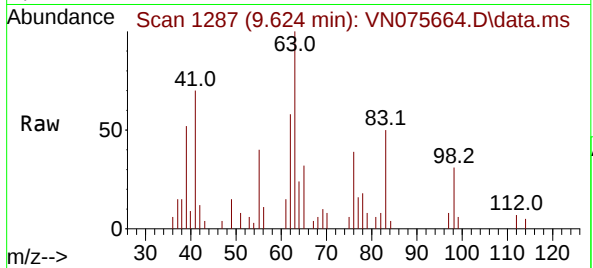
65 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 4.755 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

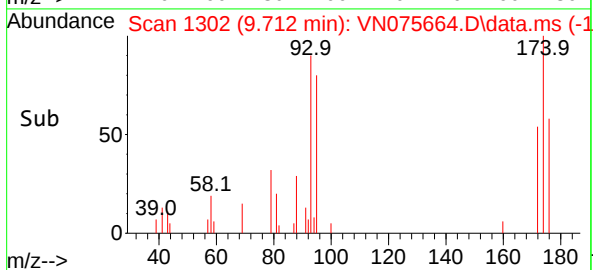
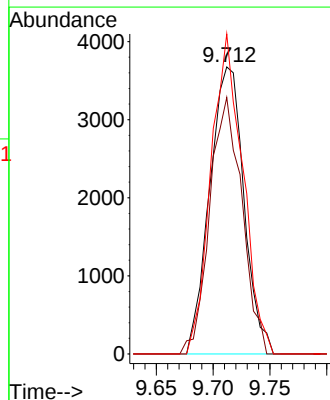
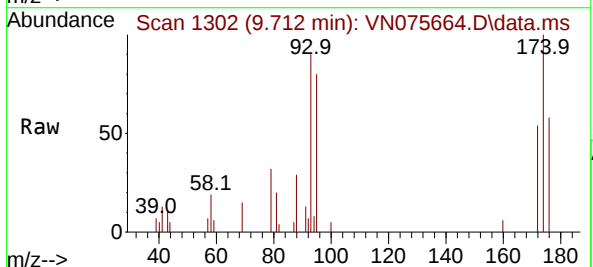
Tgt Ion: 93 Resp: 7711

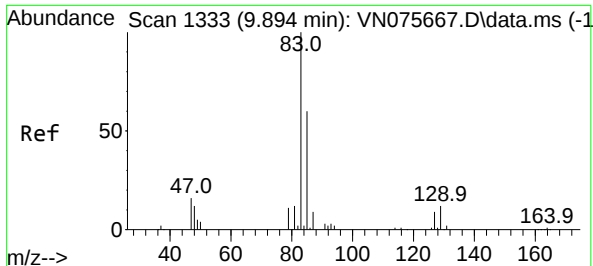
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 103.1 70.3 105.5





#47

Bromodichloromethane

Concen: 4.646 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

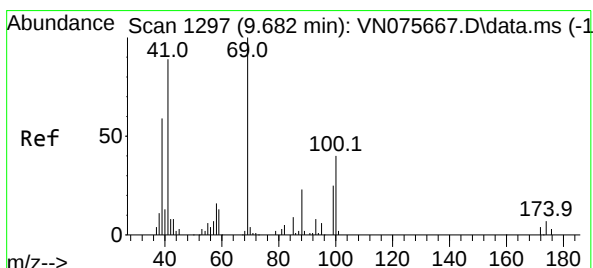
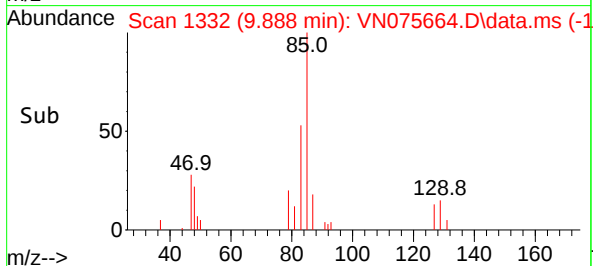
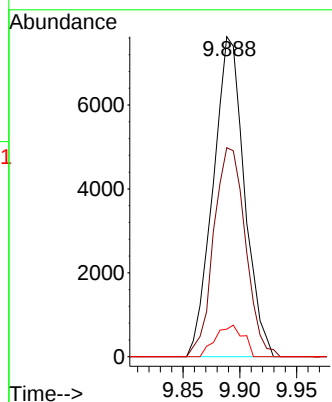
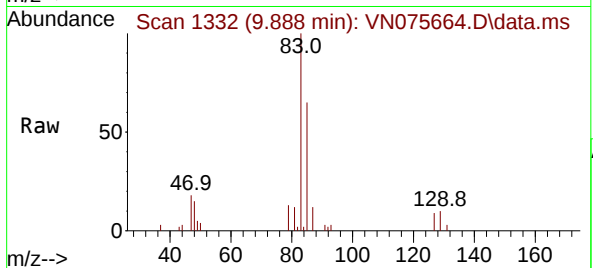
Tgt Ion: 83	Resp: 14590
Ion Ratio	Lower Upper
83 100	
85 65.3	52.1 78.1
127 8.6	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#48

Methyl methacrylate

Concen: 4.021 ug/l

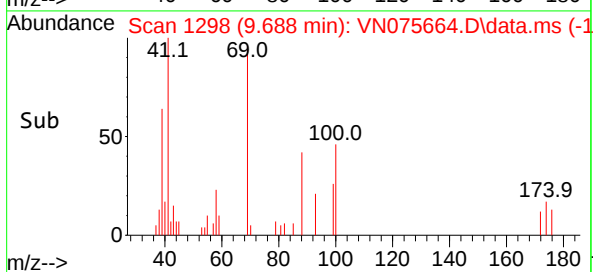
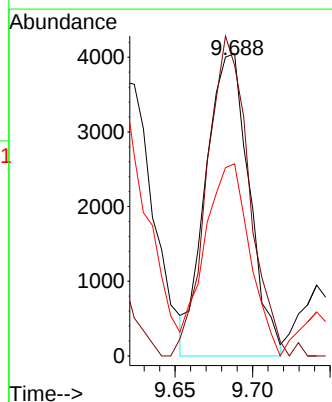
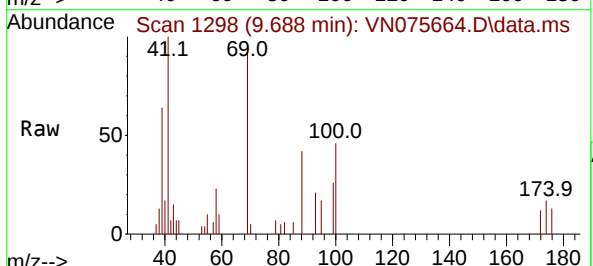
RT: 9.688 min Scan# 1298

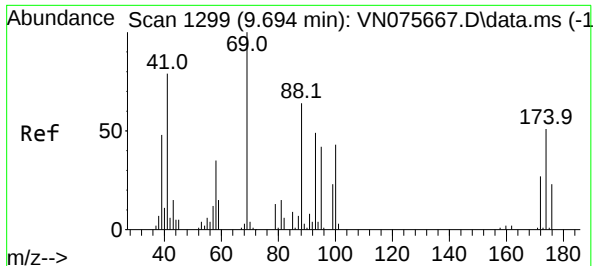
Delta R.T. 0.005 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion: 41	Resp: 7897
Ion Ratio	Lower Upper
41 100	
69 103.2	80.2 120.2
39 65.8	56.2 84.2





#49

1,4-Dioxane

Concen: 73.739 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 411

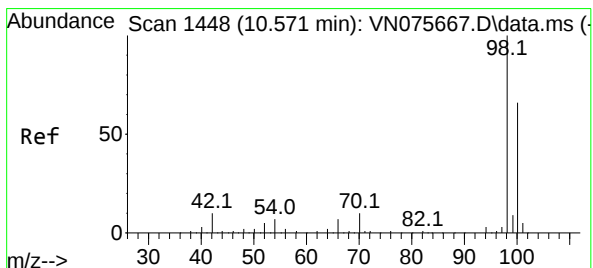
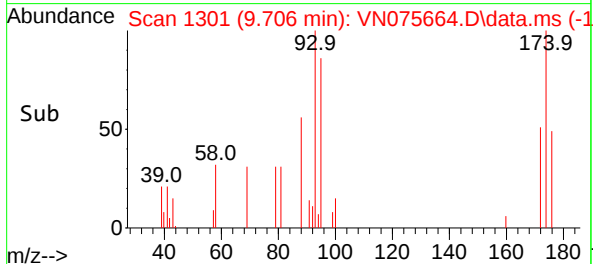
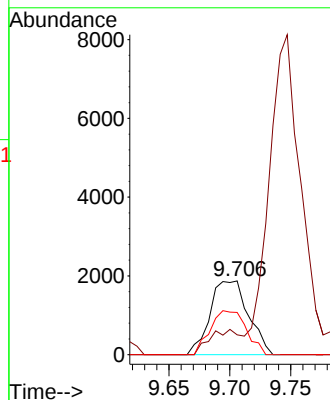
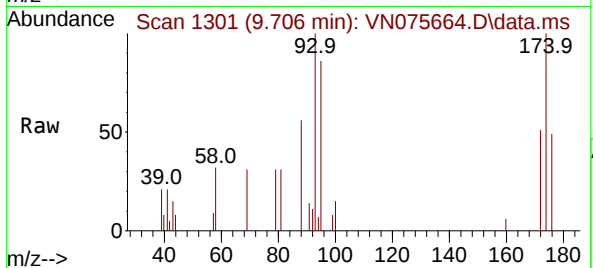
Ion	Ratio	Lower	Upper
88	100		
43	28.7	17.5	26.3
58	55.7	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 12.215 ug/l

RT: 10.571 min Scan# 1448

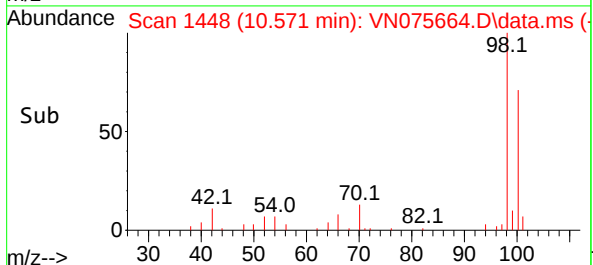
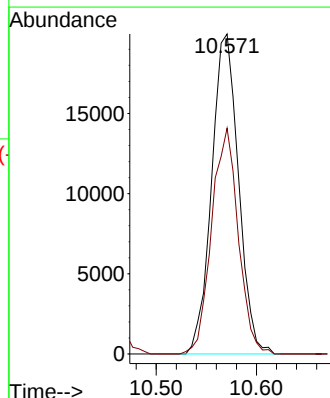
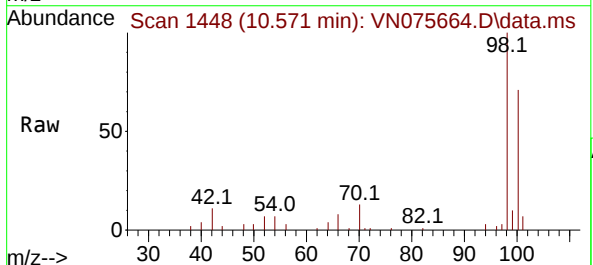
Delta R.T. 0.006 min

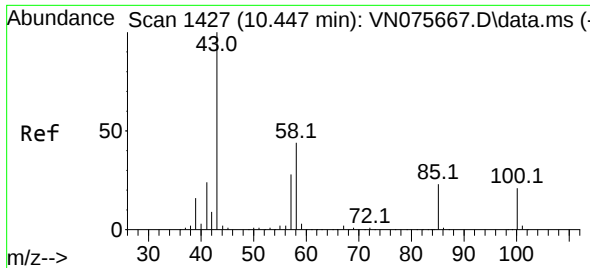
Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion: 98 Resp: 37072

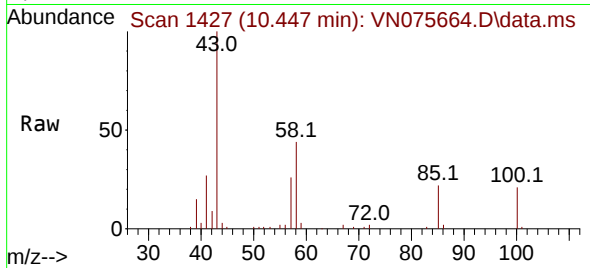
Ion	Ratio	Lower	Upper
98	100		
100	69.9	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 20.750 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

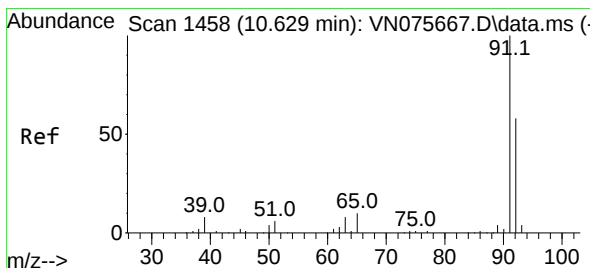
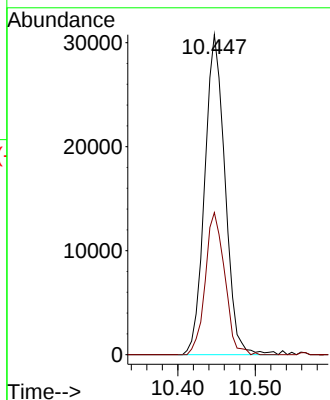
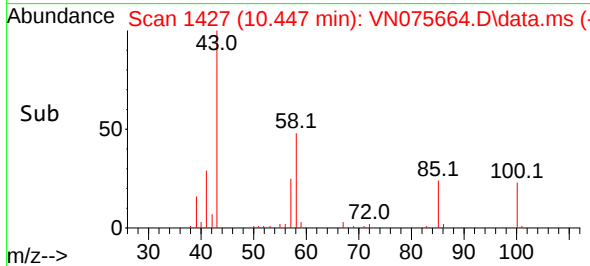
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



