

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075665.D
 Acq On : 09 Dec 2022 13:21
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 14:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 09 13:25:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	216236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	22752	19.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.200%#		
35) Dibromofluoromethane	8.171	113	20938	15.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	30.560%#		
50) Toluene-d8	10.571	98	77669	25.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	50.320%#		
62) 4-Bromofluorobenzene	12.853	95	25163	11.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	22.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	15659	9.470	ug/l	99
3) Chloromethane	2.371	50	17918	8.709	ug/l	94
4) Vinyl Chloride	2.524	62	23054	8.891	ug/l	98
5) Bromomethane	2.953	94	19448	8.529	ug/l	99
6) Chloroethane	3.124	64	17626	8.971	ug/l	99
7) Trichlorofluoromethane	3.506	101	33375	9.010	ug/l	94
8) Diethyl Ether	3.971	74	12332	9.499	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.394	101	19738	9.652	ug/l	91
10) Methyl Iodide	4.594	142	31624	9.544	ug/l #	91
11) Tert butyl alcohol	5.541	59	16295	33.442	ug/l	98
12) 1,1-Dichloroethene	4.359	96	18397	9.187	ug/l	91
13) Acrolein	4.189	56	18763	44.202	ug/l	100
14) Allyl chloride	5.047	41	22539m	8.702	ug/l	
15) Acrylonitrile	5.736	53	42918	38.391	ug/l	98
16) Acetone	4.436	43	40753	37.641	ug/l	97
17) Carbon Disulfide	4.724	76	46016	8.842	ug/l	100
18) Methyl Acetate	5.036	43	23261	7.258	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	62017	8.743	ug/l #	91
20) Methylene Chloride	5.289	84	22305	8.793	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	20339	8.912	ug/l	94
22) Diisopropyl ether	6.683	45	51669	8.741	ug/l	97
23) Vinyl Acetate	6.612	43	195503m	41.575	ug/l	
24) 1,1-Dichloroethane	6.583	63	34497	9.092	ug/l	98
25) 2-Butanone	7.488	43	56246	37.211	ug/l	98
26) 2,2-Dichloropropane	7.500	77	28584	8.106	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	24671	9.561	ug/l	92
28) Bromochloromethane	7.818	49	13893	9.021	ug/l #	79
29) Tetrahydrofuran	7.847	42	34631	37.666	ug/l	99
30) Chloroform	7.971	83	38033	8.729	ug/l	94
31) Cyclohexane	8.265	56	34543	9.367	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	34645	8.758	ug/l	96
36) 1,1-Dichloropropene	8.377	75	27573	9.225	ug/l	97
37) Ethyl Acetate	7.565	43	21428	7.962	ug/l	97
38) Carbon Tetrachloride	8.371	117	31437	9.575	ug/l	93
39) Methylcyclohexane	9.606	83	34343	9.181	ug/l	97
40) Benzene	8.606	78	85817	9.378	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	11592	8.425	ug/l	97
42) 1,2-Dichloroethane	8.677	62	28035	9.147	ug/l	95
43) Isopropyl Acetate	8.688	43	36575	8.467	ug/l	97
44) Trichloroethene	9.359	130	24359	9.728	ug/l	93
45) 1,2-Dichloropropane	9.624	63	20003	9.172	ug/l	89
46) Dibromomethane	9.712	93	15303	9.277	ug/l #	87
47) Bromodichloromethane	9.894	83	29397	9.203	ug/l #	90
48) Methyl methacrylate	9.682	41	17723	8.873	ug/l	94
49) 1,4-Dioxane	9.700	88	8323	146.739	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	112769	40.986	ug/l	99
52) Toluene	10.629	92	55023	9.331	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	28338	8.837	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	31379	9.009	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	22471	9.356	ug/l	95
56) Ethyl methacrylate	10.876	69	28493	8.784	ug/l	97
57) 1,3-Dichloropropane	11.165	76	35325	9.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	42720	36.518	ug/l	95
59) 2-Hexanone	11.200	43	81703	39.545	ug/l	98
60) Dibromochloromethane	11.359	129	24091	9.772	ug/l	100
61) 1,2-Dibromoethane	11.476	107	22395	8.983	ug/l	99
64) Tetrachloroethene	11.106	164	22132	9.335	ug/l	82
65) Chlorobenzene	11.894	112	61442	9.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	22457	9.384	ug/l	99
67) Ethyl Benzene	11.965	91	103680	9.478	ug/l	94
68) m/p-Xylenes	12.076	106	85805	19.316	ug/l	98
69) o-Xylene	12.400	106	41987	9.513	ug/l	96
70) Styrene	12.412	104	66633	9.570	ug/l	97
71) Bromoform	12.582	173	16857	9.255	ug/l #	99
73) Isopropylbenzene	12.700	105	106414	9.704	ug/l	96
74) N-amyl acetate	12.500	43	29007	8.604	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	31525	9.430	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	29870m	10.526	ug/l	
77) Bromobenzene	12.982	156	26288	9.711	ug/l	82
78) n-propylbenzene	13.041	91	115171	9.411	ug/l	98
79) 2-Chlorotoluene	13.129	91	72467	9.828	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	89725	9.849	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	7009m	7.308	ug/l	
82) 4-Chlorotoluene	13.129	91	72467	9.828	ug/l	96
83) tert-Butylbenzene	13.441	119	80822	9.730	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	88659	9.702	ug/l	97
85) sec-Butylbenzene	13.617	105	110141	9.772	ug/l	99
86) p-Isopropyltoluene	13.735	119	90380	9.531	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	48406	9.437	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	47393	9.096	ug/l	96
89) n-Butylbenzene	14.059	91	69806	8.716	ug/l	98
90) Hexachloroethane	14.335	117	15710	9.603	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	47921	9.585	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4938	7.797	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	21066	8.222	ug/l	96
94) Hexachlorobutadiene	15.506	225	13023	9.758	ug/l	97
95) Naphthalene	15.647	128	61977	7.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	21353	8.479	ug/l	97

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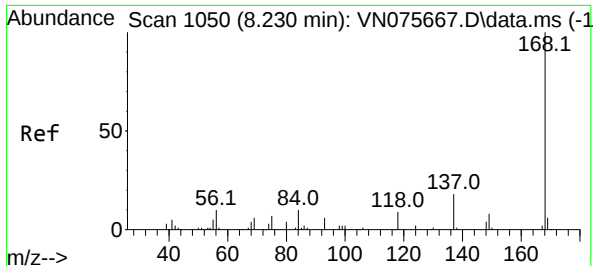
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

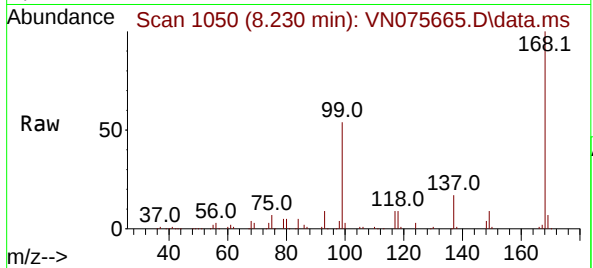
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075665.D
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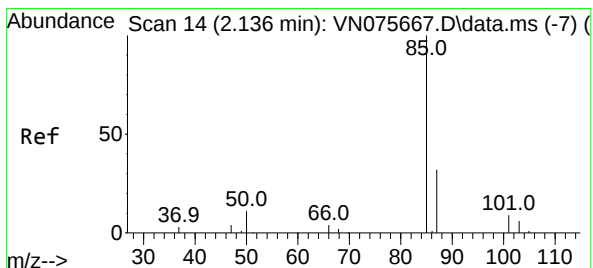
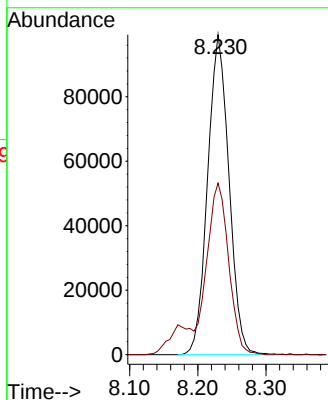
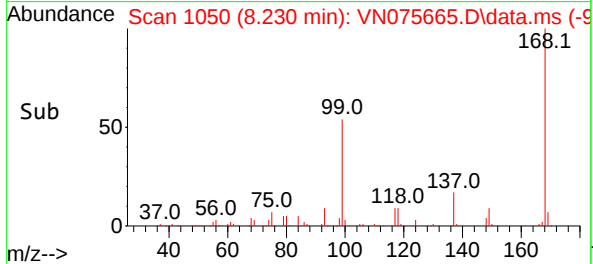
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 216230
Ion Ratio Lower Upper
168 100
99 53.5 51.6 77.4

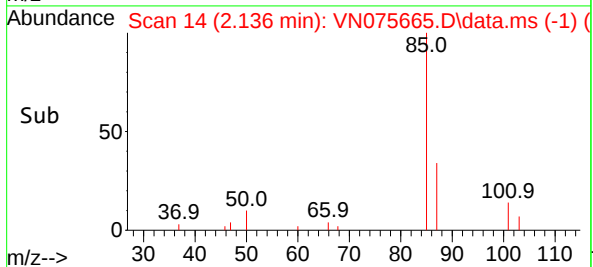
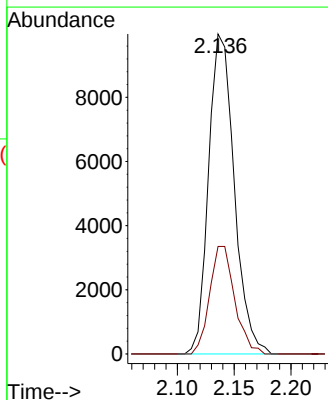
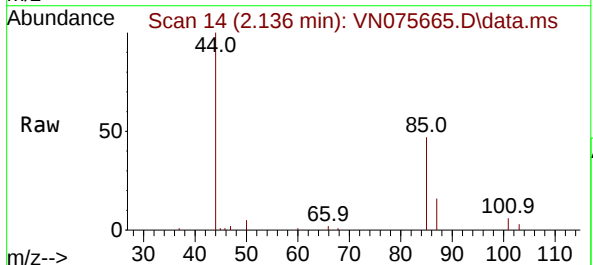
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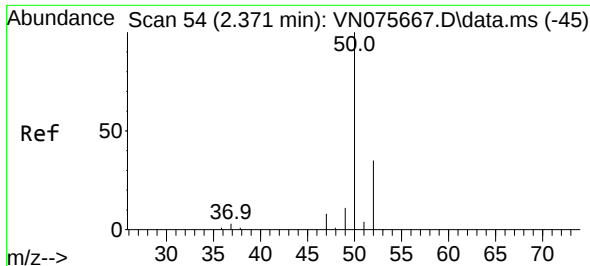
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#2
Dichlorodifluoromethane
Concen: 9.470 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 85 Resp: 15659
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.0





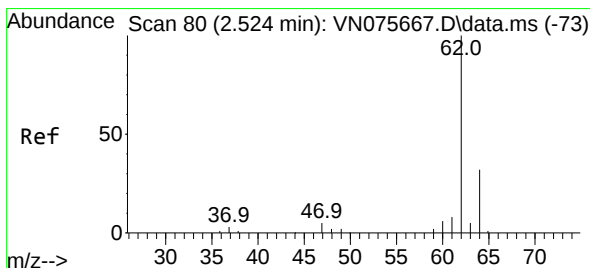
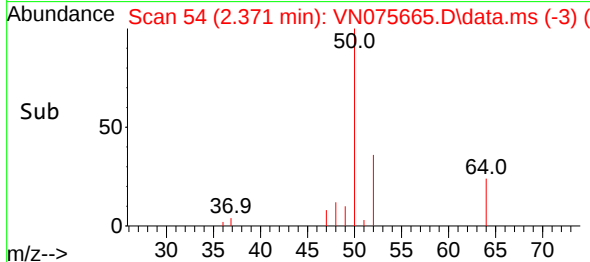
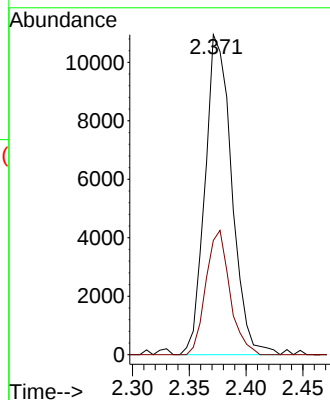
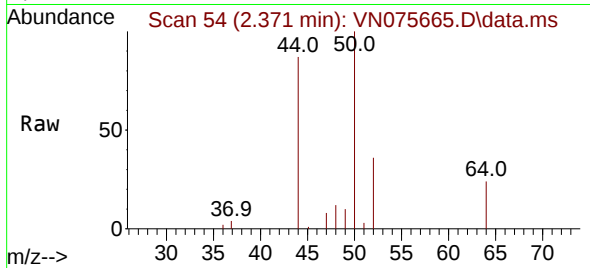
#3
Chloromethane
Concen: 8.709 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

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Tgt Ion: 50 Resp: 17918
Ion Ratio Lower Upper
50 100
52 35.7 25.8 38.6

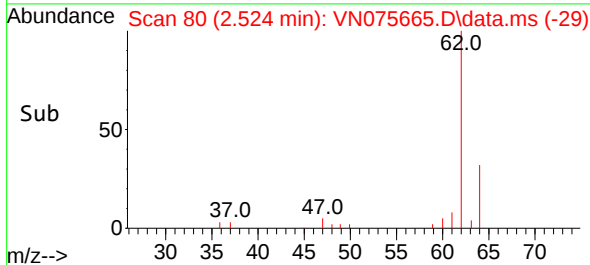
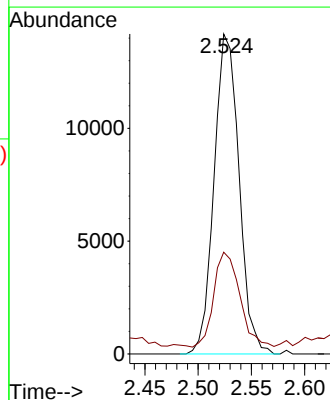
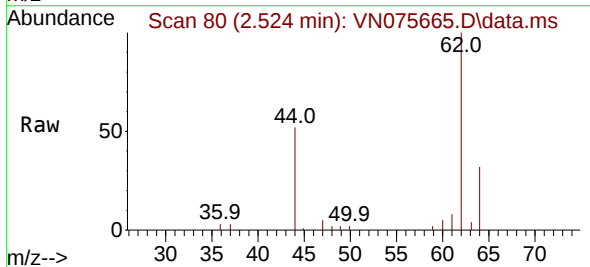
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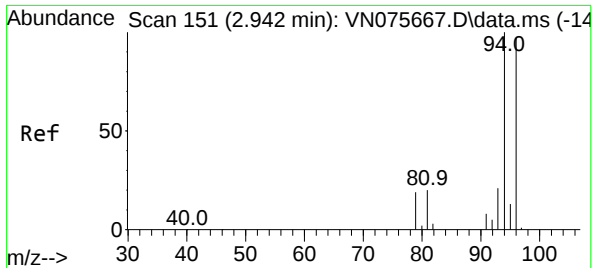
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#4
Vinyl Chloride
Concen: 8.891 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 62 Resp: 23054
Ion Ratio Lower Upper
62 100
64 29.0 24.0 36.0





