

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075666.D
 Acq On : 09 Dec 2022 13:45
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 09 14:03:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	216076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	309269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43712	37.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.380%		
35) Dibromofluoromethane	8.171	113	39205	29.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	58.540%#		
50) Toluene-d8	10.571	98	149820	49.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.853	95	49978	22.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	44.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	29829	18.054	ug/l	95
3) Chloromethane	2.371	50	35688	17.359	ug/l	100
4) Vinyl Chloride	2.524	62	44528	17.185	ug/l	98
5) Bromomethane	2.954	94	37487	16.453	ug/l	89
6) Chloroethane	3.124	64	34584	17.615	ug/l	91
7) Trichlorofluoromethane	3.506	101	65987	17.827	ug/l	96
8) Diethyl Ether	3.971	74	23387	18.027	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	38086	18.638	ug/l	91
10) Methyl Iodide	4.600	142	64088	19.355	ug/l	93
11) Tert butyl alcohol	5.530	59	32168	66.067	ug/l	98
12) 1,1-Dichloroethene	4.359	96	36475	18.229	ug/l	85
13) Acrolein	4.195	56	38384	90.492	ug/l	98
14) Allyl chloride	5.042	41	45387m	17.536	ug/l	
15) Acrylonitrile	5.736	53	85455	76.499	ug/l	99
16) Acetone	4.442	43	76119	70.359	ug/l	97
17) Carbon Disulfide	4.724	76	92195	17.729	ug/l	100
18) Methyl Acetate	5.042	43	46250	14.441	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	124589	17.576	ug/l	99
20) Methylene Chloride	5.289	84	42065	16.595	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	40674	17.836	ug/l	96
22) Diisopropyl ether	6.683	45	106476	18.027	ug/l	97
23) Vinyl Acetate	6.612	43	399884	85.100	ug/l	97
24) 1,1-Dichloroethane	6.583	63	67541	17.815	ug/l	97
25) 2-Butanone	7.489	43	110491	73.152	ug/l	98
26) 2,2-Dichloropropane	7.494	77	58635	16.641	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	48493	18.806	ug/l	92
28) Bromochloromethane	7.824	49	29063	18.885	ug/l	84
29) Tetrahydrofuran	7.847	42	70201	76.410	ug/l	96
30) Chloroform	7.971	83	76933	17.671	ug/l	98
31) Cyclohexane	8.265	56	65251	17.707	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	71156	18.000	ug/l	94
36) 1,1-Dichloropropene	8.377	75	56312	19.275	ug/l	97
37) Ethyl Acetate	7.565	43	47042	17.883	ug/l	98
38) Carbon Tetrachloride	8.365	117	62888	19.596	ug/l	99
39) Methylcyclohexane	9.606	83	72003	19.693	ug/l	96
40) Benzene	8.612	78	169272	18.924	ug/l	97

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21962	16.330	ug/l	91
42) 1,2-Dichloroethane	8.677	62	56114	18.732	ug/l	95
43) Isopropyl Acetate	8.694	43	73943	17.512	ug/l	96
44) Trichloroethene	9.359	130	47064	19.230	ug/l	94
45) 1,2-Dichloropropane	9.624	63	39383	18.476	ug/l	97
46) Dibromomethane	9.712	93	30642	19.006	ug/l #	89
47) Bromodichloromethane	9.888	83	59770	19.143	ug/l #	95
48) Methyl methacrylate	9.682	41	34103	17.467	ug/l	96
49) 1,4-Dioxane	9.694	88	17239	310.950	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	232251	86.360	ug/l	96
52) Toluene	10.635	92	113431	19.679	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	60059	19.161	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	65430	19.220	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	45034	19.183	ug/l	95
56) Ethyl methacrylate	10.877	69	61083	19.266	ug/l	96
57) 1,3-Dichloropropane	11.165	76	72249	18.874	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	88513	77.410	ug/l	96
59) 2-Hexanone	11.200	43	168176	83.279	ug/l	97
60) Dibromochloromethane	11.365	129	48526	20.137	ug/l	97
61) 1,2-Dibromoethane	11.471	107	45871	18.825	ug/l	99
64) Tetrachloroethene	11.106	164	43060	18.232	ug/l	94
65) Chlorobenzene	11.894	112	123386	19.319	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	45768	19.200	ug/l	99
67) Ethyl Benzene	11.965	91	215506	19.778	ug/l	98
68) m/p-Xylenes	12.076	106	172588	39.004	ug/l	98
69) o-Xylene	12.400	106	86407	19.654	ug/l	96
70) Styrene	12.412	104	140444	20.250	ug/l	97
71) Bromoform	12.582	173	36507	20.122	ug/l #	97
73) Isopropylbenzene	12.700	105	220854	19.616	ug/l	97
74) N-amyl acetate	12.494	43	63094	18.228	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	64297	18.732	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	60293m	20.693	ug/l	
77) Bromobenzene	12.982	156	54097	19.462	ug/l	83
78) n-propylbenzene	13.035	91	247750	19.718	ug/l	99
79) 2-Chlorotoluene	13.129	91	148014	19.551	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	188503	20.152	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16787	17.047	ug/l	96
82) 4-Chlorotoluene	13.129	91	148014	19.551	ug/l	95
83) tert-Butylbenzene	13.441	119	167854	19.681	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	190595	20.314	ug/l	99
85) sec-Butylbenzene	13.618	105	233937	20.216	ug/l	99
86) p-Isopropyltoluene	13.729	119	199474	20.488	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	102529	19.468	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	103662	19.377	ug/l	97
89) n-Butylbenzene	14.059	91	153690	18.690	ug/l	99
90) Hexachloroethane	14.335	117	33667	20.044	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	101509	19.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11756	18.080	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	50196	19.081	ug/l	96
94) Hexachlorobutadiene	15.506	225	28006	20.438	ug/l	98
95) Naphthalene	15.641	128	142069	17.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48208	18.645	ug/l	97

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VSTDICC020

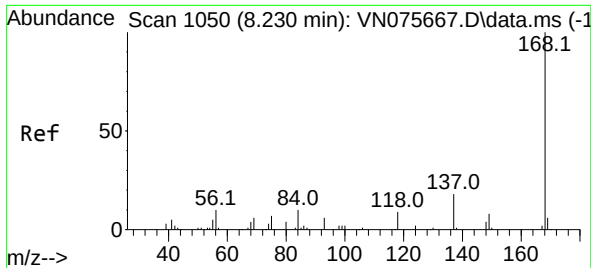
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/12/2022

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

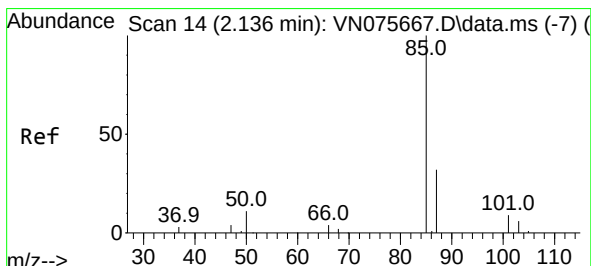
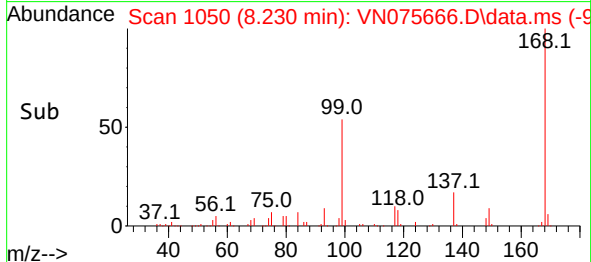
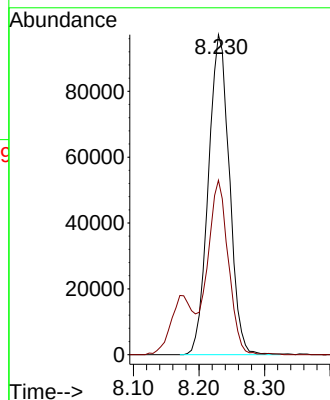
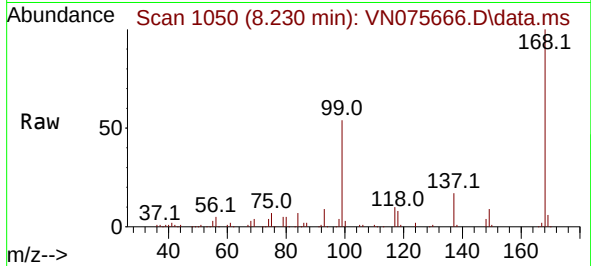
VSTDIC020

Tgt Ion:168 Resp: 216070
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4

Manual Integrations

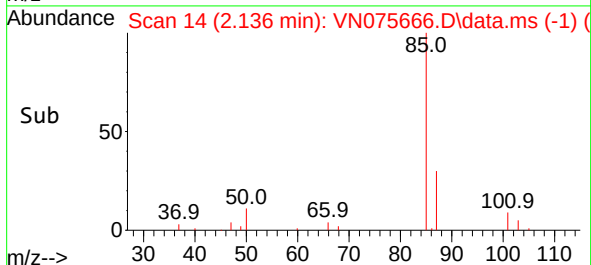
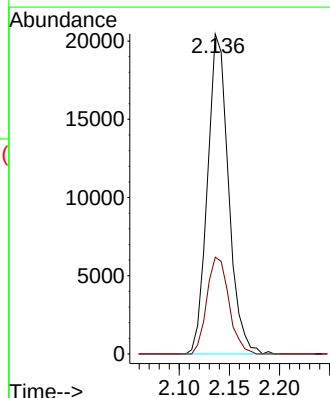
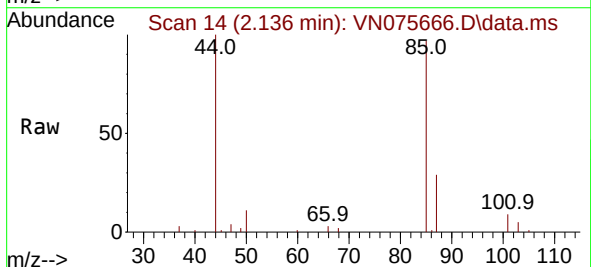
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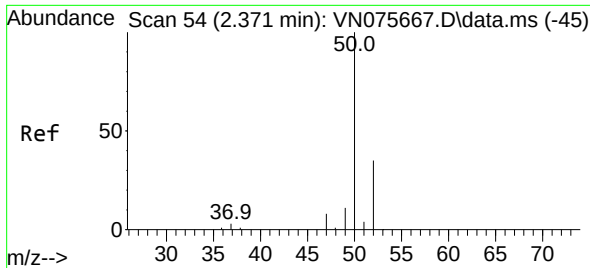
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 18.054 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

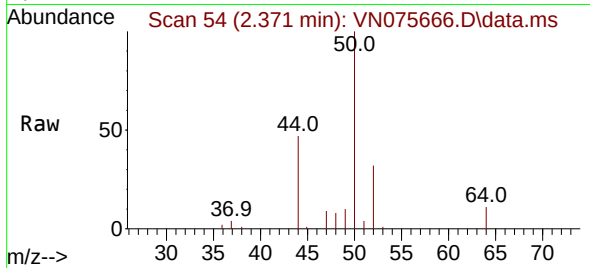
Tgt Ion: 85 Resp: 29829
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0





#3
Chloromethane
Concen: 17.359 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

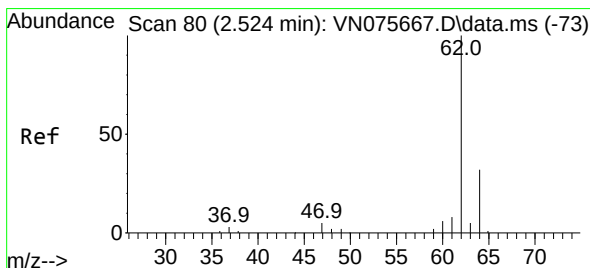
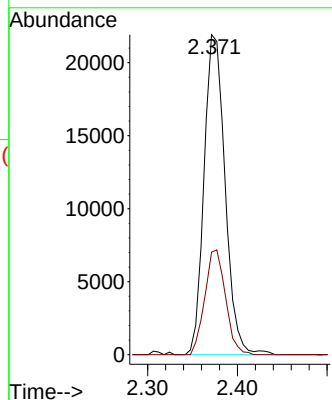
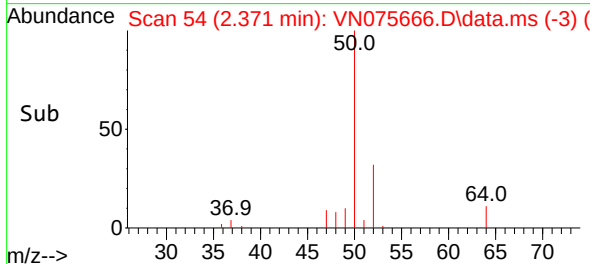
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 50 Resp: 3568
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.6

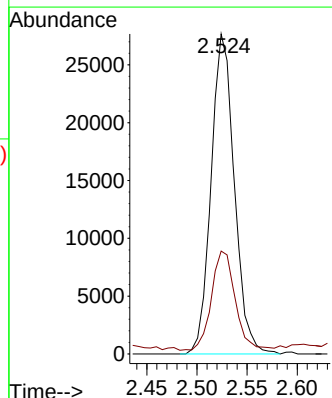
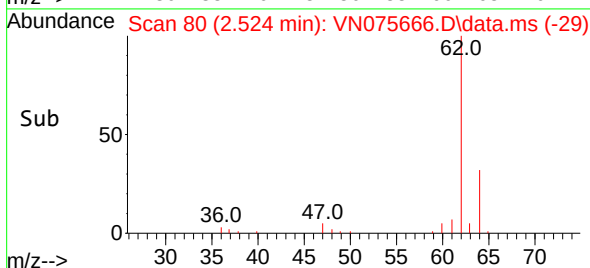
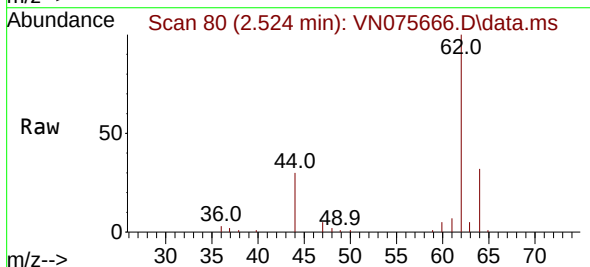
Manual Integrations
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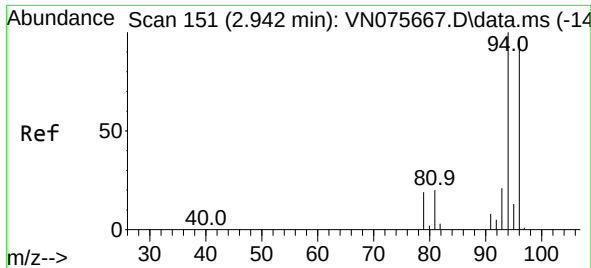
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#4
Vinyl Chloride
Concen: 17.185 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 62 Resp: 44528
Ion Ratio Lower Upper
62 100
64 31.0 24.0 36.0





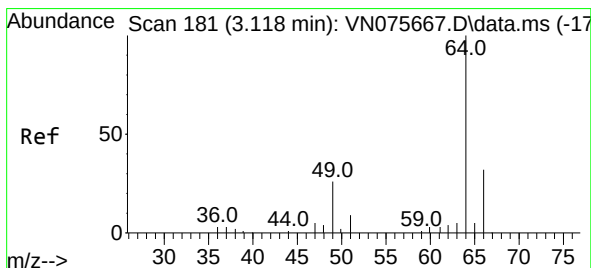
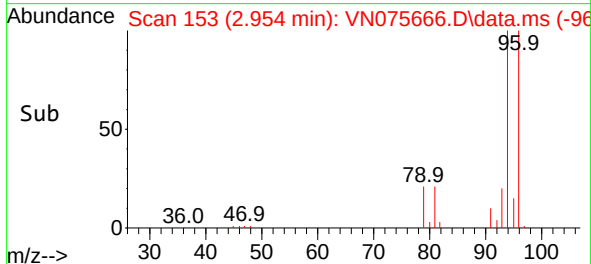
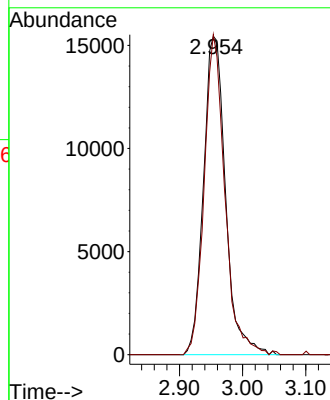
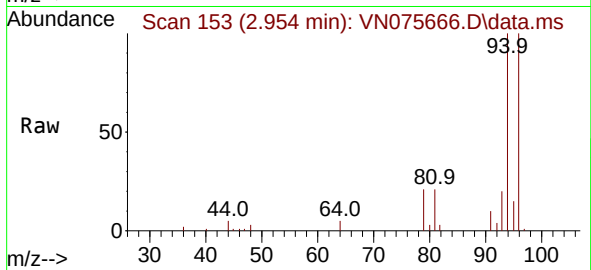
#5
Bromomethane
Concen: 16.453 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 3748
Ion Ratio Lower Upper
94 100
96 100.5 71.8 107.6

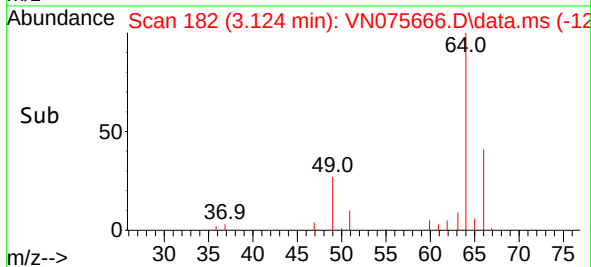
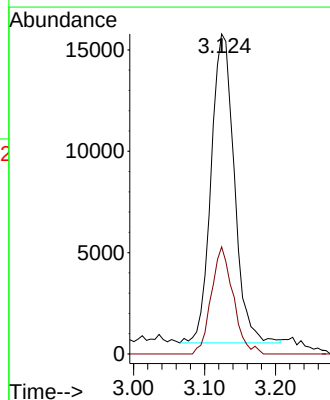
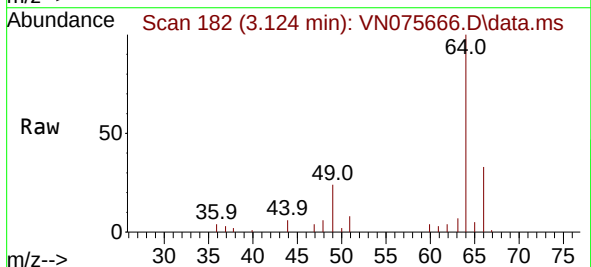
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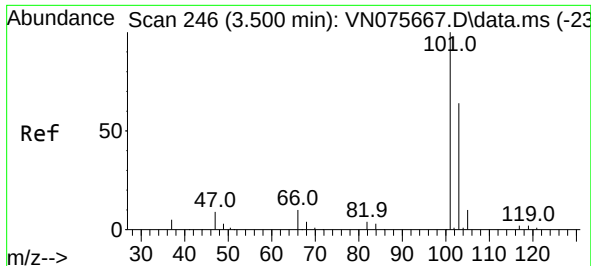
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#6
Chloroethane
Concen: 17.615 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.017 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

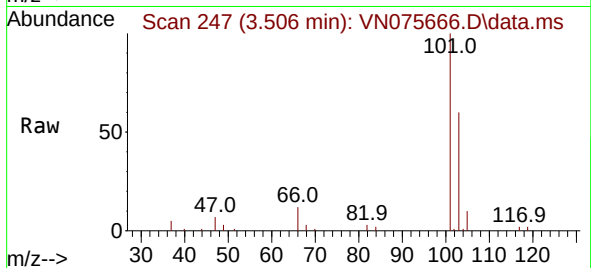
Tgt Ion: 64 Resp: 34584
Ion Ratio Lower Upper
64 100
66 34.6 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 17.827 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.005 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

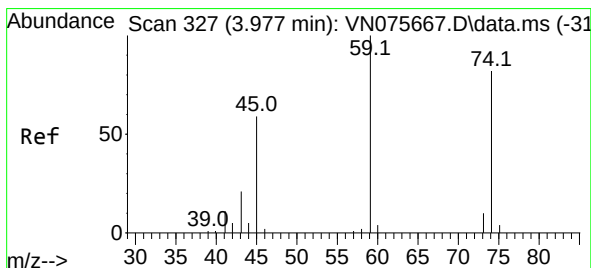
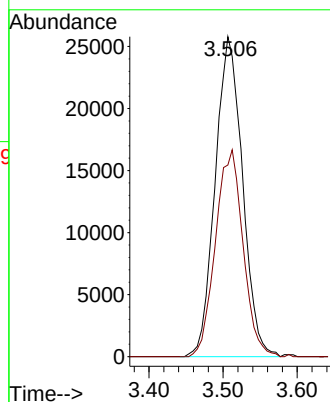
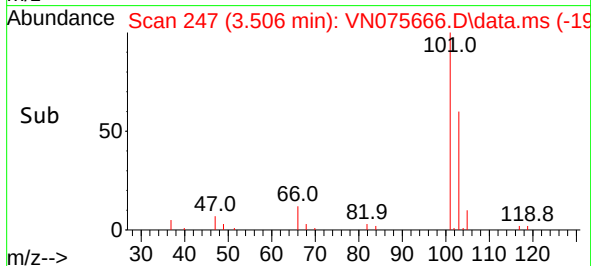
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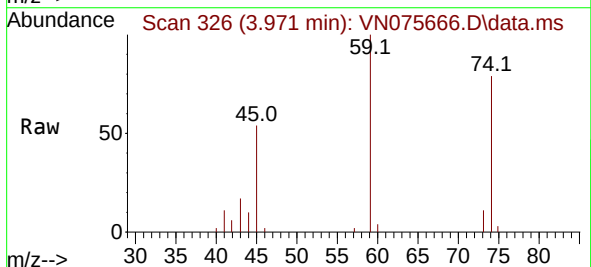
Tgt Ion:101 Resp: 6598
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.5 75.7

Manual Integrations
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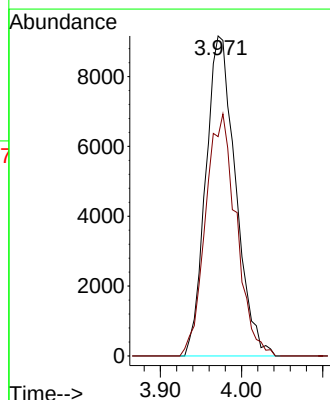
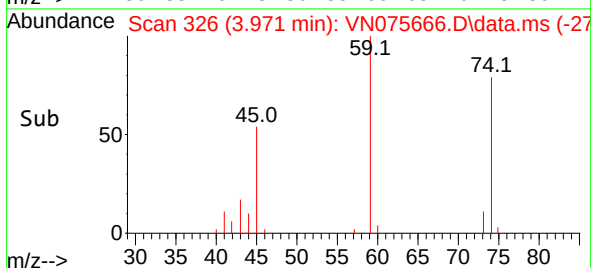
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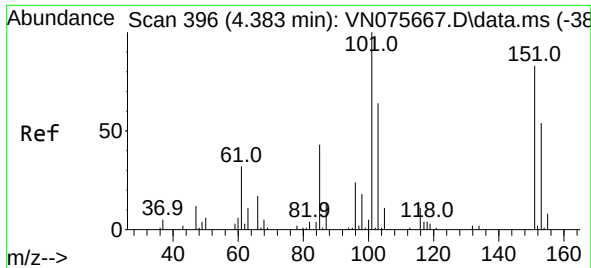


#8
 Diethyl Ether
 Concen: 18.027 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
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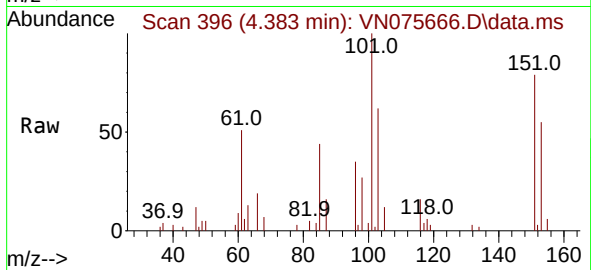
Tgt Ion: 74 Resp: 23387
 Ion Ratio Lower Upper
 74 100
 45 78.1 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.638 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075666.D
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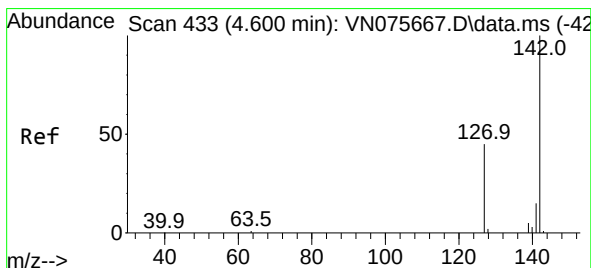
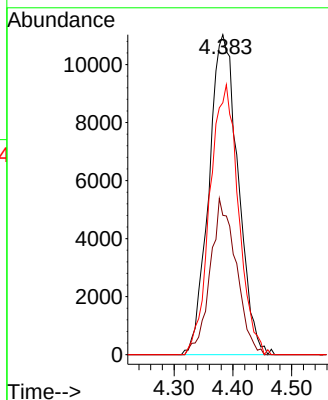
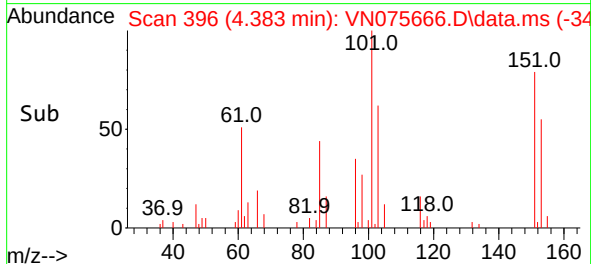
Instrument :
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Tgt Ion:101 Resp: 3808
Ion Ratio Lower Upper
101 100
85 43.3 37.6 56.4
151 82.5 58.3 87.5

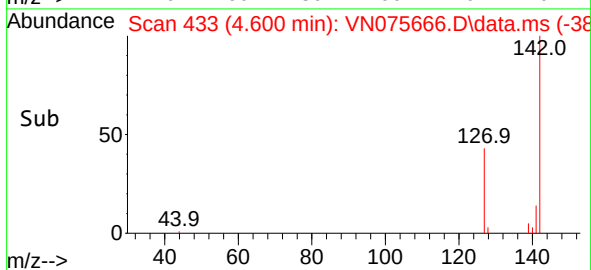
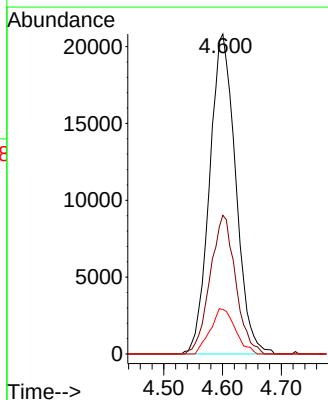
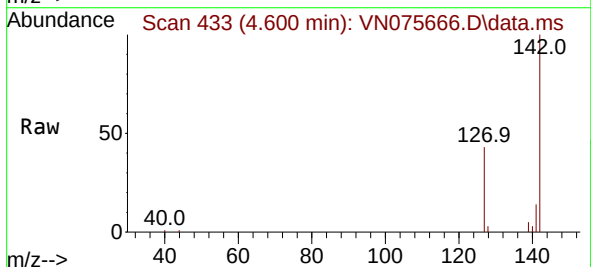
Manual Integrations
APPROVED