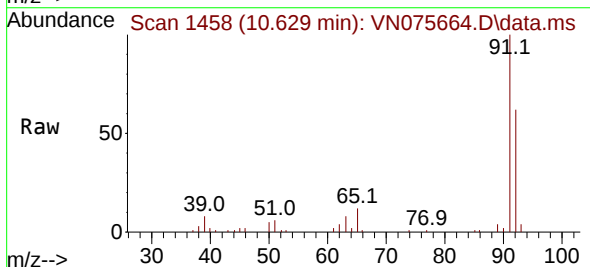
Tgt Ion: 43 Resp: 56130
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

Manual Integrations
APPROVED

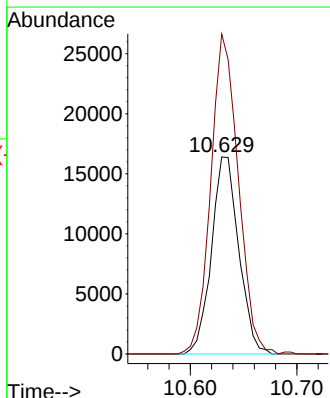
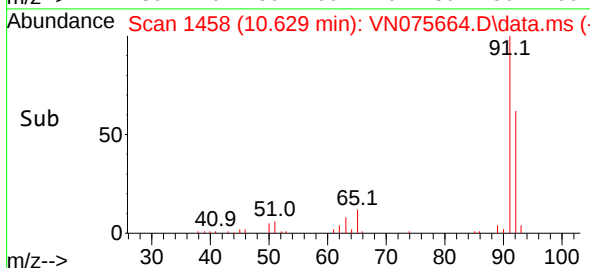
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

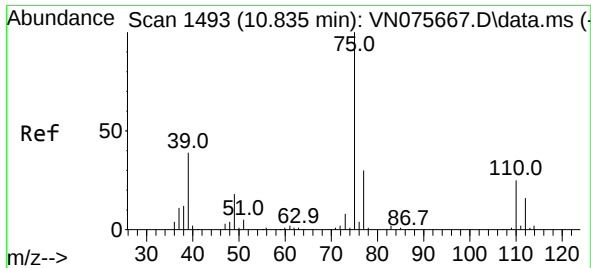


#52
Toluene
Concen: 5.025 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



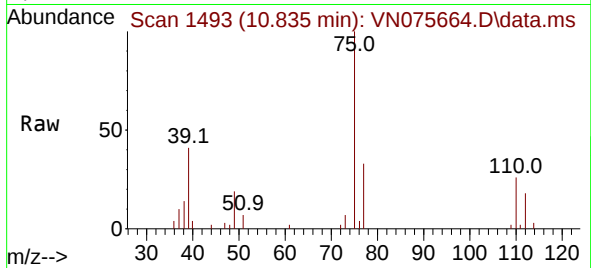
Tgt Ion: 92 Resp: 29136
Ion Ratio Lower Upper
92 100
91 164.1 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 4.341 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

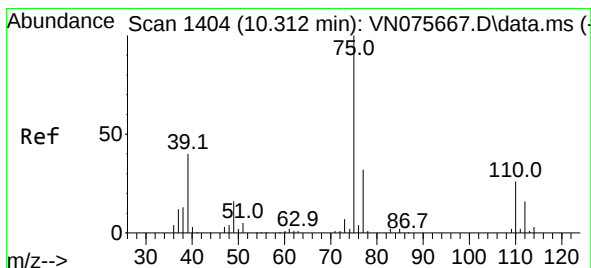
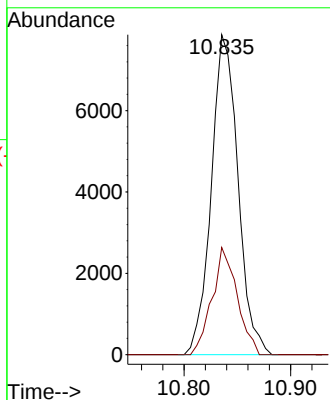
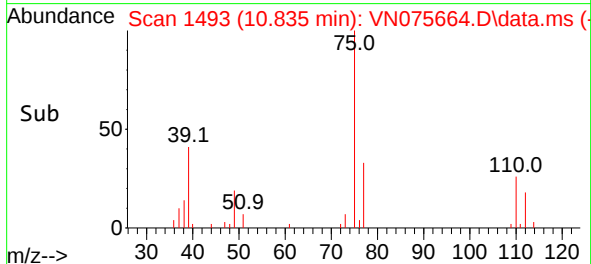
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



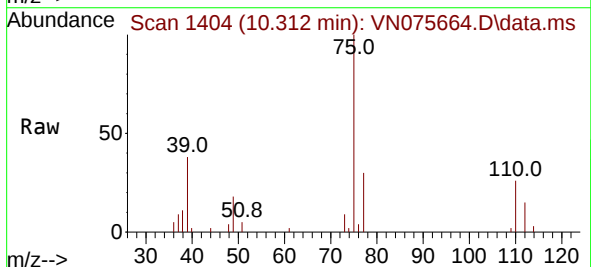
Tgt Ion: 75 Resp: 13680
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.2

Manual Integrations
APPROVED

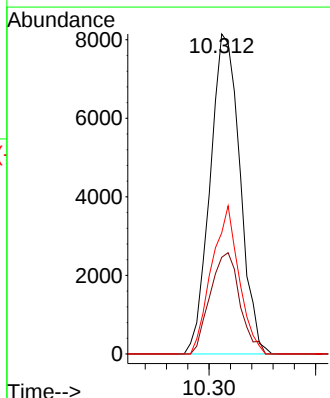
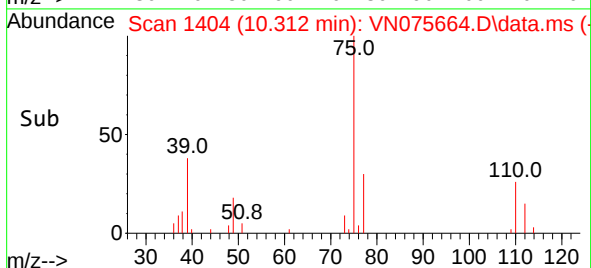
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

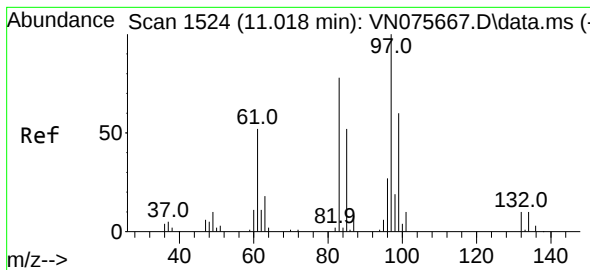


#54
cis-1,3-Dichloropropene
Concen: 4.624 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



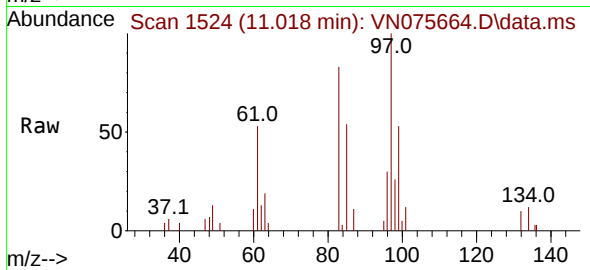
Tgt Ion: 75 Resp: 15835
Ion Ratio Lower Upper
75 100
77 30.2 23.7 35.5
39 37.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 4.558 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

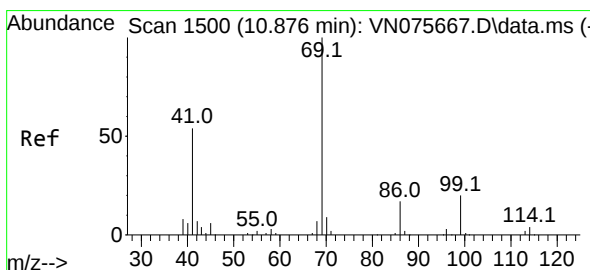
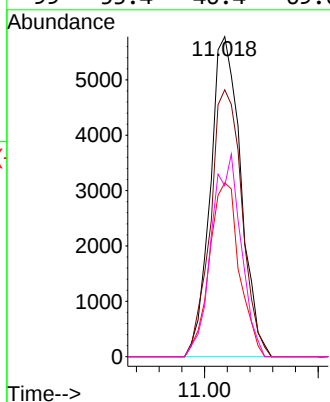
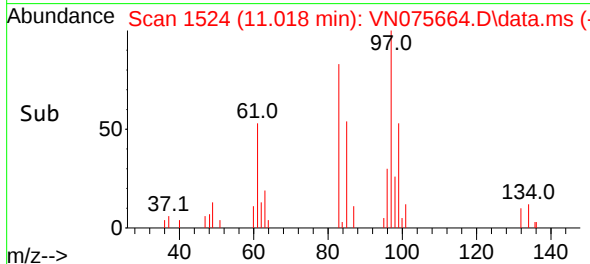
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.9	98.9
85	54.4	40.4	60.6
99	53.4	46.4	69.6

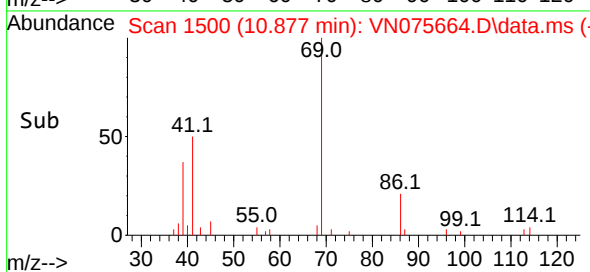
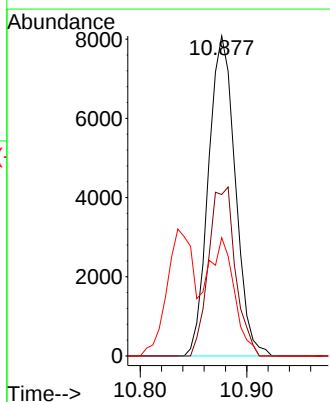
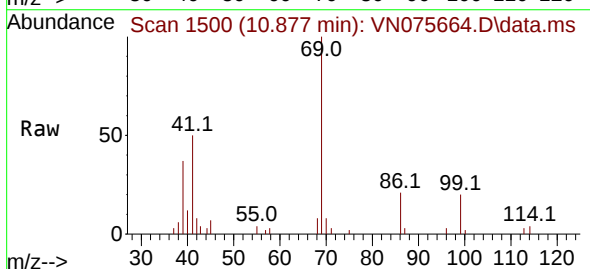
Manual Integrations
APPROVED

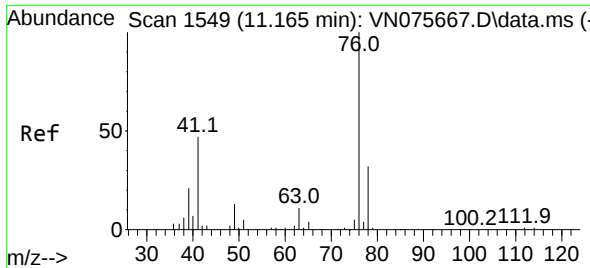
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#56
Ethyl methacrylate
Concen: 4.429 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

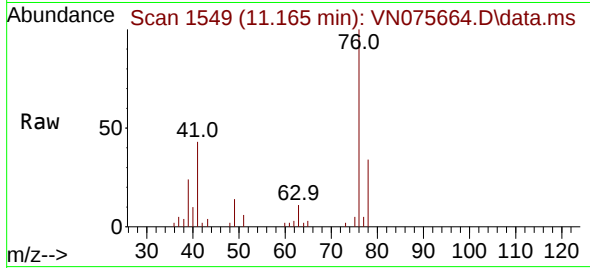
Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.9	45.6	68.4
39	33.2	28.5	42.7





#57
1,3-Dichloropropane
Concen: 4.594 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

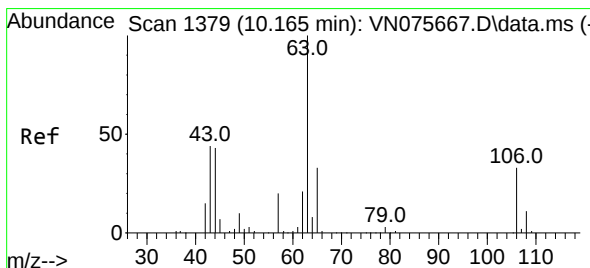
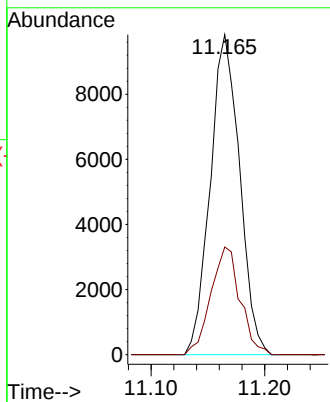
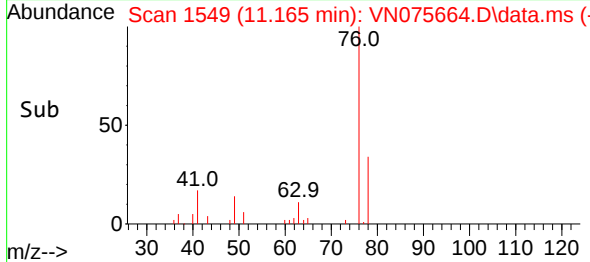
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 1768
Ion Ratio Lower Upper
76 100
78 33.5 25.8 38.6

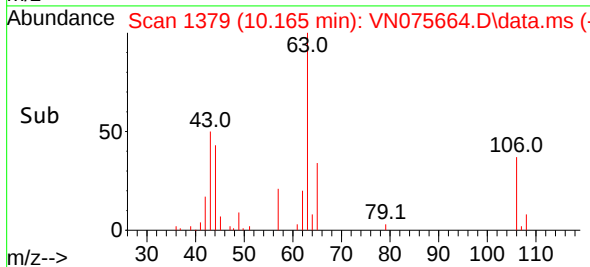
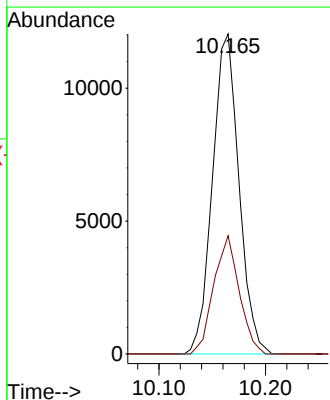
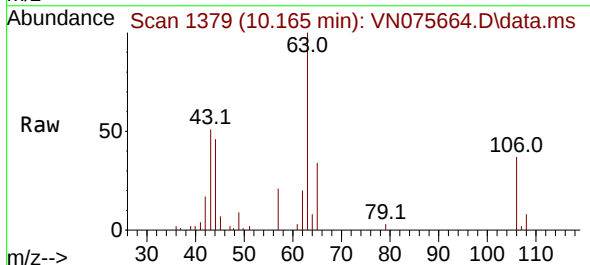
Manual Integrations
APPROVED