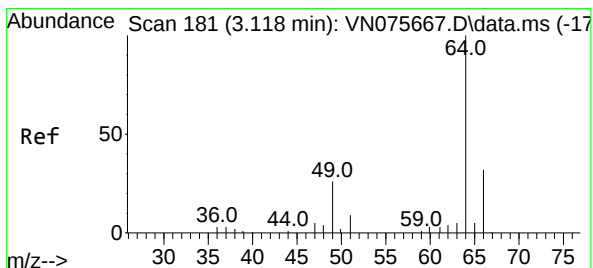
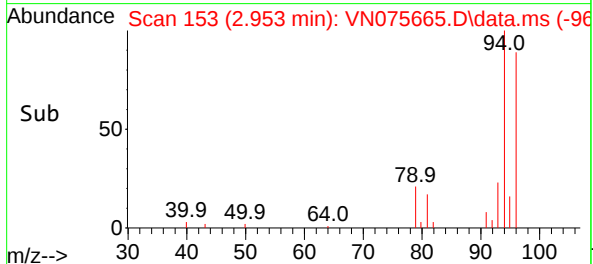
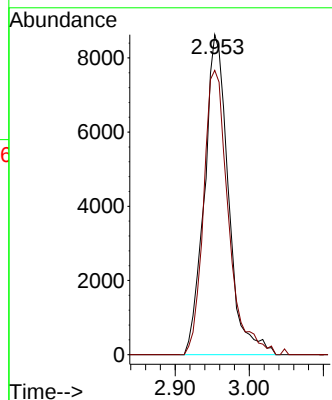
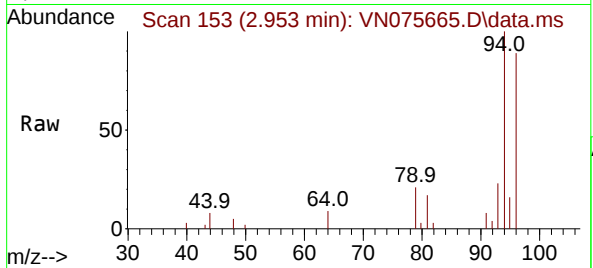
#5
Bromomethane
Concen: 8.529 ug/l
RT: 2.953 min Scan# 151
Delta R.T. 0.035 min
Lab File: VN075665.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 19448
Ion Ratio Lower Upper
94 100
96 88.8 71.8 107.6

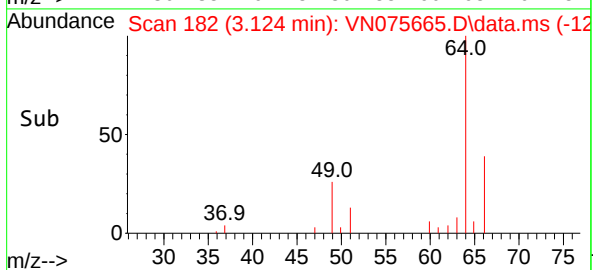
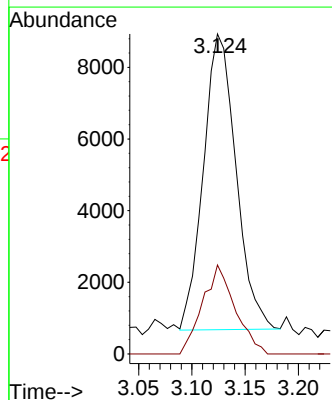
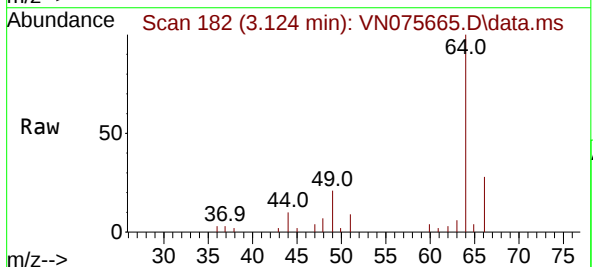
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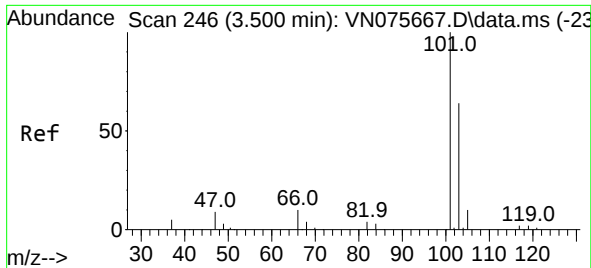
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 8.971 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.017 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 64 Resp: 17626
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.8





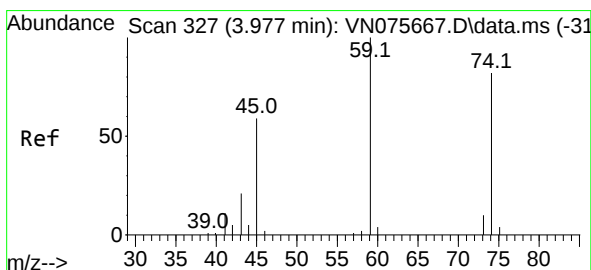
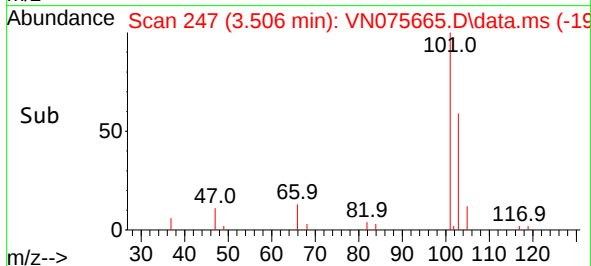
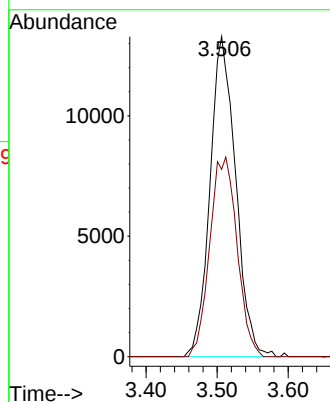
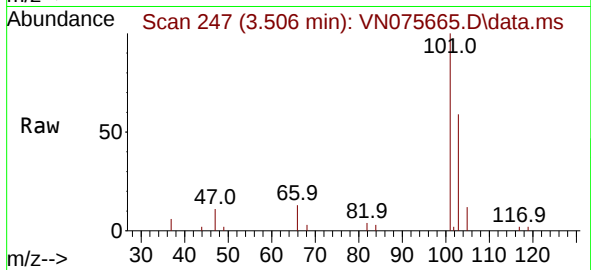
#7
Trichlorofluoromethane
Concen: 9.010 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3337
Ion Ratio Lower Upper
101 100
103 58.6 50.5 75.7

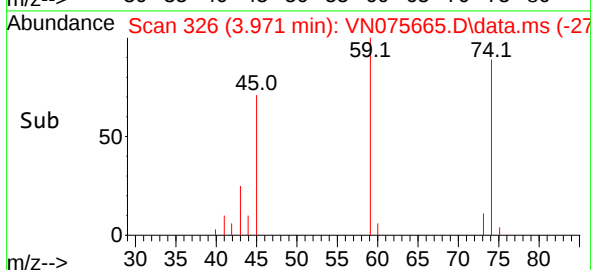
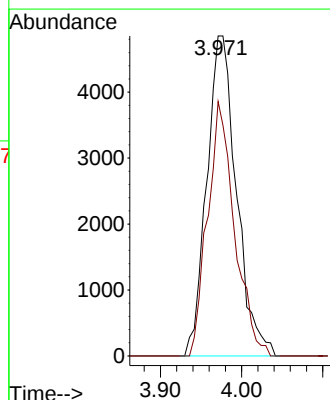
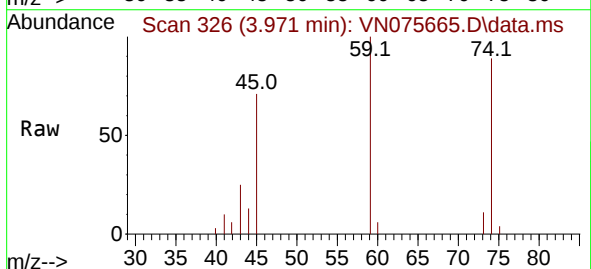
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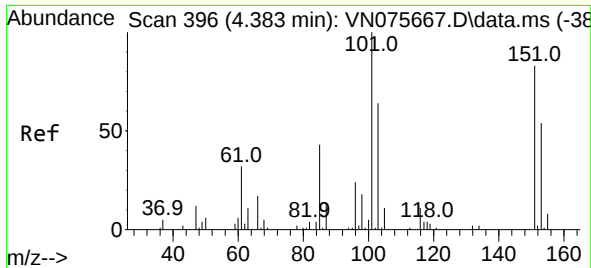
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#8
Diethyl Ether
Concen: 9.499 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
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Acq: 09 Dec 2022 13:21

Tgt Ion: 74 Resp: 12332
Ion Ratio Lower Upper
74 100
45 72.2 39.3 117.9





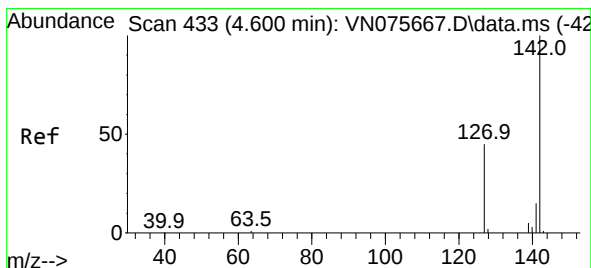
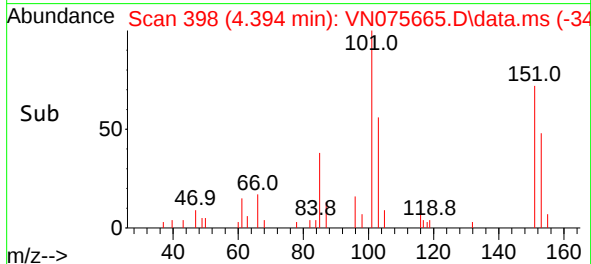
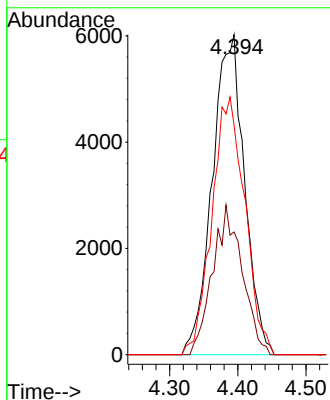
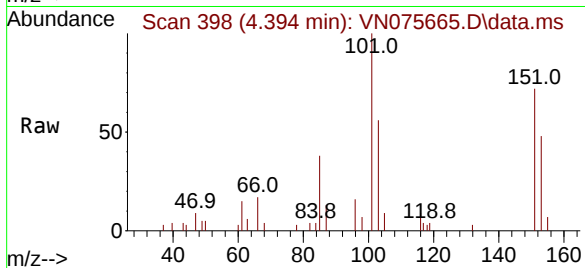
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.652 ug/l
RT: 4.394 min Scan# 398
Delta R.T. 0.018 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 19738
Ion Ratio Lower Upper
101 100
85 43.2 37.6 56.4
151 82.6 58.3 87.5

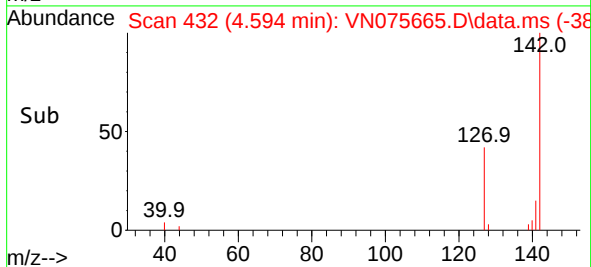
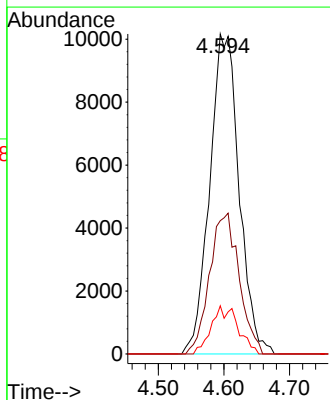
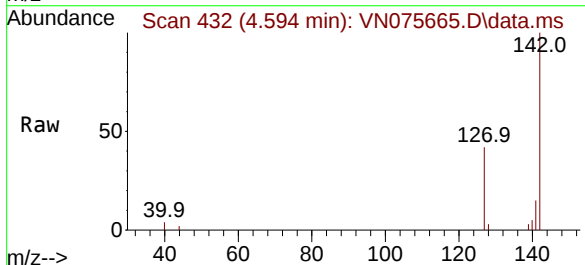
Manual Integrations
APPROVED

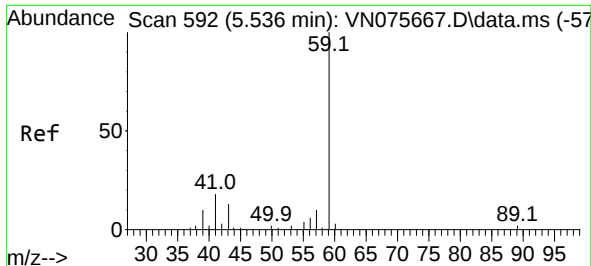
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 9.544 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion:142 Resp: 31624
Ion Ratio Lower Upper
142 100
127 44.2 38.0 57.0
141 7.1 12.2 18.4#





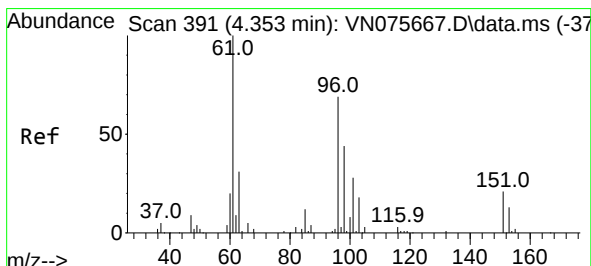
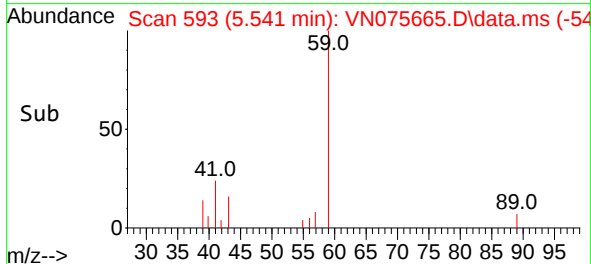
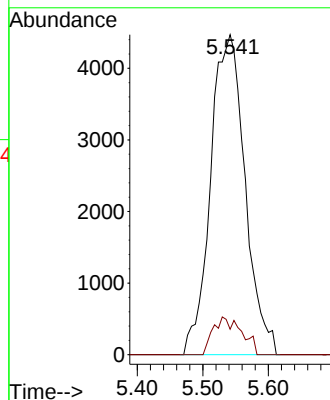
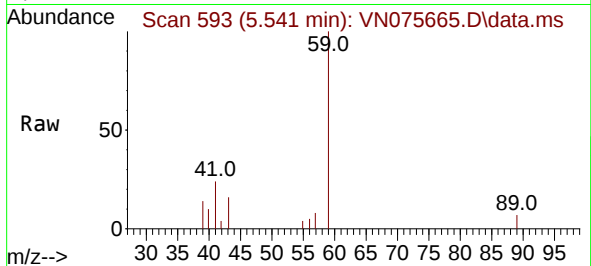
#11
Tert butyl alcohol
Concen: 33.442 ug/l
RT: 5.541 min Scan# 59
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 1629
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

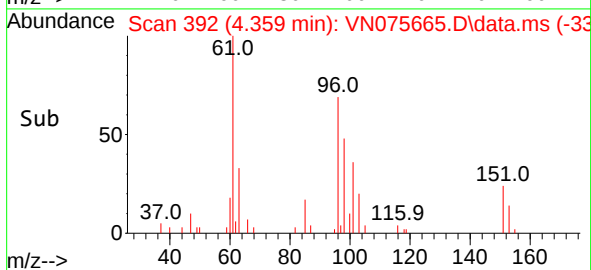
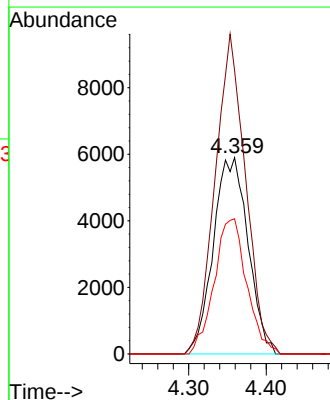
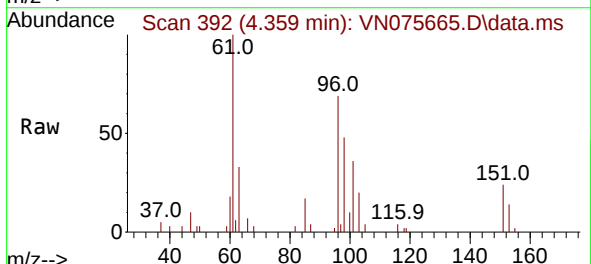
Manual Integrations
APPROVED