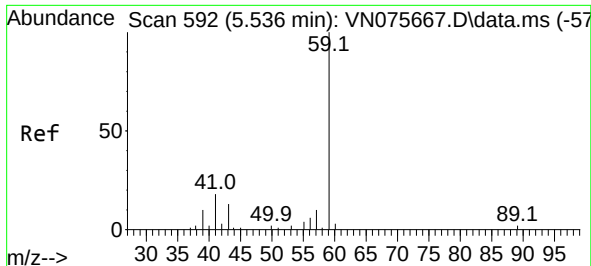
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 19.355 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:142 Resp: 64088
Ion Ratio Lower Upper
142 100
127 42.4 38.0 57.0
141 13.6 12.2 18.4





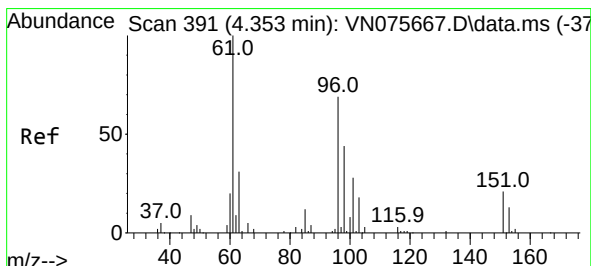
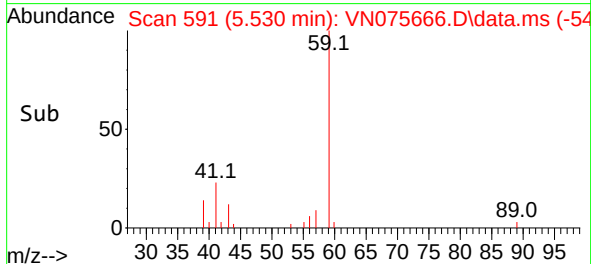
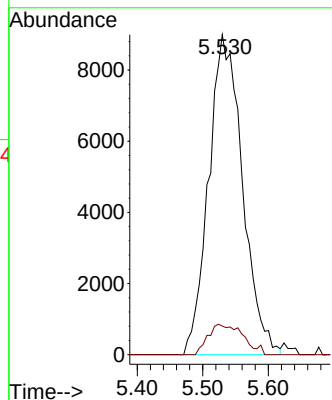
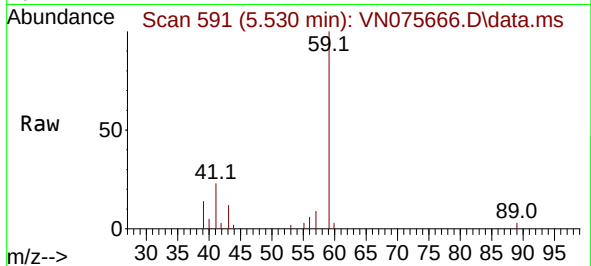
#11
Tert butyl alcohol
Concen: 66.067 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 32168
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

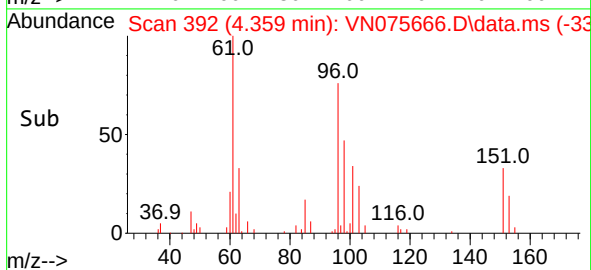
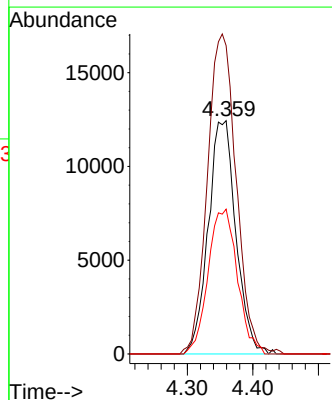
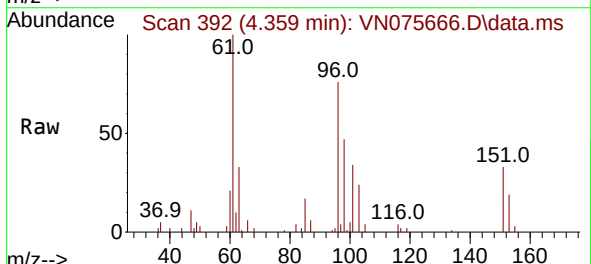
Manual Integrations
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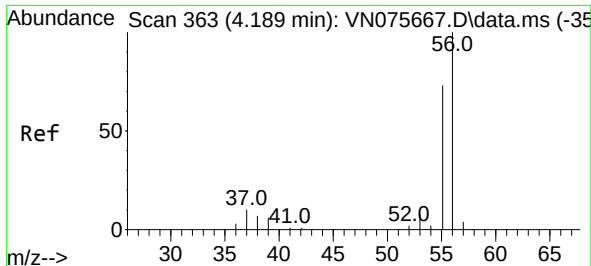
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 18.229 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

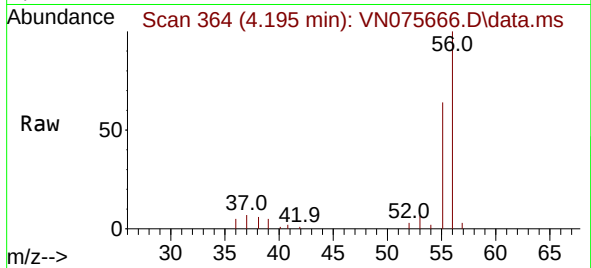
Tgt Ion: 96 Resp: 36475
Ion Ratio Lower Upper
96 100
61 132.2 126.2 189.4
98 62.1 51.5 77.3





#13
Acrolein
Concen: 90.492 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

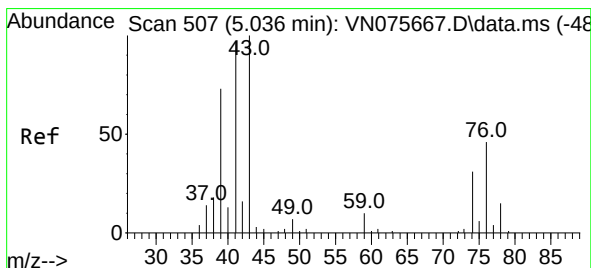
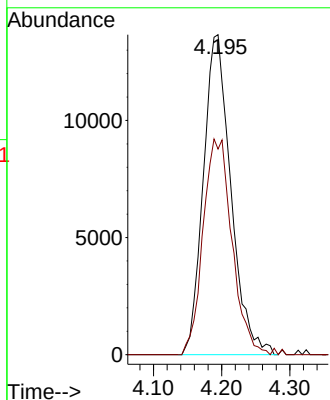
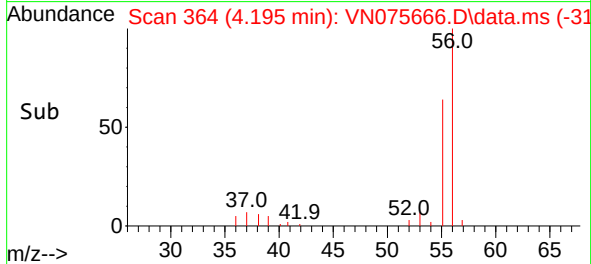
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



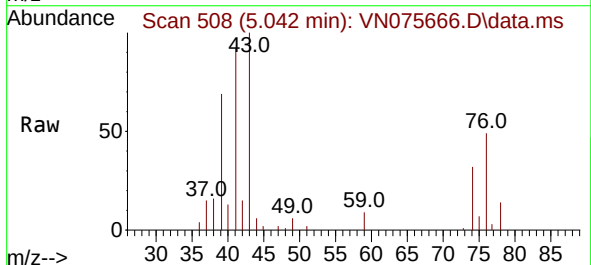
Tgt Ion: 56 Resp: 38384
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

Manual Integrations
APPROVED

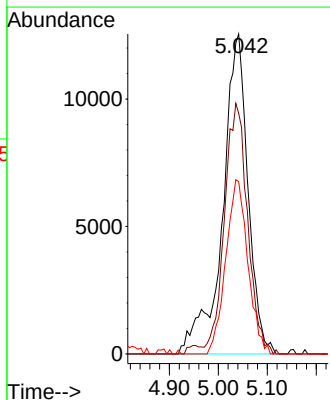
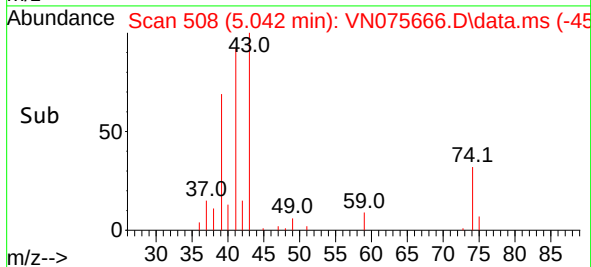
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

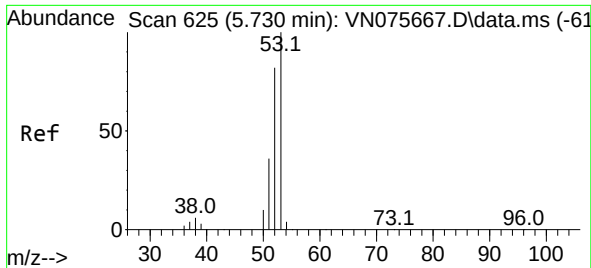


#14
Allyl chloride
Concen: 17.536 ug/l m
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion: 41 Resp: 45387
Ion Ratio Lower Upper
41 100
39 71.1 61.0 91.4
76 47.2 33.4 50.0





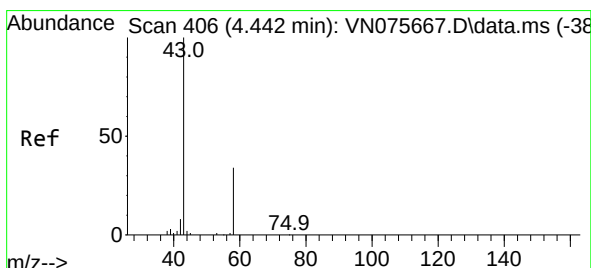
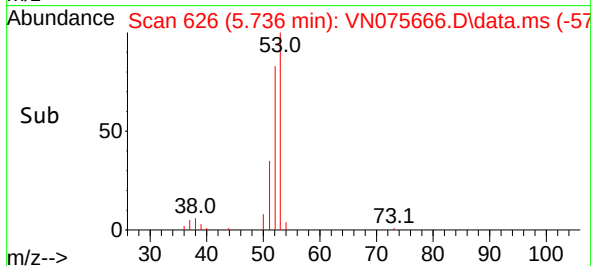
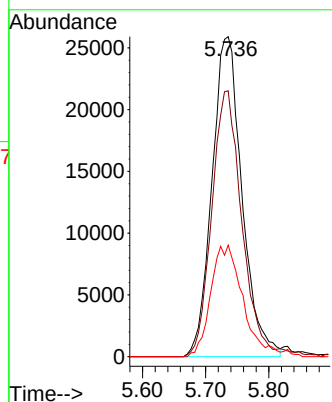
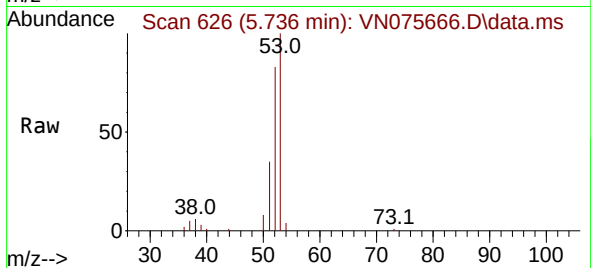
#15
Acrylonitrile
Concen: 76.499 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 8545
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 37.1 29.6 44.4

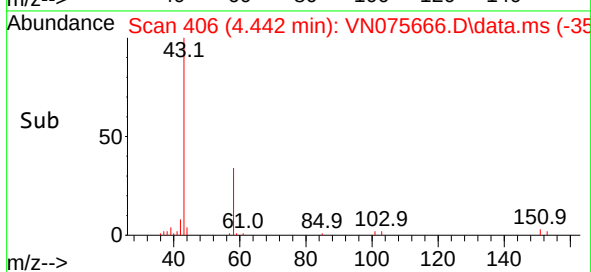
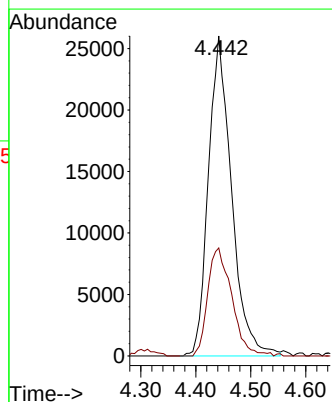
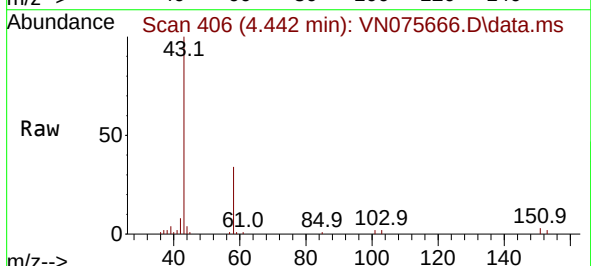
Manual Integrations
APPROVED

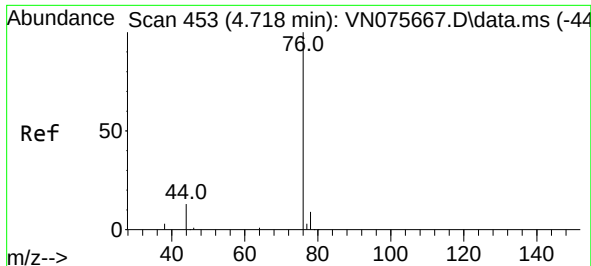
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 70.359 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 43 Resp: 76119
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3





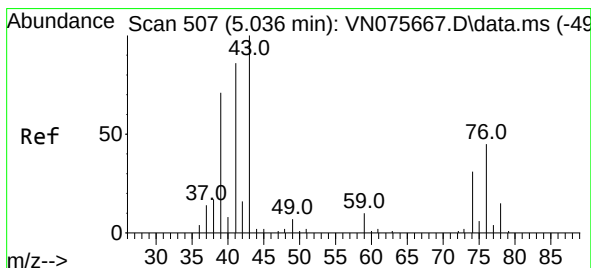
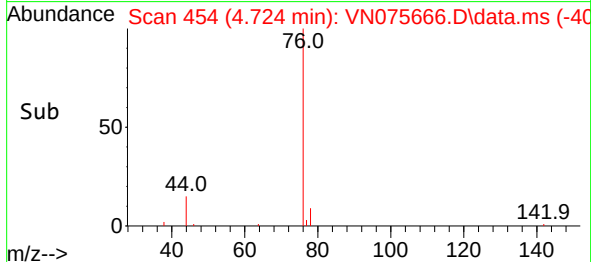
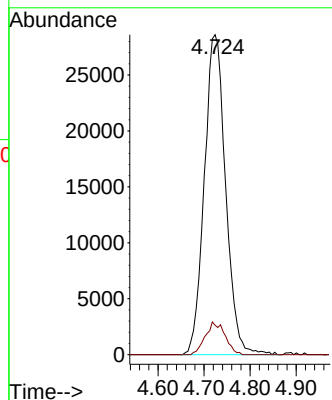
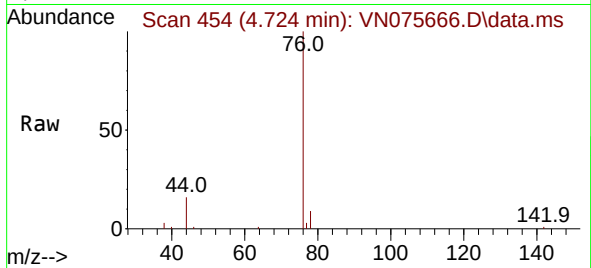
#17
Carbon Disulfide
Concen: 17.729 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 9219
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

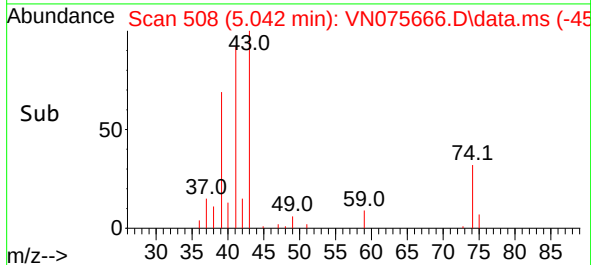
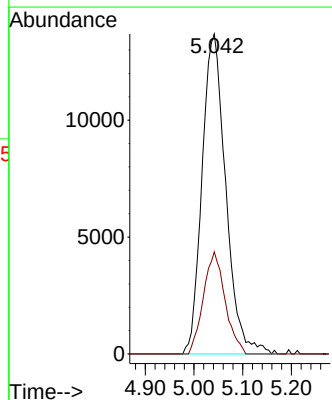
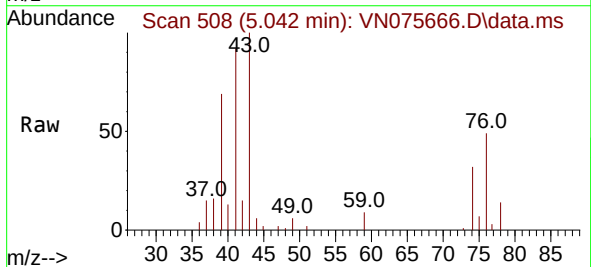
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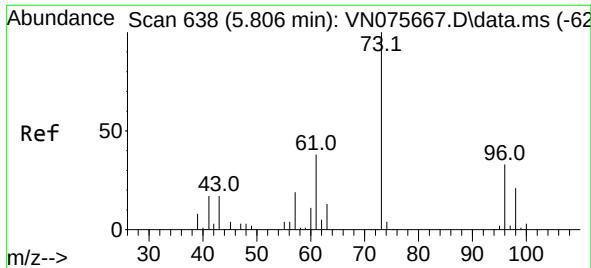
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 14.441 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 43 Resp: 46250
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





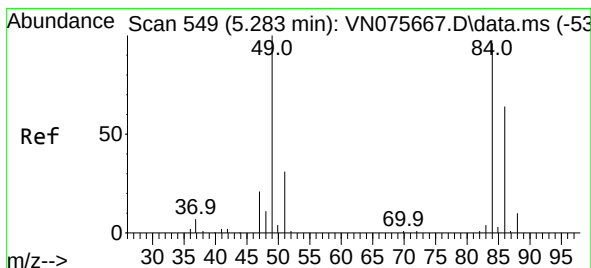
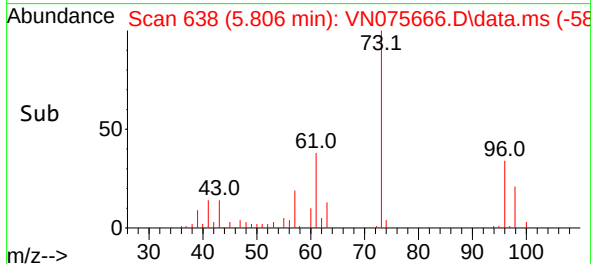
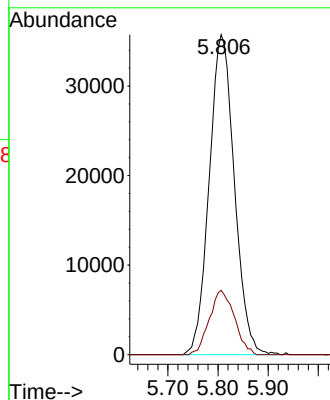
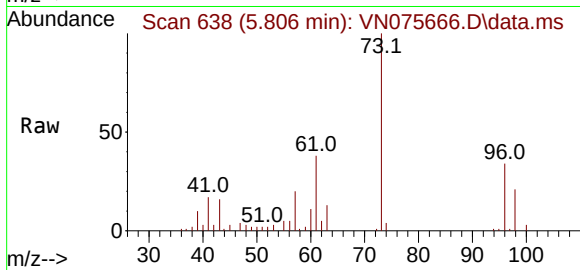
#19
Methyl tert-butyl Ether
Concen: 17.576 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 124589
Ion Ratio Lower Upper
73 100
57 20.1 16.3 24.5

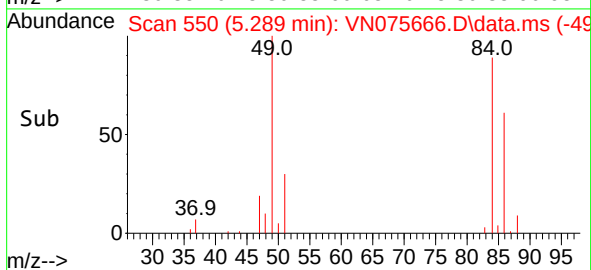
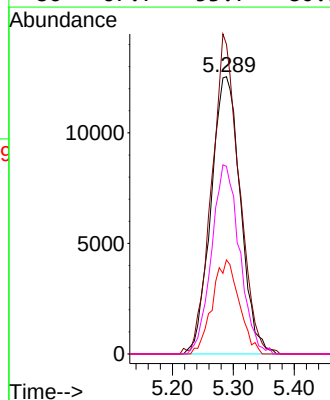
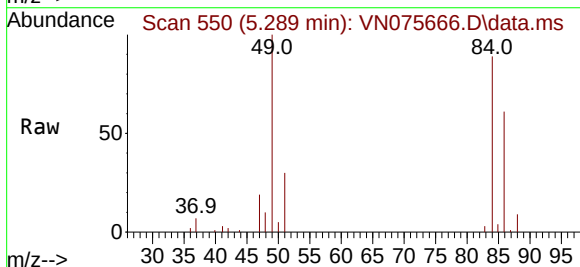
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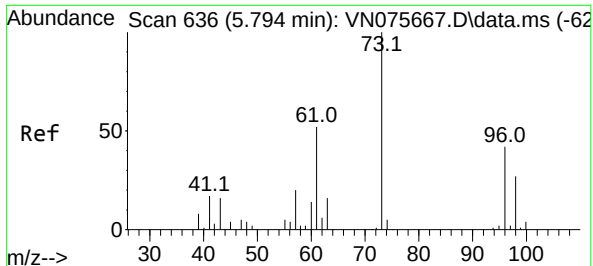
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 16.595 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 84 Resp: 42065
Ion Ratio Lower Upper
84 100
49 111.7 94.9 142.3
51 33.9 26.8 40.2
86 67.7 53.7 80.5





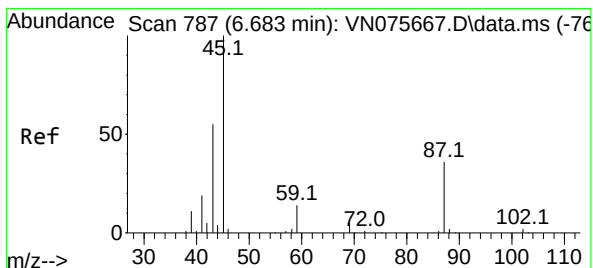
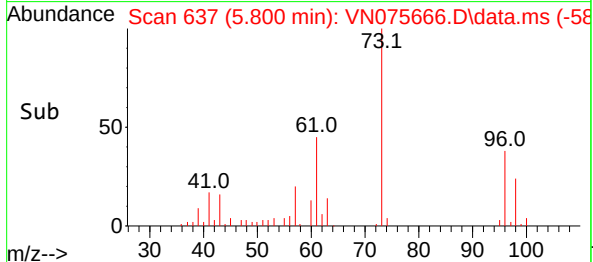
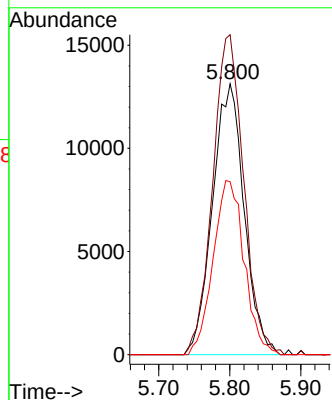
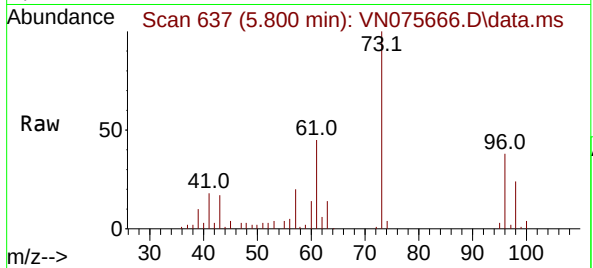
#21
trans-1,2-Dichloroethene
Concen: 17.836 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 40674
Ion Ratio Lower Upper
96 100
61 118.1 99.9 149.9
98 63.8 51.5 77.3

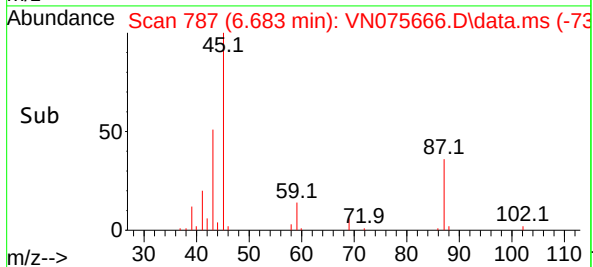
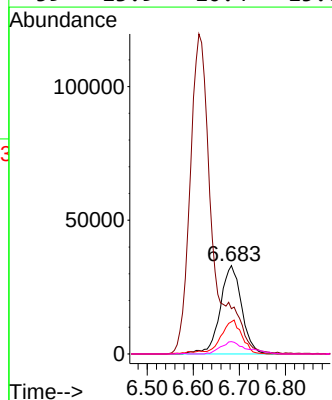
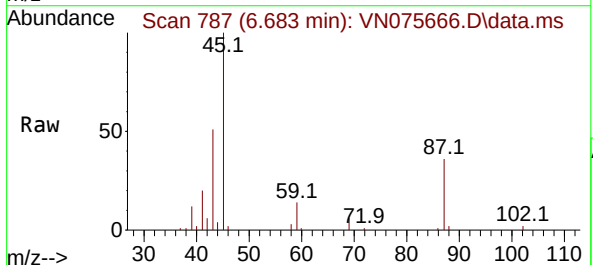
Manual Integrations
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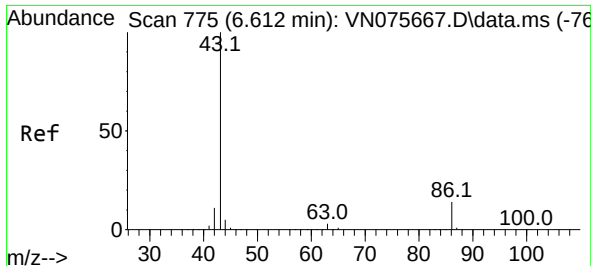
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#22
Diisopropyl ether
Concen: 18.027 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 45 Resp: 106476
Ion Ratio Lower Upper
45 100
43 50.2 42.8 64.2
87 36.5 28.4 42.6
59 13.9 10.4 15.6