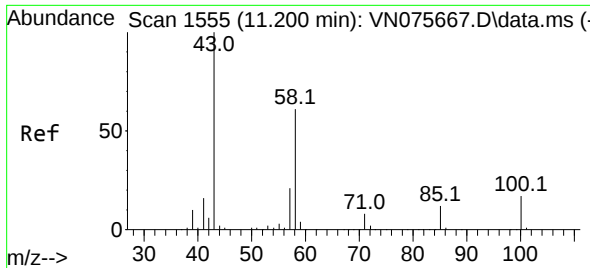
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 18.063 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

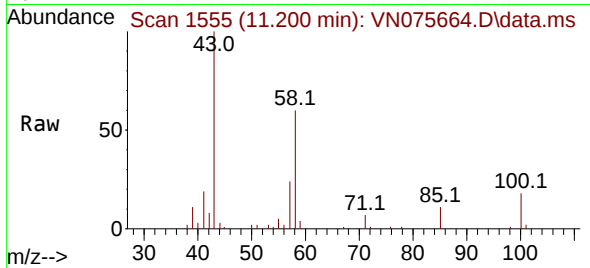
Tgt Ion: 63 Resp: 20775
Ion Ratio Lower Upper
63 100
106 35.6 24.8 37.2





#59
2-Hexanone
Concen: 19.646 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

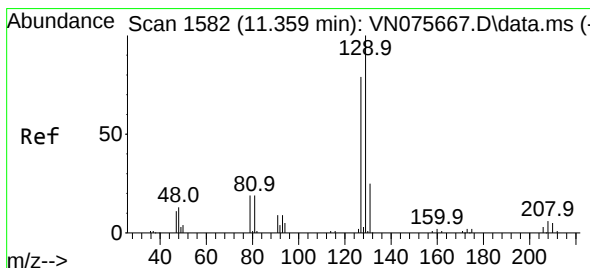
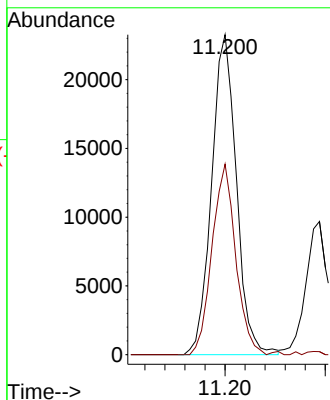
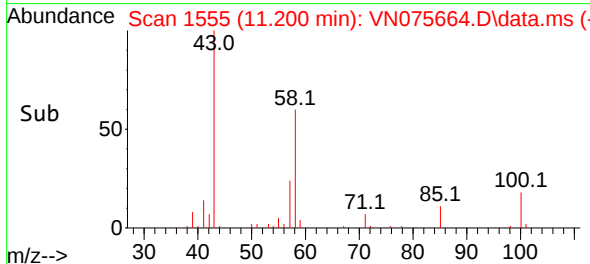
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



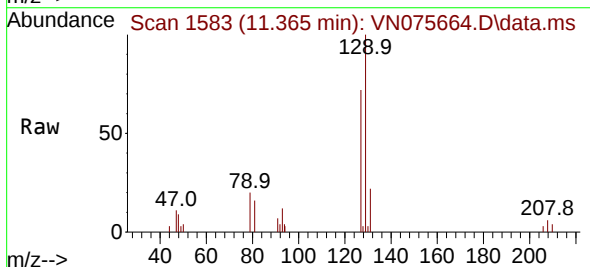
Tgt Ion: 43 Resp: 3990
Ion Ratio Lower Upper
43 100
58 57.1 29.6 88.8

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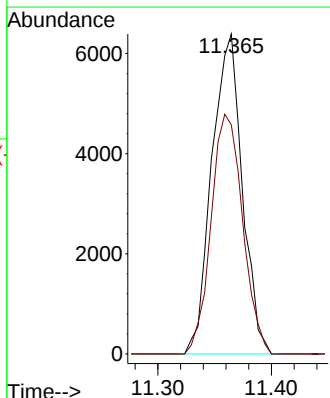
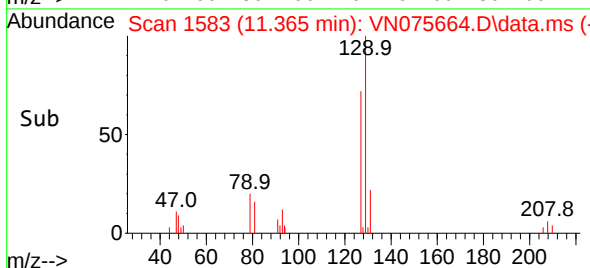
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

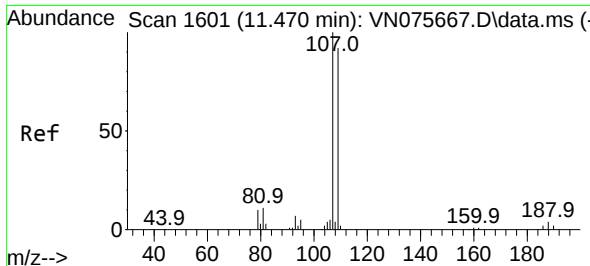


#60
Dibromochloromethane
Concen: 4.901 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



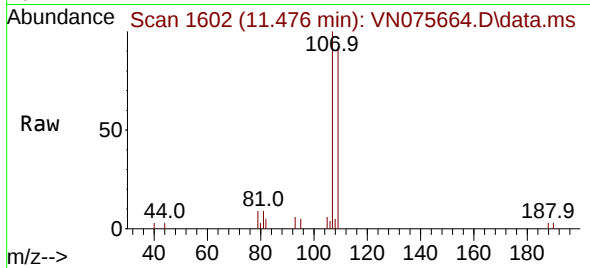
Tgt Ion:129 Resp: 11880
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 4.485 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

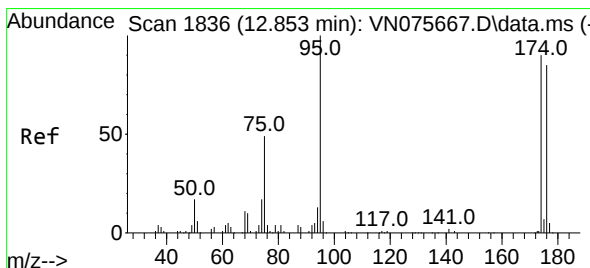
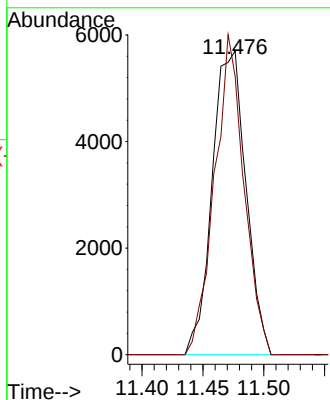
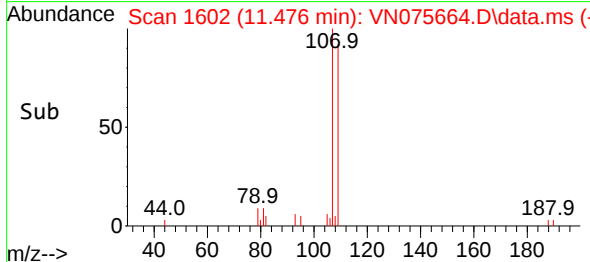
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



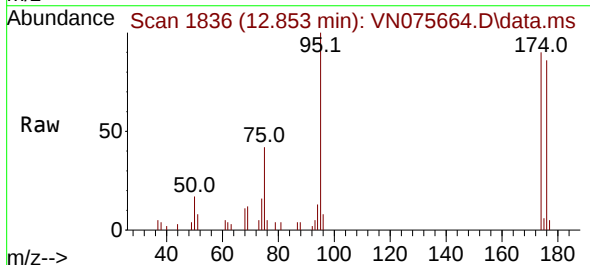
Tgt Ion:107 Resp: 10992
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4

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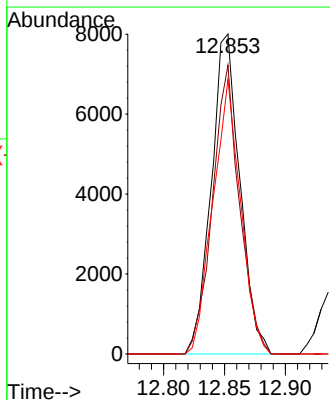
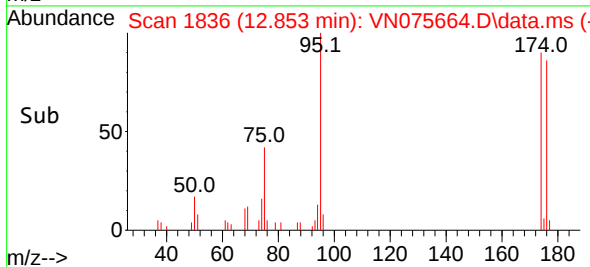
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

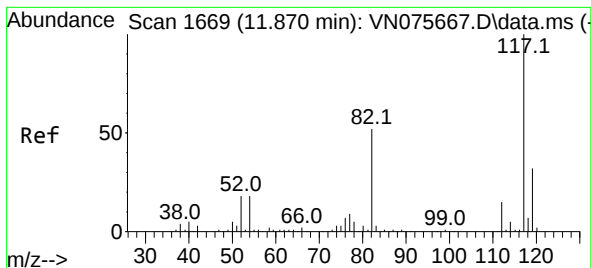


#62
4-Bromofluorobenzene
Concen: 5.852 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 95 Resp: 13108
Ion Ratio Lower Upper
95 100
174 85.6 0.0 147.4
176 83.0 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 302030

Ion Ratio Lower Upper

117 100

82 51.2 43.1 64.7

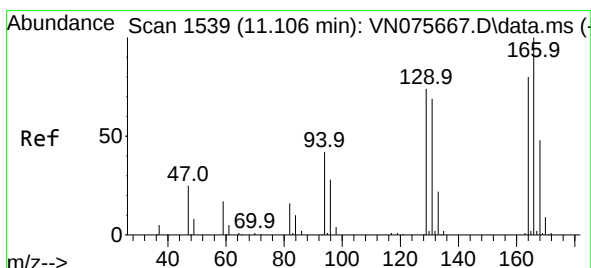
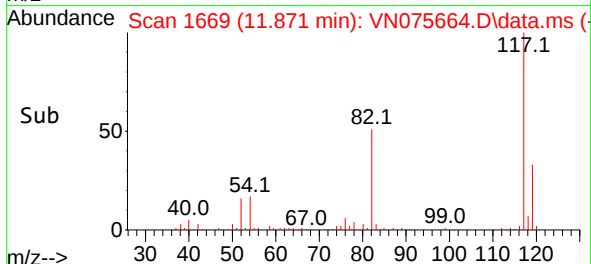
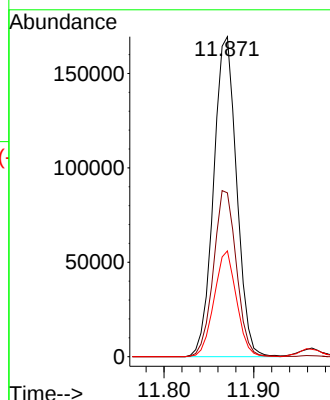
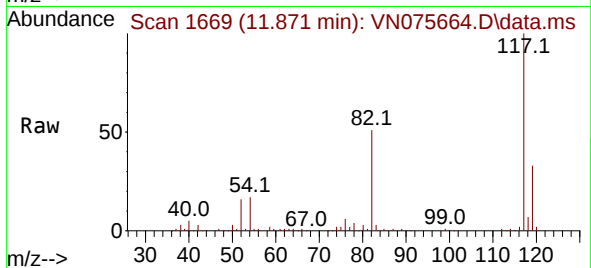
119 33.1 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#64

Tetrachloroethene

Concen: 5.012 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion:164 Resp: 11560

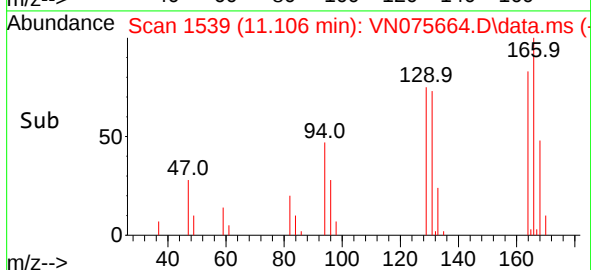
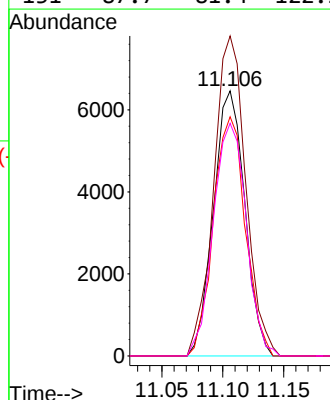
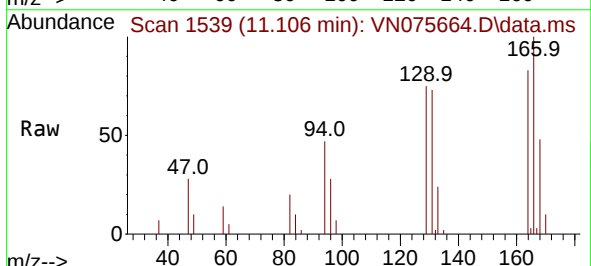
Ion Ratio Lower Upper