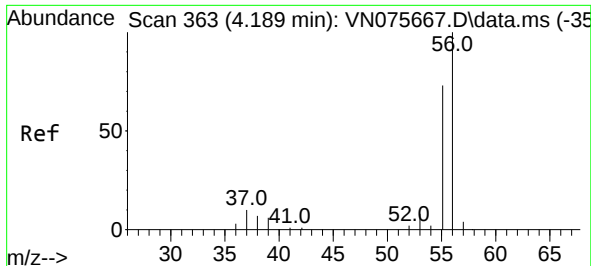
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 9.187 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

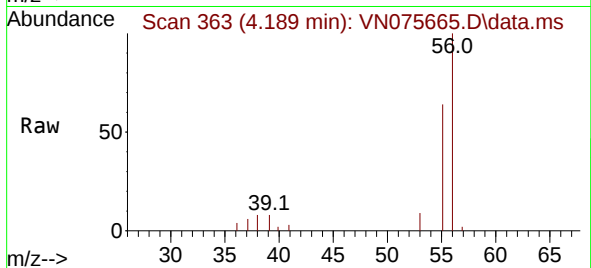
Tgt Ion: 96 Resp: 18397
Ion Ratio Lower Upper
96 100
61 144.3 126.2 189.4
98 68.8 51.5 77.3





#13
Acrolein
Concen: 44.202 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

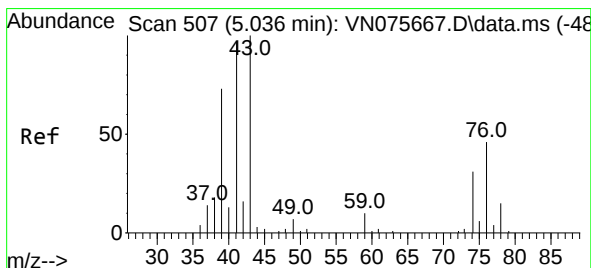
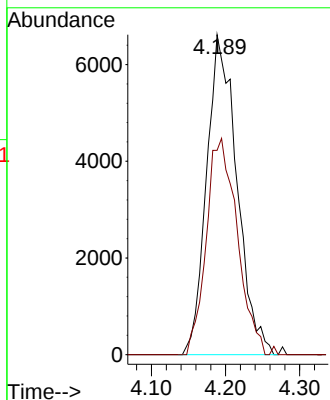
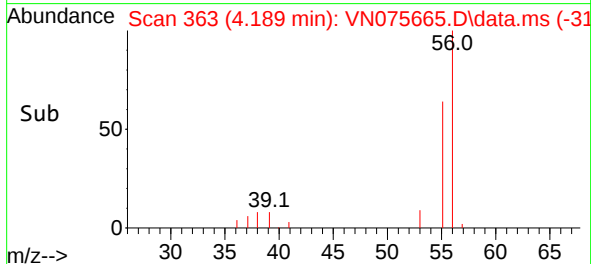
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



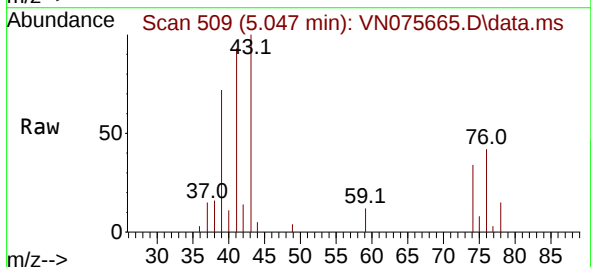
Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

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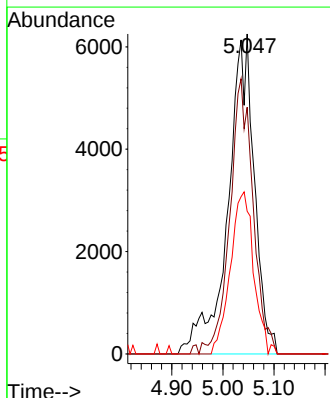
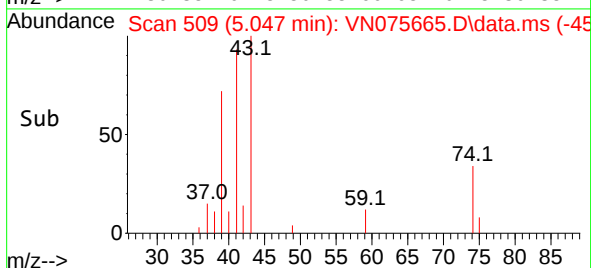
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

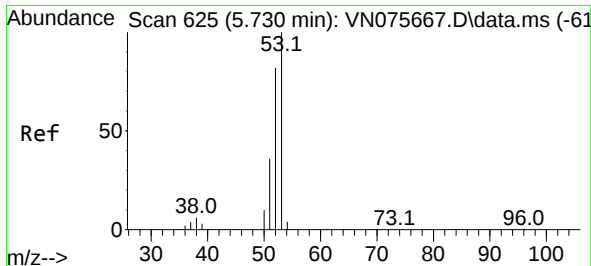


#14
Allyl chloride
Concen: 8.702 ug/l m
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 41 Resp: 22539
Ion Ratio Lower Upper
41 100
39 75.1 61.0 91.4
76 44.7 33.4 50.0





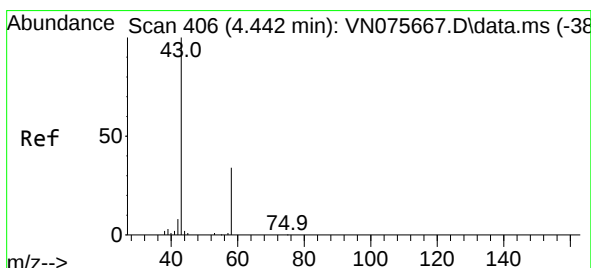
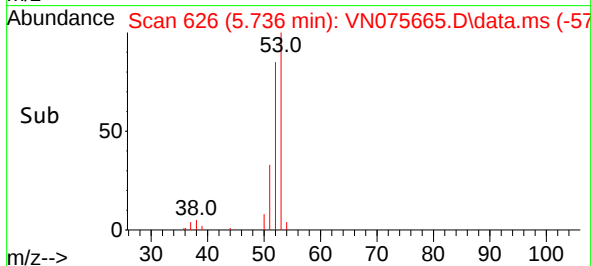
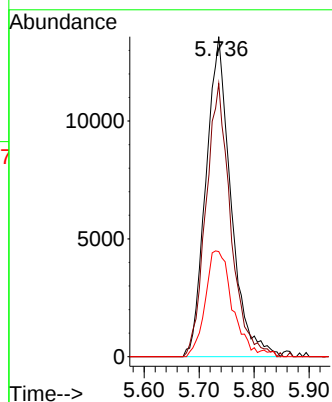
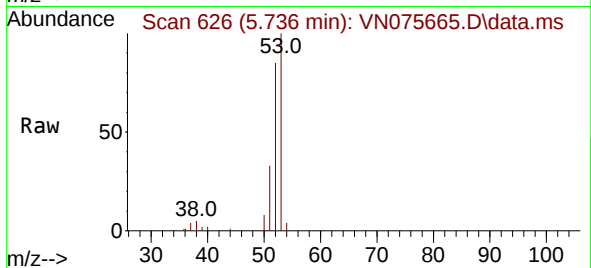
#15
Acrylonitrile
Concen: 38.391 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 42918
Ion Ratio Lower Upper
53 100
52 84.7 66.4 99.6
51 35.8 29.6 44.4

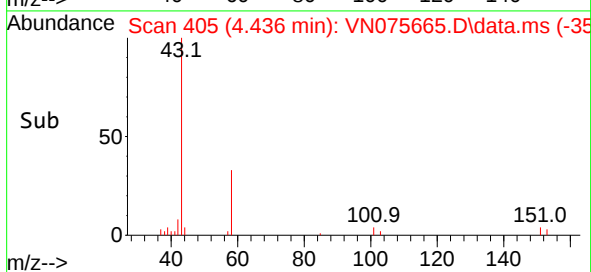
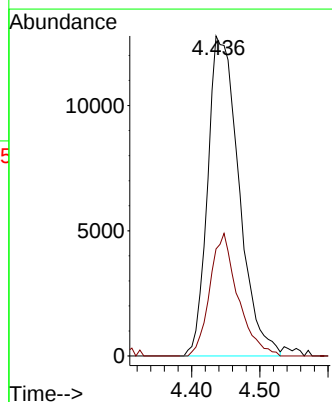
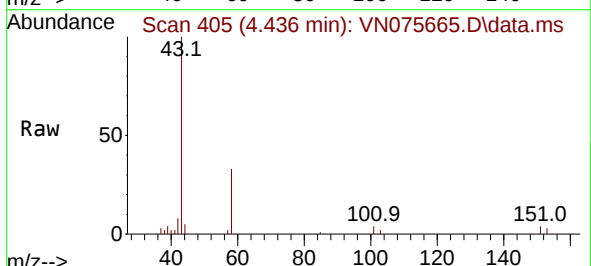
Manual Integrations
APPROVED

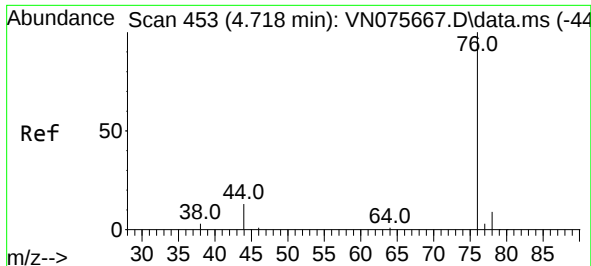
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 37.641 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

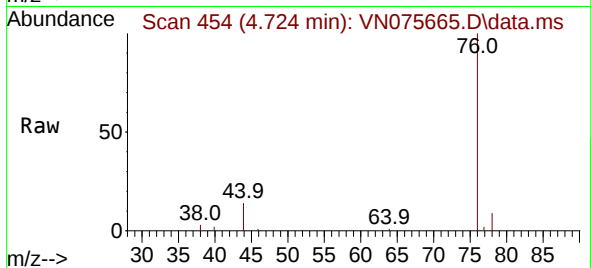
Tgt Ion: 43 Resp: 40753
Ion Ratio Lower Upper
43 100
58 33.5 25.5 38.3





#17
Carbon Disulfide
Concen: 8.842 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

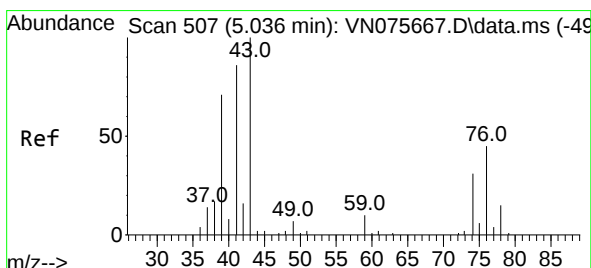
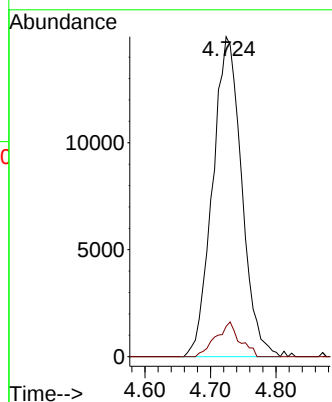
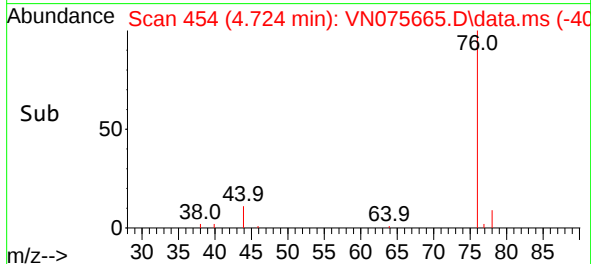
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 46010
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

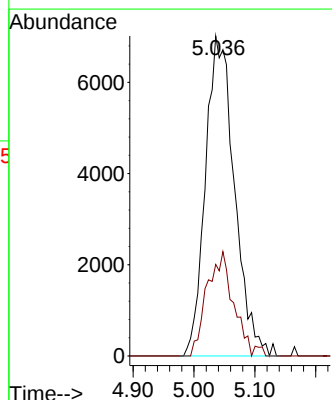
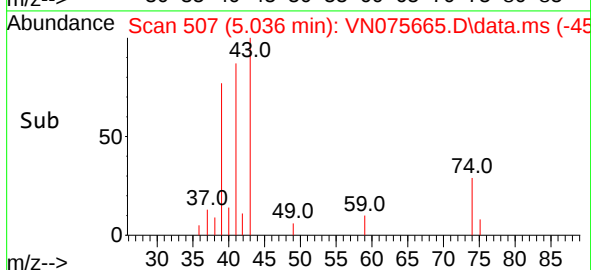
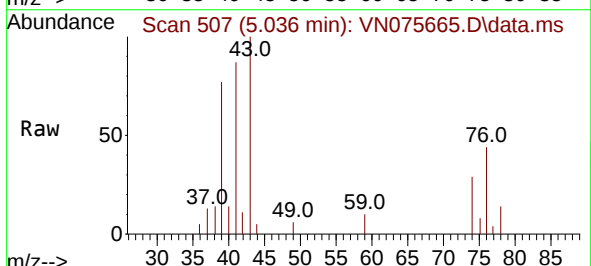
Manual Integrations
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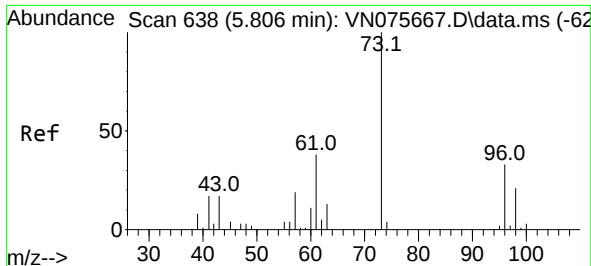
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 7.258 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 43 Resp: 23261
Ion Ratio Lower Upper
43 100
74 29.2 22.0 33.0





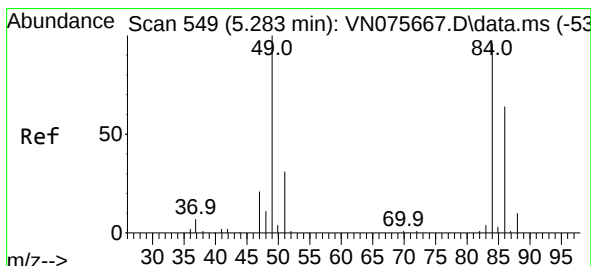
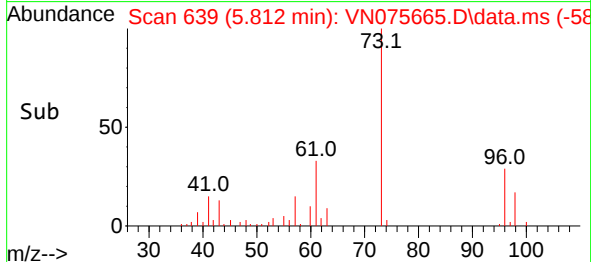
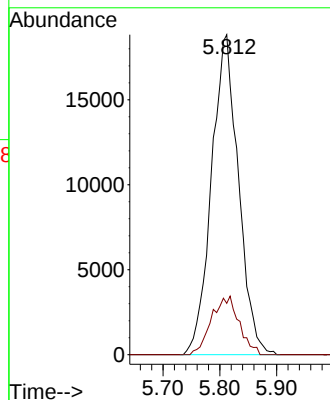
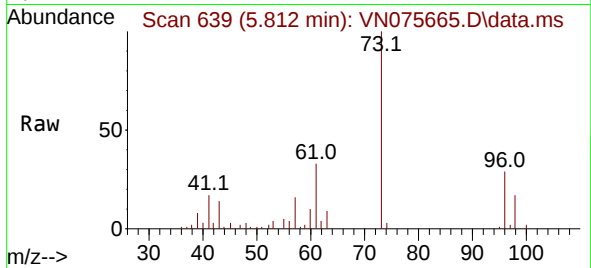
#19
Methyl tert-butyl Ether
Concen: 8.743 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 6201
Ion Ratio Lower Upper
73 100
57 16.1 16.3 24.5