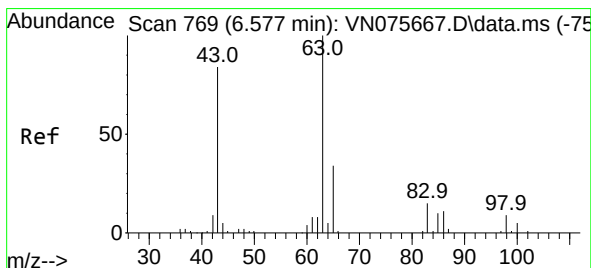
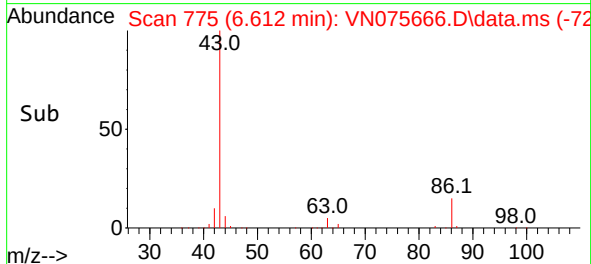
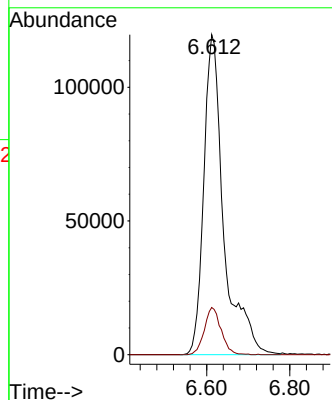
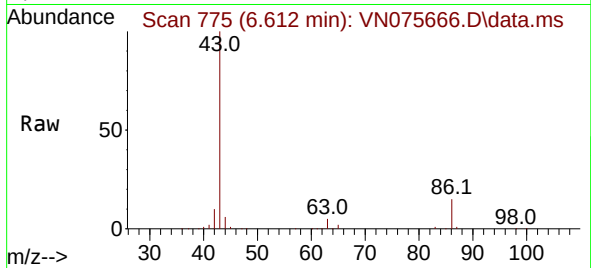
#23
 Vinyl Acetate
 Concen: 85.100 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 399884
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.7 16.1

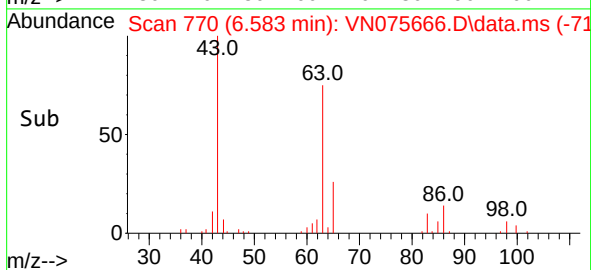
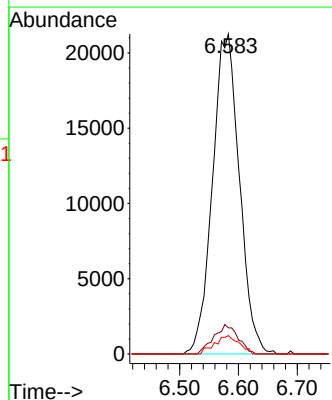
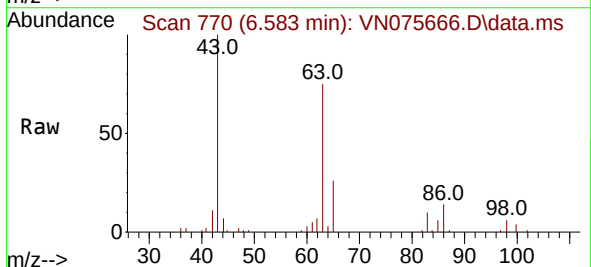
Manual Integrations
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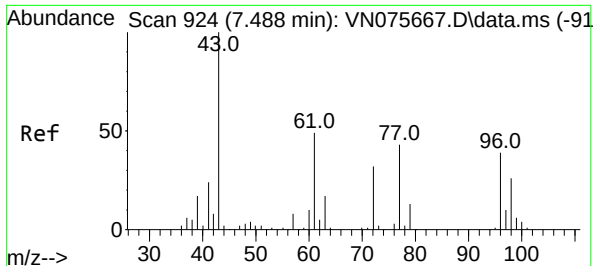
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 17.815 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion: 63 Resp: 67541
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.7 2.4 7.2





#25

2-Butanone

Concen: 73.152 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 11049

Ion Ratio Lower Upper

43 100

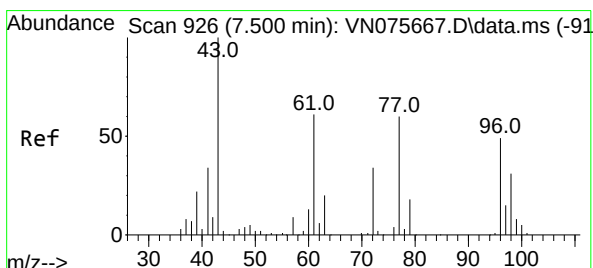
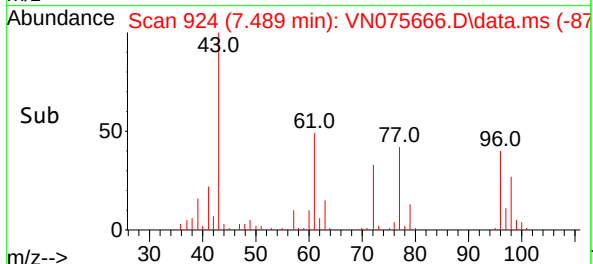
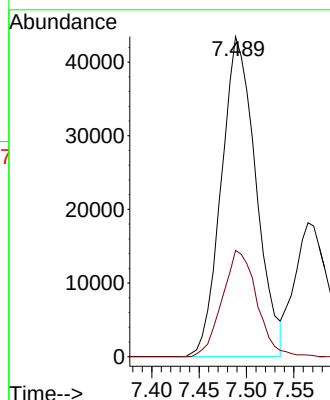
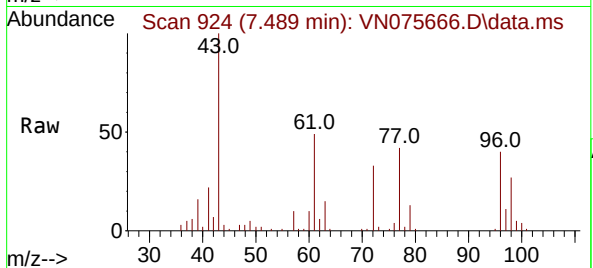
72 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 16.641 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075666.D

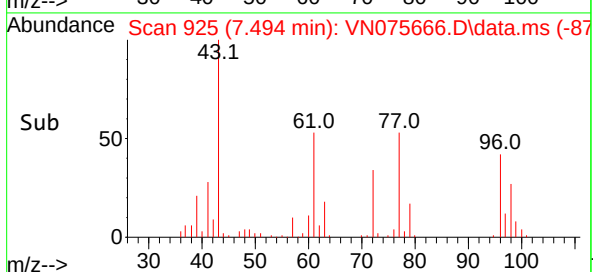
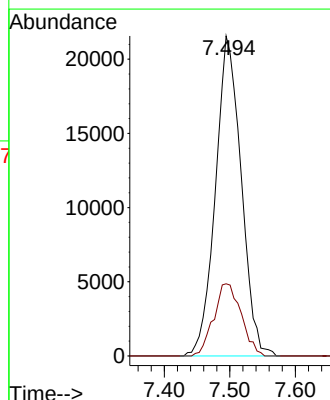
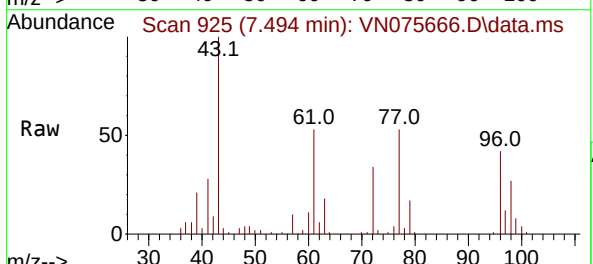
Acq: 09 Dec 2022 13:45

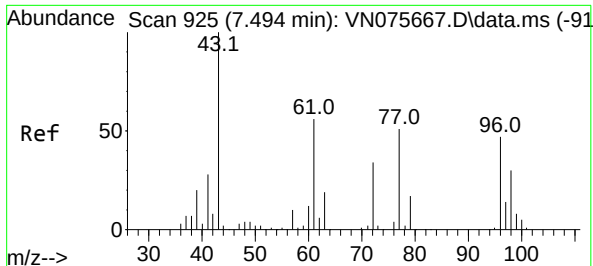
Tgt Ion: 77 Resp: 58635

Ion Ratio Lower Upper

77 100

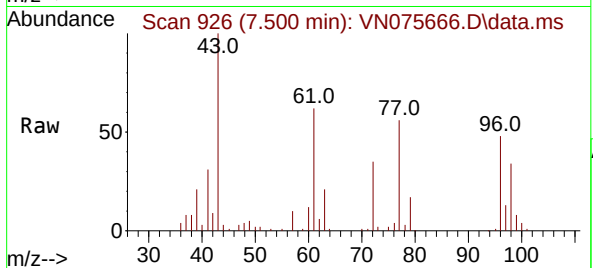
97 24.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.806 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

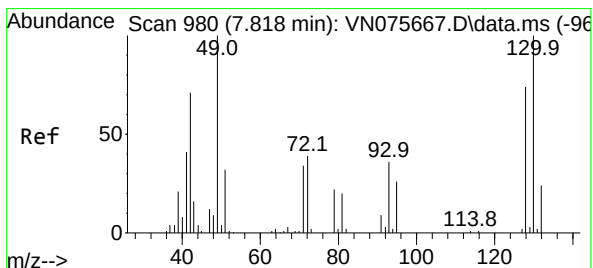
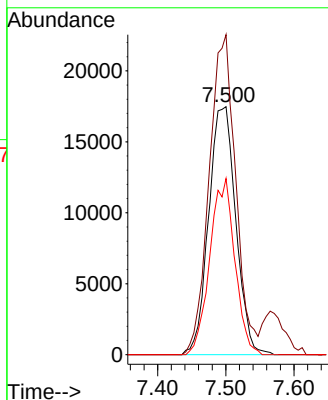
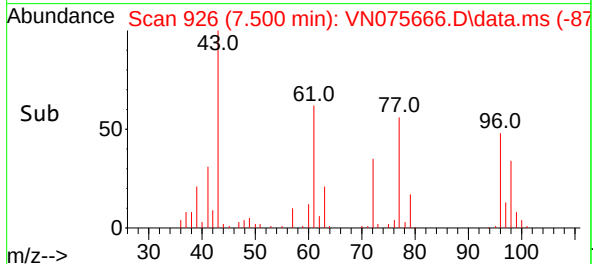
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 4849
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 278.8
 98 65.3 0.0 128.4

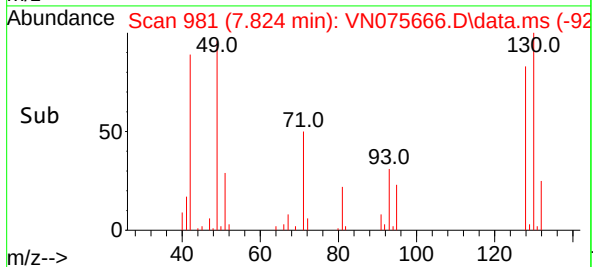
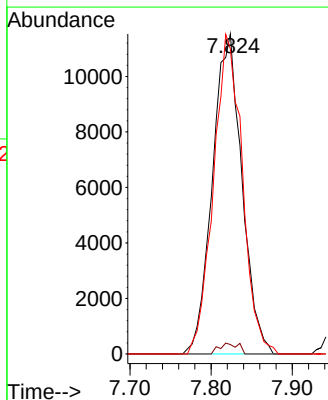
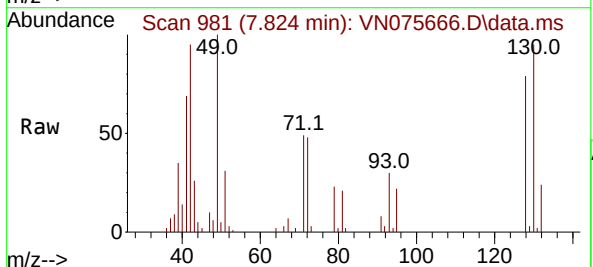
Manual Integrations
 APPROVED

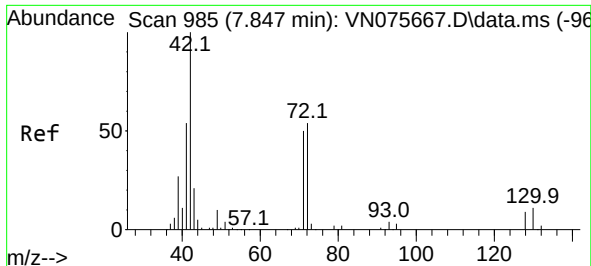
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#28
 Bromochloromethane
 Concen: 18.885 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion: 49 Resp: 29063
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 97.6 66.2 99.4





#29

Tetrahydrofuran

Concen: 76.410 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

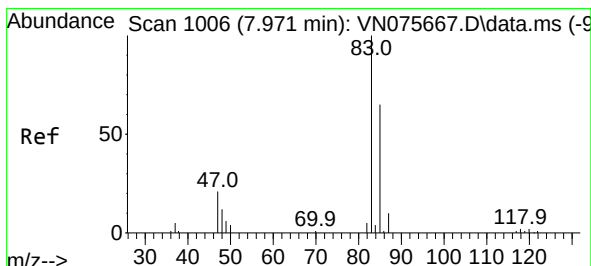
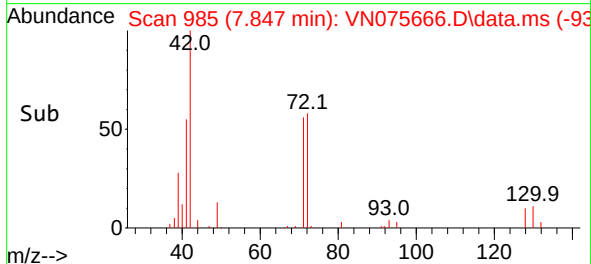
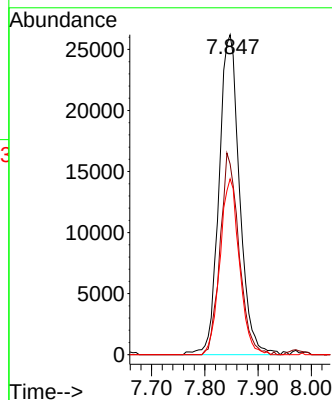
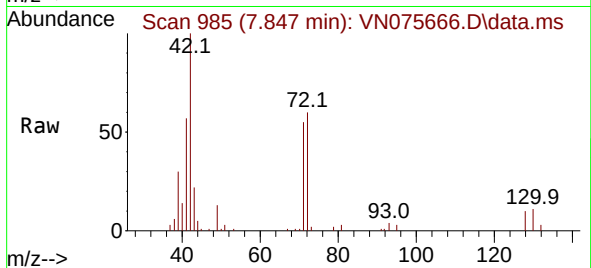
Tgt Ion:	42	Resp:	7020
Ion Ratio	Lower	Upper	
42	100		
72	57.7	43.0	64.6
71	51.8	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#30

Chloroform

Concen: 17.671 ug/l

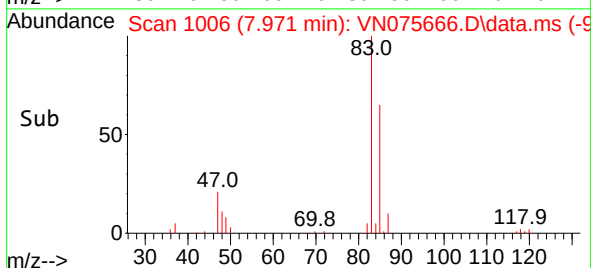
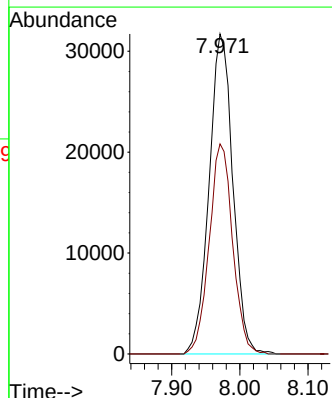
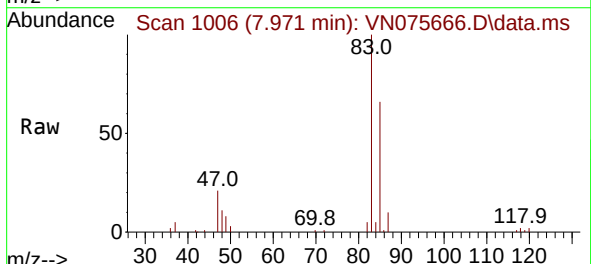
RT: 7.971 min Scan# 1006

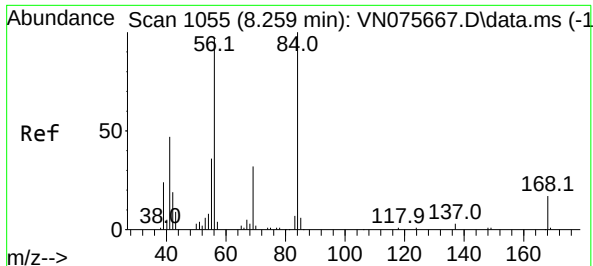
Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

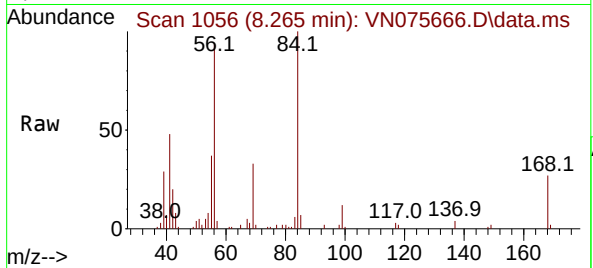
Tgt Ion:	83	Resp:	76933
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.4	77.0





#31
Cyclohexane
Concen: 17.707 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

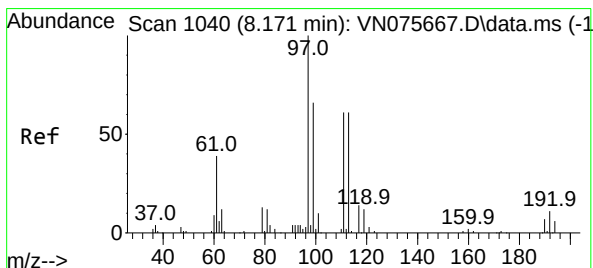
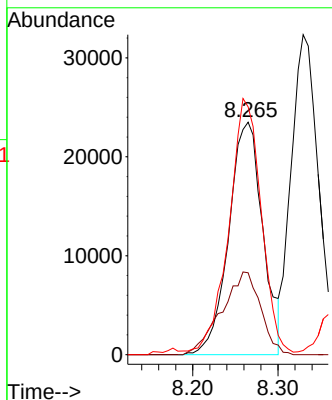
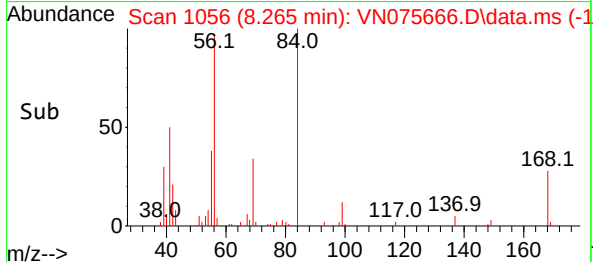
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



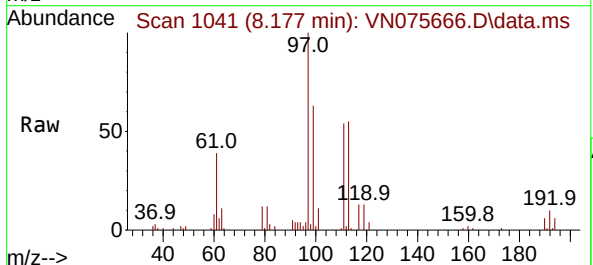
Tgt Ion: 56 Resp: 6525
Ion Ratio Lower Upper
56 100
69 35.2 25.2 37.8
84 105.1 77.8 116.8

Manual Integrations
APPROVED

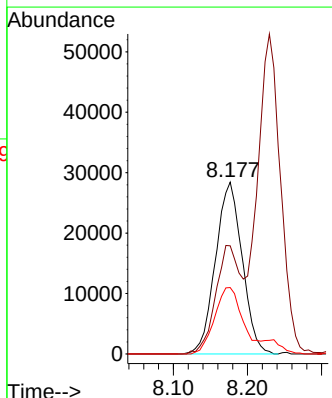
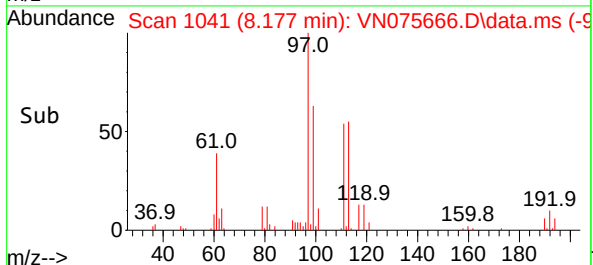
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

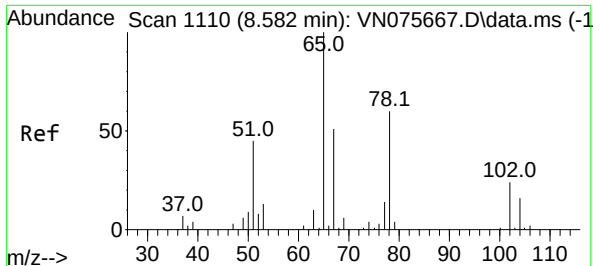


#32
1,1,1-Trichloroethane
Concen: 18.000 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion: 97 Resp: 71156
Ion Ratio Lower Upper
97 100
99 58.8 50.2 75.2
61 41.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 37.687 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4371

Ion Ratio Lower Upper

65 100

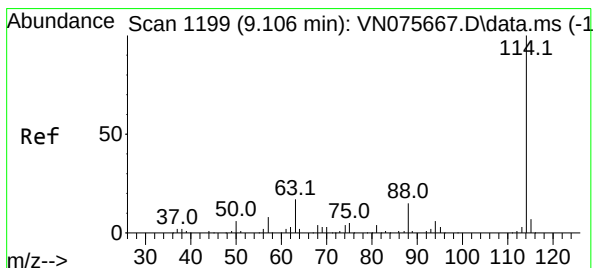
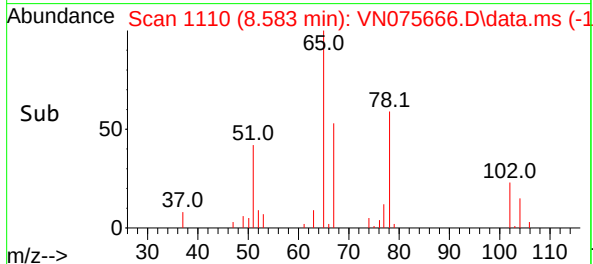
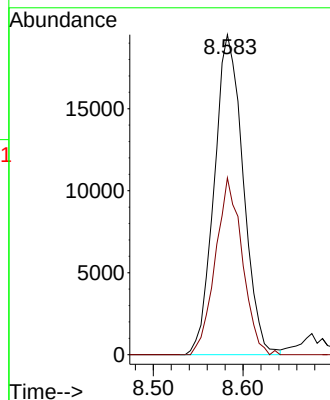
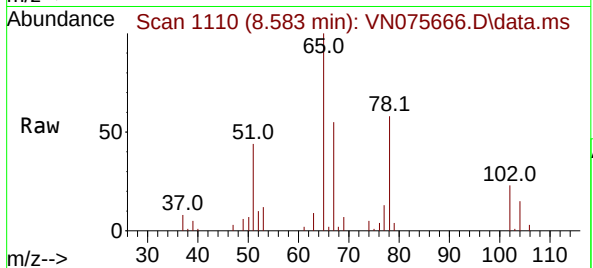
67 51.4 0.0 102.0

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: VN075666.D

Acq: 09 Dec 2022 13:45

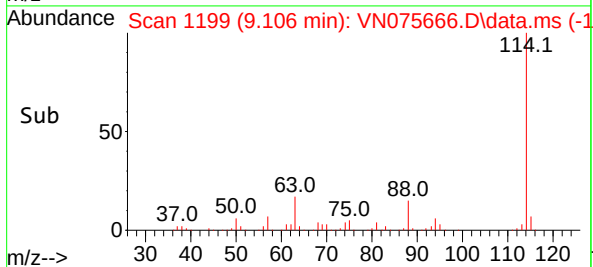
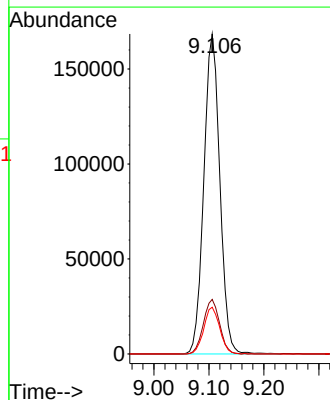
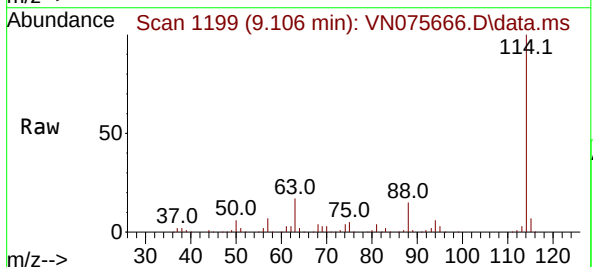
Tgt Ion:114 Resp: 341023

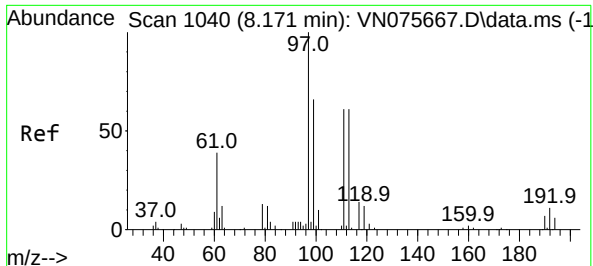
Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 29.265 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