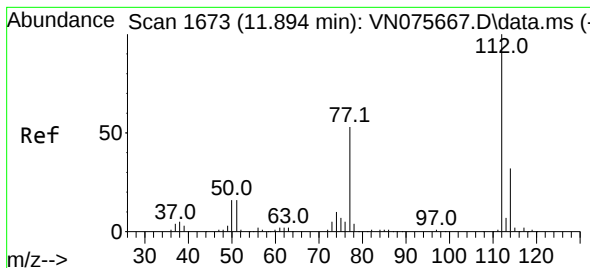
164 100

166 120.7 106.5 159.7

129 90.2 81.9 122.9

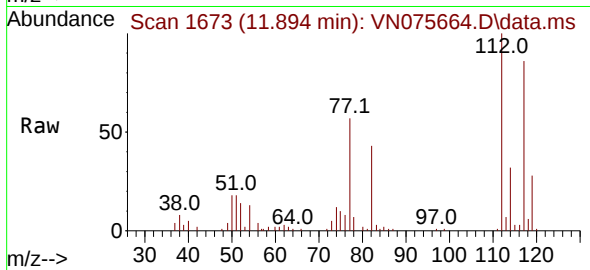
131 87.7 81.4 122.2





#65
Chlorobenzene
Concen: 4.964 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

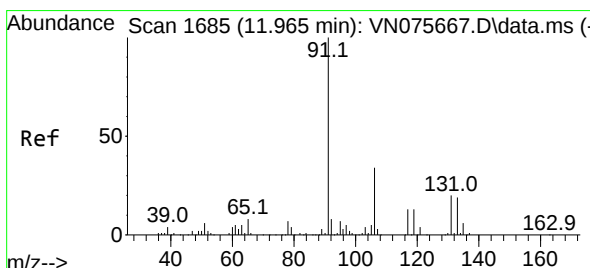
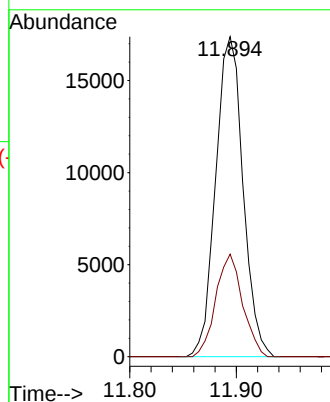
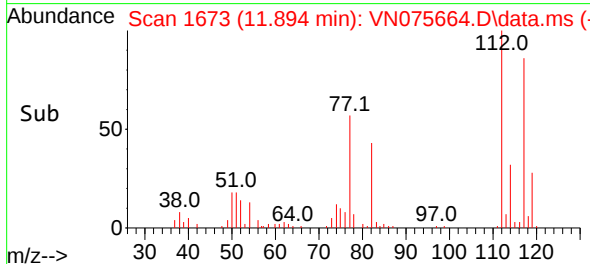
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



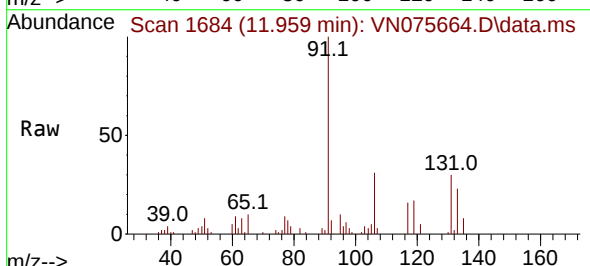
Tgt Ion:112 Resp: 3096
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

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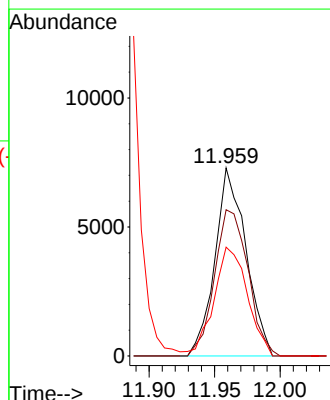
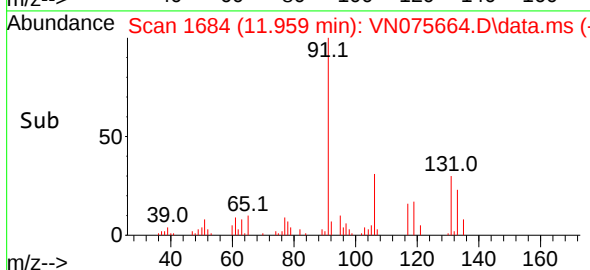
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

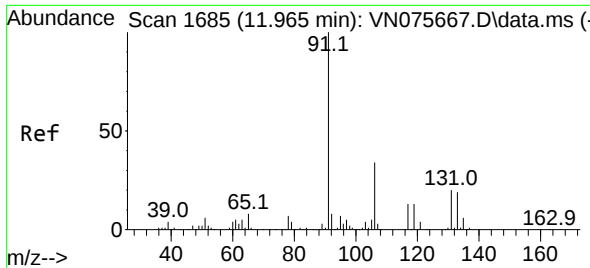


#66
1,1,1,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



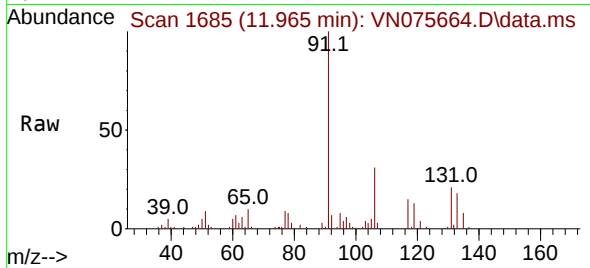
Tgt Ion:131 Resp: 11960
Ion Ratio Lower Upper
131 100
133 84.2 47.8 143.4
119 62.8 33.0 99.0





#67
Ethyl Benzene
Concen: 4.819 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

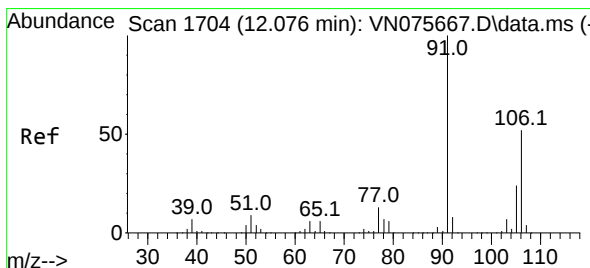
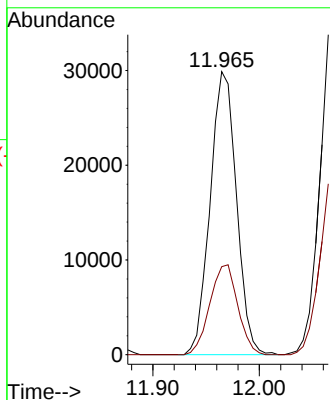
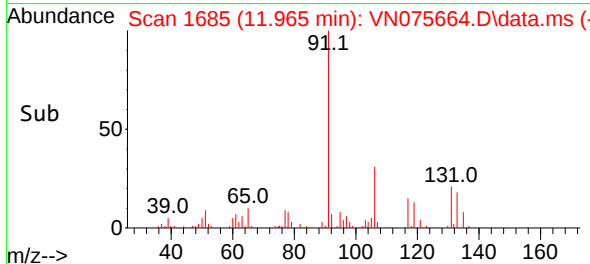
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



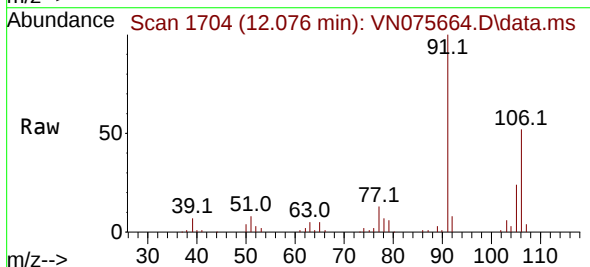
Tgt Ion: 91 Resp: 51278
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

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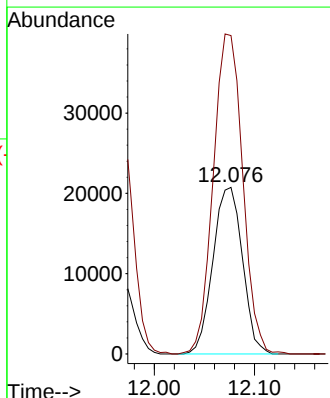
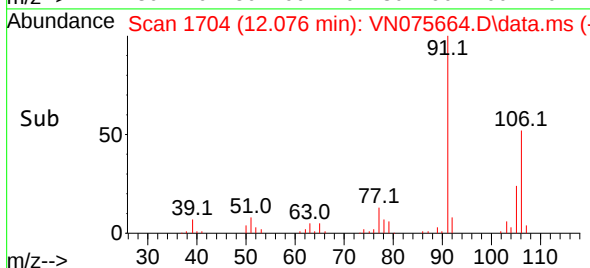
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

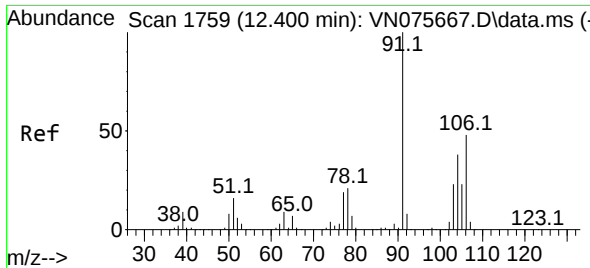


#68
m/p-Xylenes
Concen: 9.790 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion:106 Resp: 42308
Ion Ratio Lower Upper
106 100
91 191.7 156.0 234.0





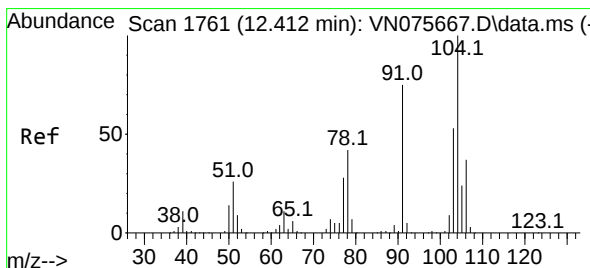
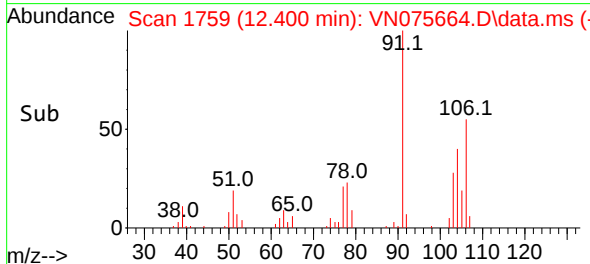
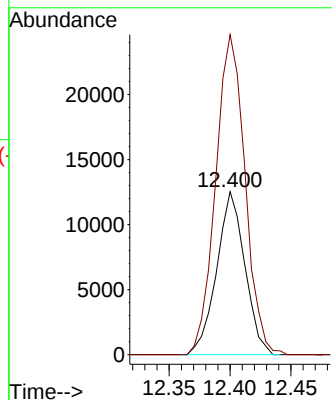
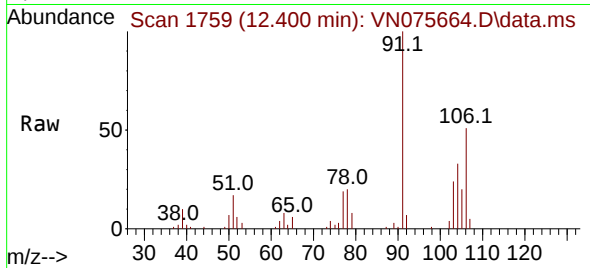
#69
o-Xylene
Concen: 4.702 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2018
Ion Ratio Lower Upper
106 100
91 204.8 105.2 315.5

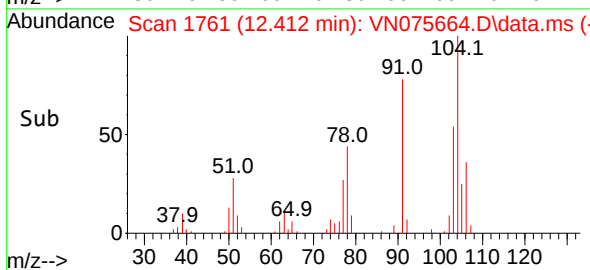
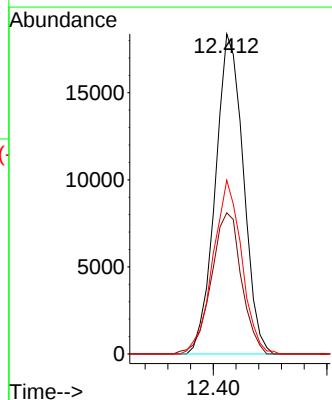
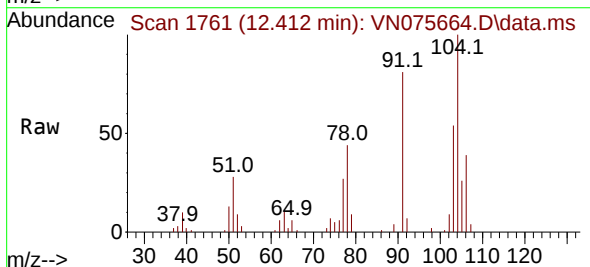
Manual Integrations
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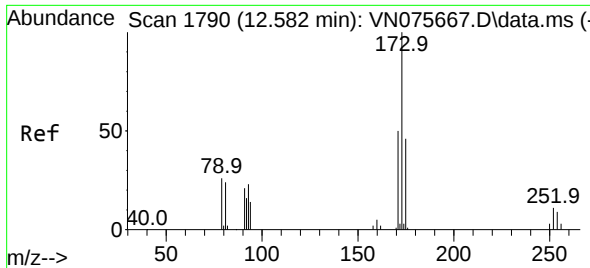
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 4.643 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:104 Resp: 31451
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 55.7 44.6 66.8