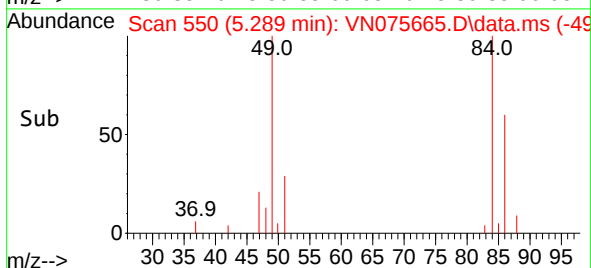
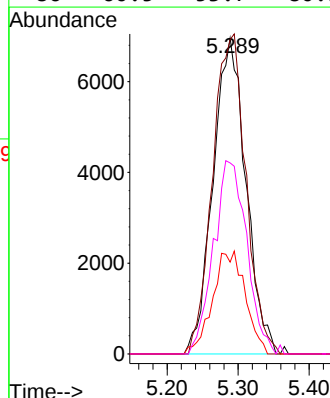
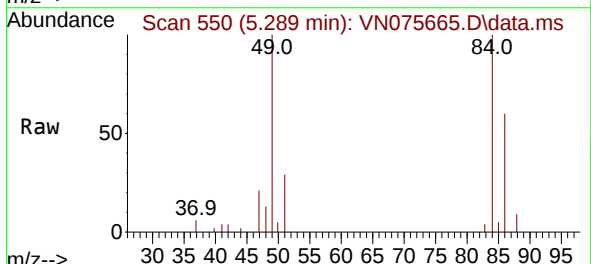
Manual Integrations
APPROVED

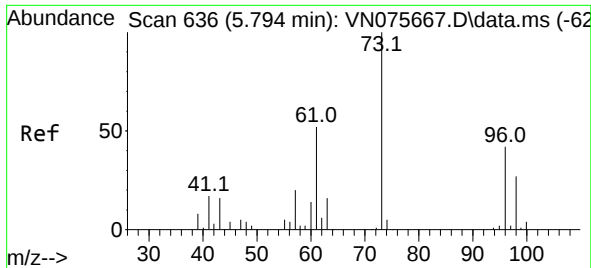
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 8.793 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

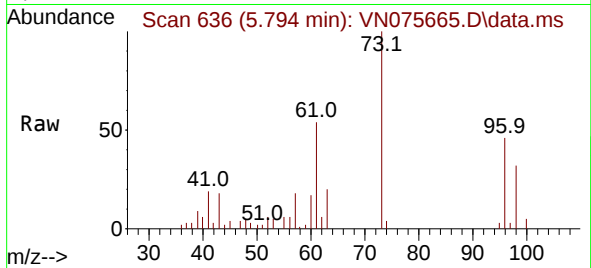
Tgt Ion: 84 Resp: 22305
Ion Ratio Lower Upper
84 100
49 99.5 94.9 142.3
51 29.1 26.8 40.2
86 60.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 8.912 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

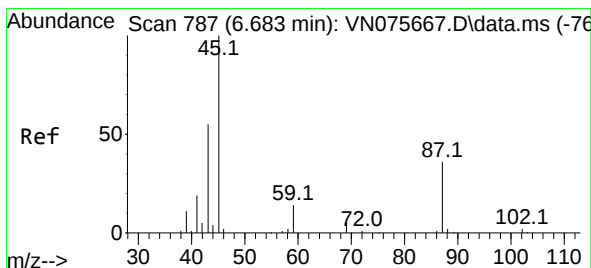
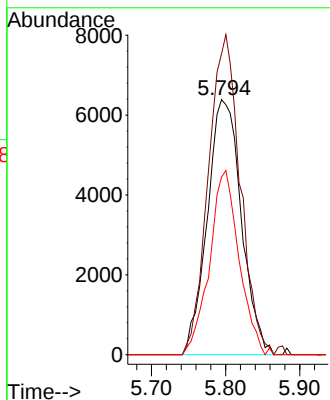
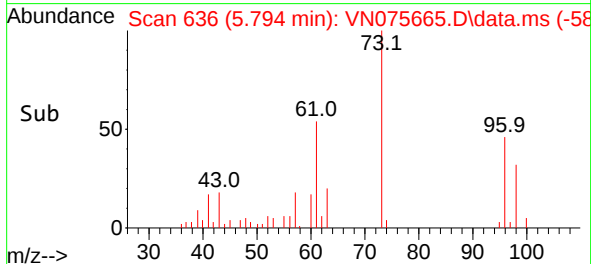
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



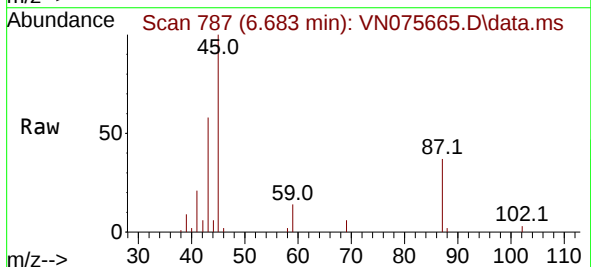
Tgt Ion: 96 Resp: 20339
Ion Ratio Lower Upper
96 100
61 118.0 99.9 149.9
98 69.6 51.5 77.3

Manual Integrations
APPROVED

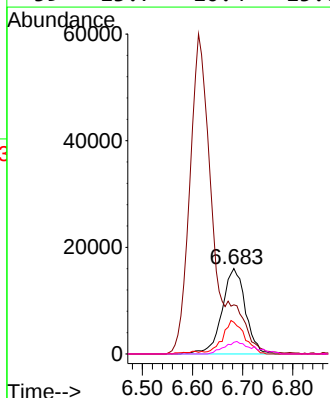
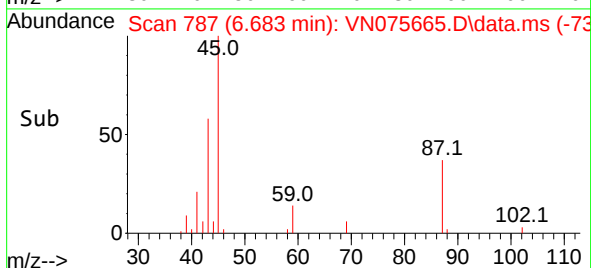
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

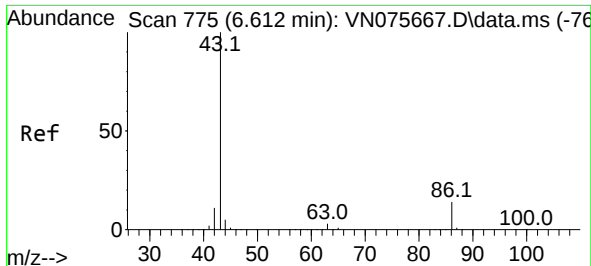


#22
Diisopropyl ether
Concen: 8.741 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 45 Resp: 51669
Ion Ratio Lower Upper
45 100
43 55.8 42.8 64.2
87 37.1 28.4 42.6
59 13.7 10.4 15.6





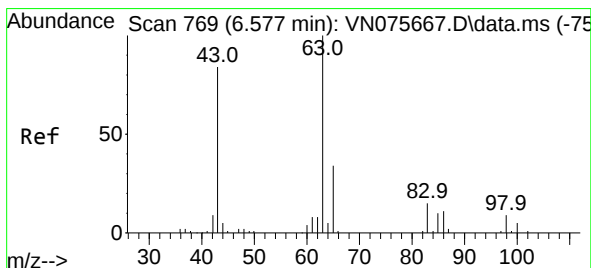
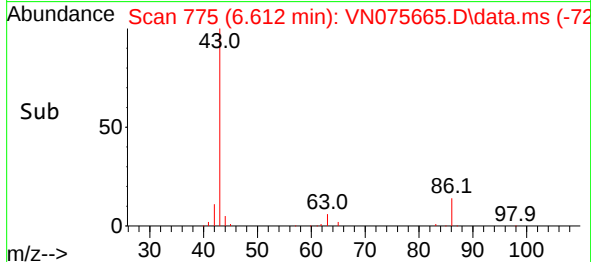
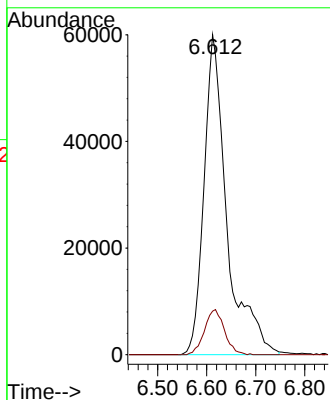
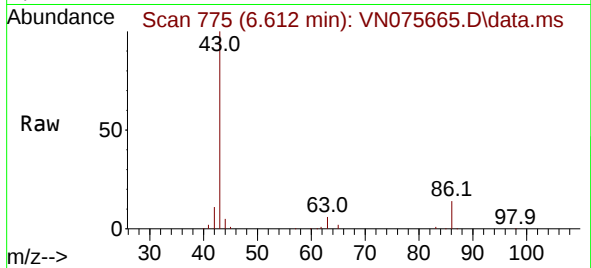
#23
 Vinyl Acetate
 Concen: 41.575 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 19550
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.7 16.1

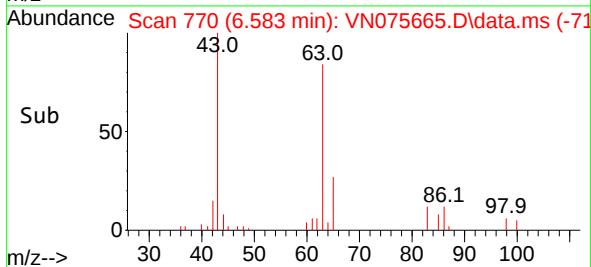
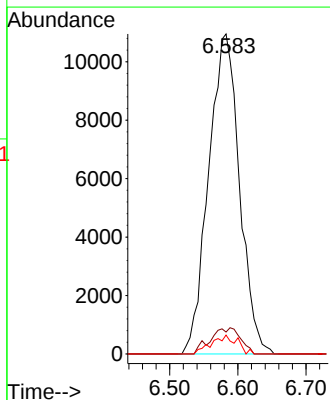
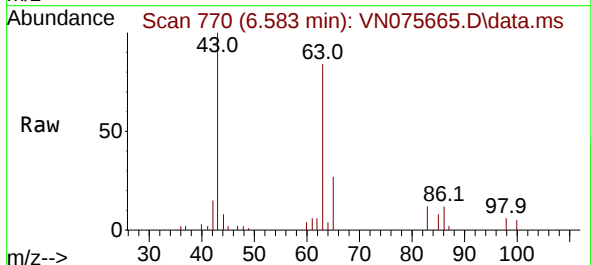
Manual Integrations
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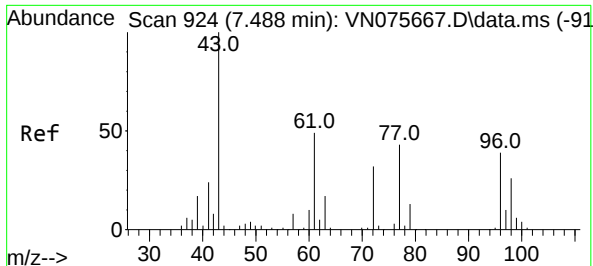
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 9.092 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21

Tgt Ion: 63 Resp: 34497
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 5.9 2.4 7.2





#25

2-Butanone

Concen: 37.211 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 5624

Ion Ratio Lower Upper

43 100

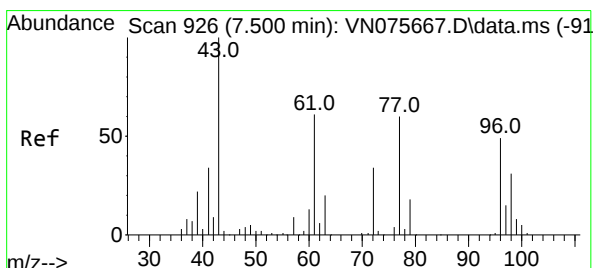
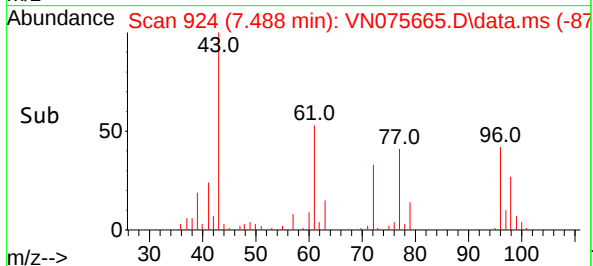
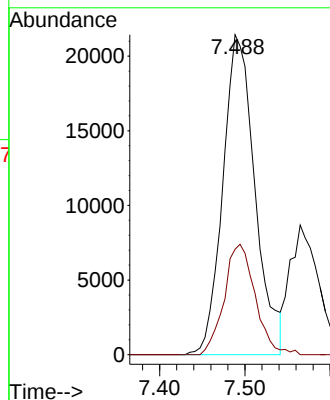
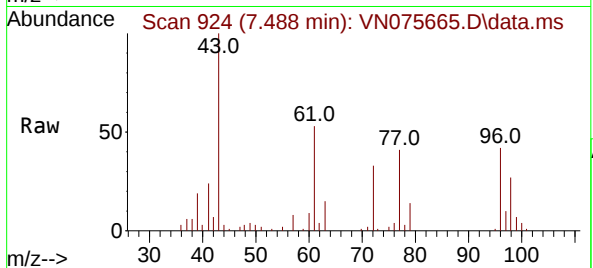
72 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 8.106 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075665.D

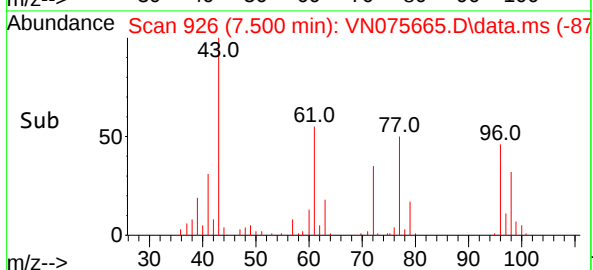
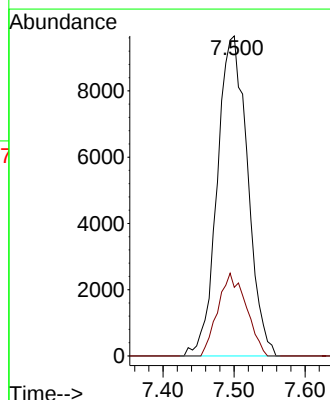
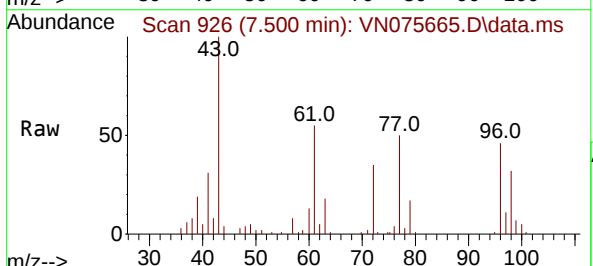
Acq: 09 Dec 2022 13:21

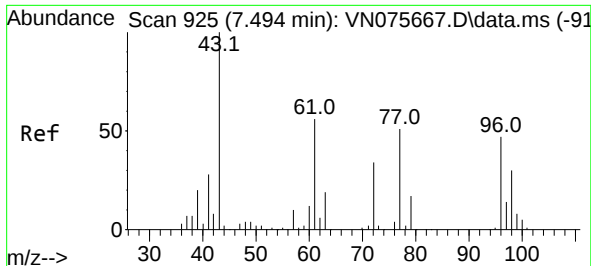
Tgt Ion: 77 Resp: 28584

Ion Ratio Lower Upper

77 100

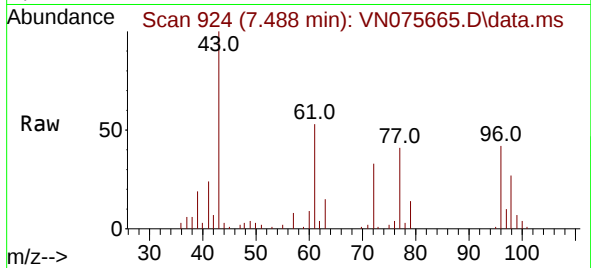
97 24.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 9.561 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21