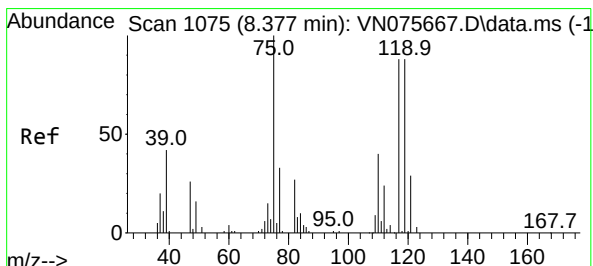
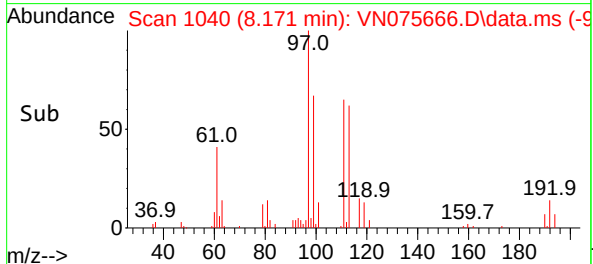
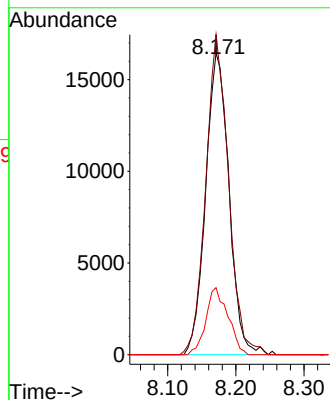
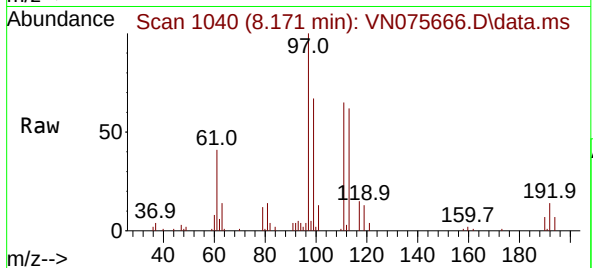
Tgt Ion:	113	Resp:	3920
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.5	120.7
192	20.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 19.275 ug/l

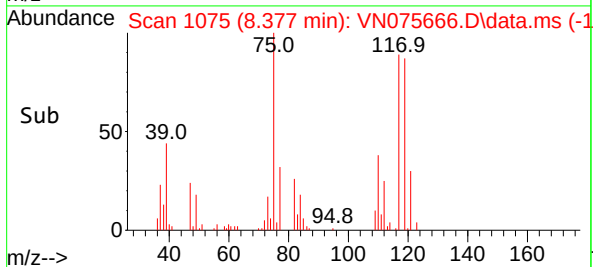
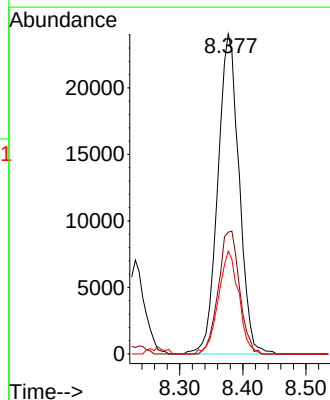
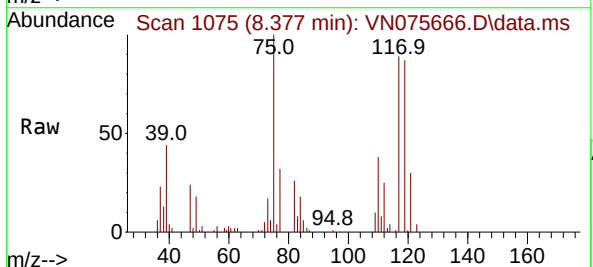
RT: 8.377 min Scan# 1075

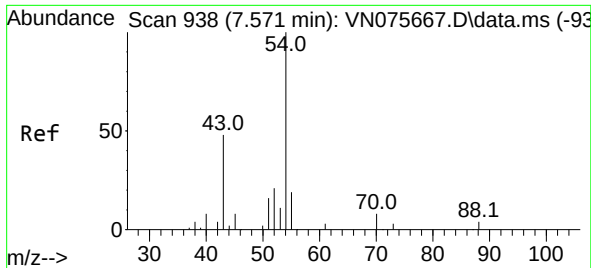
Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:	75	Resp:	56312
Ion Ratio	Lower	Upper	
75	100		
110	38.2	17.8	53.3
77	30.8	24.6	37.0





#37

Ethyl Acetate

Concen: 17.883 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 4704

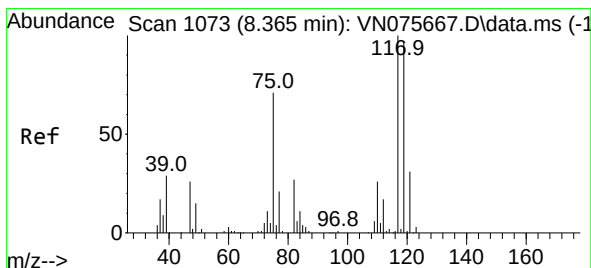
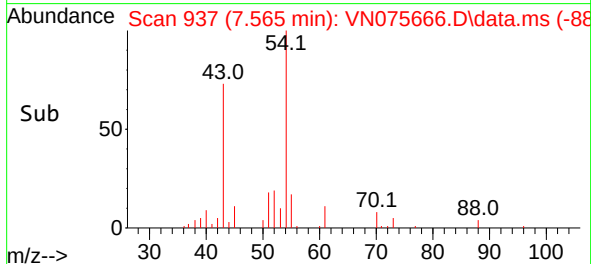
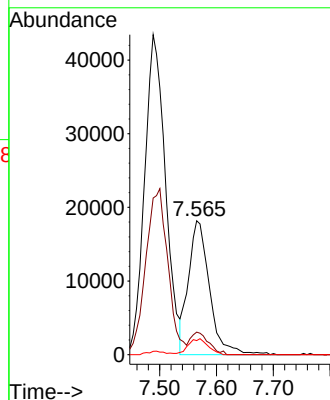
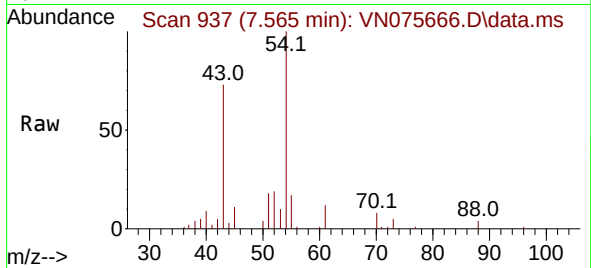
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.4
70	11.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#38

Carbon Tetrachloride

Concen: 19.596 ug/l

RT: 8.365 min Scan# 1073

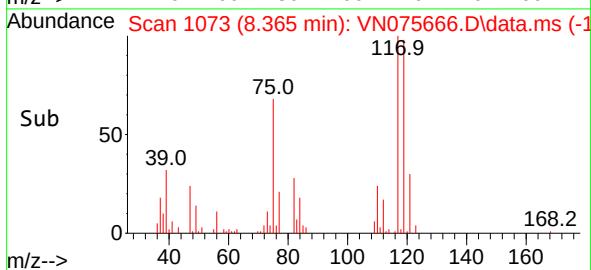
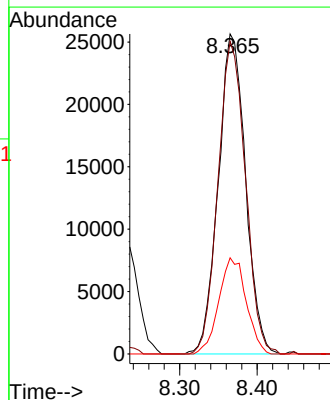
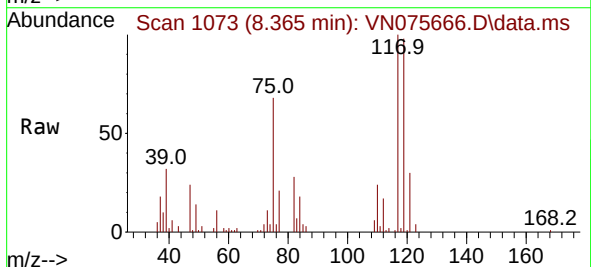
Delta R.T. -0.000 min

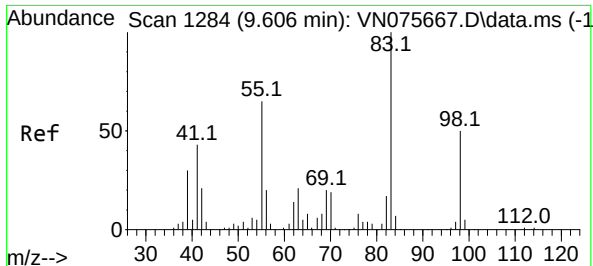
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:117 Resp: 62888

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
121	30.0	23.9	35.9





#39

Methylcyclohexane

Concen: 19.693 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 72000

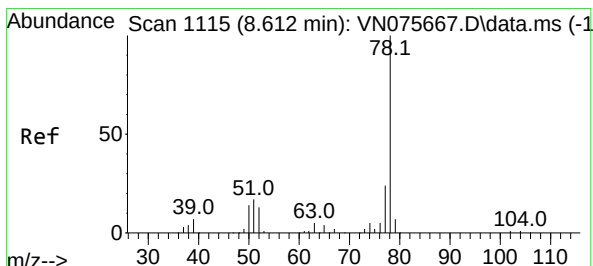
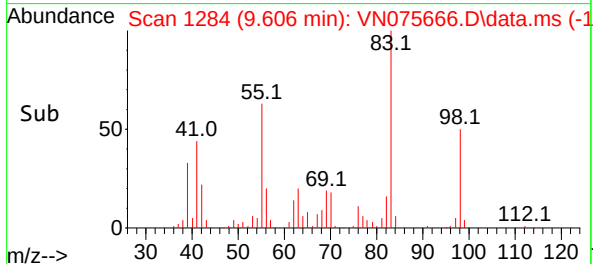
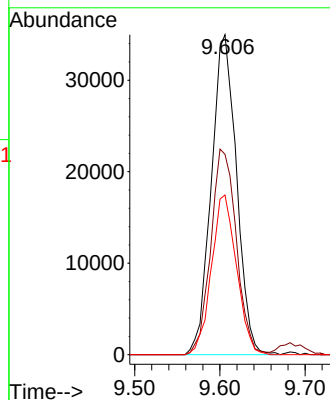
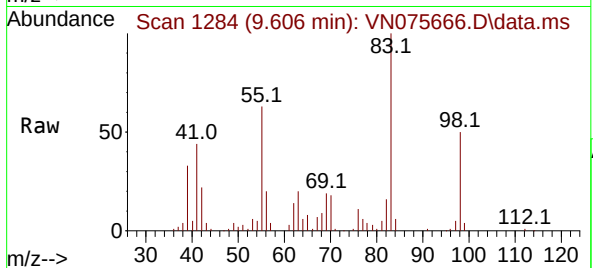
Ion	Ratio	Lower	Upper
83	100		
55	62.6	53.6	80.4
98	49.9	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 18.924 ug/l

RT: 8.612 min Scan# 1115

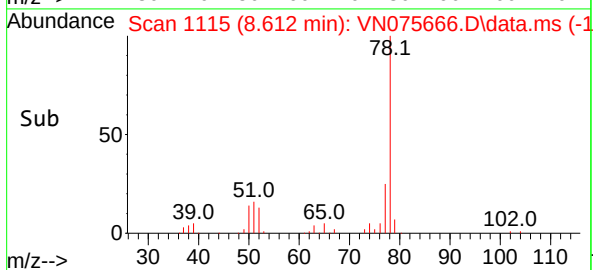
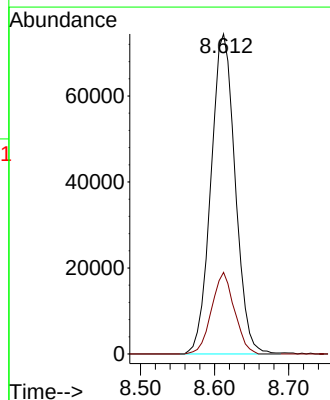
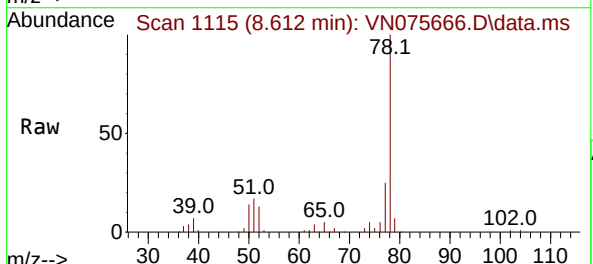
Delta R.T. 0.006 min

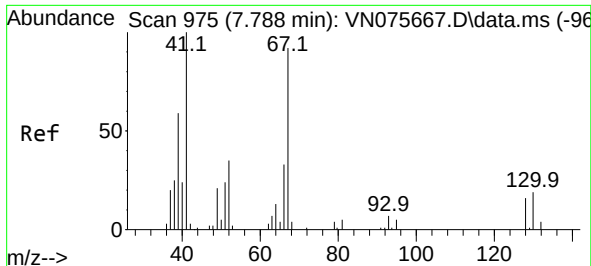
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion: 78 Resp: 169272

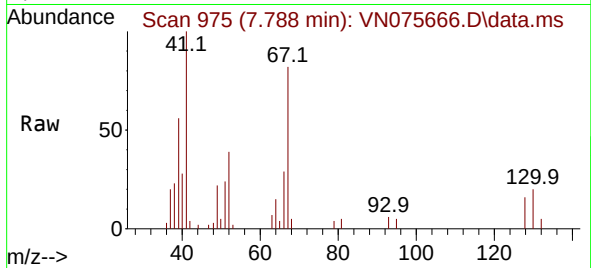
Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.4	29.0





#41
Methacrylonitrile
Concen: 16.330 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

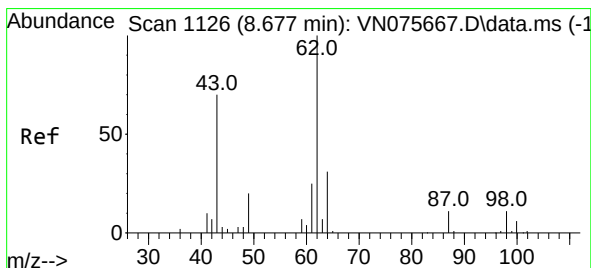
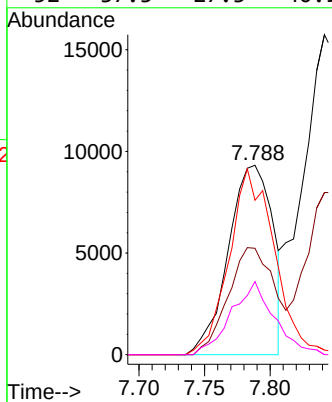
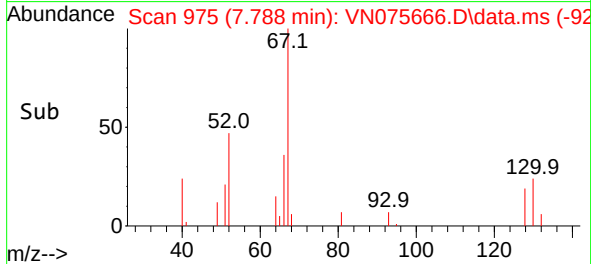
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41	Resp: 2196
Ion Ratio	Lower Upper
41	100
39	59.2 44.4 66.6
67	99.8 69.8 104.6
52	37.3 27.3 40.9

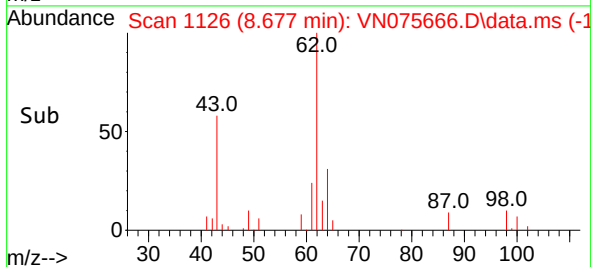
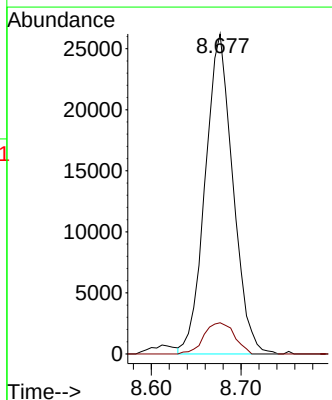
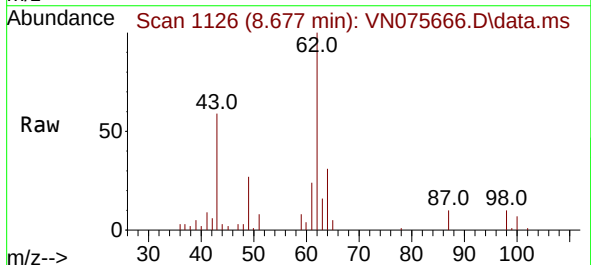
Manual Integrations
APPROVED

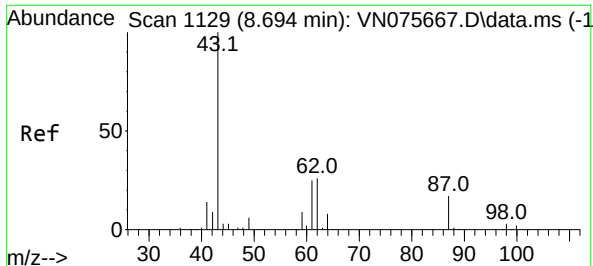
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 18.732 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 62	Resp: 56114
Ion Ratio	Lower Upper
62	100
98	10.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 17.512 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 7394

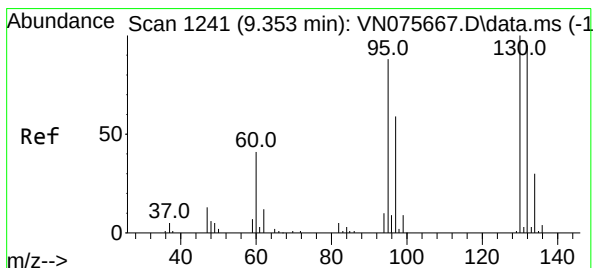
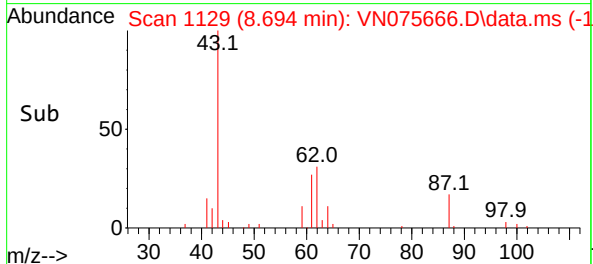
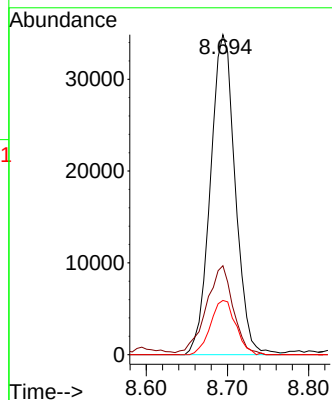
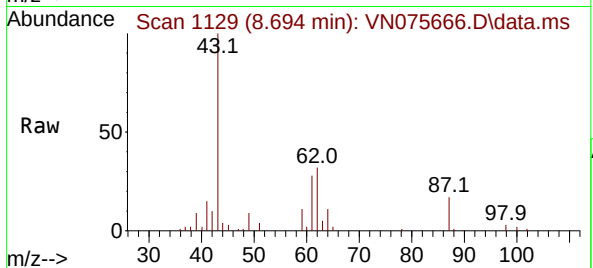
Ion	Ratio	Lower	Upper
43	100		
61	30.4	22.4	33.6
87	17.3	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#44

Trichloroethene

Concen: 19.230 ug/l

RT: 9.359 min Scan# 1242

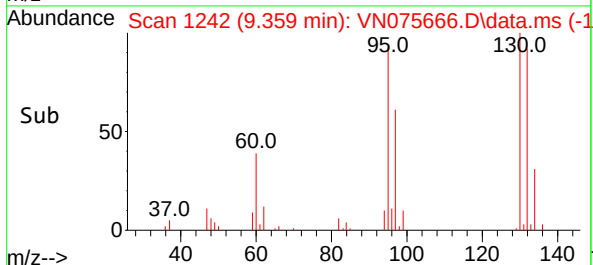
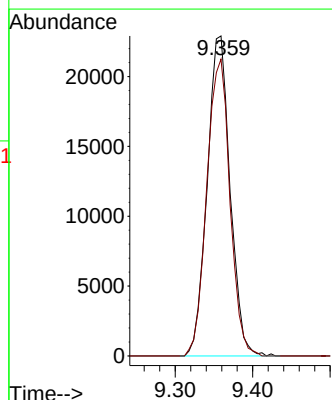
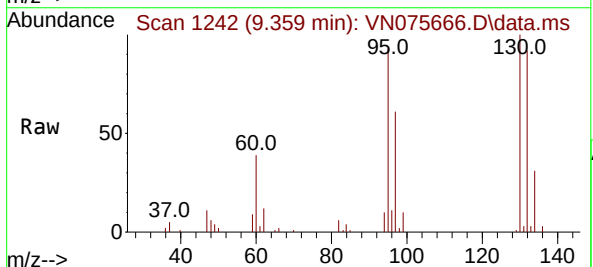
Delta R.T. 0.006 min

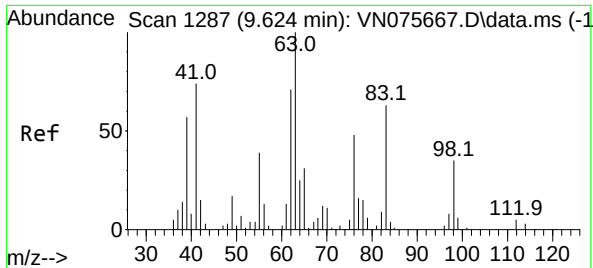
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:130 Resp: 47064

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	198.4





#45

1,2-Dichloropropane

Concen: 18.476 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3938

Ion Ratio Lower Upper

63 100

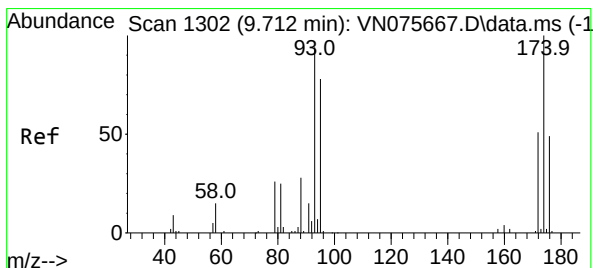
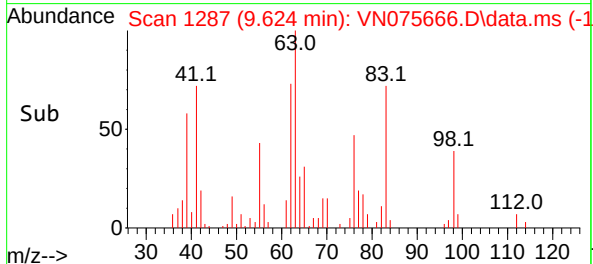
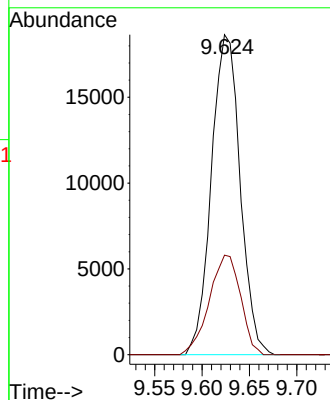
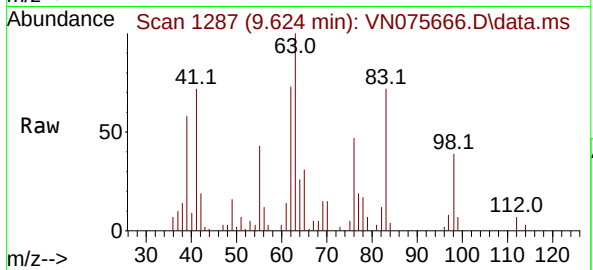
65 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 19.006 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

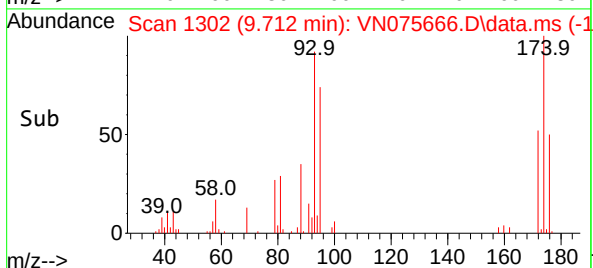
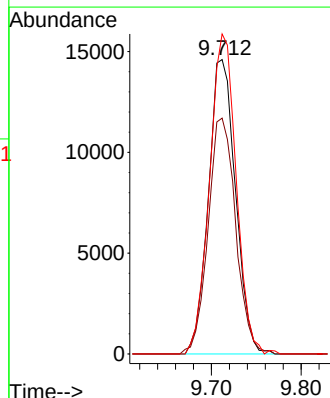
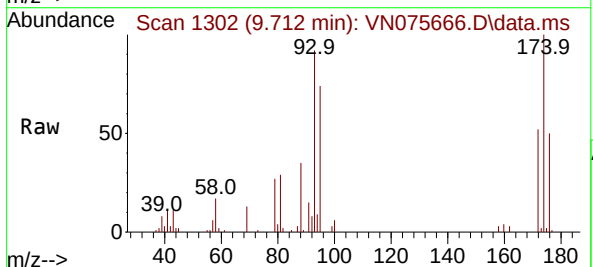
Tgt Ion: 93 Resp: 30642

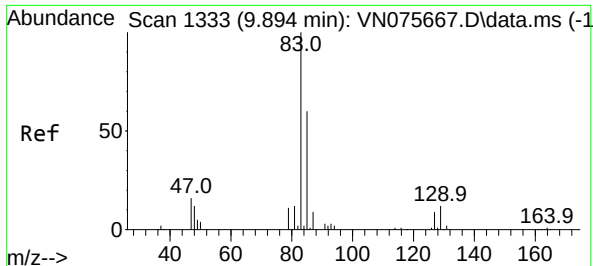
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 106.8 70.3 105.5