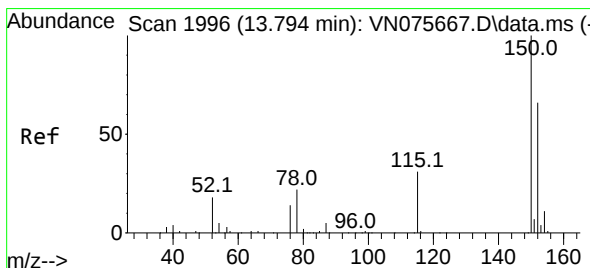
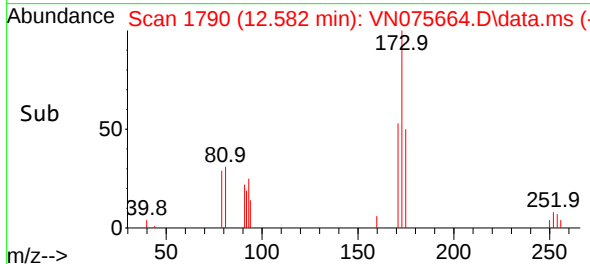
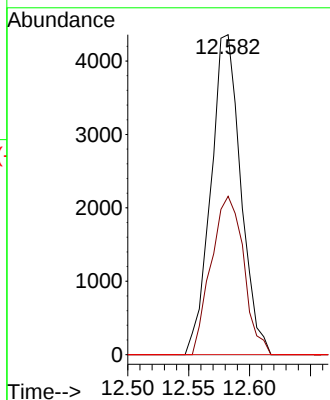
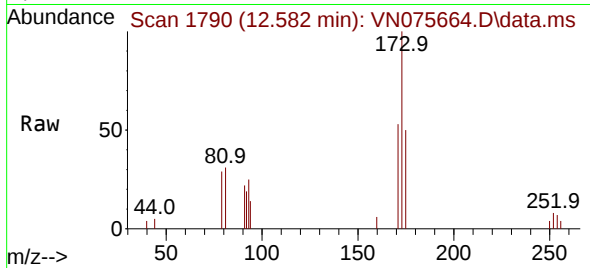
#71
Bromoform
Concen: 4.204 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 7448
Ion Ratio Lower Upper
173 100
175 53.8 24.6 74.0
254 0.0 0.0 0.0

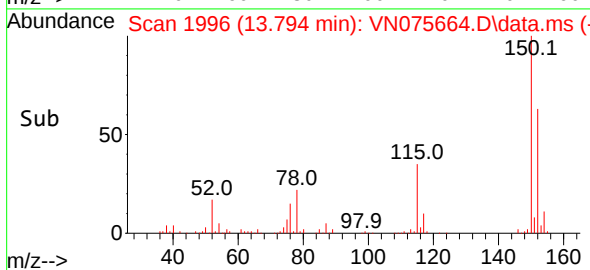
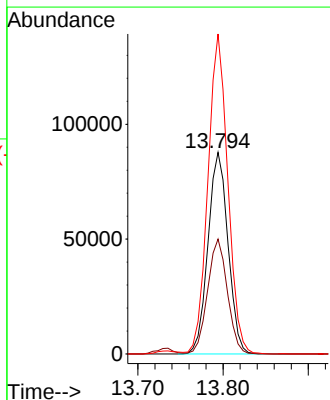
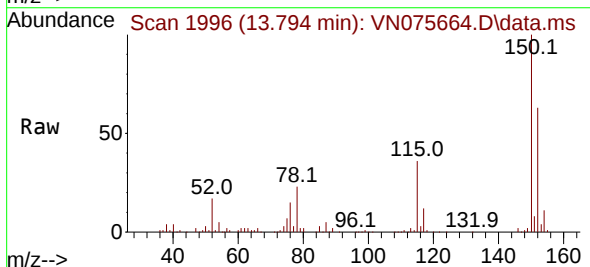
Manual Integrations
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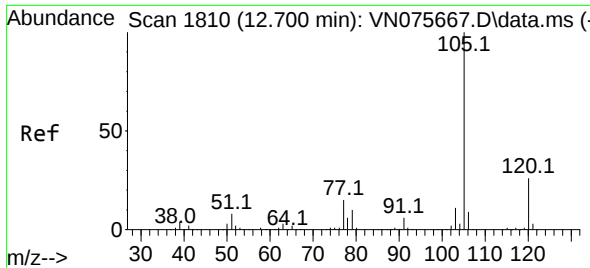
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Tgt Ion:152 Resp: 143235
Ion Ratio Lower Upper
152 100
115 56.3 30.2 90.6
150 157.6 0.0 348.4





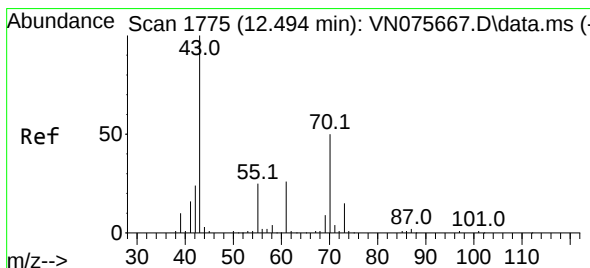
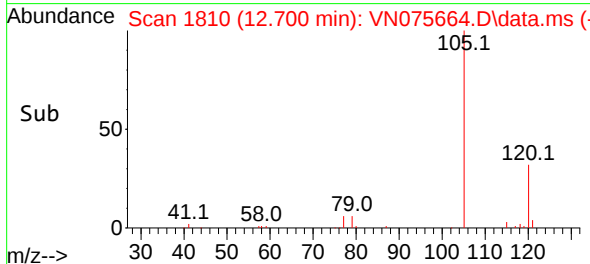
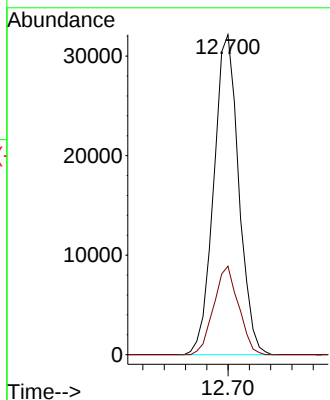
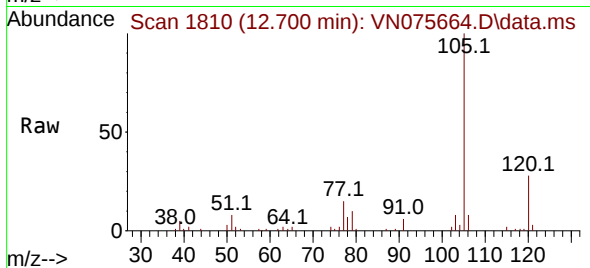
#73
Isopropylbenzene
Concen: 5.003 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 5235
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

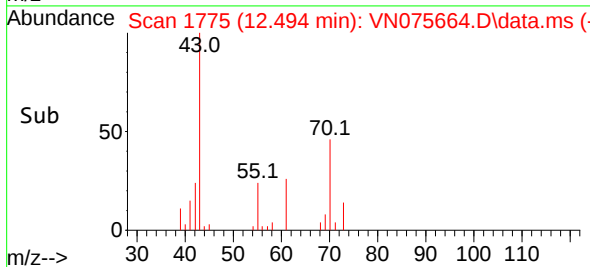
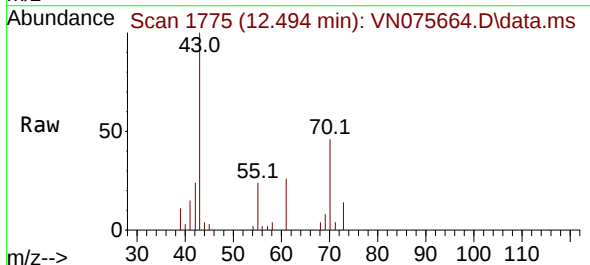
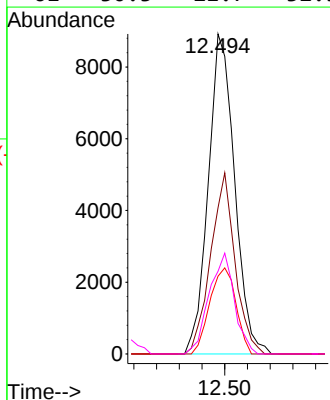
Manual Integrations
APPROVED

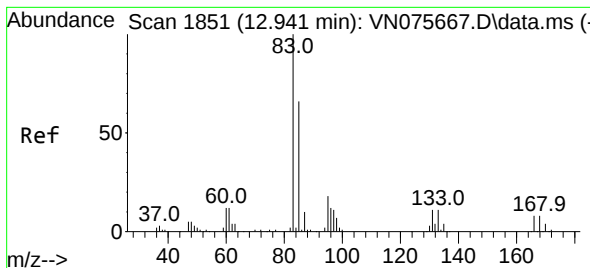
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#74
N-ethyl acetate
Concen: 4.464 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

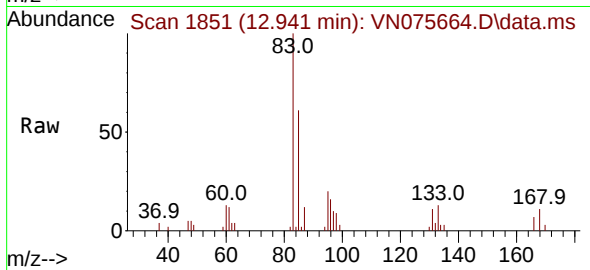
Tgt Ion: 43 Resp: 14363
Ion Ratio Lower Upper
43 100
70 52.5 39.8 59.8
55 26.7 19.9 29.9
61 30.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 4.845 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

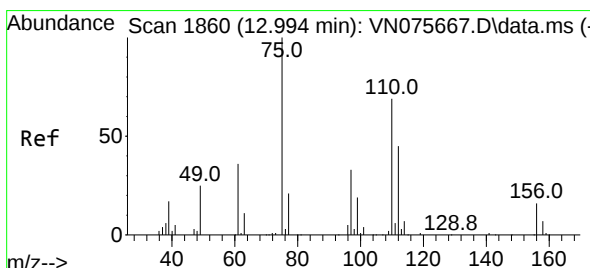
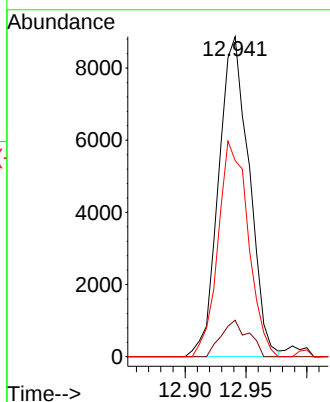
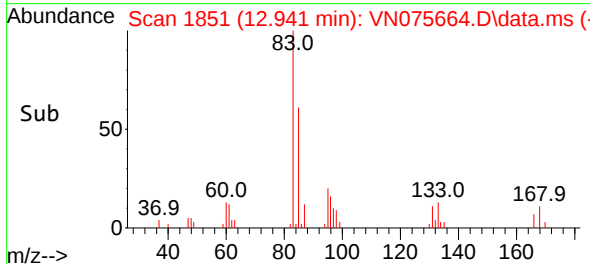
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



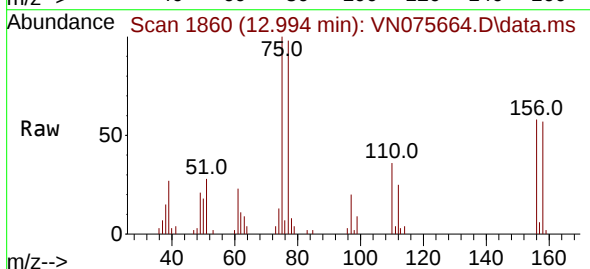
Tgt Ion: 83 Resp: 15458
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 66.5 31.6 94.7

Manual Integrations
APPROVED

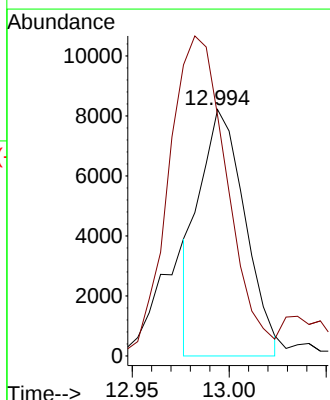
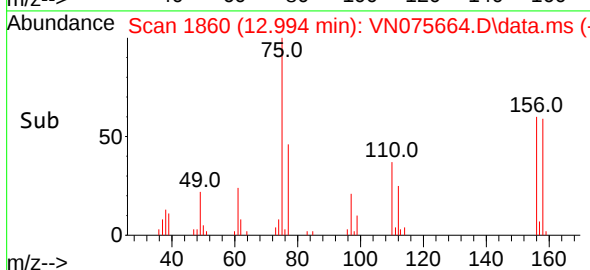
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

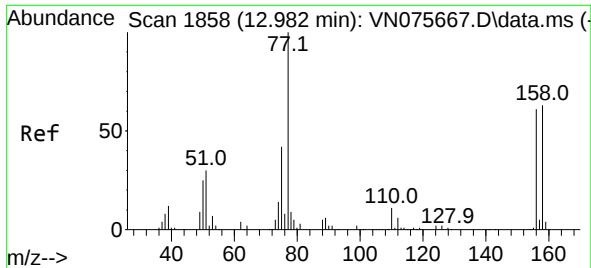


#76
1,2,3-Trichloropropane
Concen: 4.965 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



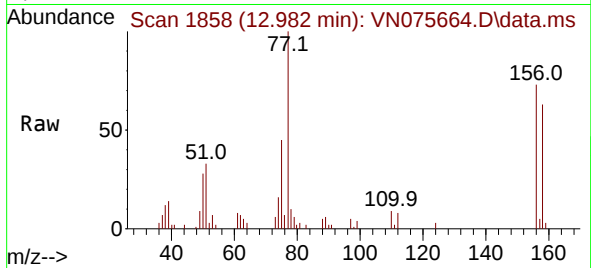
Tgt Ion: 75 Resp: 13446
Ion Ratio Lower Upper
75 100
77 166.6 75.6 226.8





#77
Bromobenzene
Concen: 5.131 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