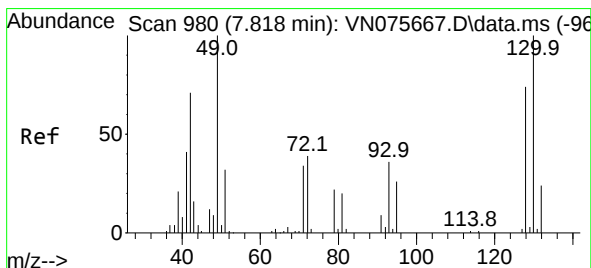
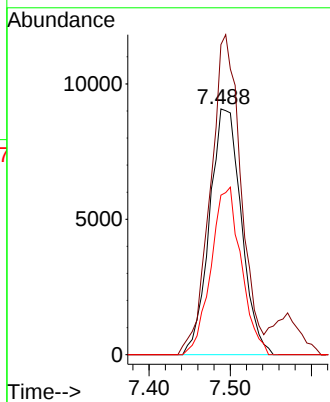
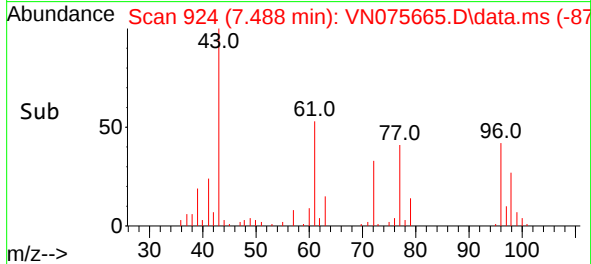
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 2467
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 278.8
 98 64.8 0.0 128.4

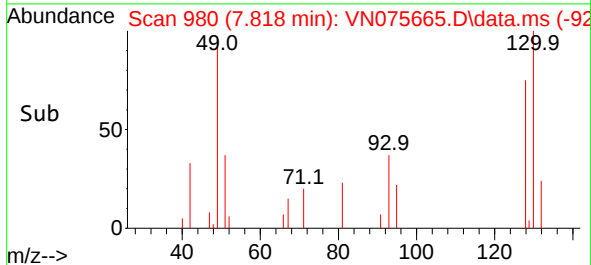
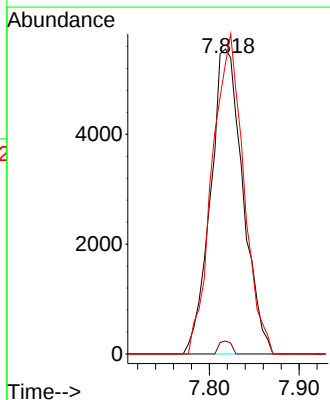
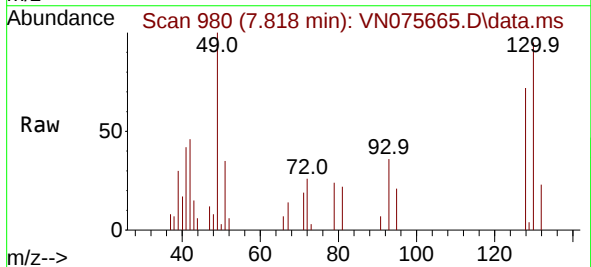
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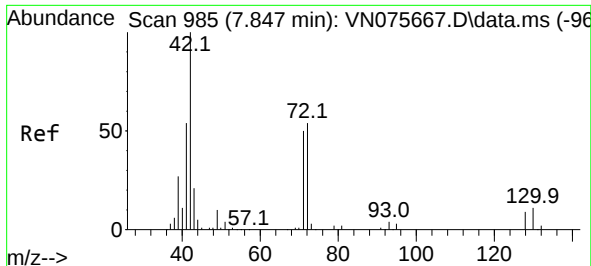
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#28
 Bromochloromethane
 Concen: 9.021 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21

Tgt Ion: 49 Resp: 13893
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 101.8 66.2 99.4#





#29

Tetrahydrofuran

Concen: 37.666 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

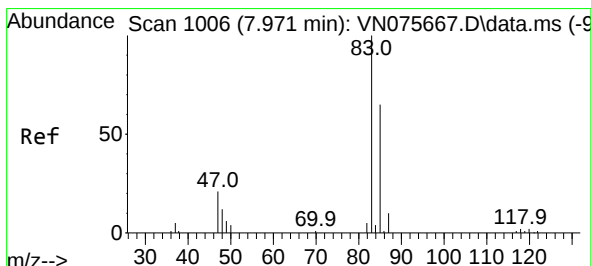
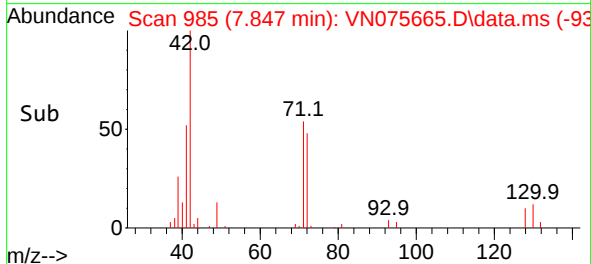
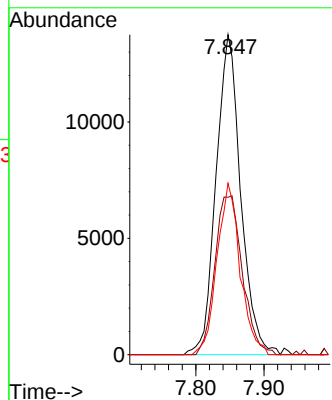
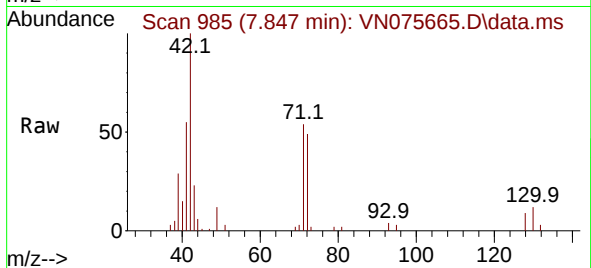
Tgt Ion:	42	Resp:	3463
Ion Ratio	Lower	Upper	
42	100		
72	55.4	43.0	64.6
71	50.3	39.9	59.9

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#30

Chloroform

Concen: 8.729 ug/l

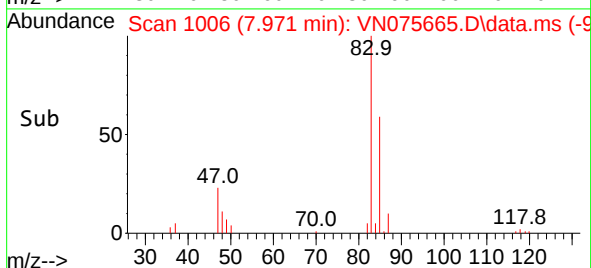
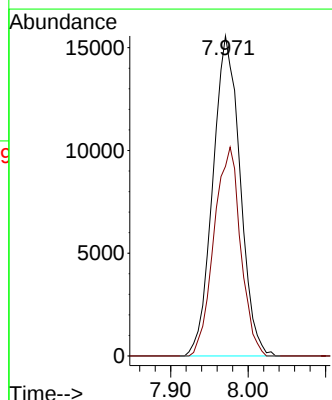
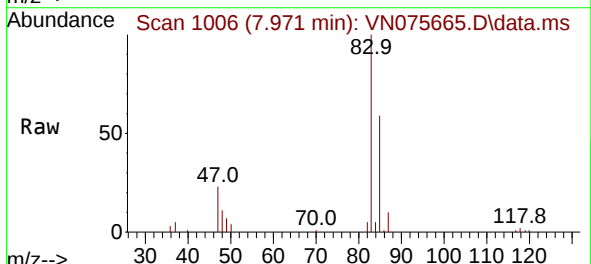
RT: 7.971 min Scan# 1006

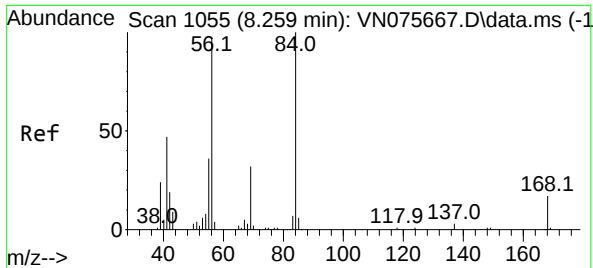
Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

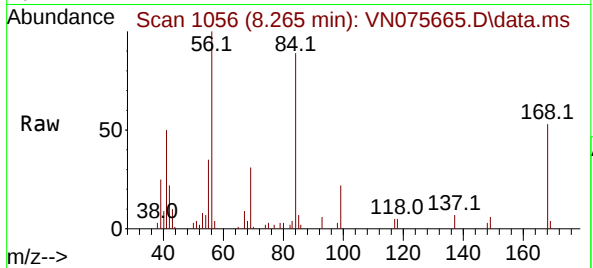
Tgt Ion:	83	Resp:	38033
Ion Ratio	Lower	Upper	
83	100		
85	59.2	51.4	77.0





#31
Cyclohexane
Concen: 9.367 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

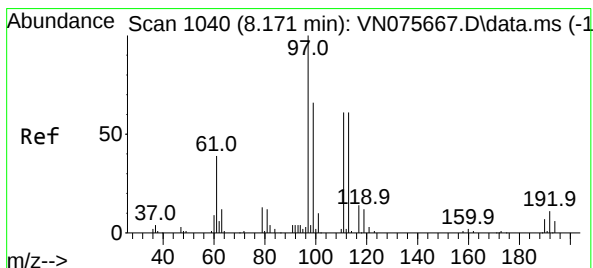
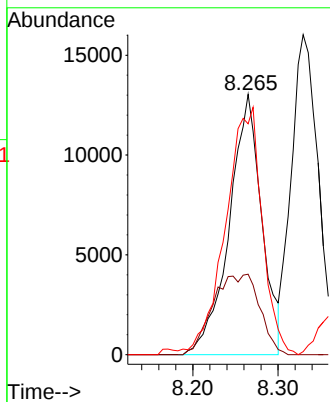
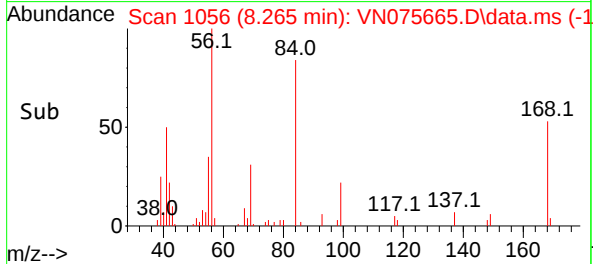
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



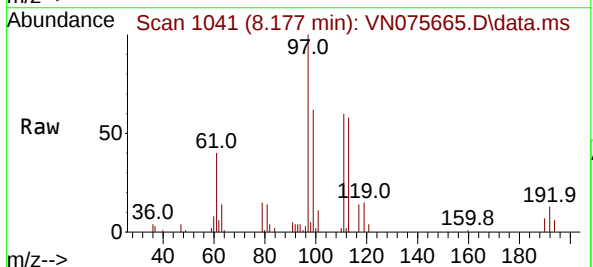
Tgt Ion: 56 Resp: 3454
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 87.2 77.8 116.8

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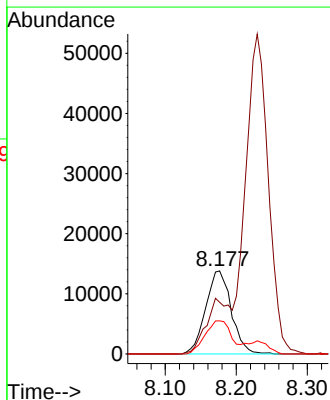
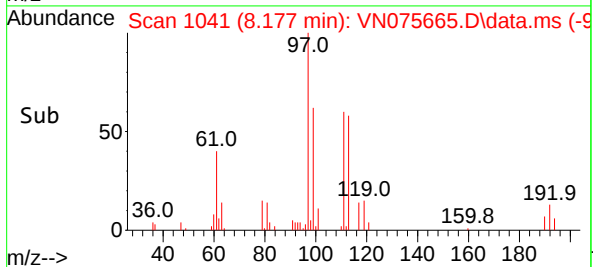
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

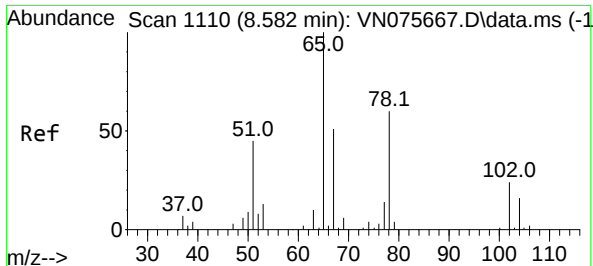


#32
1,1,1-Trichloroethane
Concen: 8.758 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 97 Resp: 34645
Ion Ratio Lower Upper
97 100
99 62.6 50.2 75.2
61 40.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 19.602 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2275

Ion Ratio Lower Upper

65 100

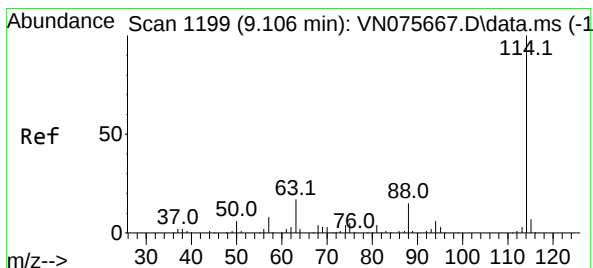
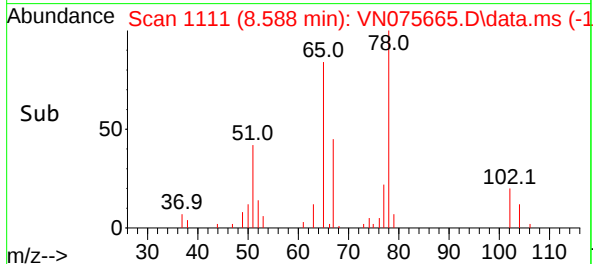
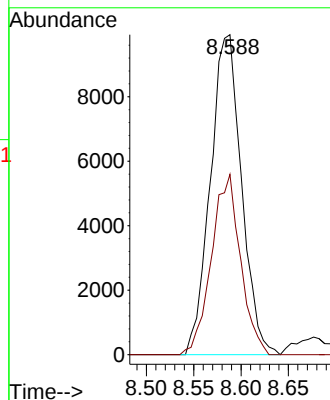
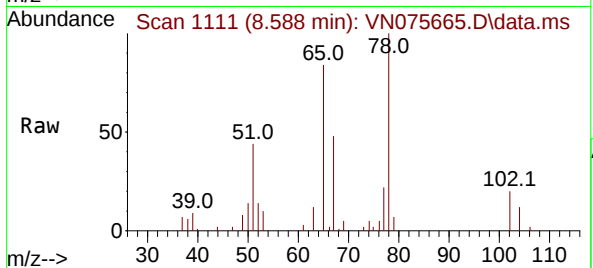
67 52.4 0.0 102.0

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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: VN075665.D

Acq: 09 Dec 2022 13:21

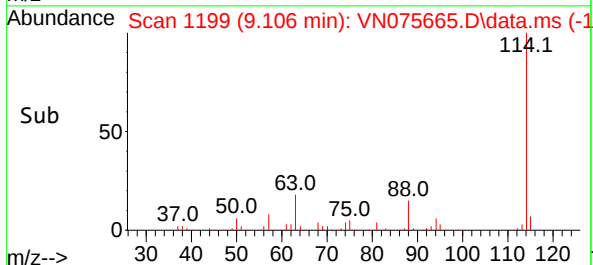
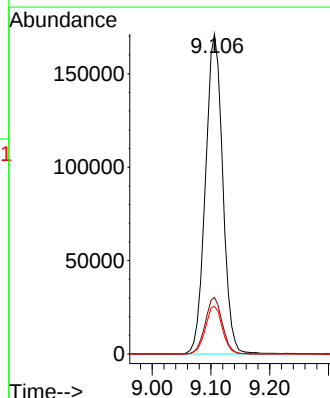
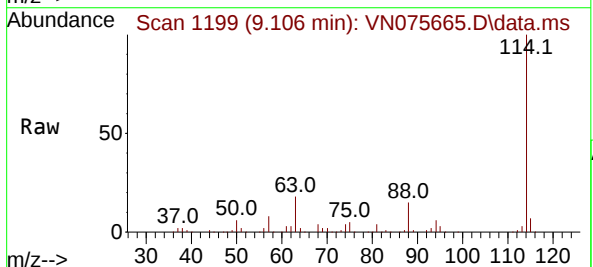
Tgt Ion:114 Resp: 348896