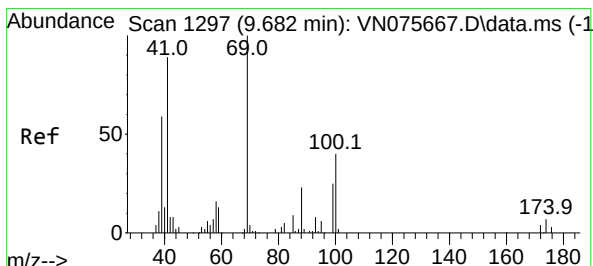
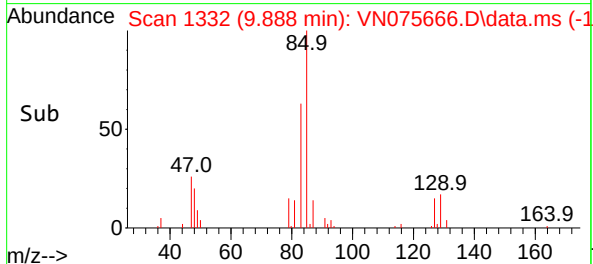
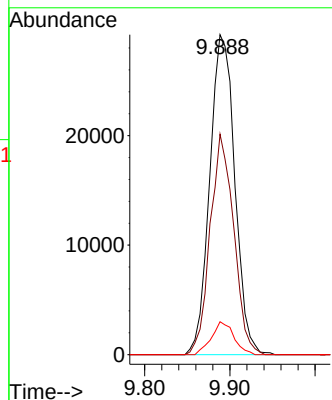
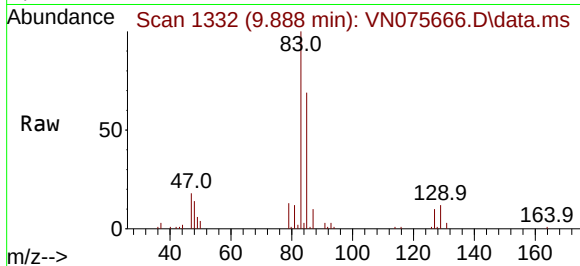
#47
Bromodichloromethane
Concen: 19.143 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 59770
Ion Ratio Lower Upper
83 100
85 68.9 52.1 78.1
127 10.3 6.6 10.0

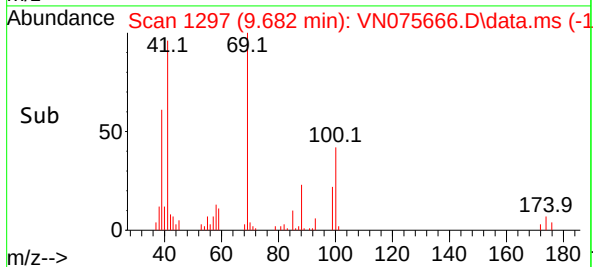
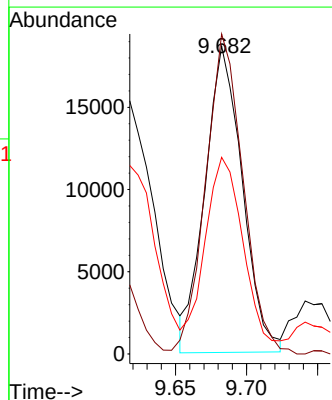
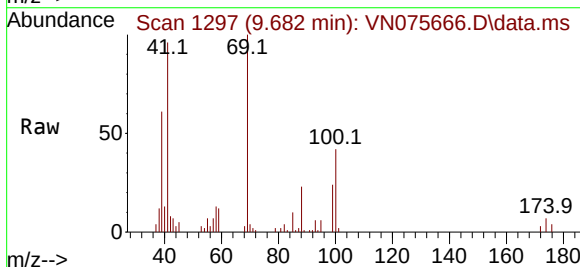
Manual Integrations
APPROVED

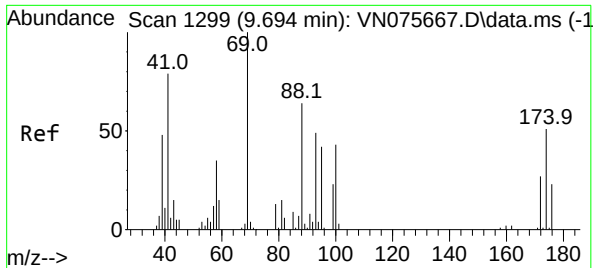
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 17.467 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 41 Resp: 34103
Ion Ratio Lower Upper
41 100
69 104.4 80.2 120.2
39 67.6 56.2 84.2





#49

1,4-Dioxane

Concen: 310.950 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 17239

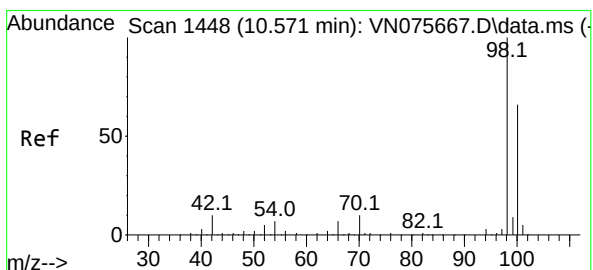
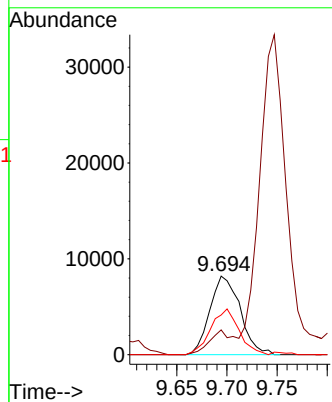
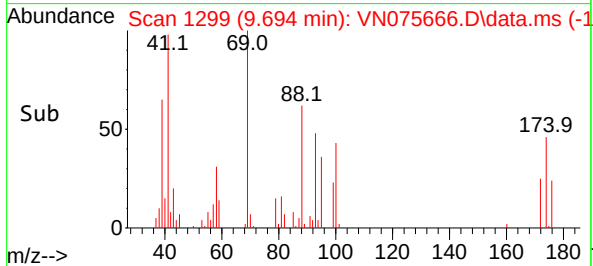
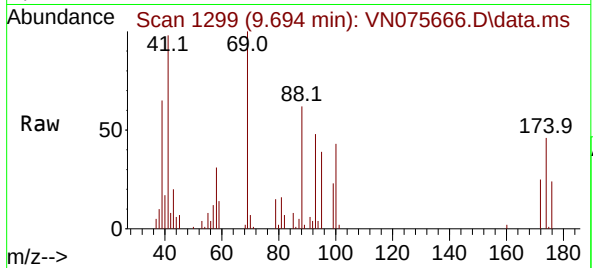
Ion	Ratio	Lower	Upper
88	100		
43	25.9	17.5	26.3
58	54.3	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.571 min Scan# 1448

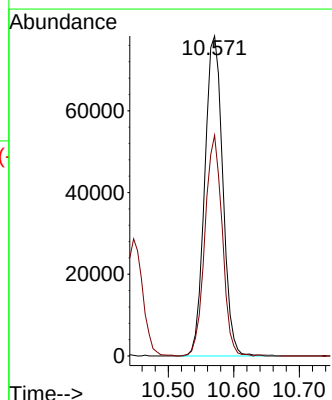
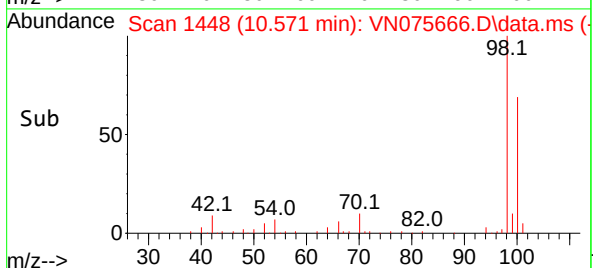
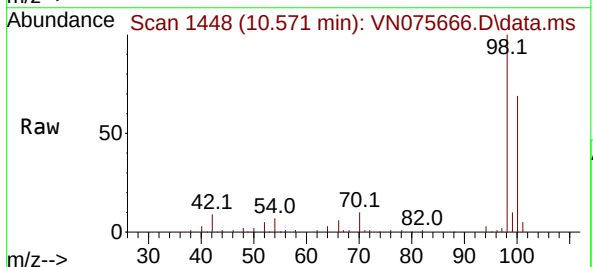
Delta R.T. 0.006 min

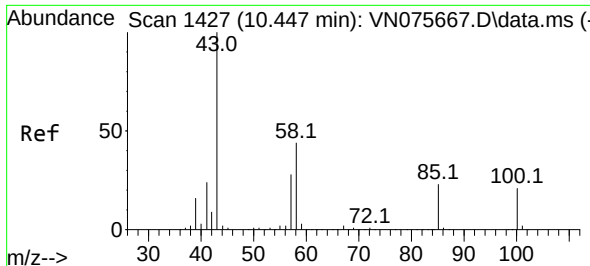
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion: 98 Resp: 149820

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





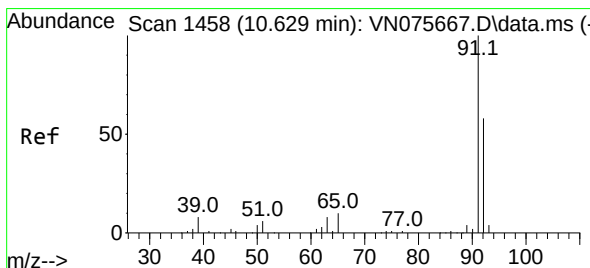
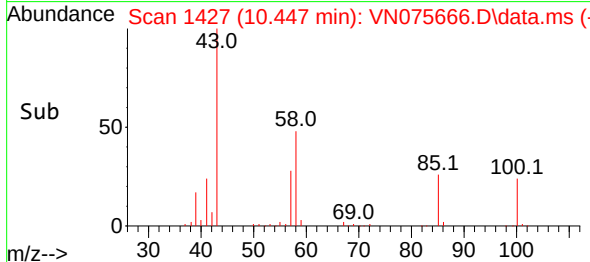
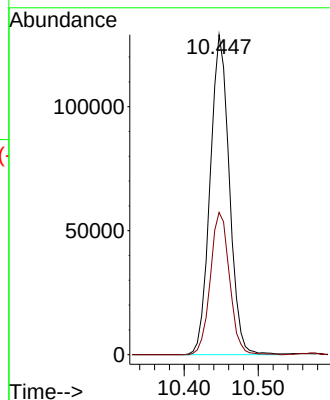
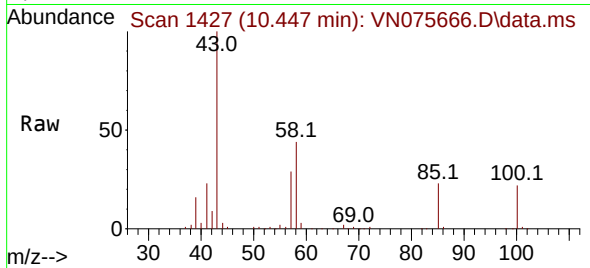
#51
4-Methyl-2-Pentanone
Concen: 86.360 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 23225
Ion Ratio Lower Upper
43 100
58 44.4 33.6 50.4

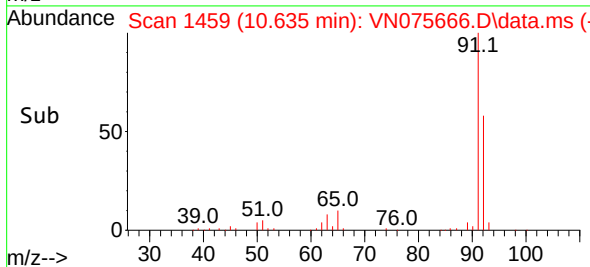
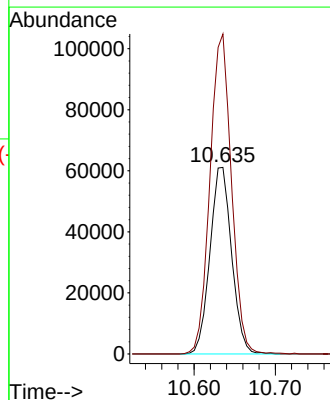
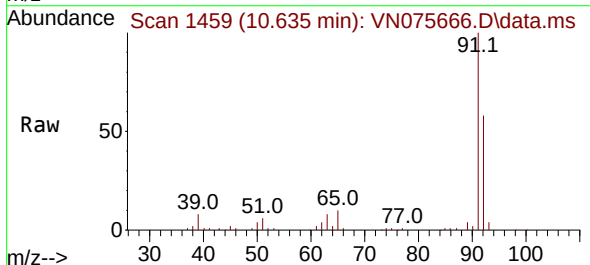
Manual Integrations
APPROVED

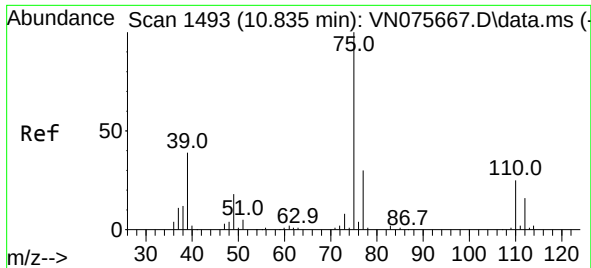
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 19.679 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 92 Resp: 113431
Ion Ratio Lower Upper
92 100
91 169.7 135.4 203.2





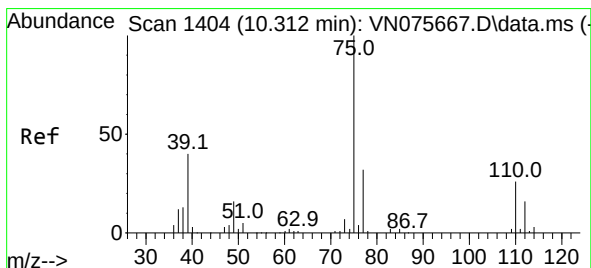
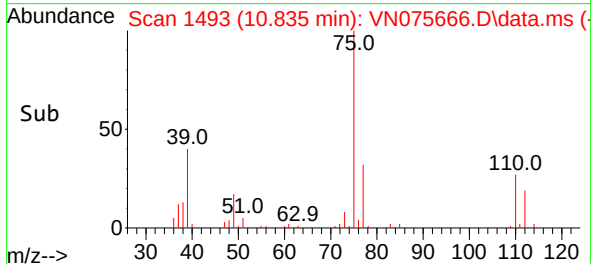
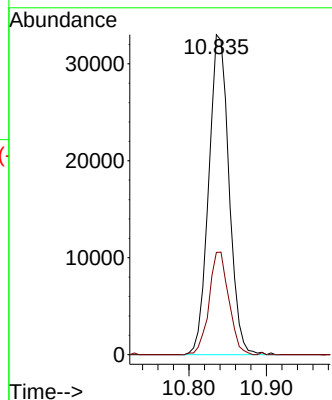
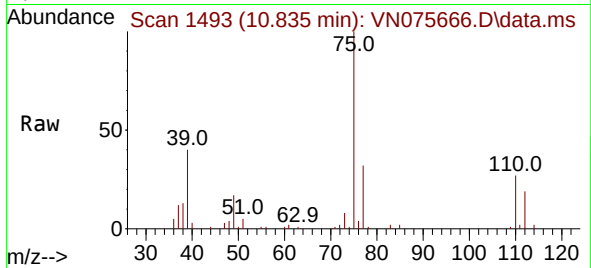
#53
t-1,3-Dichloropropene
Concen: 19.161 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 60059
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

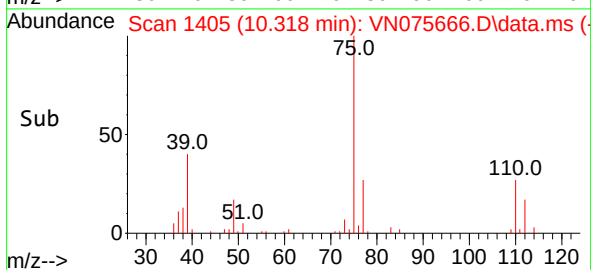
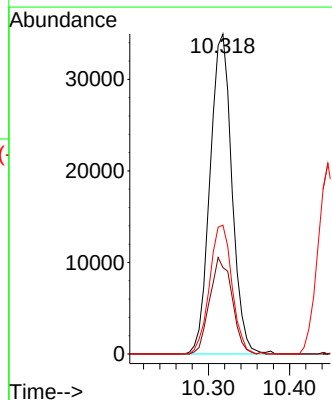
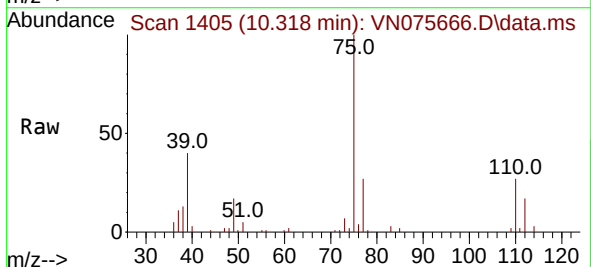
Manual Integrations
APPROVED

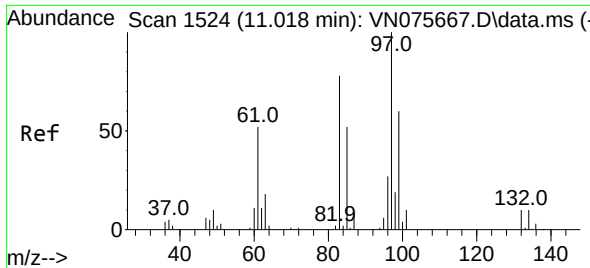
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#54
cis-1,3-Dichloropropene
Concen: 19.220 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

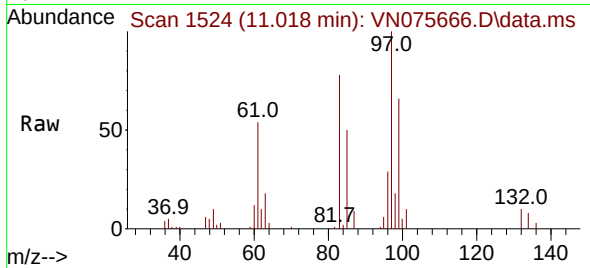
Tgt Ion: 75 Resp: 65430
Ion Ratio Lower Upper
75 100
77 27.0 23.7 35.5
39 40.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.183 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

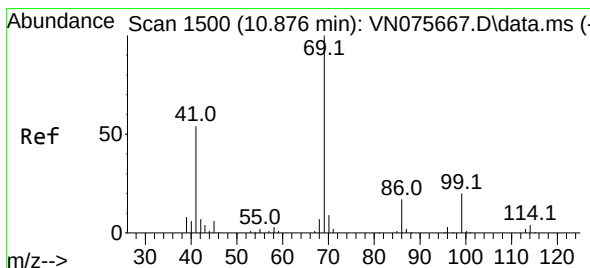
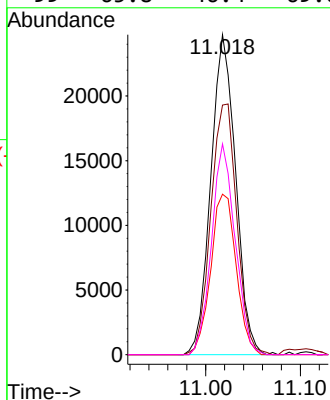
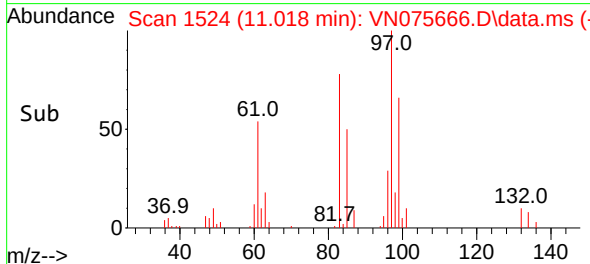
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	65.9	98.9
85	50.1	40.4	60.6
99	65.8	46.4	69.6

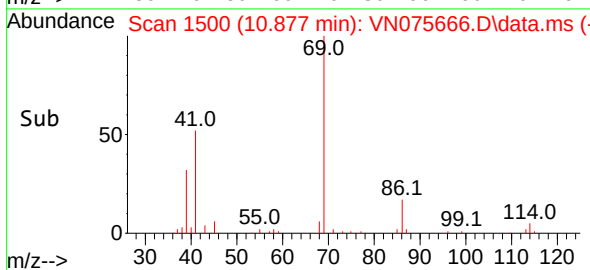
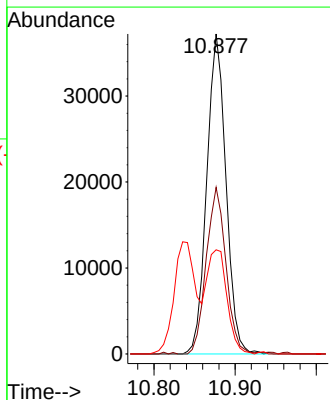
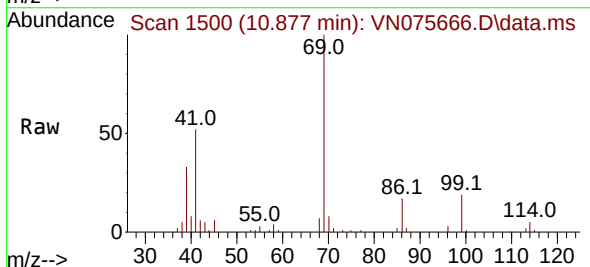
Manual Integrations
APPROVED

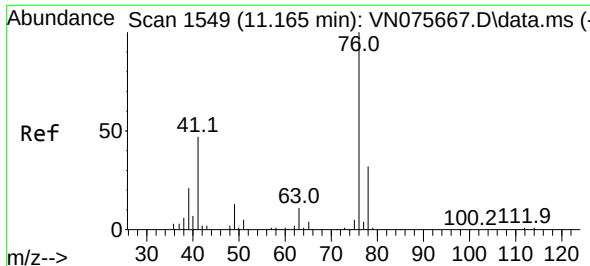
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#56
Ethyl methacrylate
Concen: 19.266 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.4	45.6	68.4
39	33.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 18.874 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 72249

Ion Ratio Lower Upper

76 100

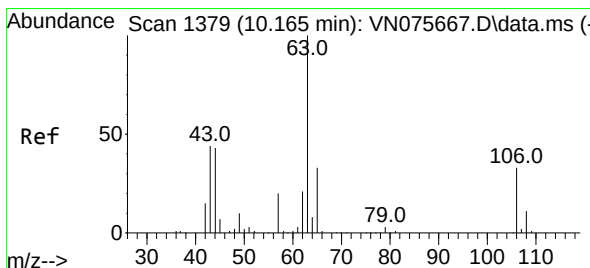
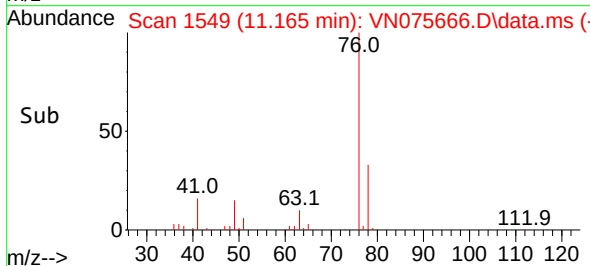
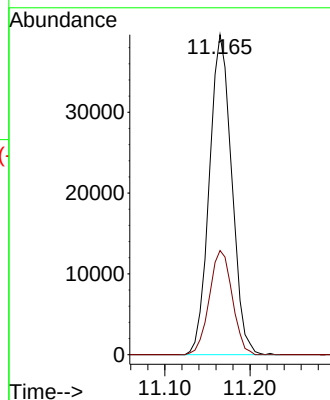
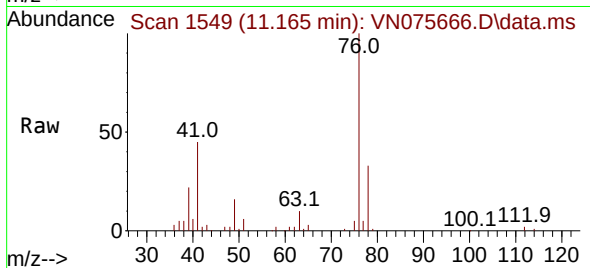
78 33.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 77.410 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075666.D

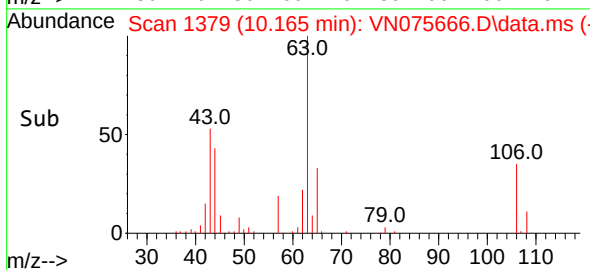
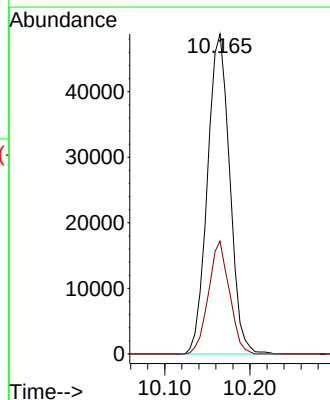
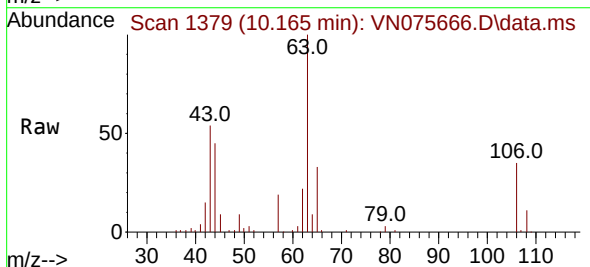
Acq: 09 Dec 2022 13:45

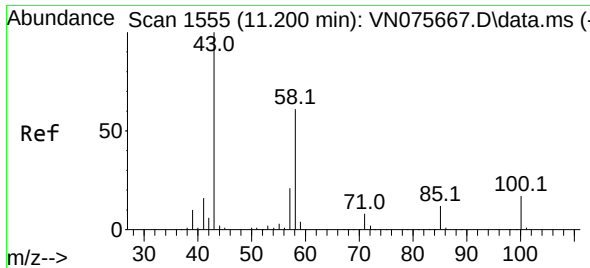
Tgt Ion: 63 Resp: 88513

Ion Ratio Lower Upper

63 100

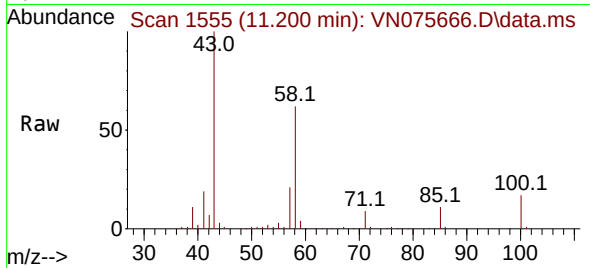
106 33.2 24.8 37.2





#59
2-Hexanone
Concen: 83.279 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