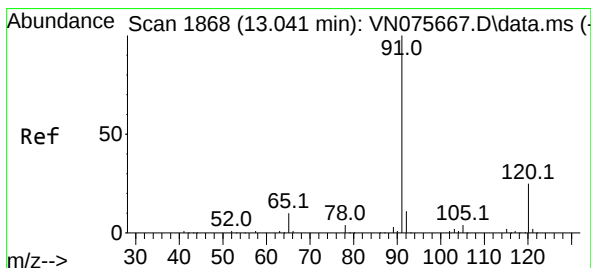
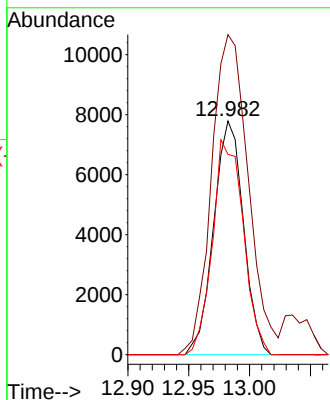
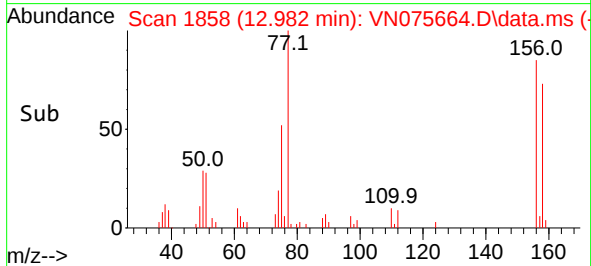
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



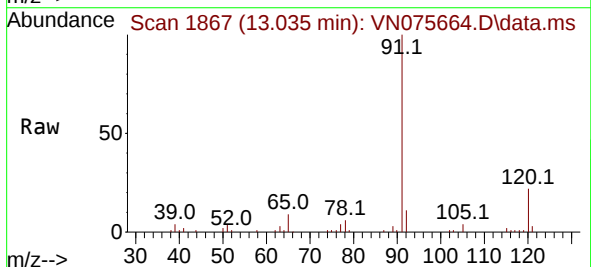
Tgt Ion:156 Resp: 1325
Ion Ratio Lower Upper
156 100
77 169.0 108.5 325.5
158 95.3 47.7 143.1

Manual Integrations
APPROVED

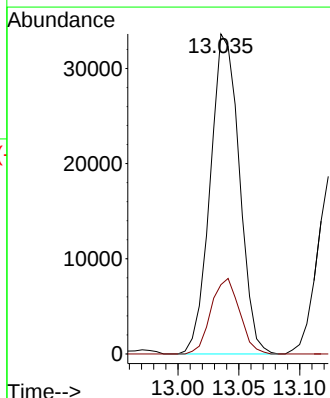
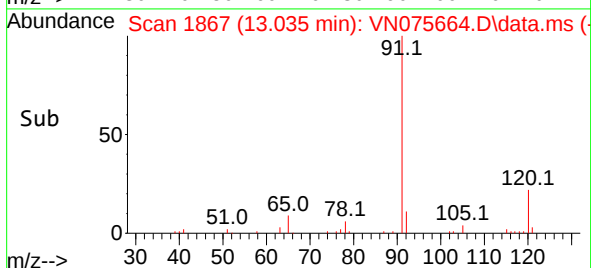
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

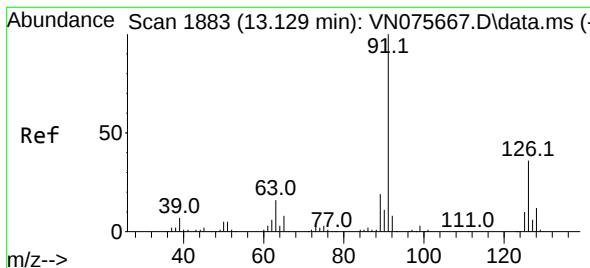


#78
n-propylbenzene
Concen: 4.781 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion: 91 Resp: 55838
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 4.988 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.005 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 3509

Ion Ratio Lower Upper

91 100

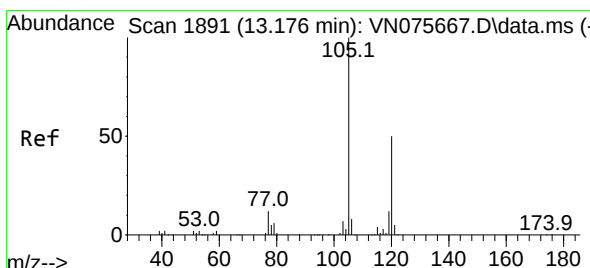
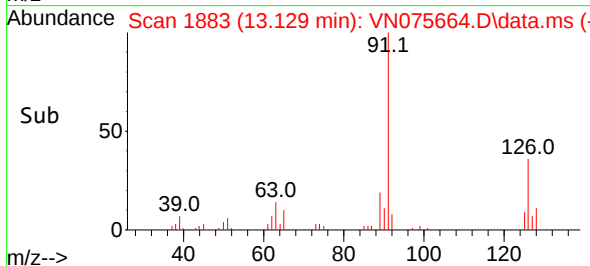
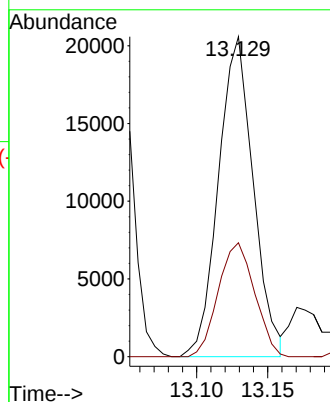
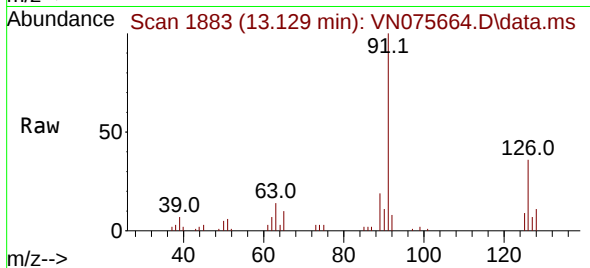
126 37.2 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.858 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075664.D

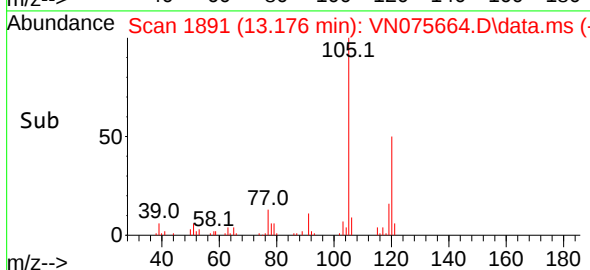
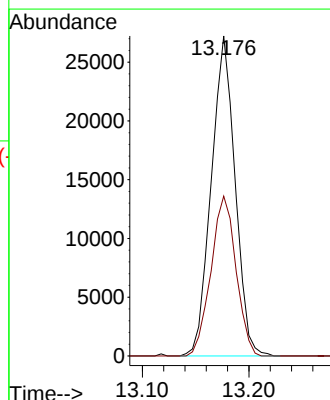
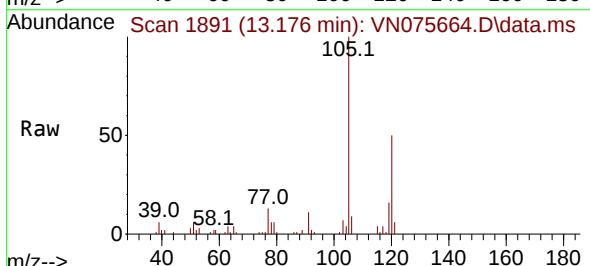
Acq: 09 Dec 2022 12:57

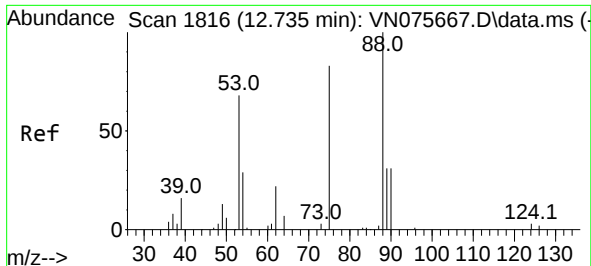
Tgt Ion:105 Resp: 42235

Ion Ratio Lower Upper

105 100

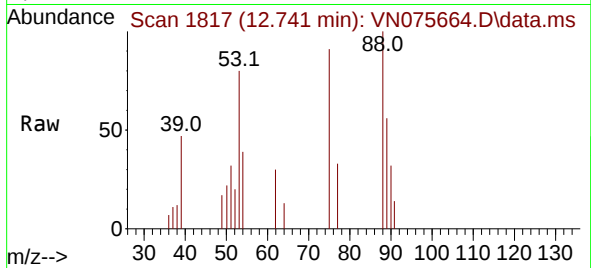
120 52.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 3.398 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

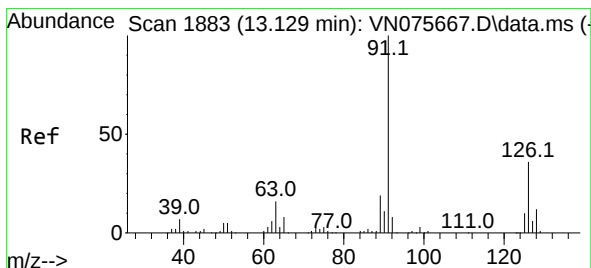
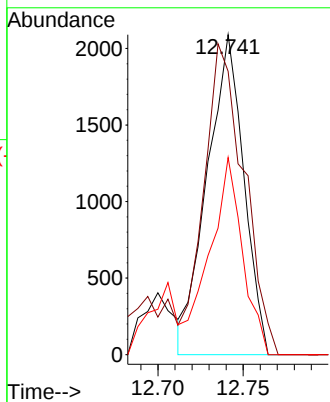
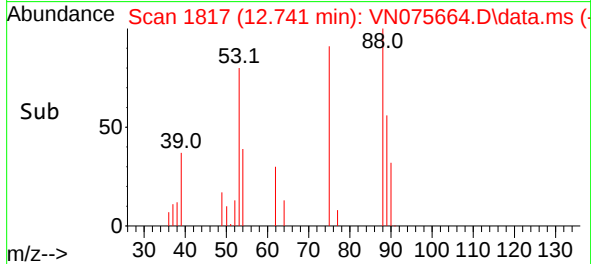
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3110
Ion Ratio Lower Upper
75 100
53 106.5 78.5 117.7
89 56.0 37.7 56.5

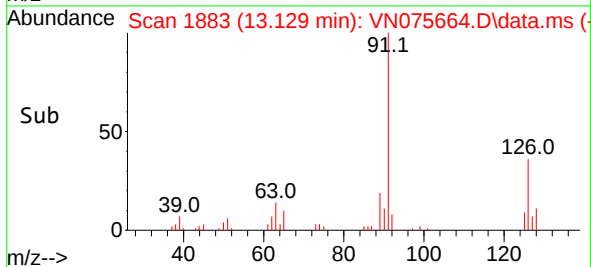
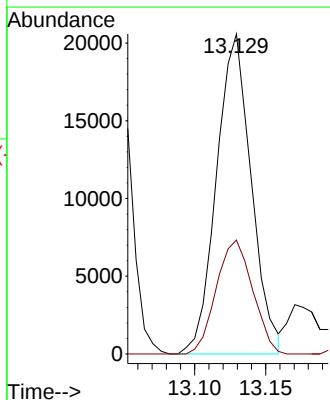
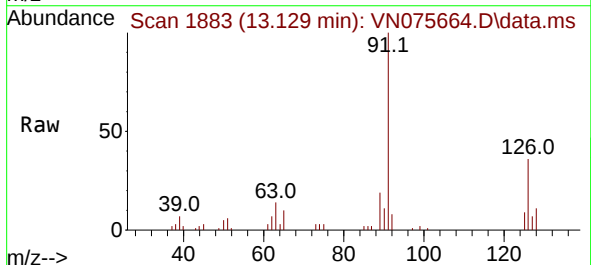
Manual Integrations
APPROVED

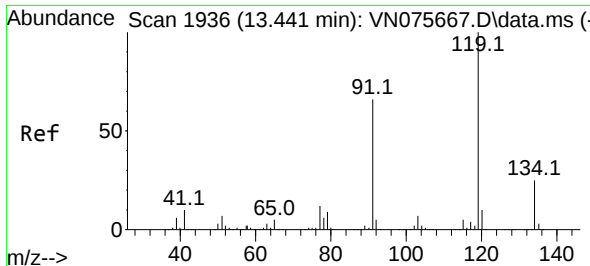
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 4.988 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

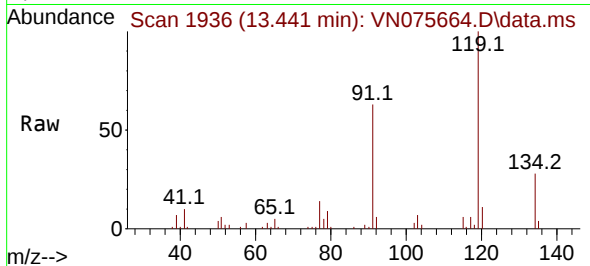
Tgt Ion: 91 Resp: 35097
Ion Ratio Lower Upper
91 100
126 37.2 16.9 50.7





#83
tert-Butylbenzene
Concen: 5.007 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

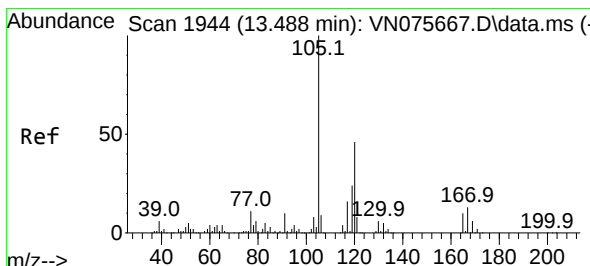
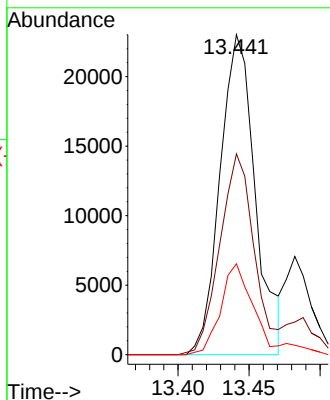
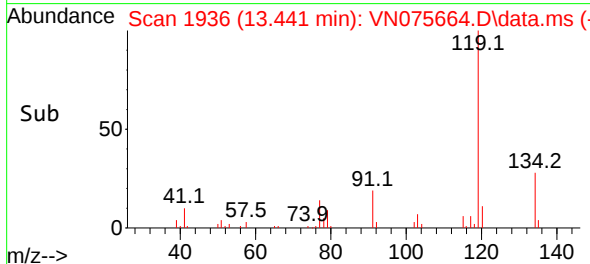
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