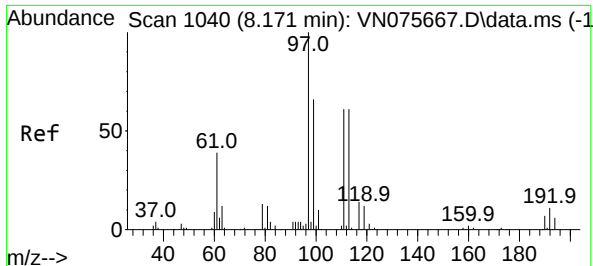
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 15.277 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

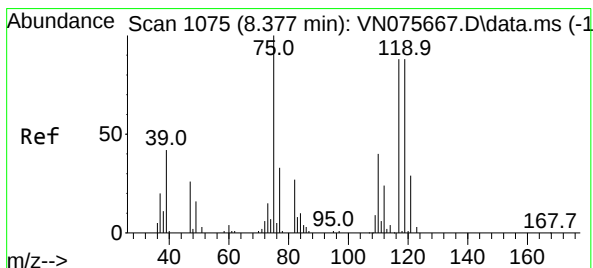
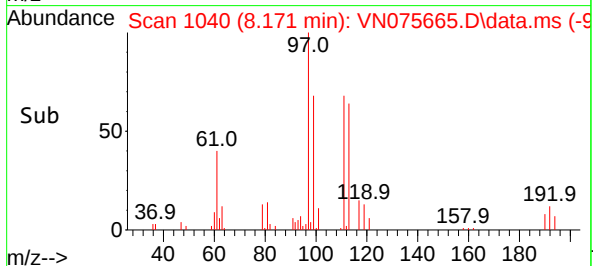
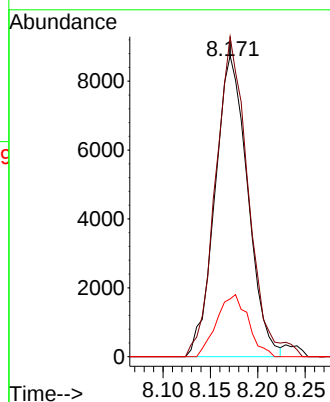
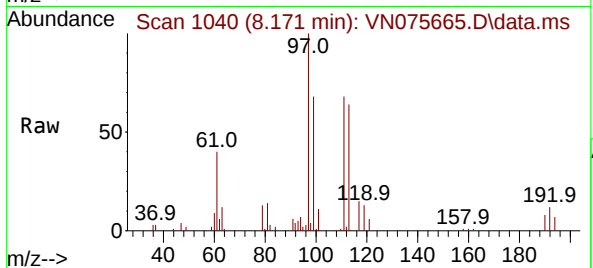
Tgt Ion:	113	Resp:	20938
Ion Ratio	Lower	Upper	
113	100		
111	105.9	80.5	120.7
192	19.9	13.2	19.8

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 9.225 ug/l

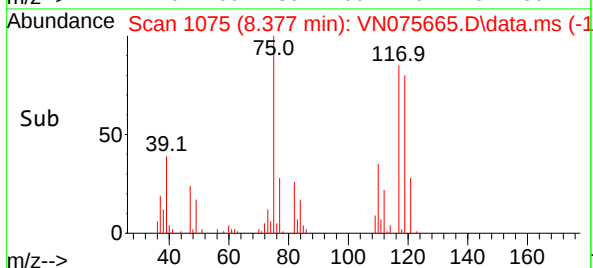
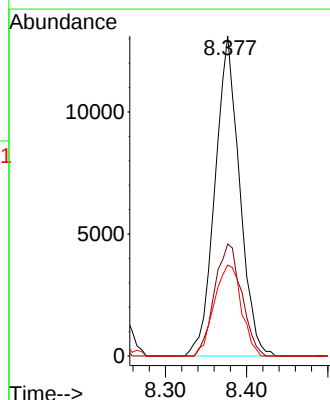
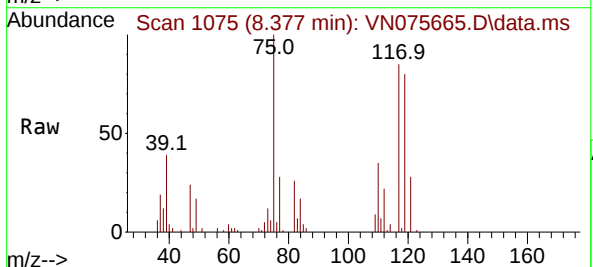
RT: 8.377 min Scan# 1075

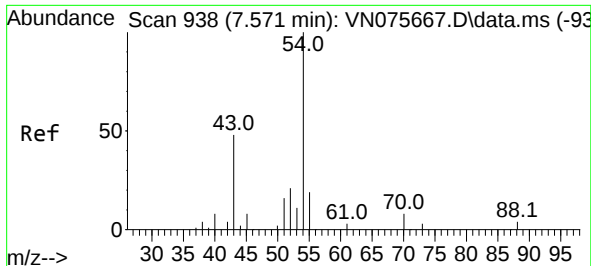
Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

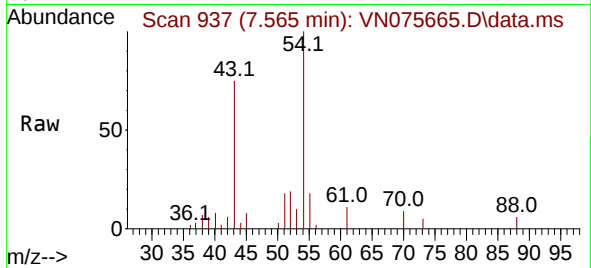
Tgt Ion:	75	Resp:	27573
Ion Ratio	Lower	Upper	
75	100		
110	38.4	17.8	53.3
77	31.4	24.6	37.0





#37
Ethyl Acetate
Concen: 7.962 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

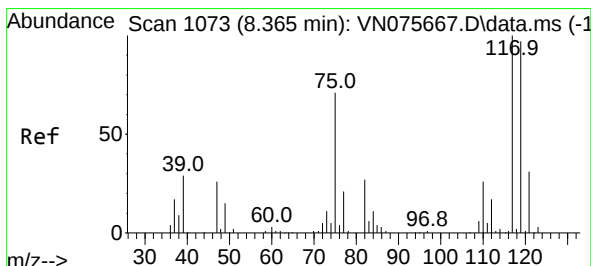
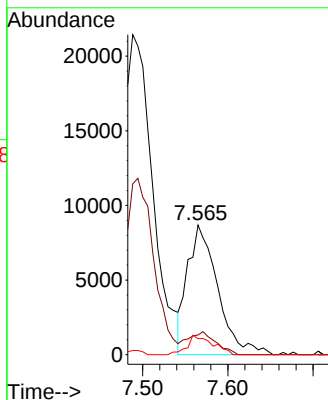
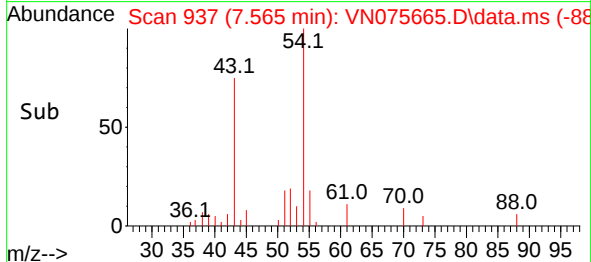
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



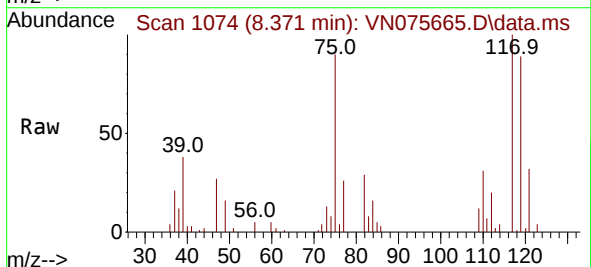
Tgt Ion: 43 Resp: 21428
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.4
70 12.4 9.4 14.2

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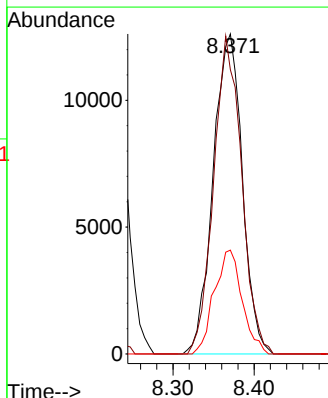
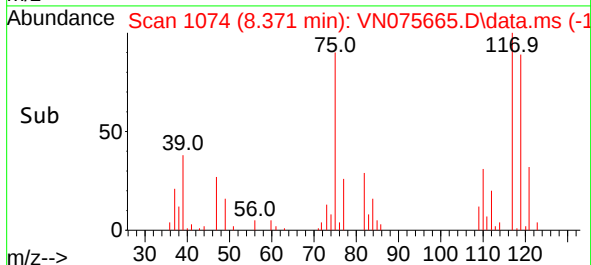
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

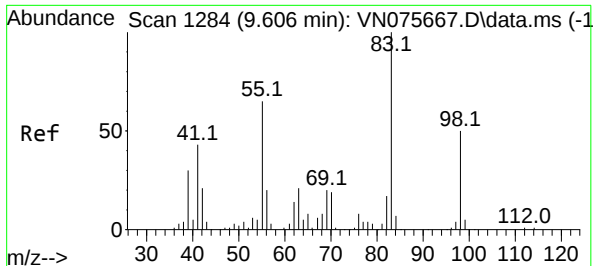


#38
Carbon Tetrachloride
Concen: 9.575 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:117 Resp: 31437
Ion Ratio Lower Upper
117 100
119 88.9 76.7 115.1
121 32.5 23.9 35.9





#39

Methylcyclohexane

Concen: 9.181 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 3434

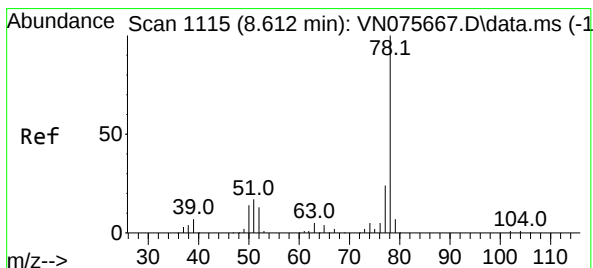
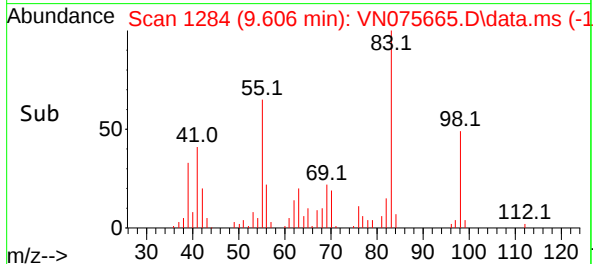
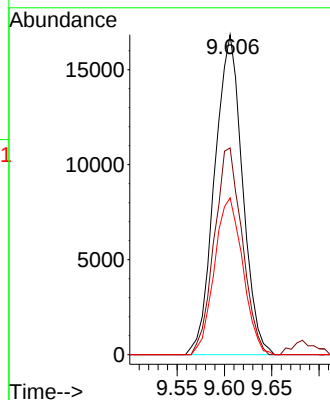
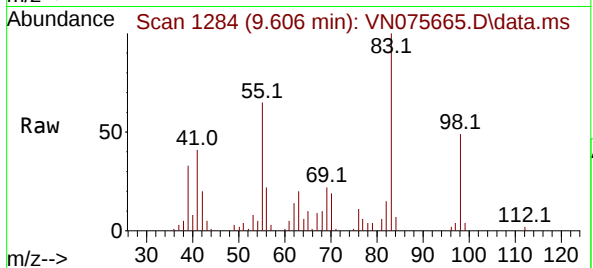
Ion	Ratio	Lower	Upper
83	100		
55	64.6	53.6	80.4
98	49.0	41.1	61.7

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 9.378 ug/l

RT: 8.606 min Scan# 1114

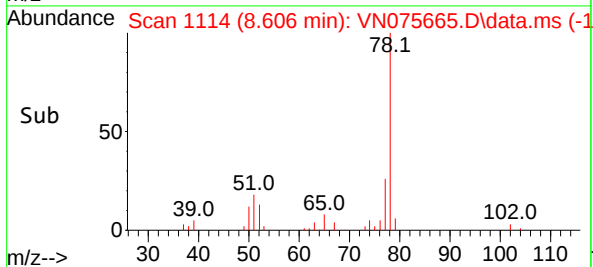
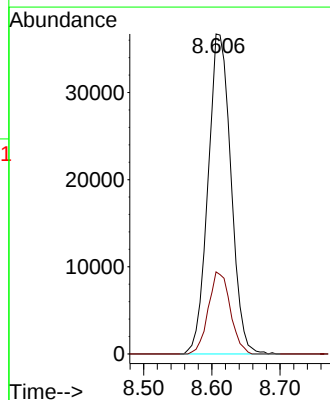
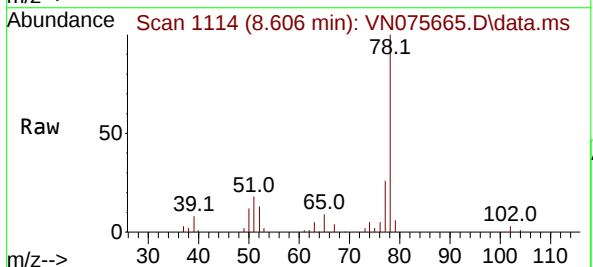
Delta R.T. -0.000 min

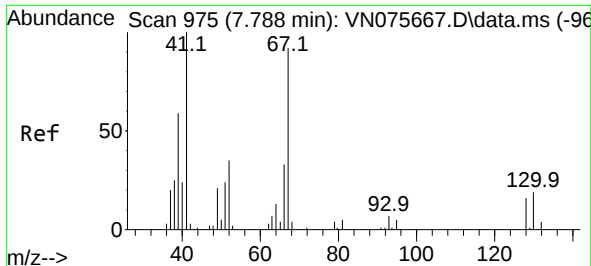
Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Tgt Ion: 78 Resp: 85817

Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.4	29.0





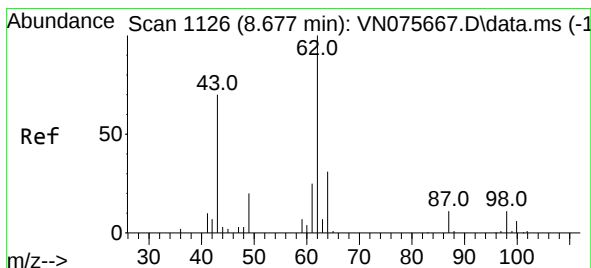
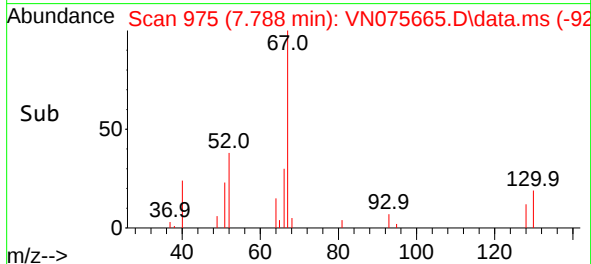
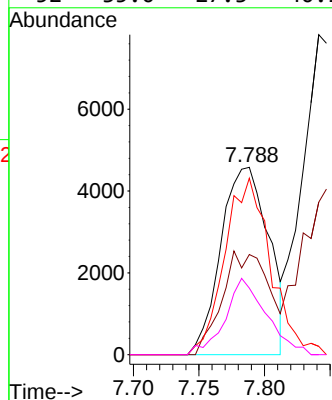
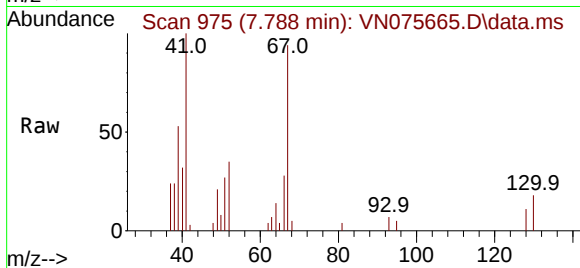
#41
Methacrylonitrile
Concen: 8.425 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41	Resp: 1159
Ion Ratio	Lower Upper
41	100
39	53.8 44.4 66.6
67	90.7 69.8 104.6
52	35.0 27.3 40.9