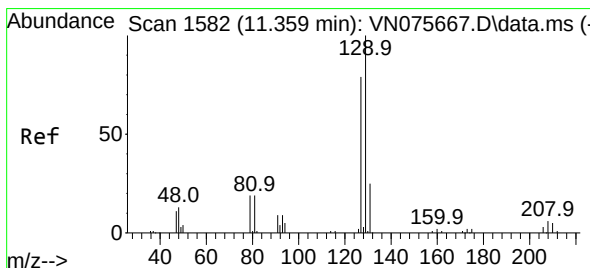
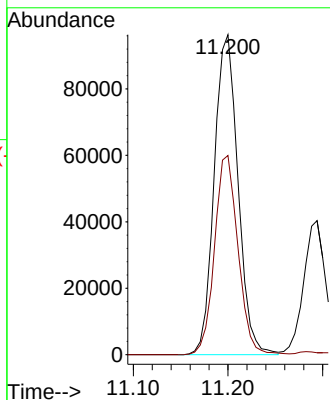
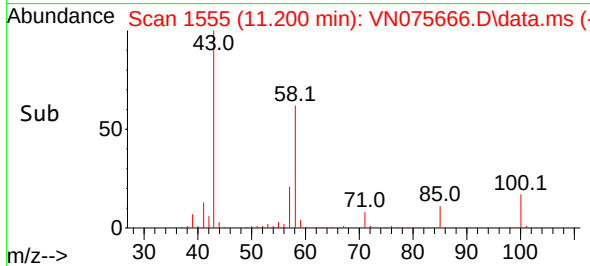
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 168170
Ion Ratio Lower Upper
43 100
58 61.5 29.6 88.8

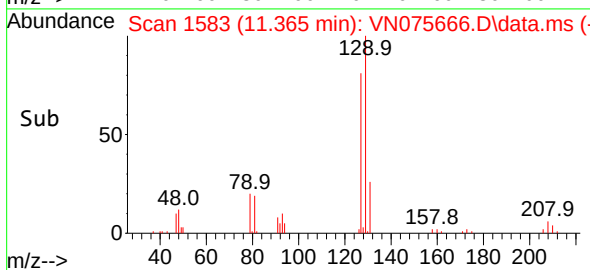
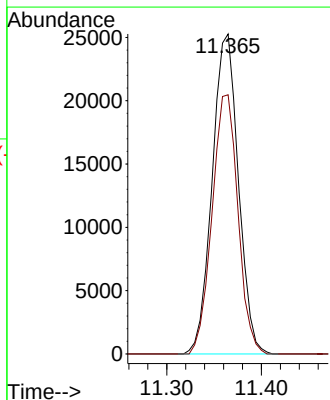
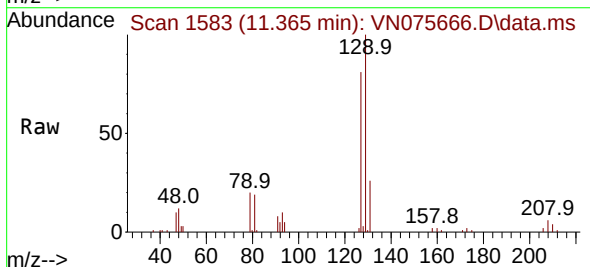
Manual Integrations
APPROVED

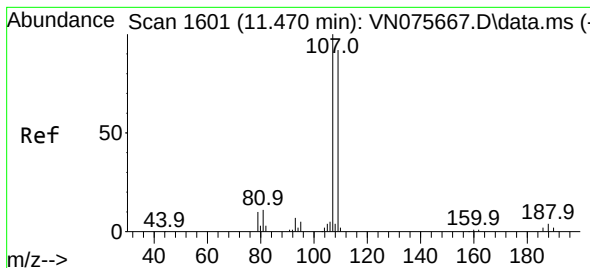
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 20.137 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:129 Resp: 48526
Ion Ratio Lower Upper
129 100
127 79.9 38.6 115.8





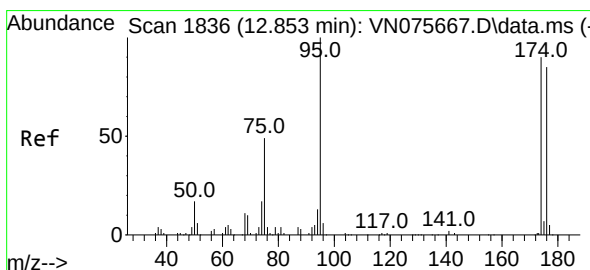
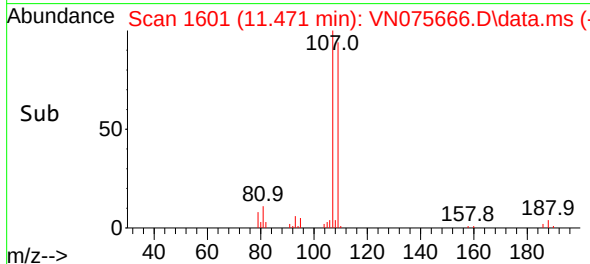
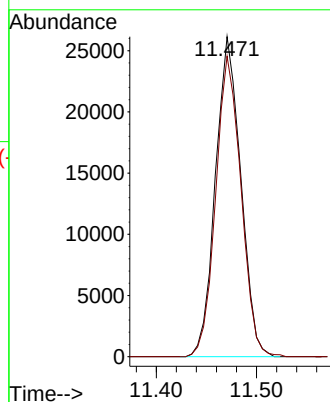
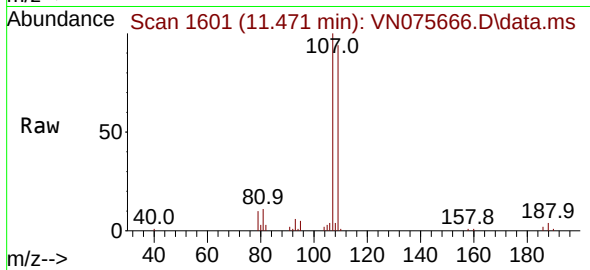
#61
1,2-Dibromoethane
Concen: 18.825 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 4587
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

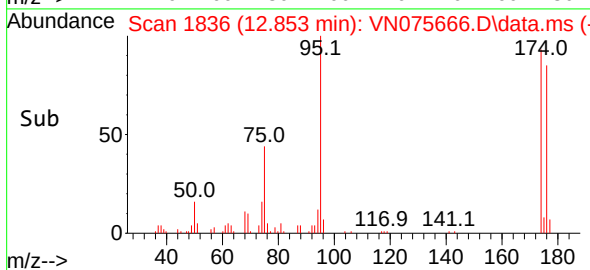
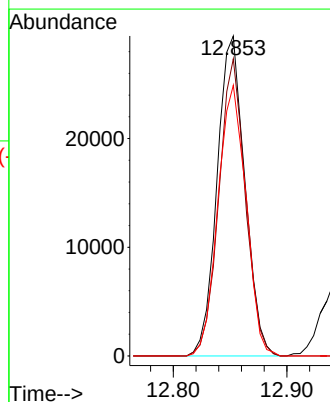
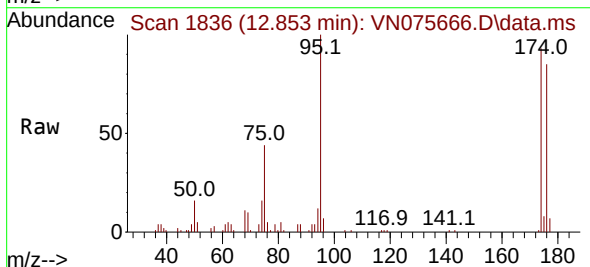
Manual Integrations
APPROVED

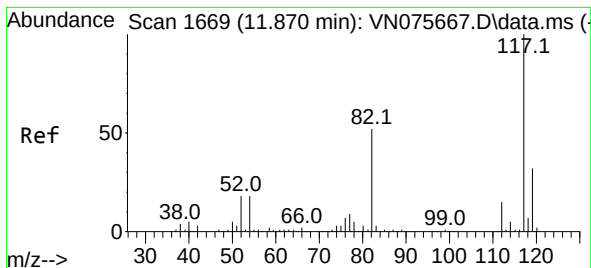
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 22.441 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 95 Resp: 49978
Ion Ratio Lower Upper
95 100
174 88.6 0.0 147.4
176 85.6 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 309269

Ion Ratio Lower Upper

117 100

82 51.4 43.1 64.7

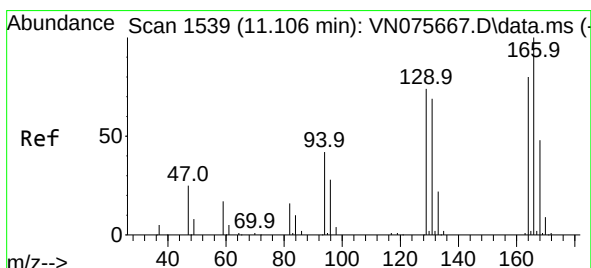
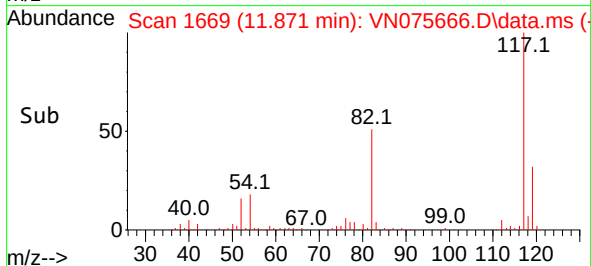
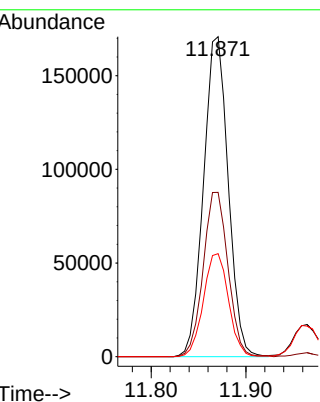
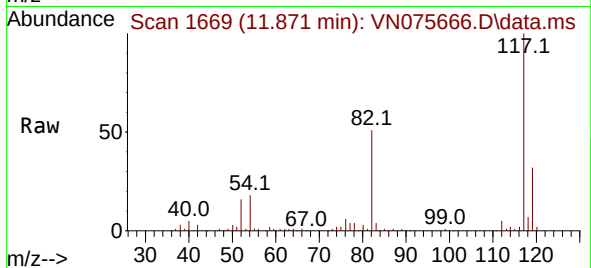
119 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#64

Tetrachloroethene

Concen: 18.232 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:164 Resp: 43060

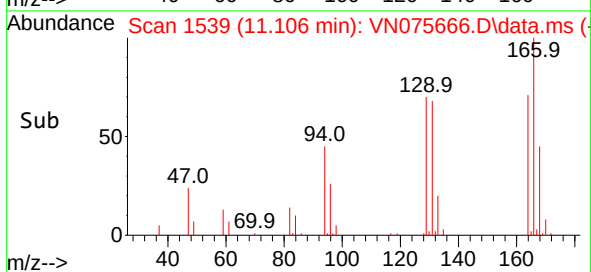
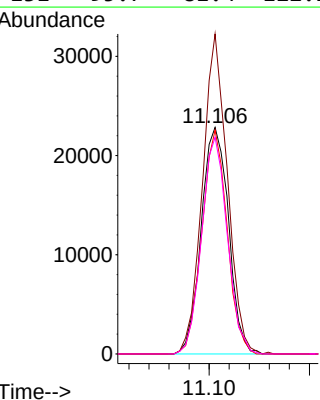
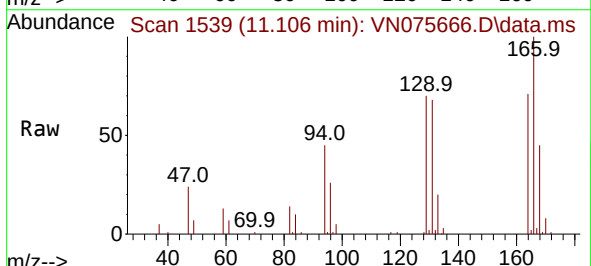
Ion Ratio Lower Upper

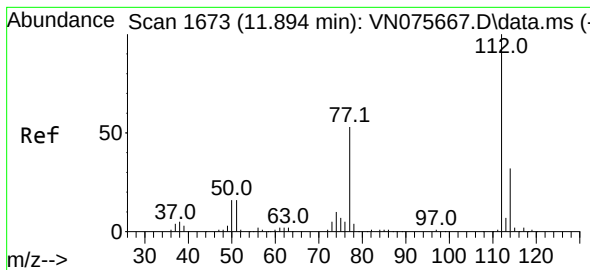
164 100

166 141.3 106.5 159.7

129 98.8 81.9 122.9

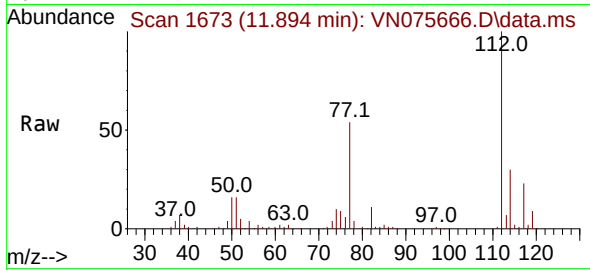
131 95.7 81.4 122.2





#65
Chlorobenzene
Concen: 19.319 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

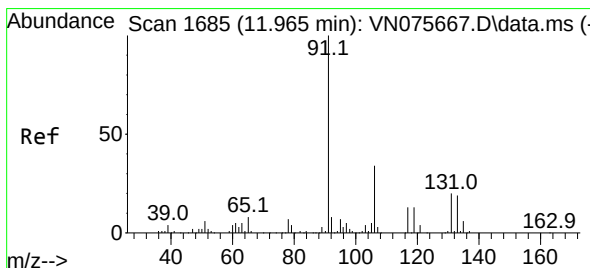
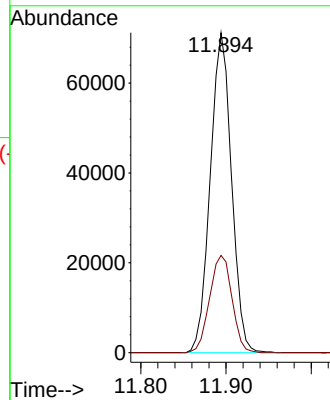
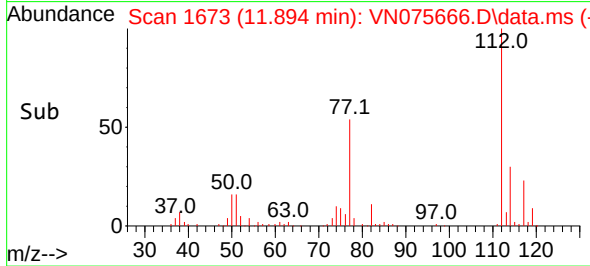
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 123380
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2

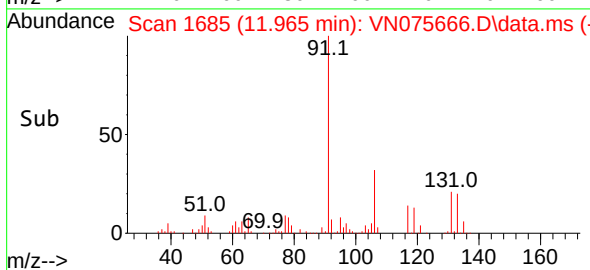
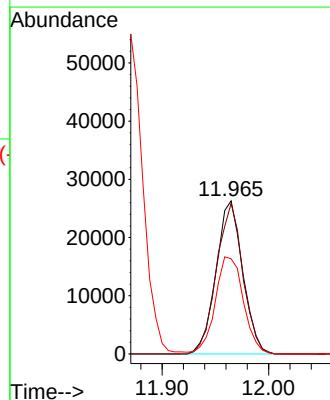
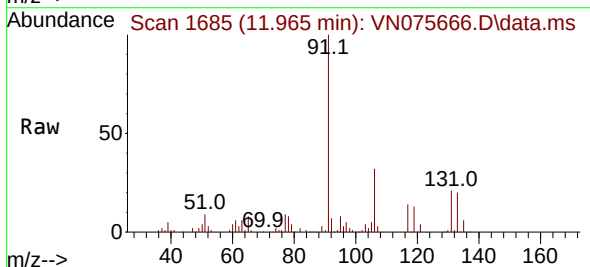
Manual Integrations
APPROVED

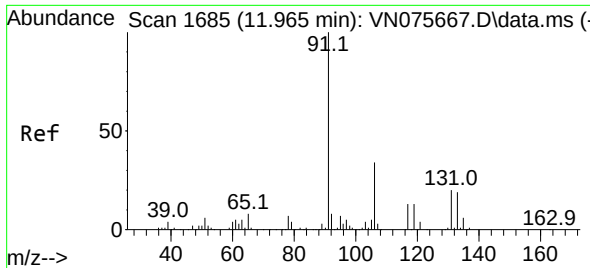
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.200 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:131 Resp: 45768
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 66.7 33.0 99.0





#67

Ethyl Benzene

Concen: 19.778 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 215500

Ion Ratio Lower Upper

91 100

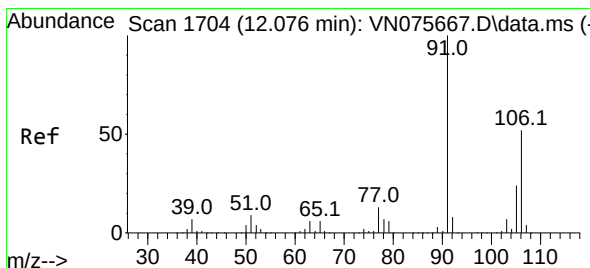
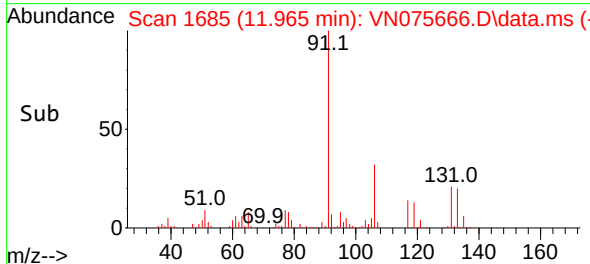
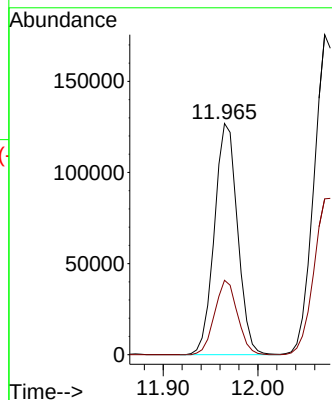
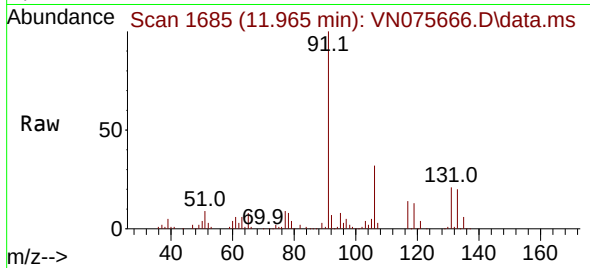
106 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#68

m/p-Xylenes

Concen: 39.004 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. 0.005 min

Lab File: VN075666.D

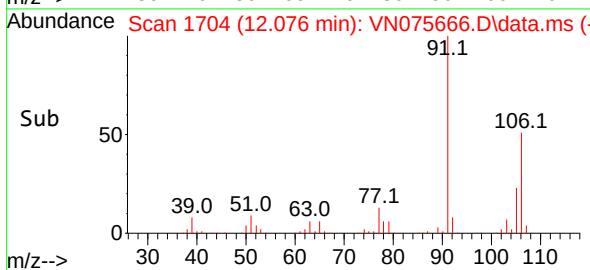
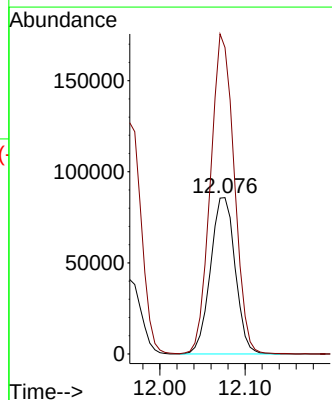
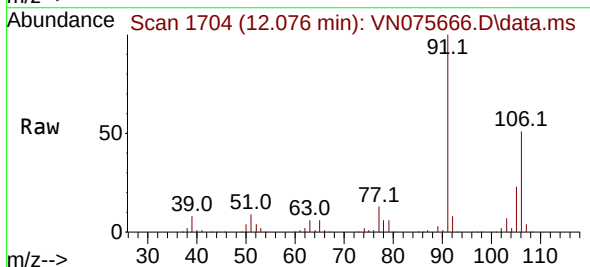
Acq: 09 Dec 2022 13:45

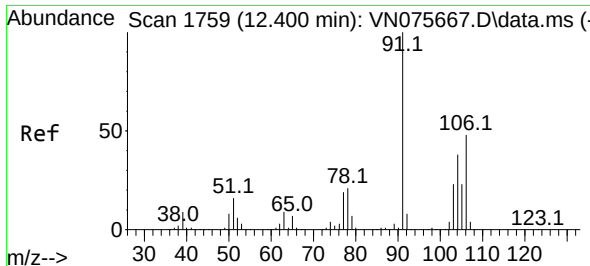
Tgt Ion:106 Resp: 172588

Ion Ratio Lower Upper

106 100

91 197.3 156.0 234.0





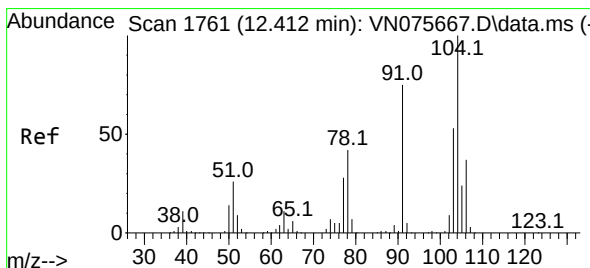
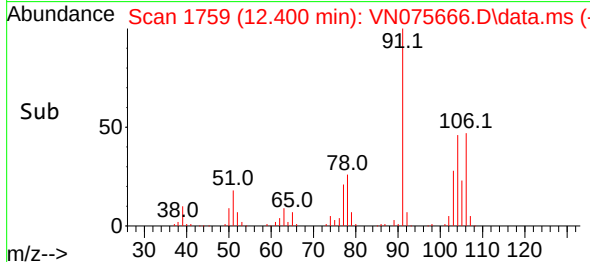
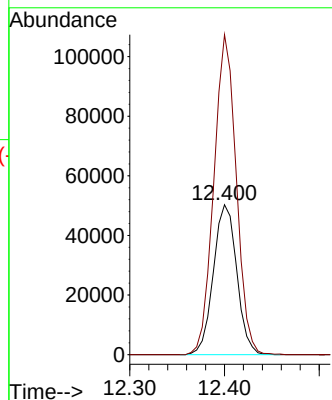
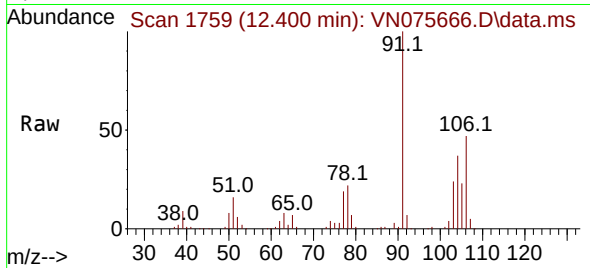
#69
o-Xylene
Concen: 19.654 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8640
Ion Ratio Lower Upper
106 100
91 204.4 105.2 315.5

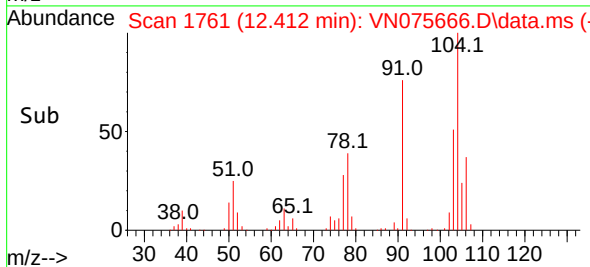
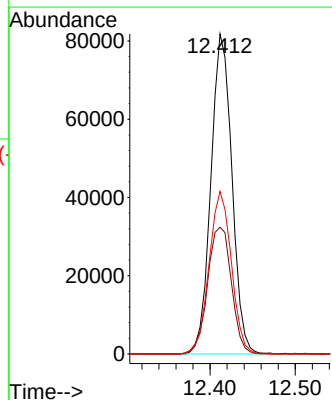
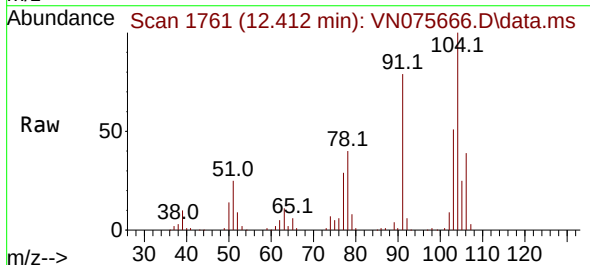
Manual Integrations
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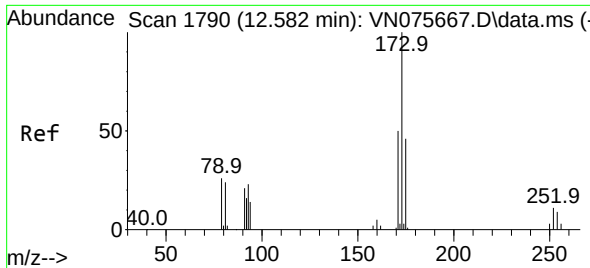
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 20.250 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:104 Resp: 140444
Ion Ratio Lower Upper
104 100
78 44.9 38.1 57.1
103 53.8 44.6 66.8





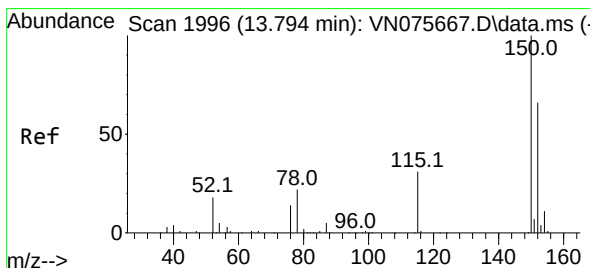
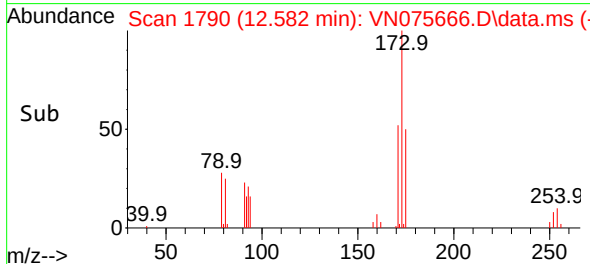
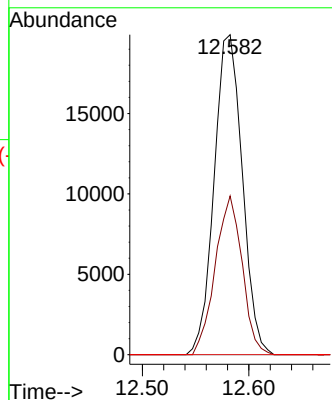
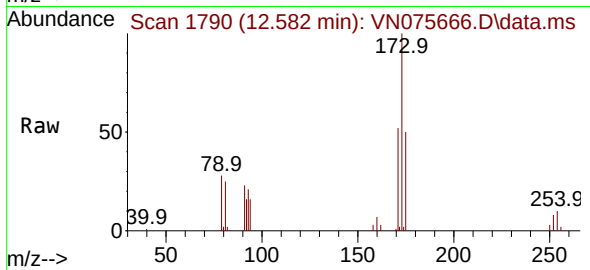
#71
Bromoform
Concen: 20.122 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 3650
Ion Ratio Lower Upper
173 100
175 47.4 24.6 74.0
254 0.0 0.0 0.0