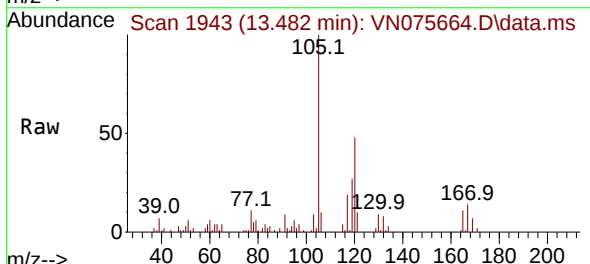
Tgt Ion:119 Resp: 3968
Ion Ratio Lower Upper
119 100
91 61.5 32.8 98.4
134 25.8 12.3 36.9

Manual Integrations
APPROVED

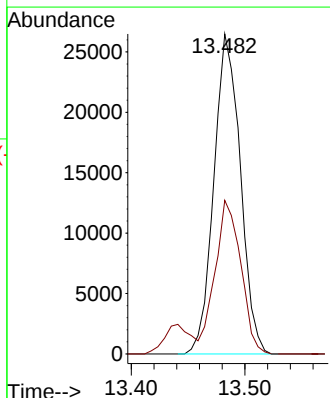
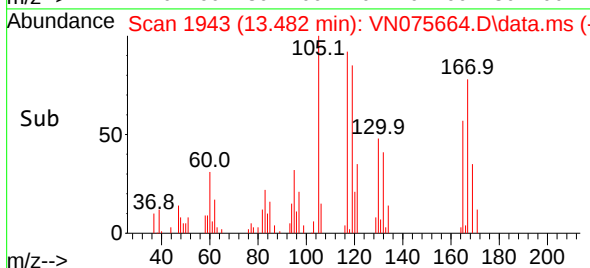
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

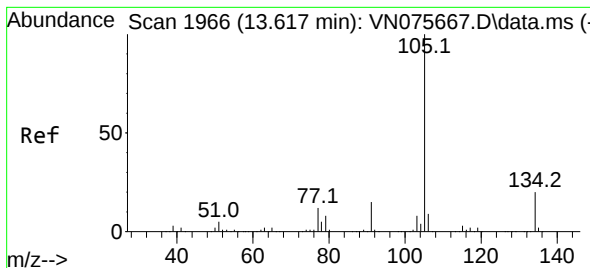


#84
1,2,4-Trimethylbenzene
Concen: 4.910 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion:105 Resp: 42821
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 4.825 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 5190

Ion Ratio Lower Upper

105 100

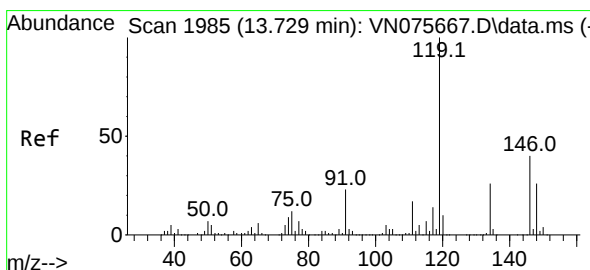
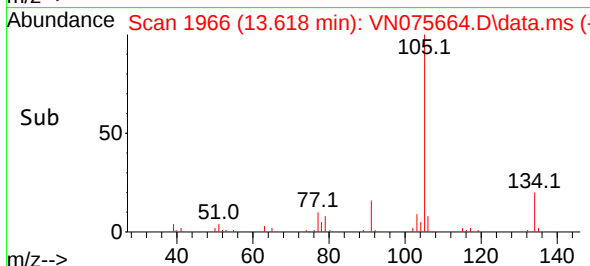
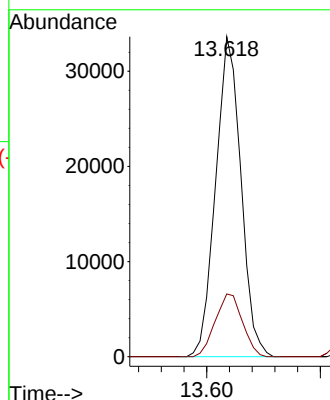
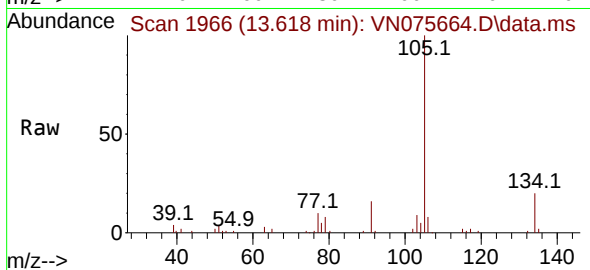
134 21.1 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#86

p-Isopropyltoluene

Concen: 4.851 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

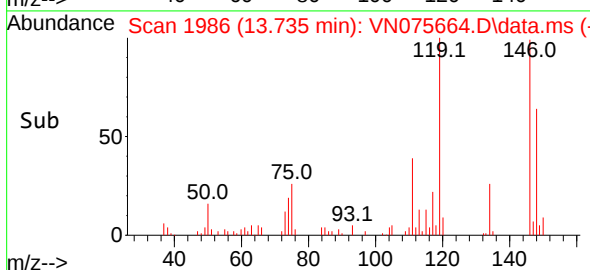
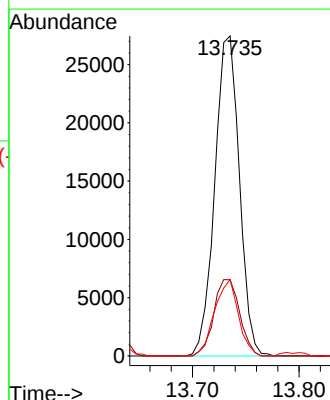
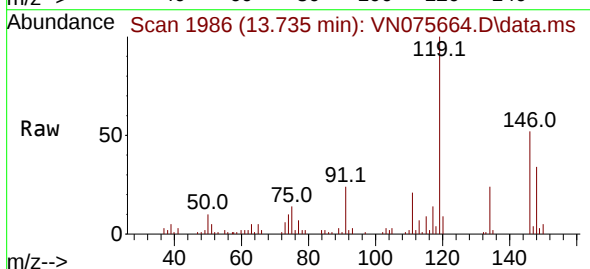
Tgt Ion:119 Resp: 43895

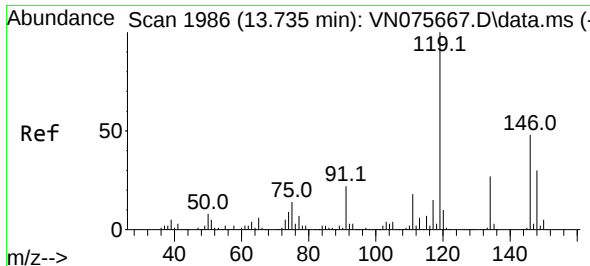
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 23.1 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 4.883 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 2390

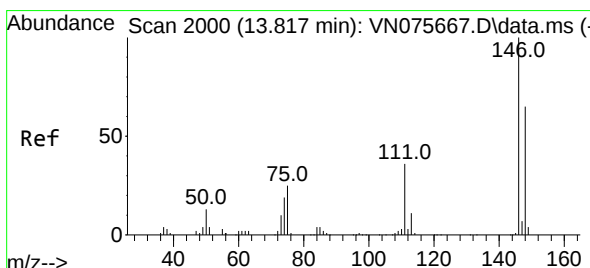
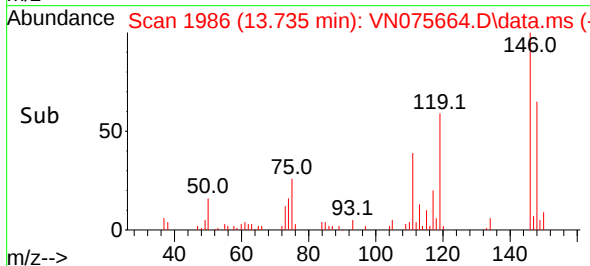
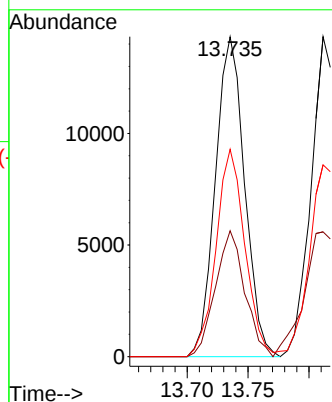
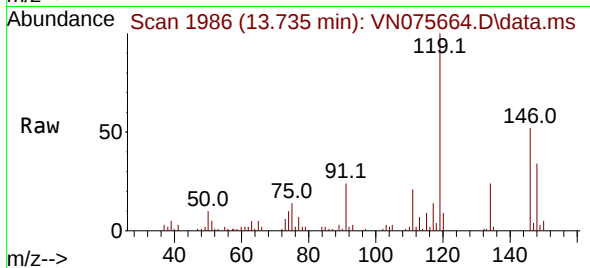
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.8	62.5
148	63.9	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#88

1,4-Dichlorobenzene

Concen: 4.873 ug/l

RT: 13.812 min Scan# 1999

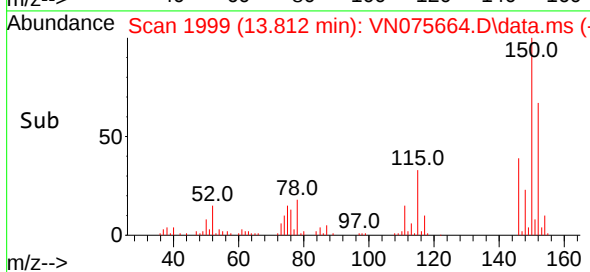
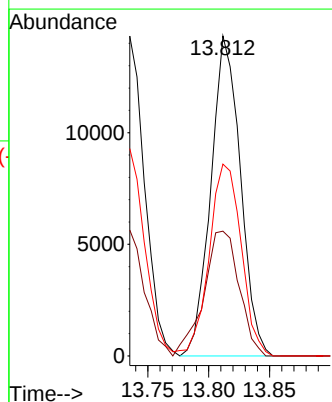
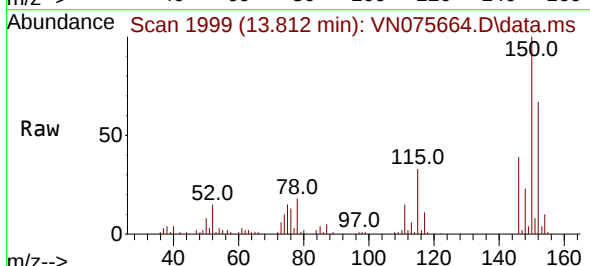
Delta R.T. -0.000 min

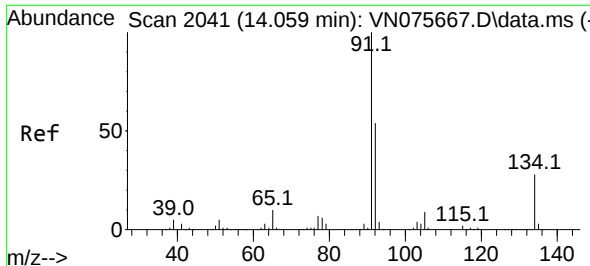
Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion:146 Resp: 24232

Ion	Ratio	Lower	Upper
146	100		
111	46.5	20.1	60.3
148	65.0	31.9	95.7





#89

n-Butylbenzene

Concen: 4.368 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3338

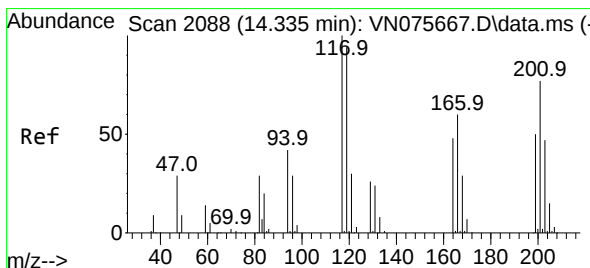
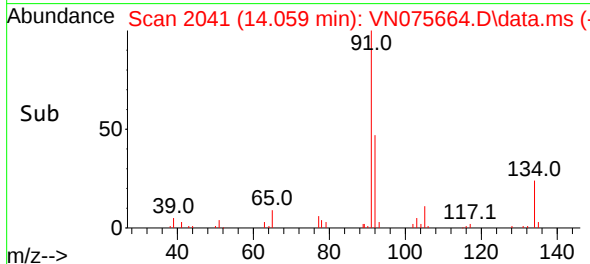
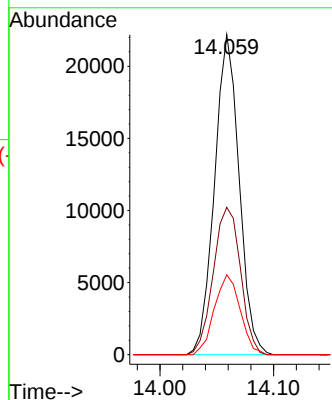
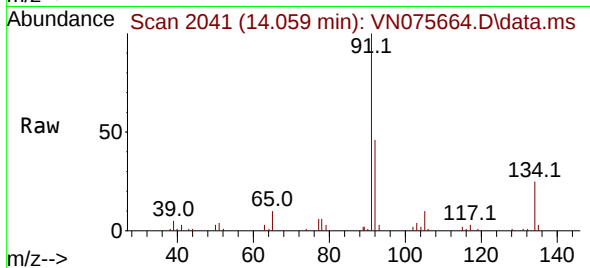
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.5	79.4
134	26.2	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#90