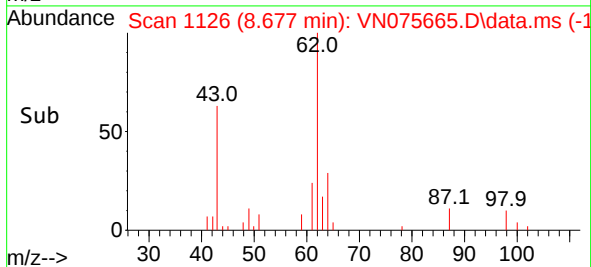
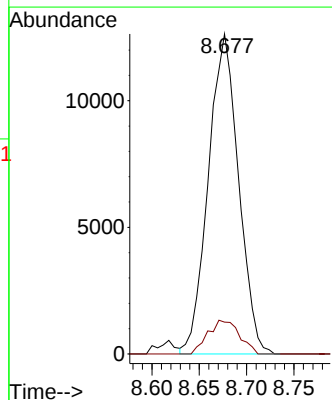
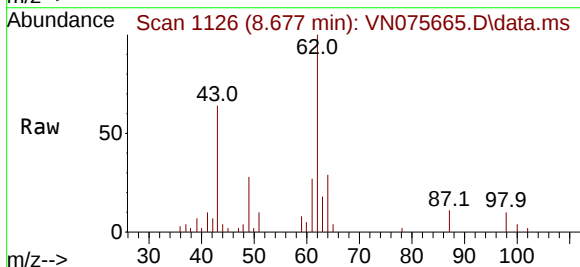
Manual Integrations
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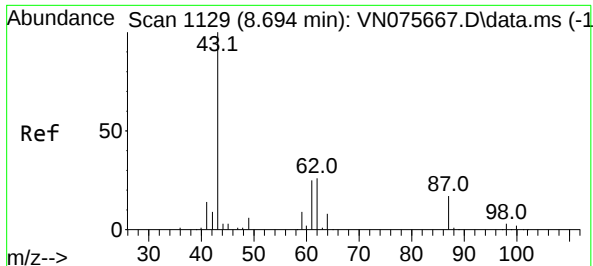
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 9.147 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

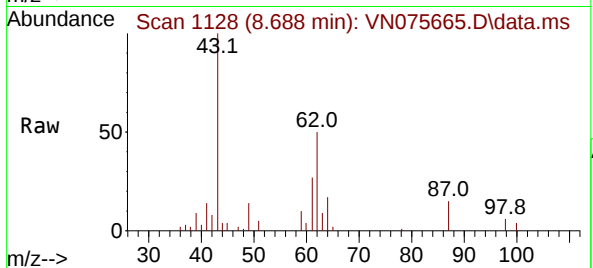
Tgt Ion: 62	Resp: 28035
Ion Ratio	Lower Upper
62	100
98	10.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 8.467 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

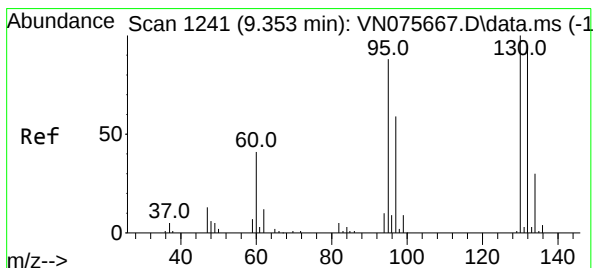
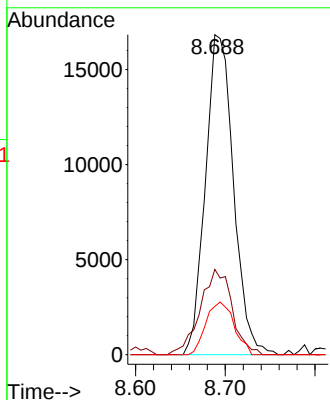
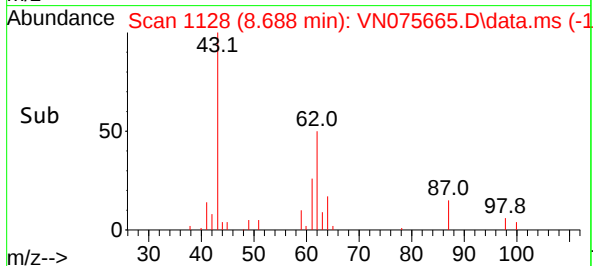
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



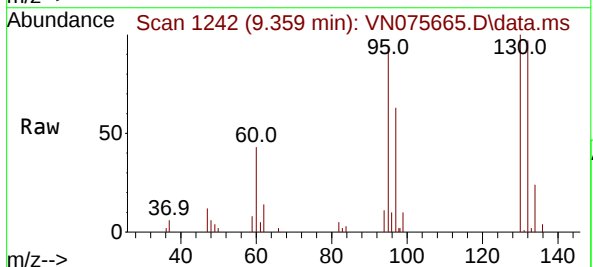
Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
61 30.2 22.4 33.6
87 16.4 12.5 18.7

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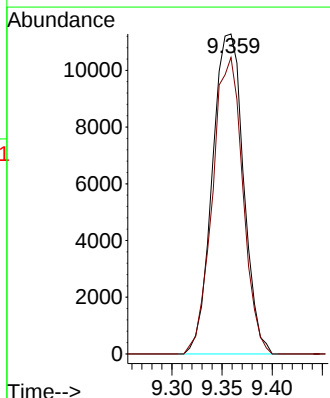
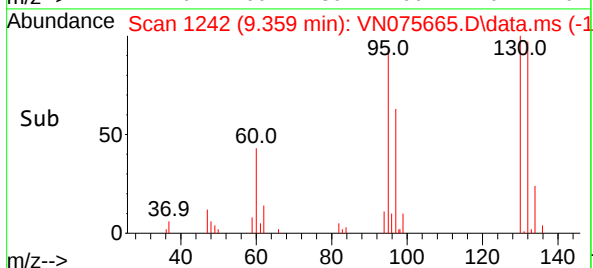
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

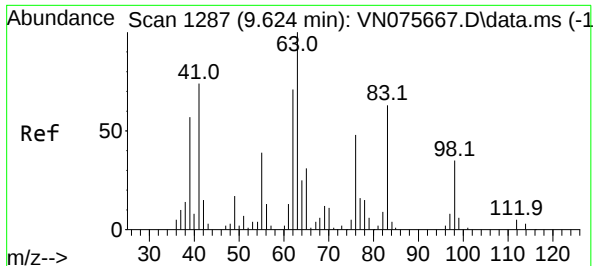


#44
Trichloroethene
Concen: 9.728 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:130 Resp: 24359
Ion Ratio Lower Upper
130 100
95 92.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 9.172 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2000

Ion Ratio Lower Upper

63 100

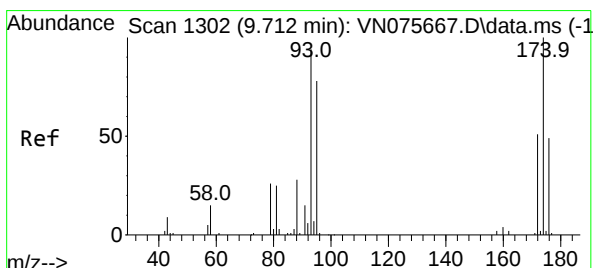
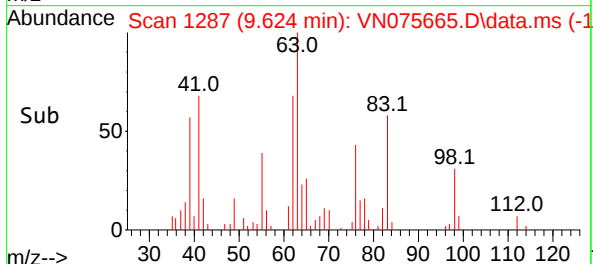
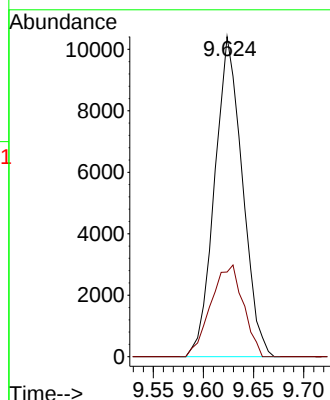
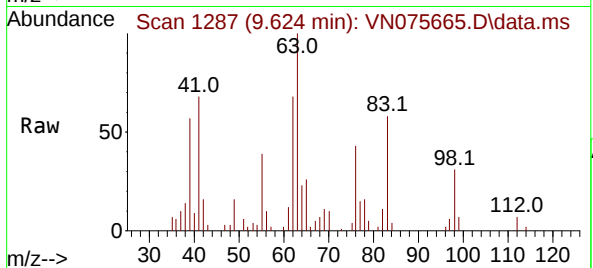
65 26.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 9.277 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

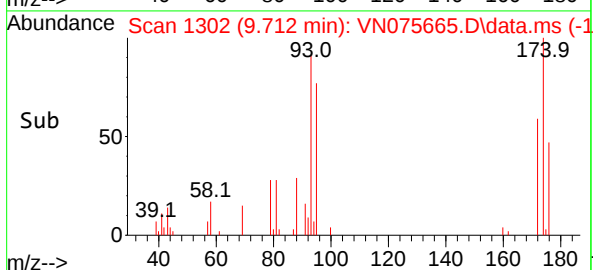
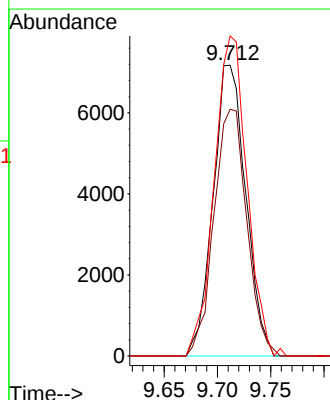
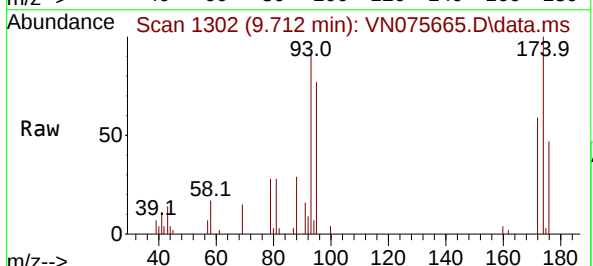
Tgt Ion: 93 Resp: 15303

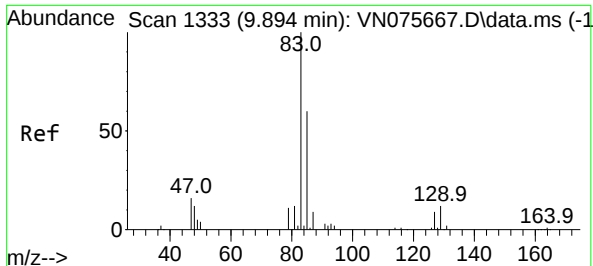
Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

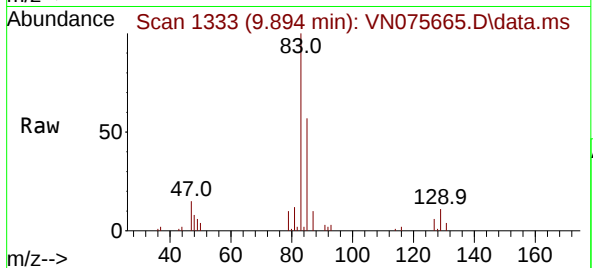
174 110.0 70.3 105.5





#47
Bromodichloromethane
Concen: 9.203 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

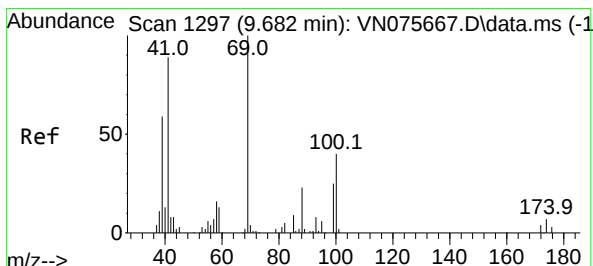
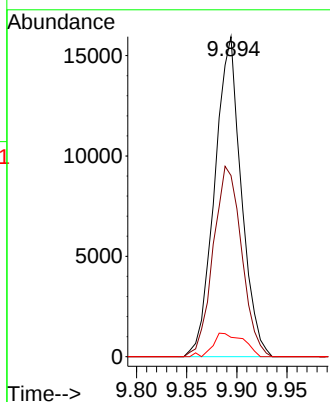
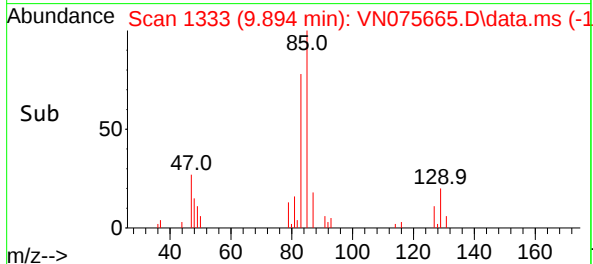
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 29397
Ion Ratio Lower Upper
83 100
85 56.6 52.1 78.1
127 6.1 6.6 10.0

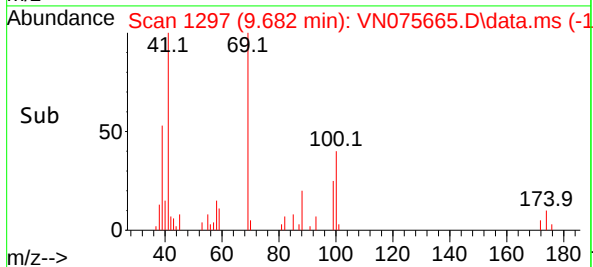
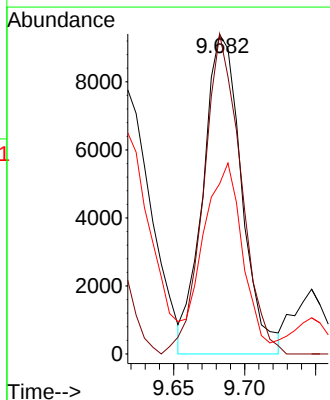
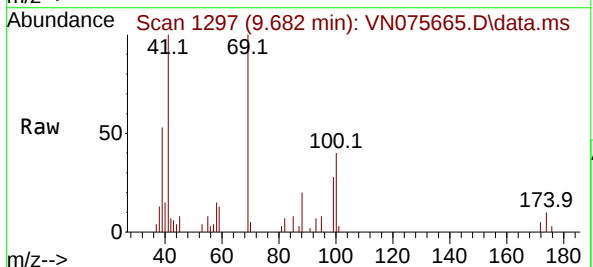
Manual Integrations
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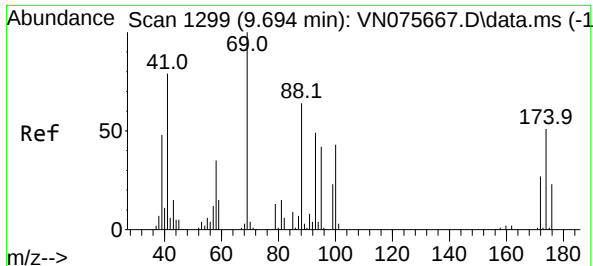
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 8.873 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 41 Resp: 17723
Ion Ratio Lower Upper
41 100
69 97.0 80.2 120.2
39 61.9 56.2 84.2





#49

1,4-Dioxane

Concen: 146.739 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 832

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

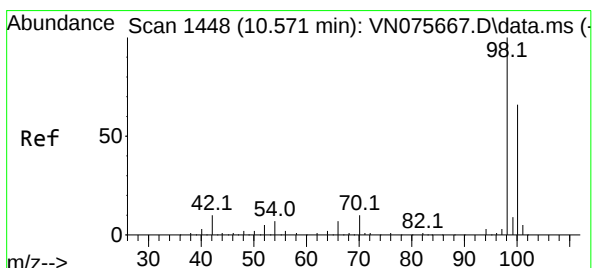
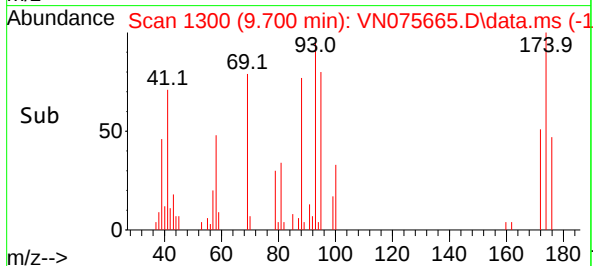
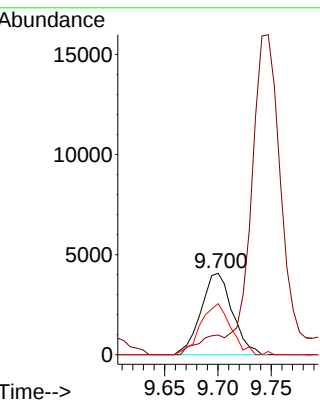
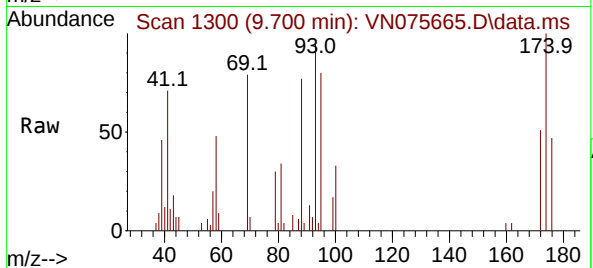
58 60.2 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 25.161 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075665.D