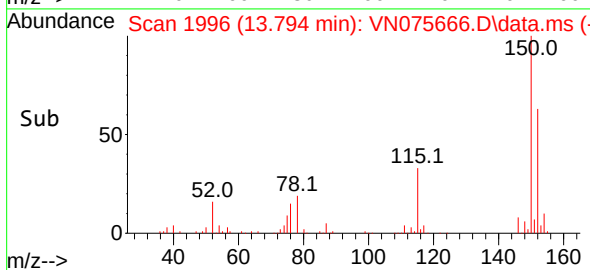
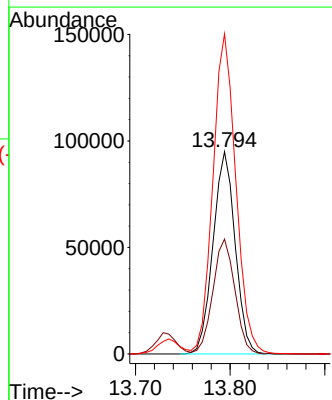
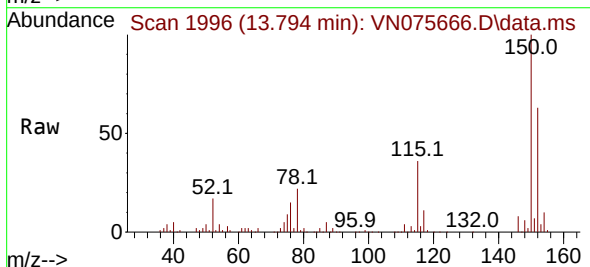
Manual Integrations
APPROVED

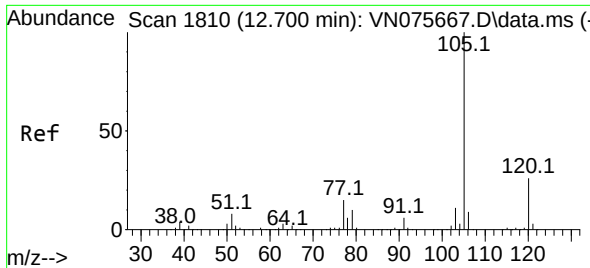
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:152 Resp: 154105
Ion Ratio Lower Upper
152 100
115 56.6 30.2 90.6
150 163.8 0.0 348.4





#73
Isopropylbenzene
Concen: 19.616 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

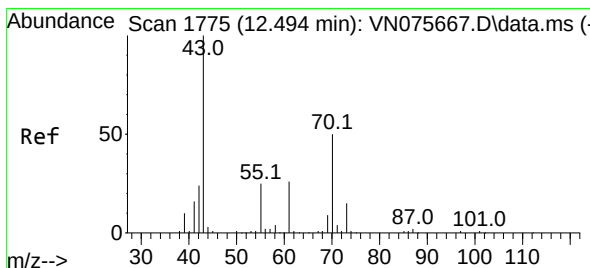
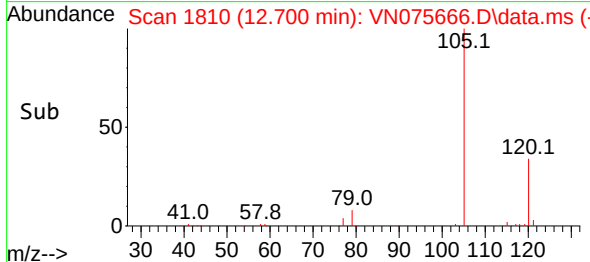
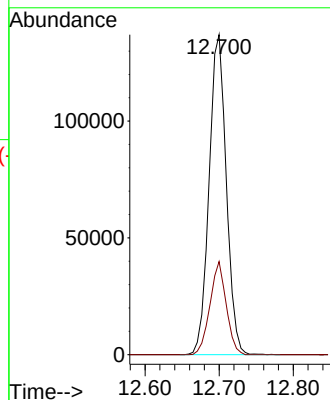
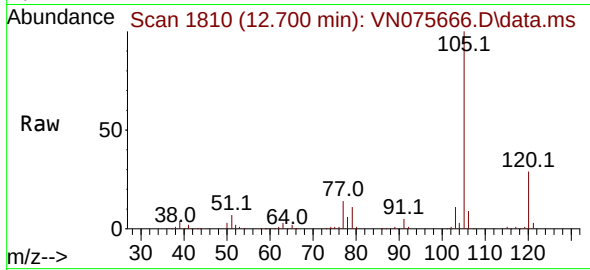
VSTDICC020

Tgt Ion:105 Resp: 220854
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

Manual Integrations

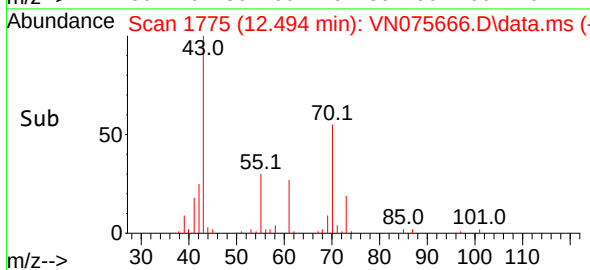
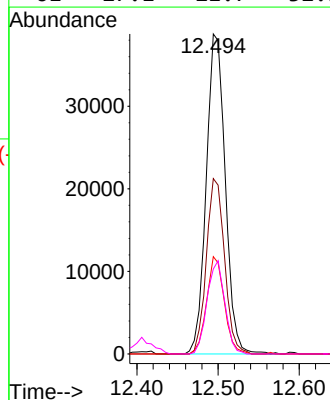
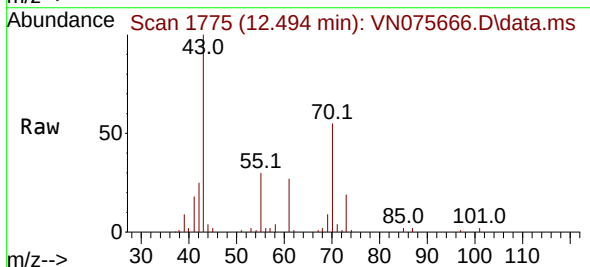
APPROVED

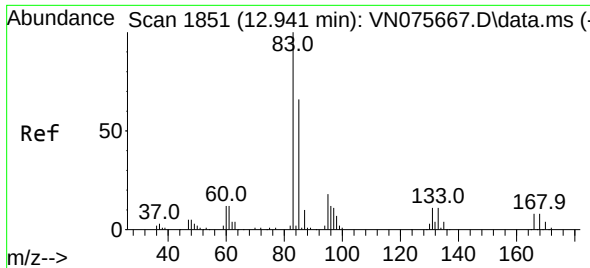
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#74
N-ethyl acetate
Concen: 18.228 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

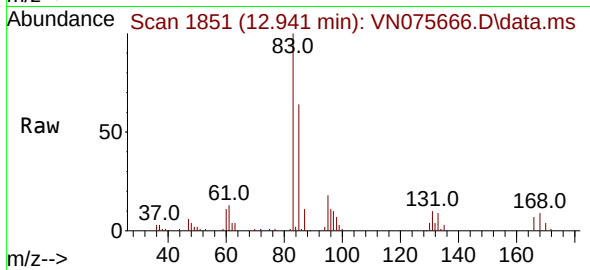
Tgt Ion: 43 Resp: 63094
Ion Ratio Lower Upper
43 100
70 52.3 39.8 59.8
55 28.2 19.9 29.9
61 27.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.732 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

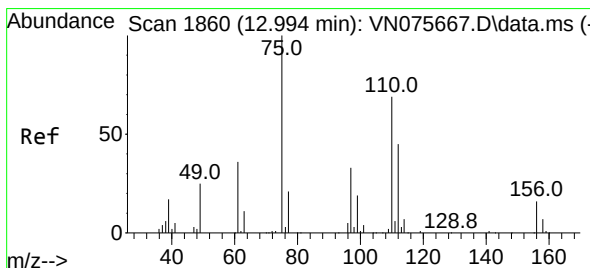
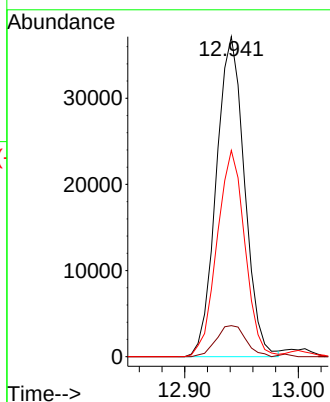
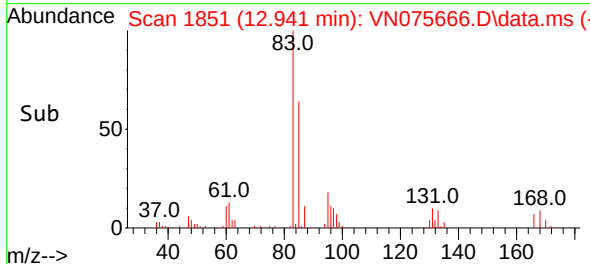
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



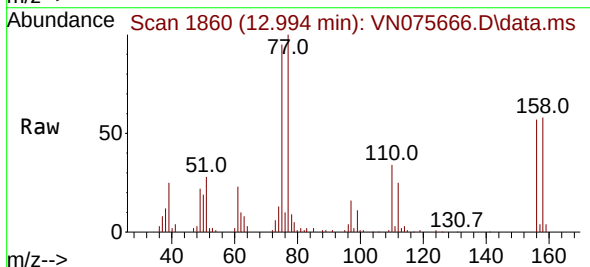
Tgt Ion: 83 Resp: 6429
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.5 31.6 94.7

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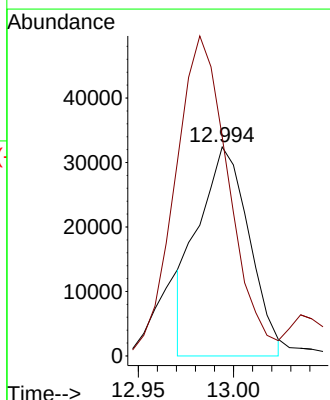
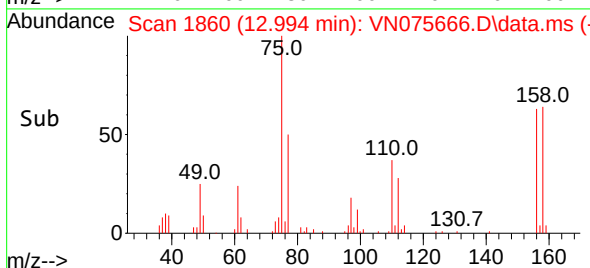
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

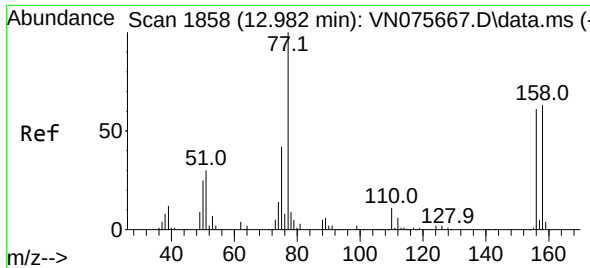


#76
1,2,3-Trichloropropane
Concen: 20.693 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



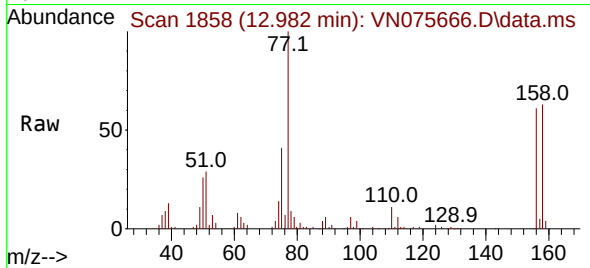
Tgt Ion: 75 Resp: 60293
Ion Ratio Lower Upper
75 100
77 162.3 75.6 226.8





#77
Bromobenzene
Concen: 19.462 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

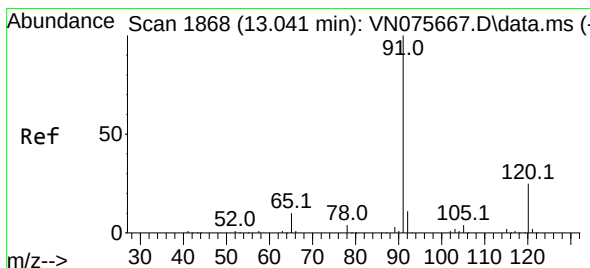
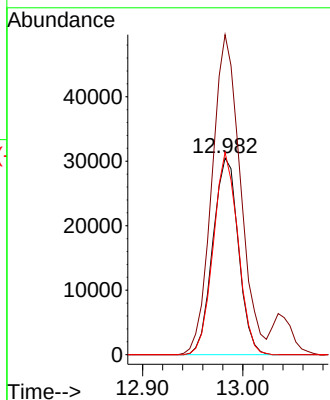
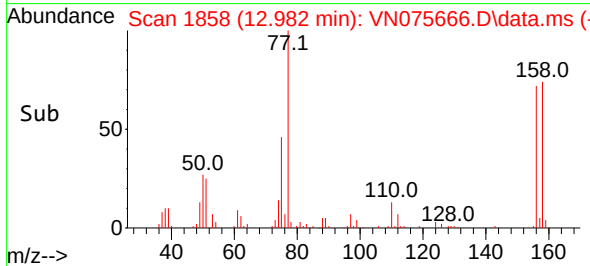
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



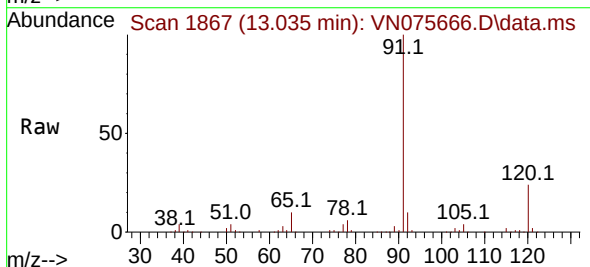
Tgt Ion:156 Resp: 5409
Ion Ratio Lower Upper
156 100
77 180.9 108.5 325.5
158 98.9 47.7 143.1

Manual Integrations
APPROVED

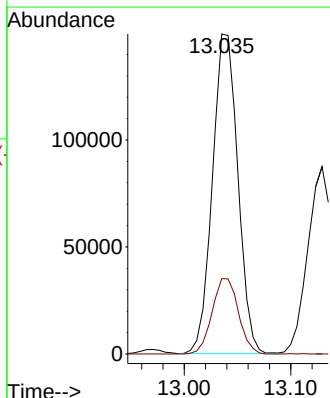
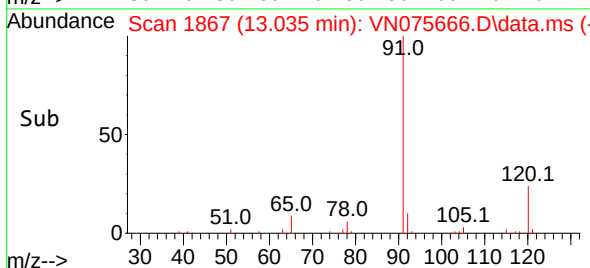
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

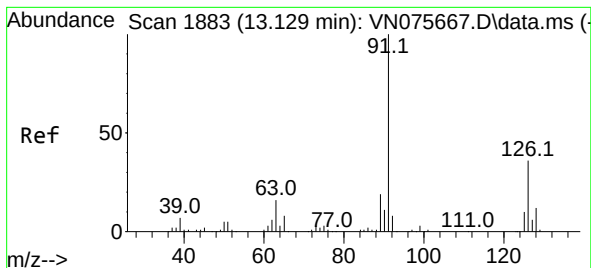


#78
n-propylbenzene
Concen: 19.718 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion: 91 Resp: 247750
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





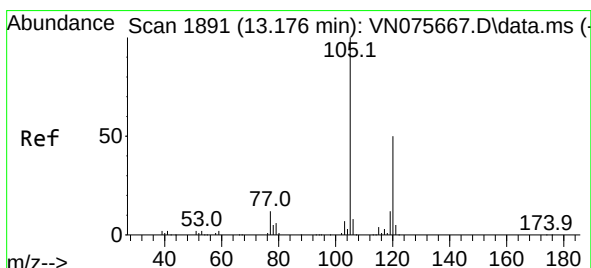
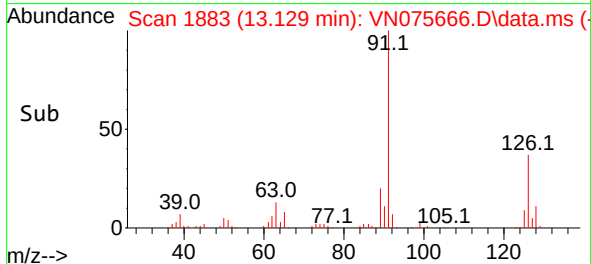
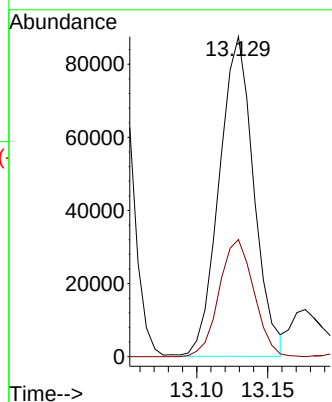
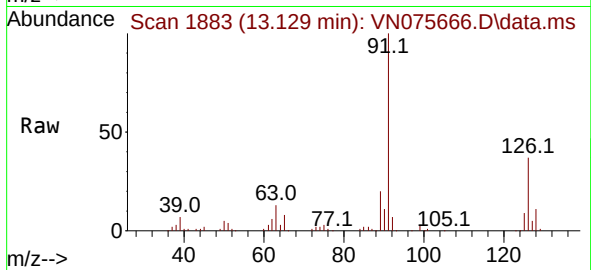
#79
2-Chlorotoluene
Concen: 19.551 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 148014
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.7

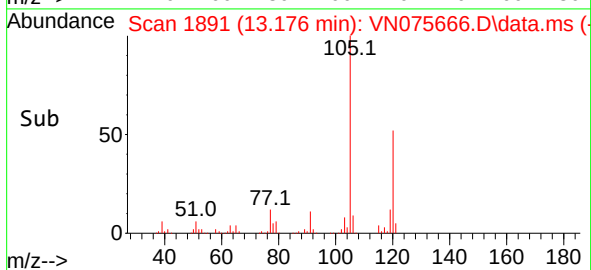
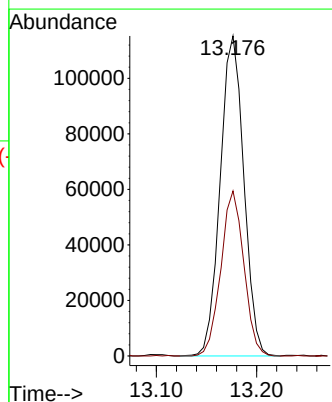
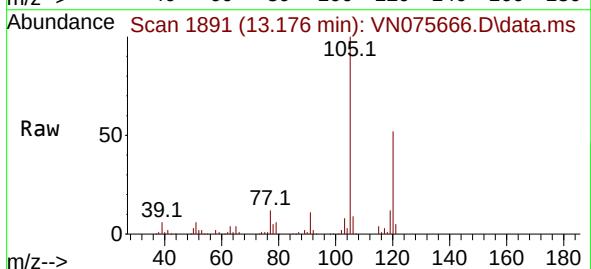
Manual Integrations
APPROVED

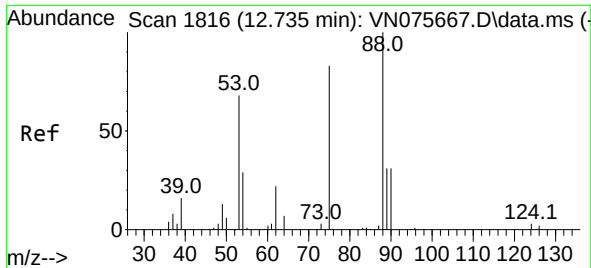
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.152 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

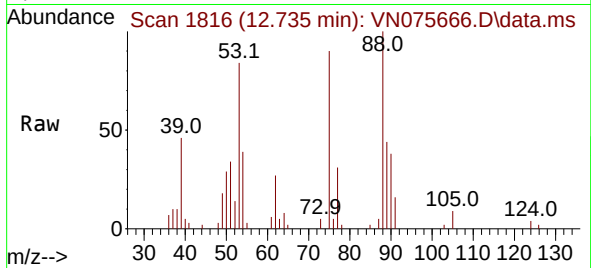
Tgt Ion:105 Resp: 188503
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.047 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

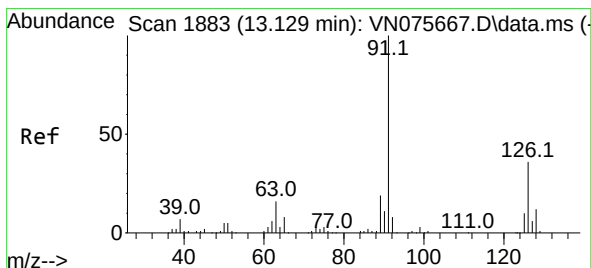
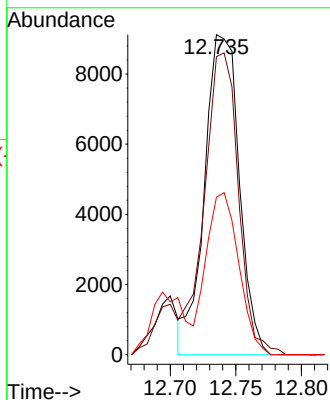
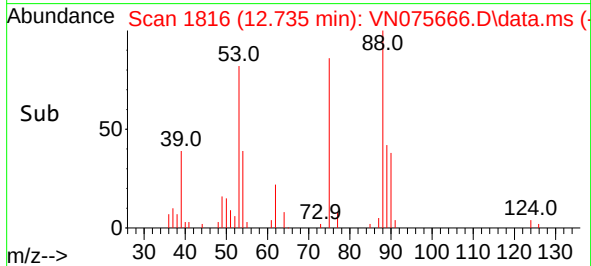
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1678
Ion Ratio Lower Upper
75 100
53 92.9 78.5 117.7
89 47.2 37.7 56.5

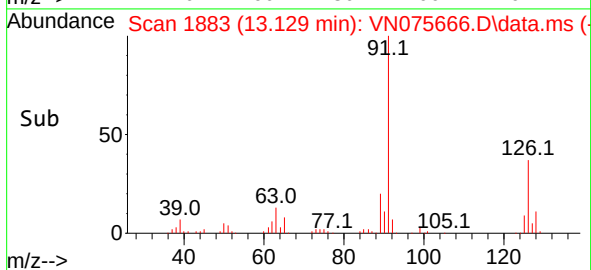
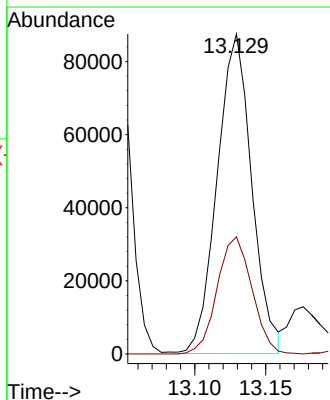
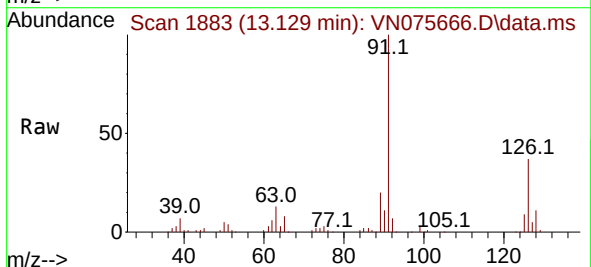
Manual Integrations
APPROVED

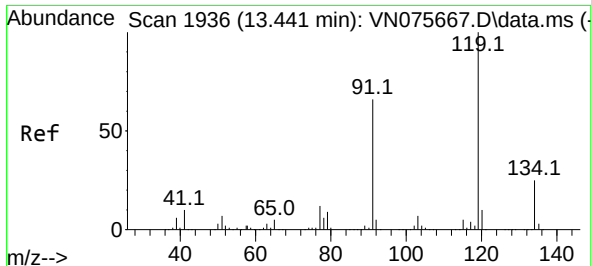
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 19.551 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

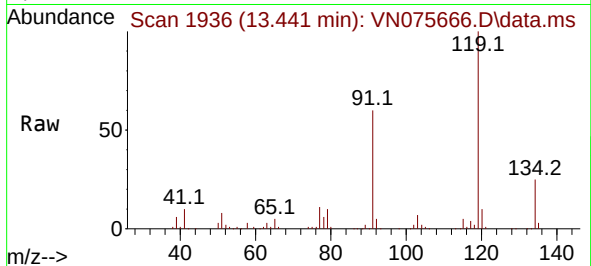
Tgt Ion: 91 Resp: 148014
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.681 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

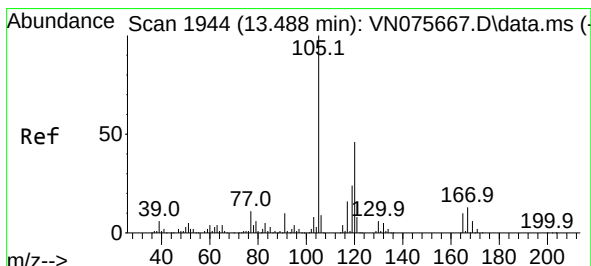
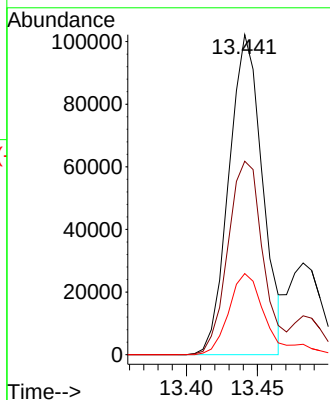
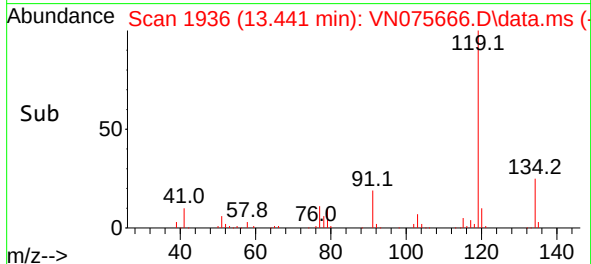
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