Hexachloroethane

Concen: 4.714 ug/l

RT: 14.335 min Scan# 2088

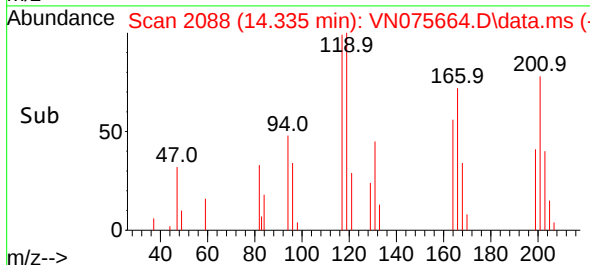
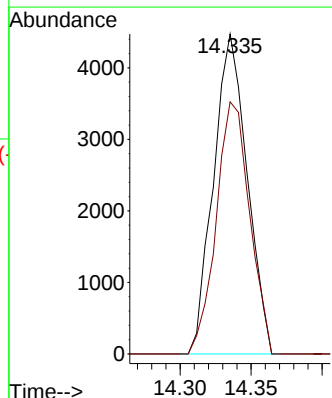
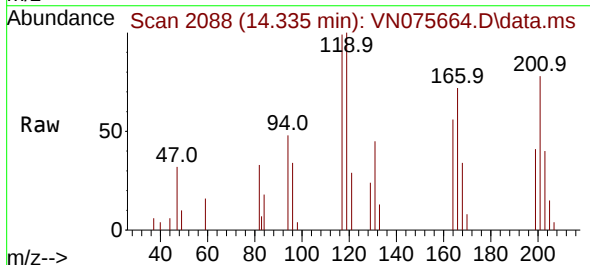
Delta R.T. 0.000 min

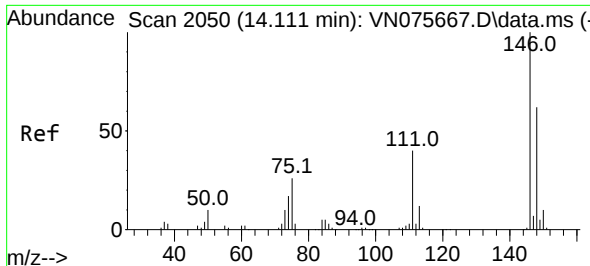
Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Tgt Ion:117 Resp: 7360

Ion	Ratio	Lower	Upper
117	100		
201	78.5	31.5	94.5





#91

1,2-Dichlorobenzene

Concen: 4.983 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

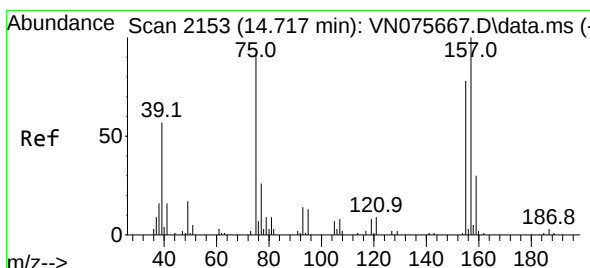
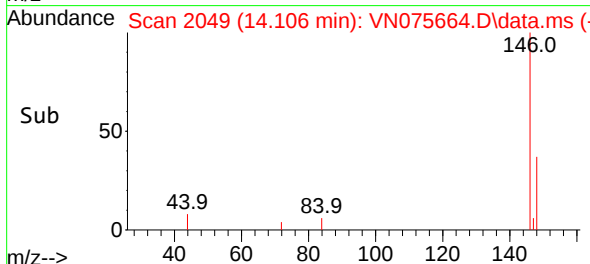
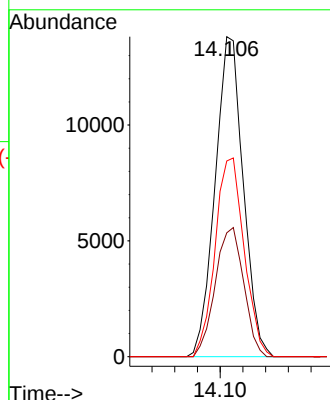
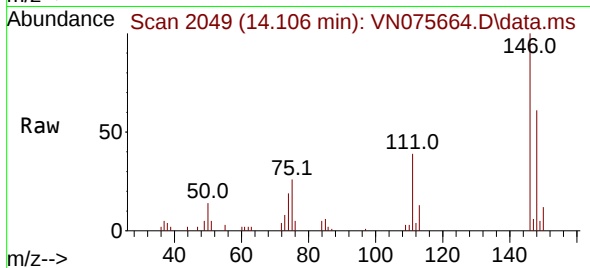
Tgt Ion:146	Resp:	2377
Ion Ratio	Lower	Upper
146	100	
111	40.8	21.3 63.9
148	64.1	31.4 94.2

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.893 ug/l

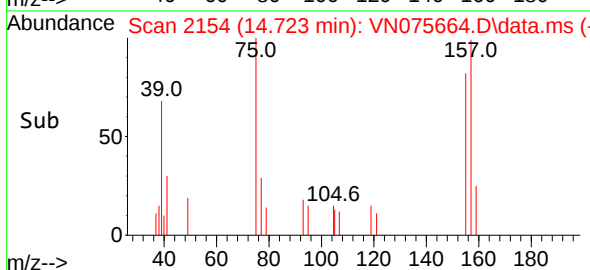
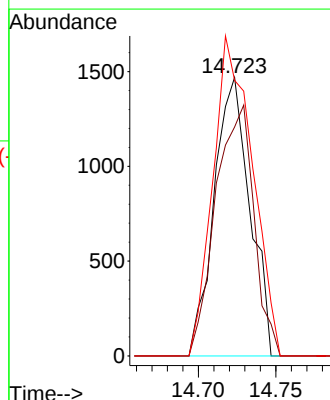
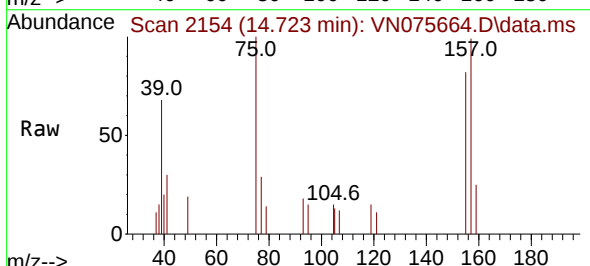
RT: 14.723 min Scan# 2154

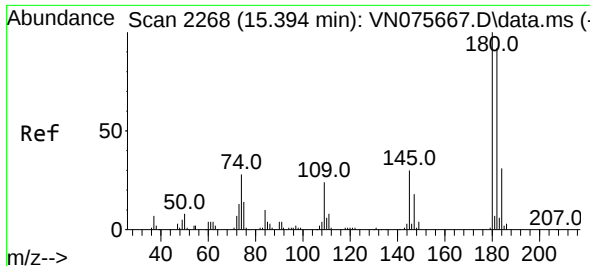
Delta R.T. 0.000 min

Lab File: VN075664.D

Acq: 09 Dec 2022 12:57

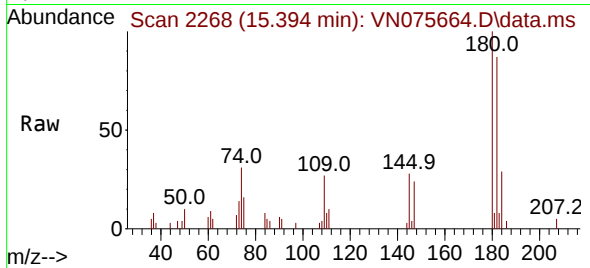
Tgt Ion: 75	Resp:	2353
Ion Ratio	Lower	Upper
75	100	
155	96.2	42.1 126.3
157	126.7	51.7 155.1





#93
 1,2,4-Trichlorobenzene
 Concen: 4.324 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57

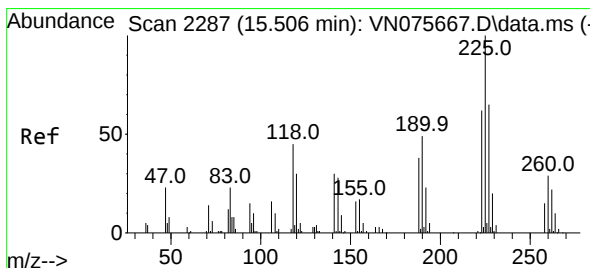
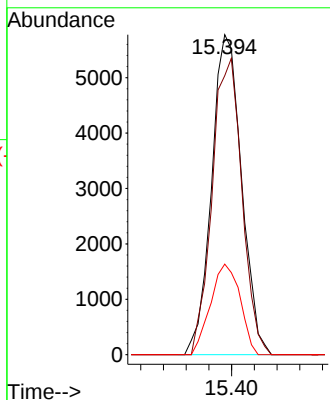
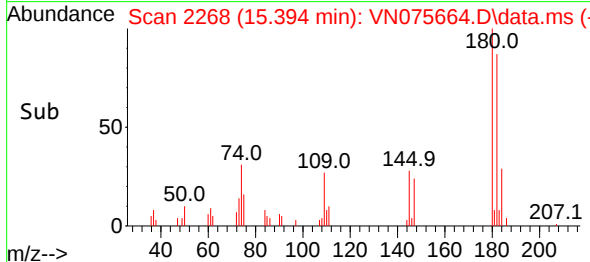
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



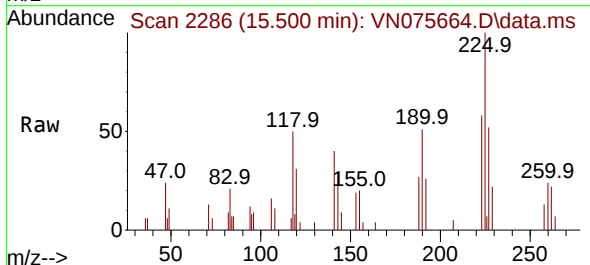
Tgt Ion:180 Resp: 10572
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.8 143.4
 145 28.0 16.8 50.3

Manual Integrations
 APPROVED

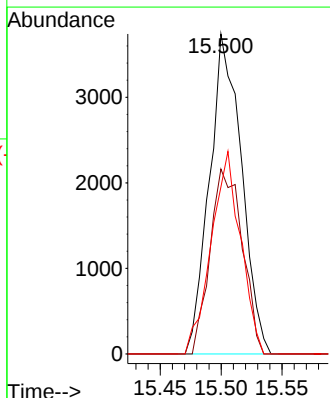
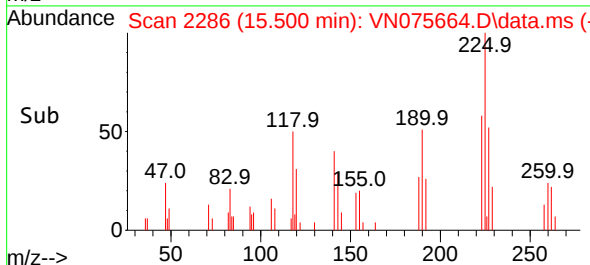
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

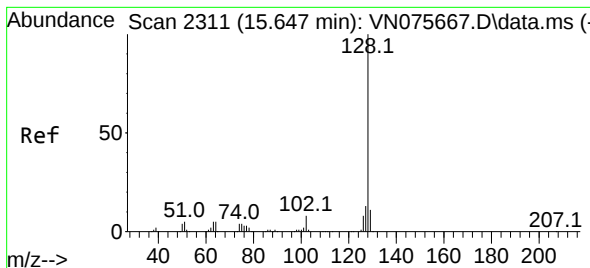


#94
 Hexachlorobutadiene
 Concen: 5.382 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: VN075664.D
 Acq: 09 Dec 2022 12:57



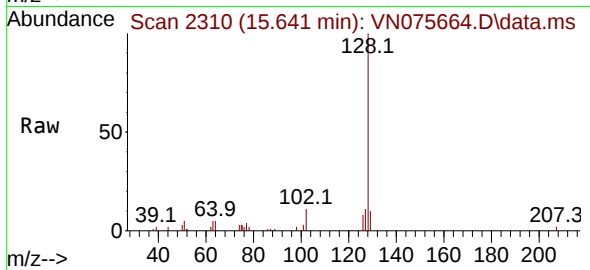
Tgt Ion:225 Resp: 6855
 Ion Ratio Lower Upper
 225 100
 223 58.0 32.3 96.9
 227 58.3 32.0 96.2





#95
Naphthalene
Concen: 3.756 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57

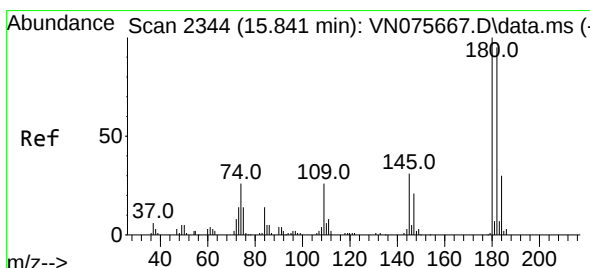
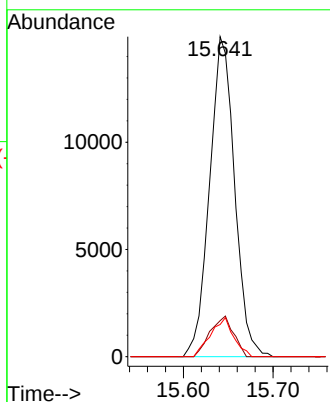
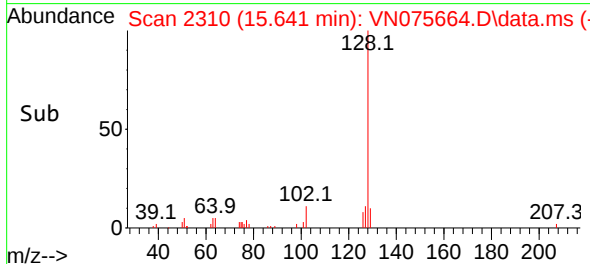
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



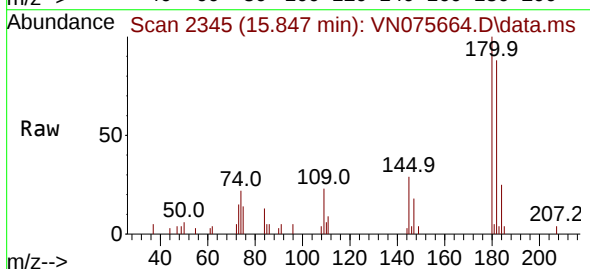
Tgt Ion:128 Resp: 2889
Ion Ratio Lower Upper
128 100
127 11.9 10.4 15.6
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.352 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075664.D
Acq: 09 Dec 2022 12:57



Tgt Ion:180 Resp: 10458
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.8
145 30.3 17.6 52.9