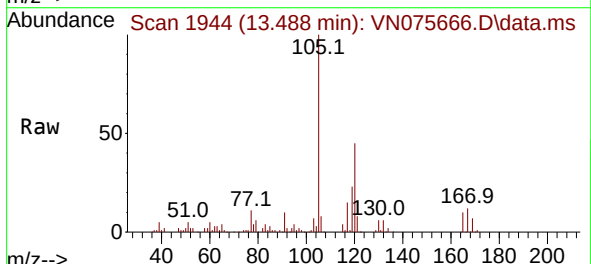
Tgt Ion:119 Resp: 167854
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.4
134 28.2 12.3 36.9

Manual Integrations
APPROVED

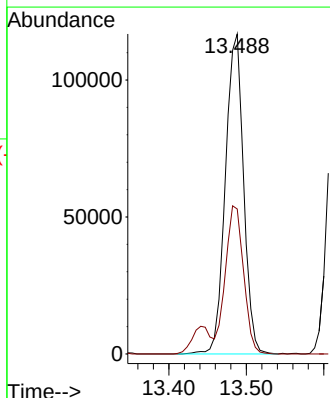
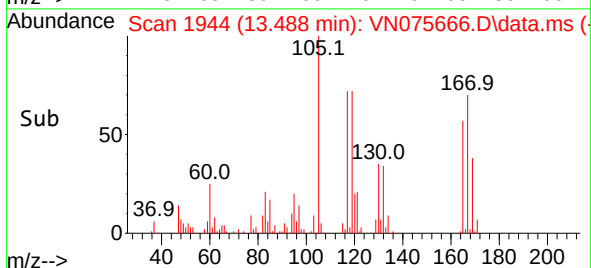
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

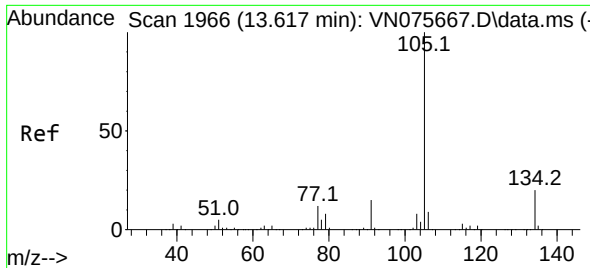


#84
1,2,4-Trimethylbenzene
Concen: 20.314 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



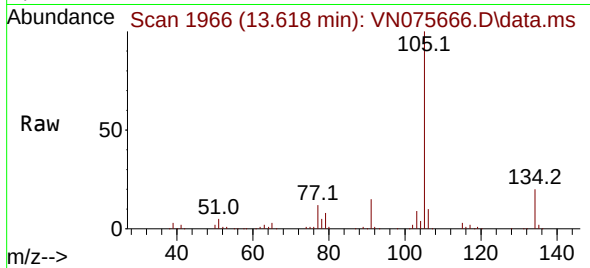
Tgt Ion:105 Resp: 190595
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.216 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

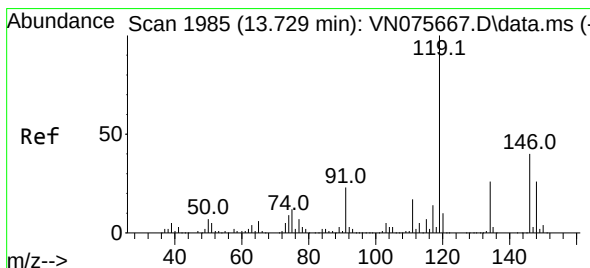
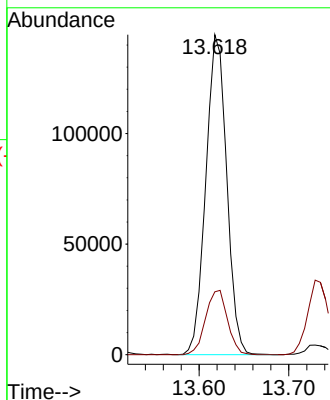
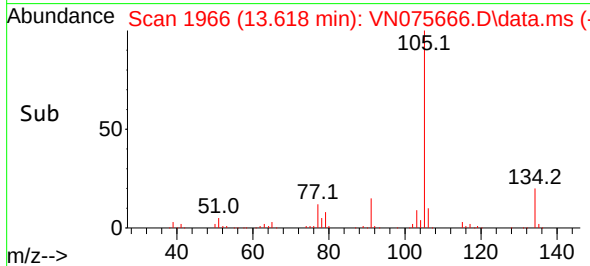
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



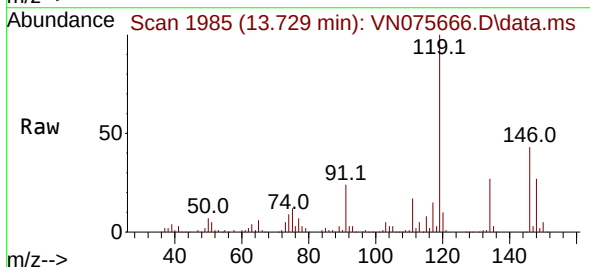
Tgt Ion:105 Resp: 23393
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

Manual Integrations
 APPROVED

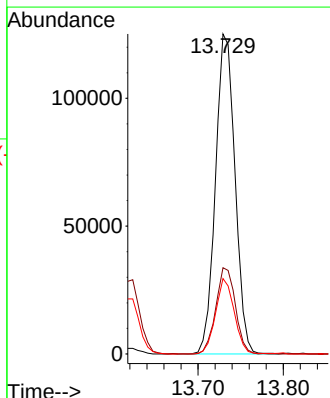
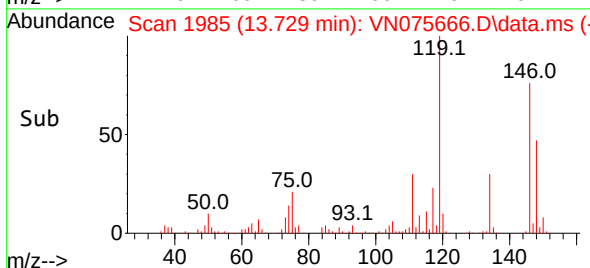
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

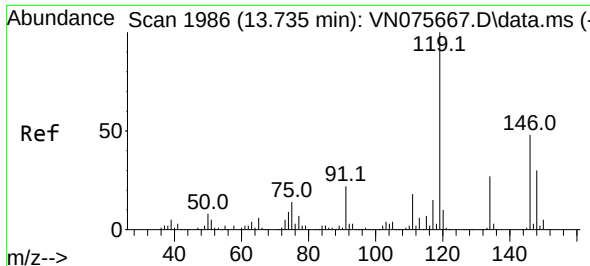


#86
 p-Isopropyltoluene
 Concen: 20.488 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45



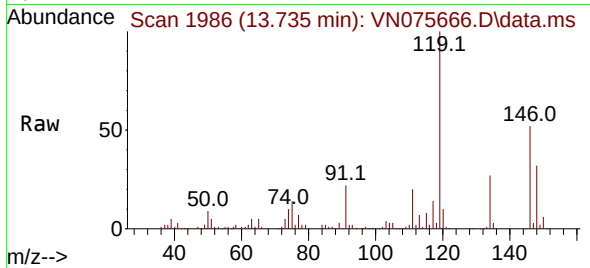
Tgt Ion:119 Resp: 199474
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.468 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

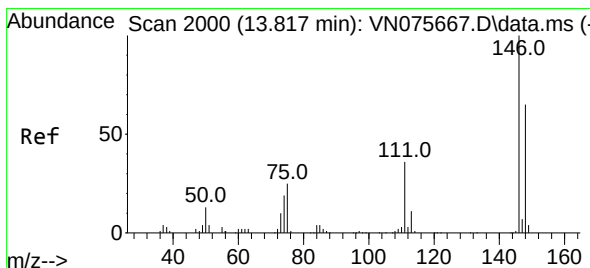
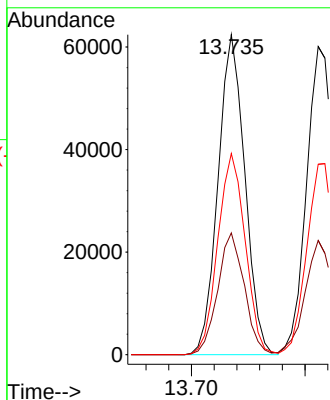
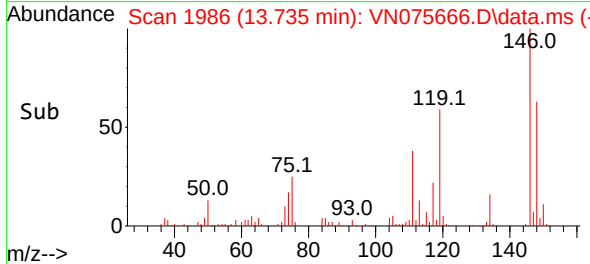
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



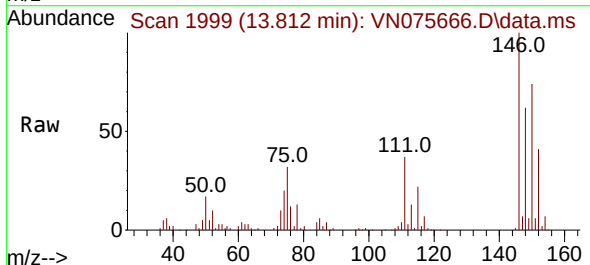
Tgt Ion:146 Resp: 102529
Ion Ratio Lower Upper
146 100
111 37.7 20.8 62.5
148 64.3 31.1 93.5

Manual Integrations
APPROVED

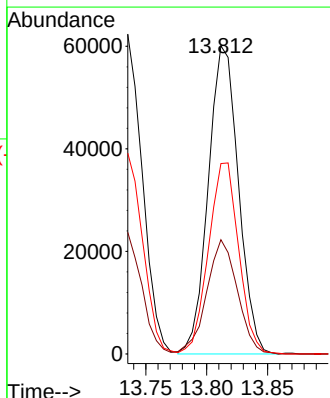
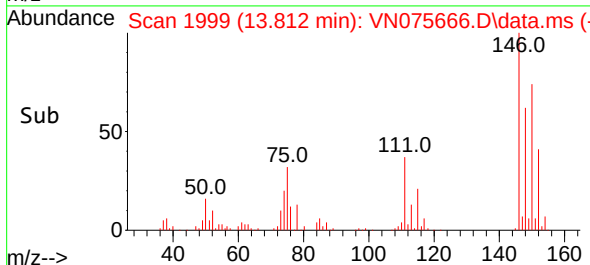
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

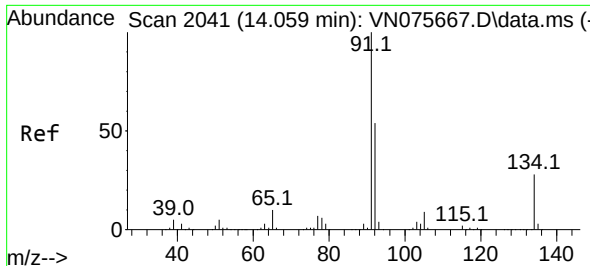


#88
1,4-Dichlorobenzene
Concen: 19.377 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion:146 Resp: 103662
Ion Ratio Lower Upper
146 100
111 37.7 20.1 60.3
148 62.1 31.9 95.7





#89

n-Butylbenzene

Concen: 18.690 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 153690

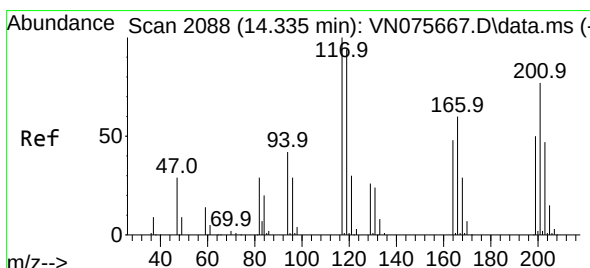
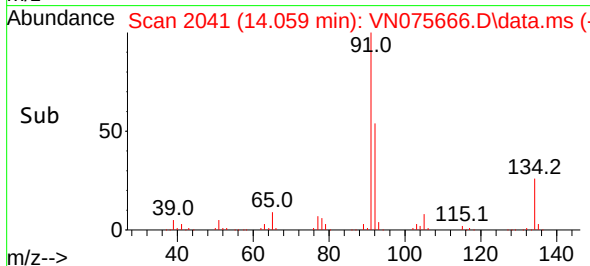
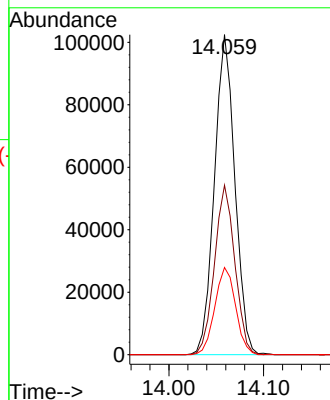
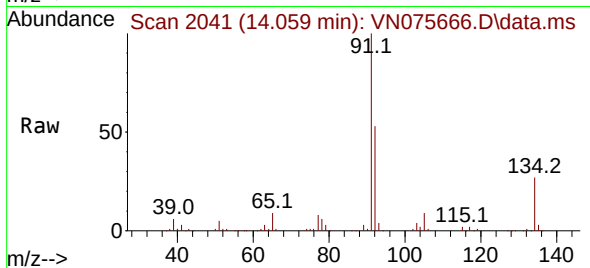
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.4
134	27.6	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#90

Hexachloroethane

Concen: 20.044 ug/l

RT: 14.335 min Scan# 2088

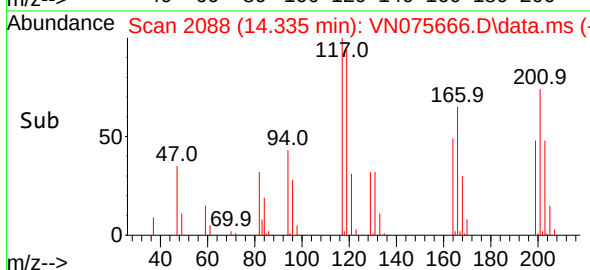
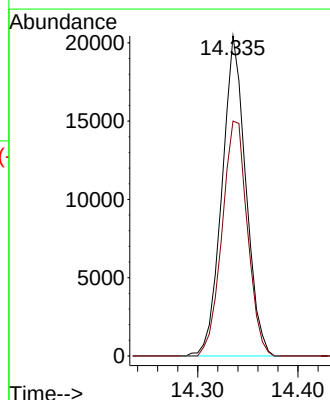
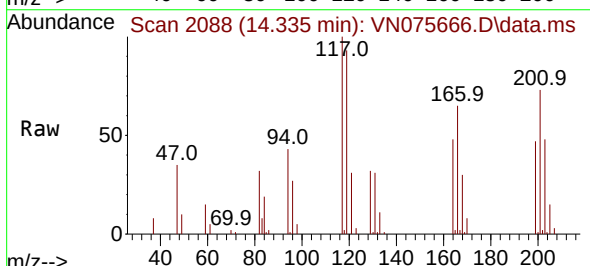
Delta R.T. 0.000 min

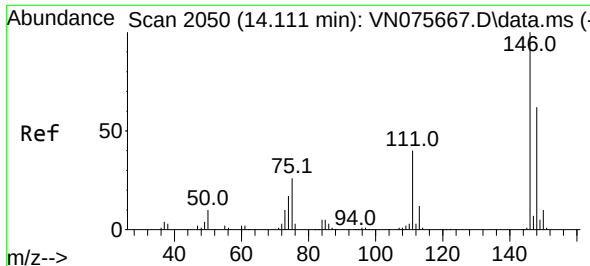
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:117 Resp: 33667

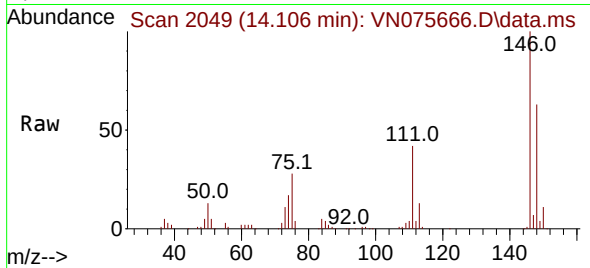
Ion	Ratio	Lower	Upper
117	100		
201	77.9	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 19.774 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

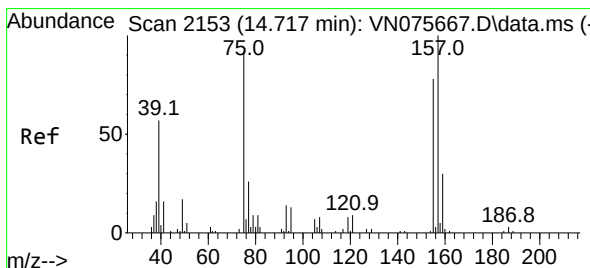
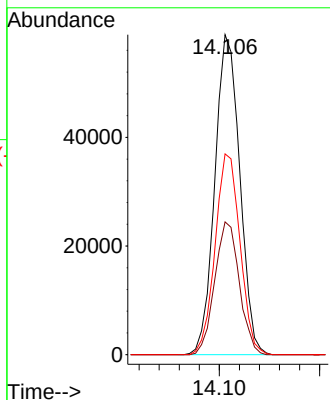
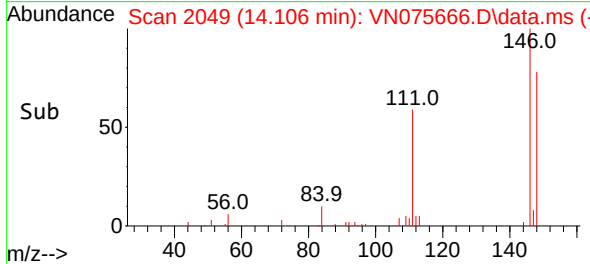
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



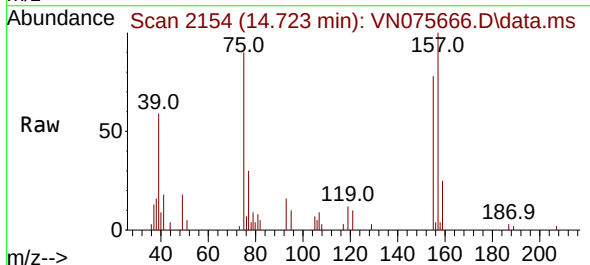
Tgt Ion:146 Resp: 101509
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 62.7 31.4 94.2

Manual Integrations
APPROVED

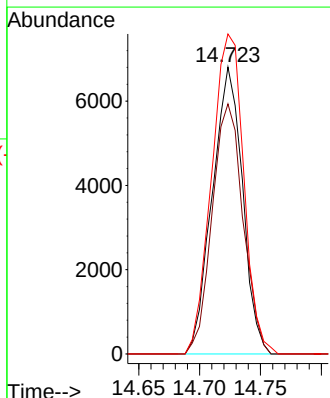
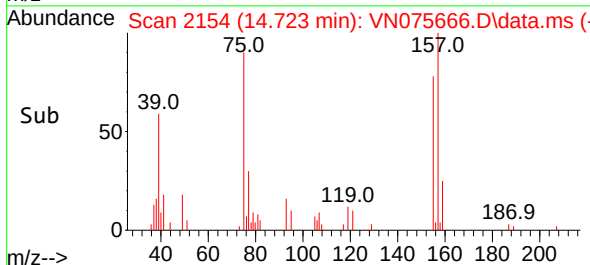
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

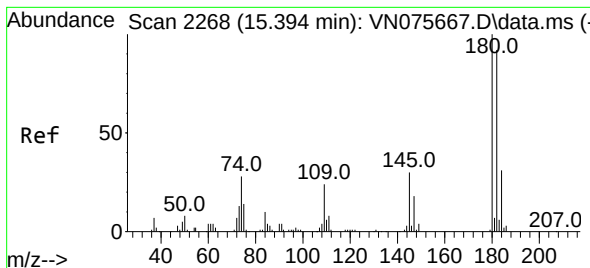


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.080 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion: 75 Resp: 11756
Ion Ratio Lower Upper
75 100
155 88.9 42.1 126.3
157 118.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 19.081 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

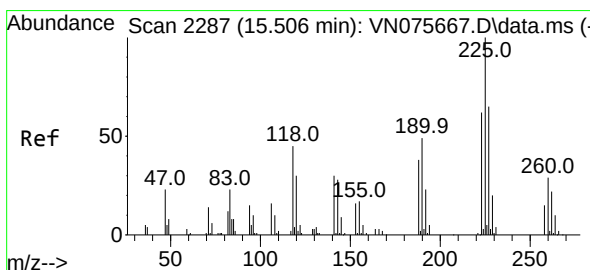
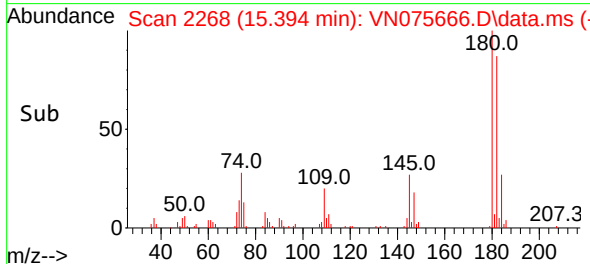
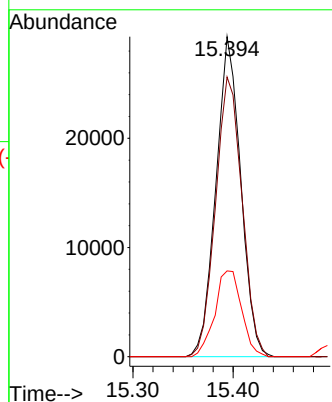
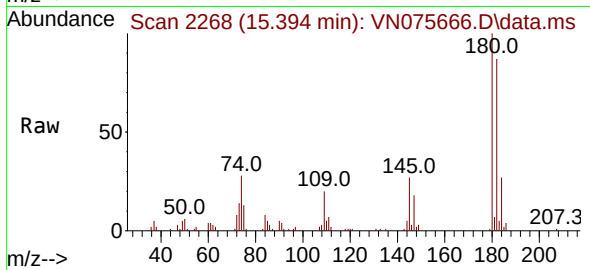
Tgt Ion:	180	Resp:	50190
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.8	143.4
145	29.0	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#94

Hexachlorobutadiene

Concen: 20.438 ug/l

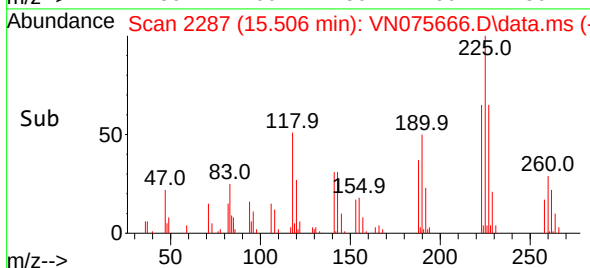
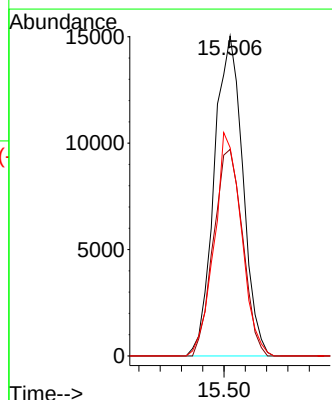
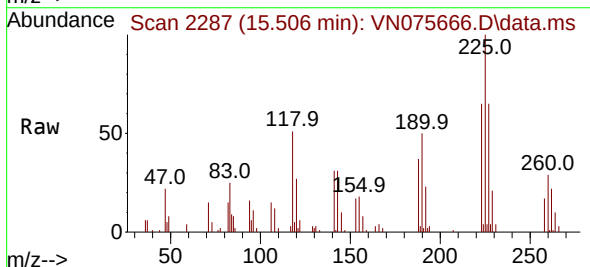
RT: 15.506 min Scan# 2287

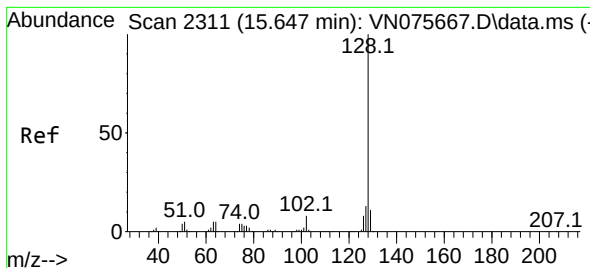
Delta R.T. -0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

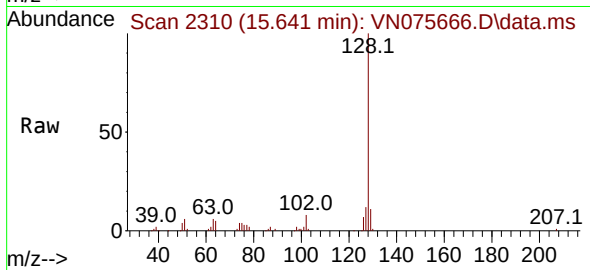
Tgt Ion:	225	Resp:	28006
Ion Ratio	Lower	Upper	
225	100		
223	65.6	32.3	96.9
227	66.0	32.0	96.2





#95
Naphthalene
Concen: 17.166 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

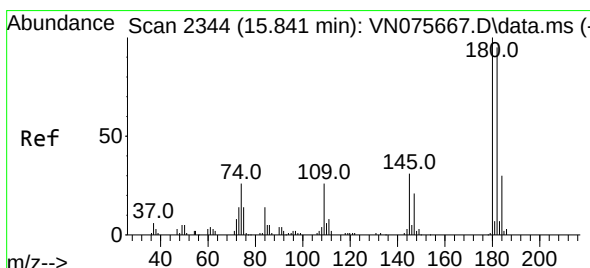
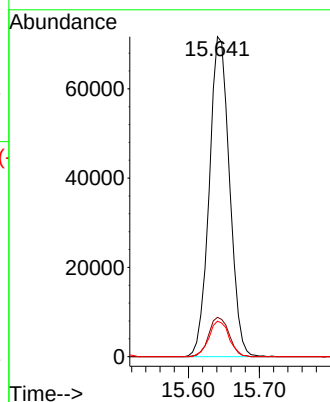
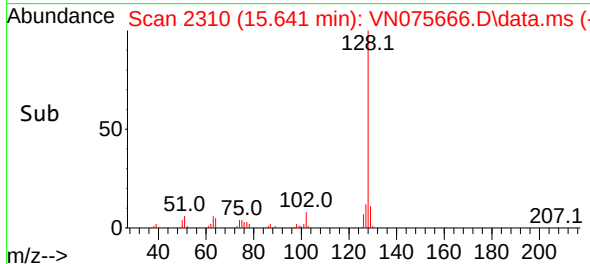
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 142069
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 11.1 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: 18.645 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:180 Resp: 48208
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.8
145 32.1 17.6 52.9