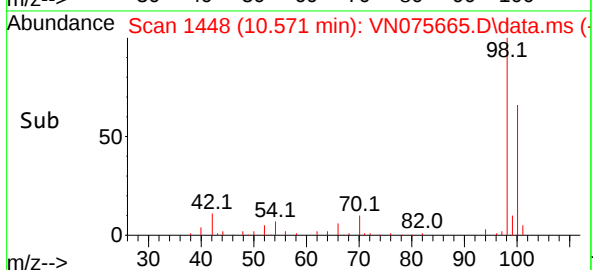
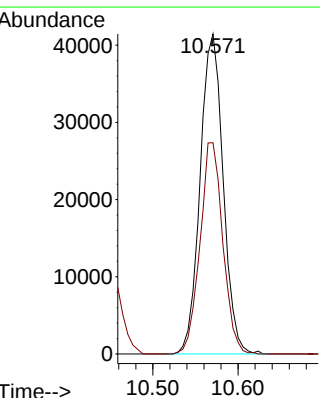
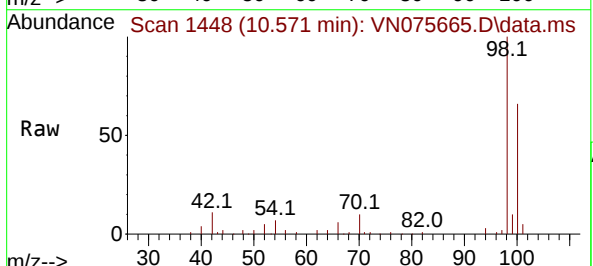
Acq: 09 Dec 2022 13:21

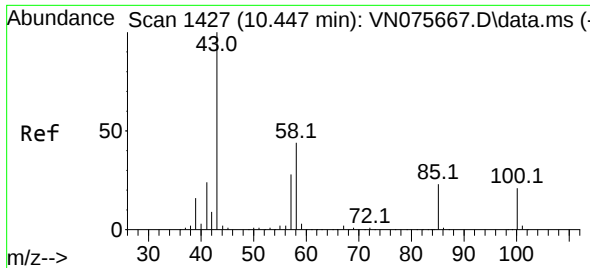
Tgt Ion: 98 Resp: 77669

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





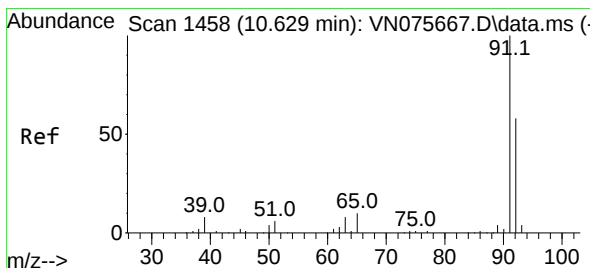
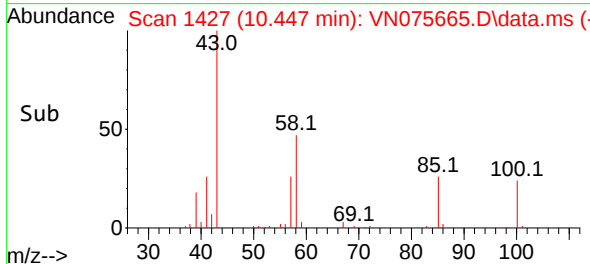
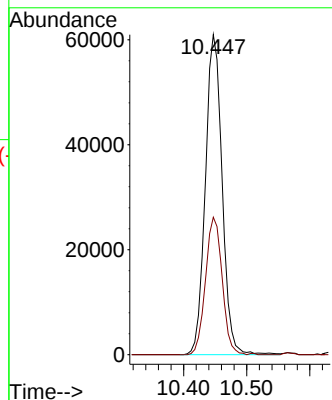
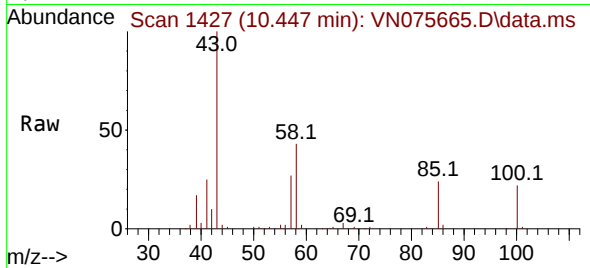
#51
4-Methyl-2-Pentanone
Concen: 40.986 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 112769
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

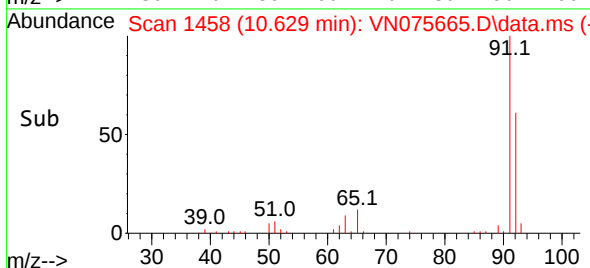
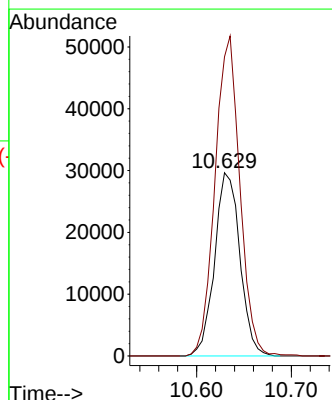
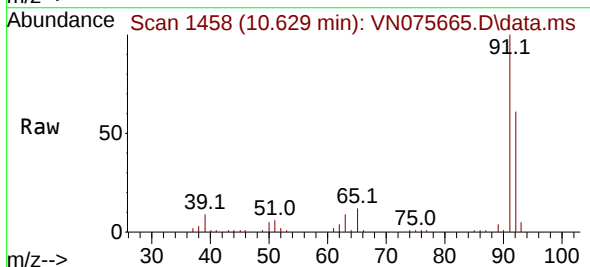
Manual Integrations
APPROVED

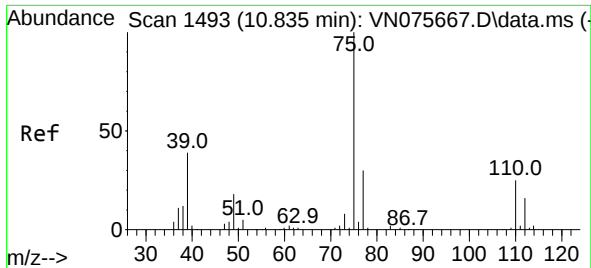
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 9.331 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion: 92 Resp: 55023
Ion Ratio Lower Upper
92 100
91 171.7 135.4 203.2





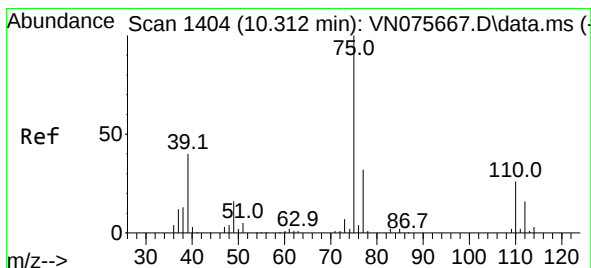
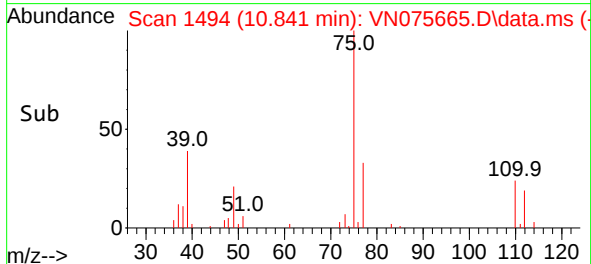
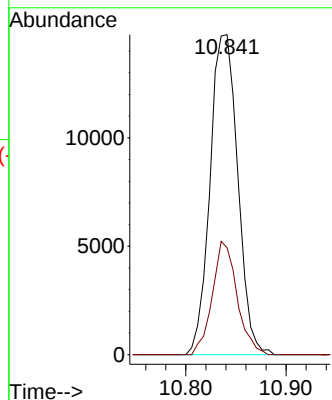
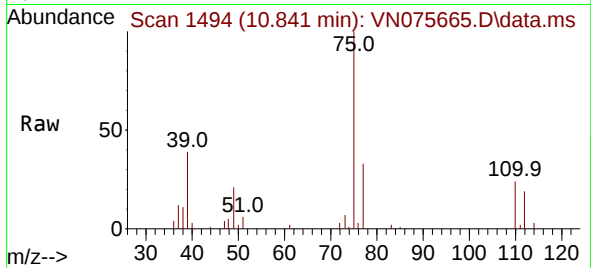
#53
t-1,3-Dichloropropene
Concen: 8.837 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 28338
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.2

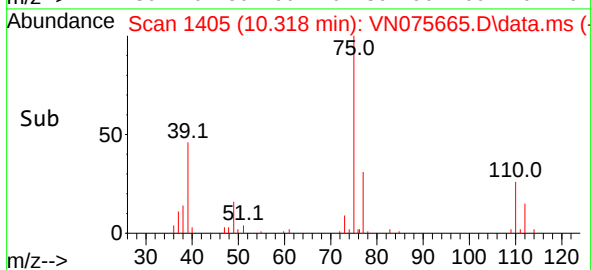
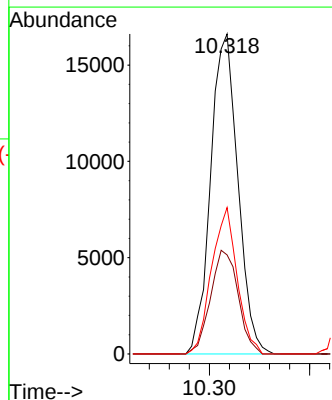
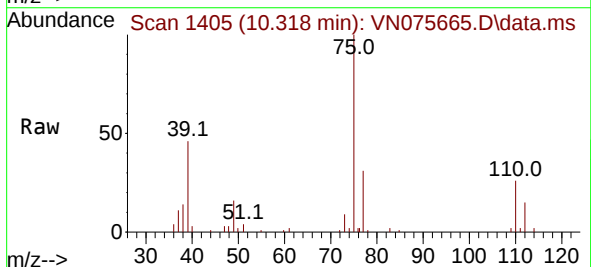
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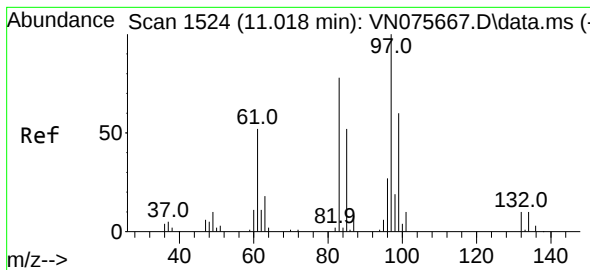
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#54
cis-1,3-Dichloropropene
Concen: 9.009 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

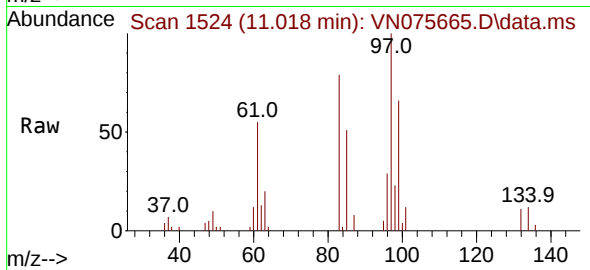
Tgt Ion: 75 Resp: 31379
Ion Ratio Lower Upper
75 100
77 30.9 23.7 35.5
39 45.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 9.356 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

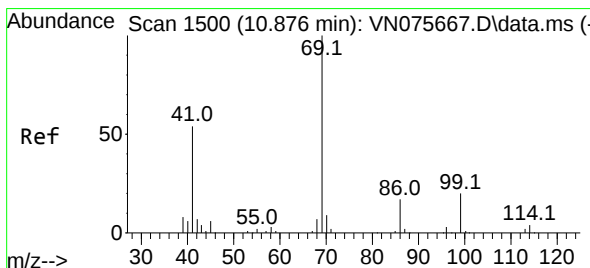
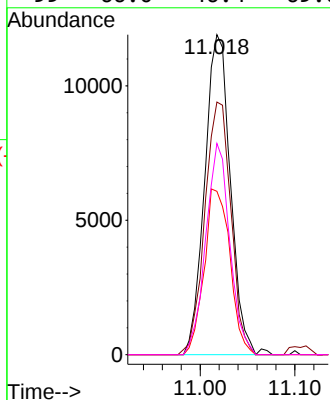
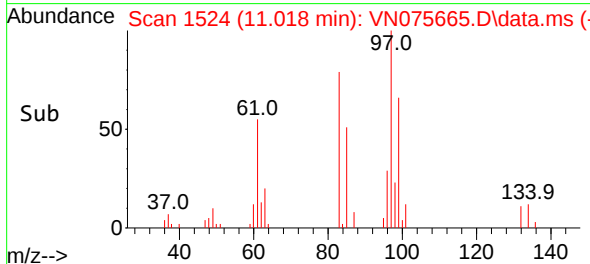
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.0	65.9	98.9
85	51.0	40.4	60.6
99	66.0	46.4	69.6

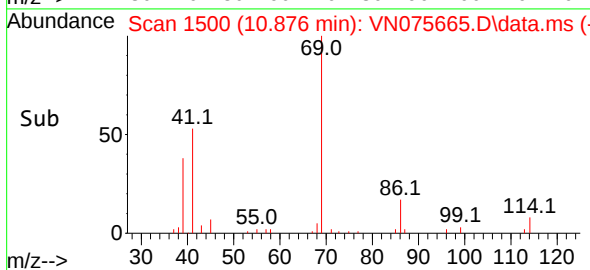
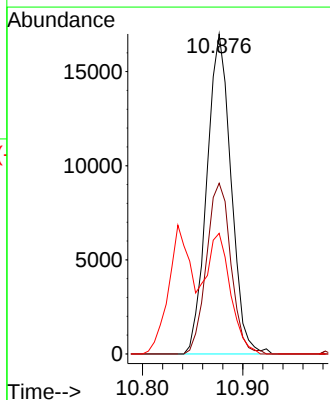
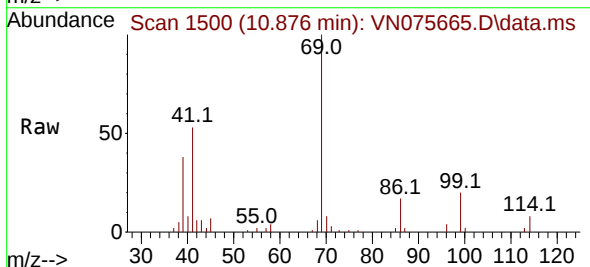
Manual Integrations
APPROVED

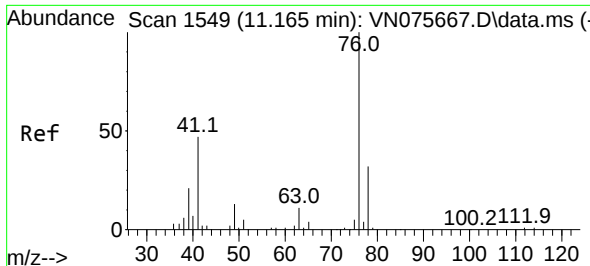
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#56
Ethyl methacrylate
Concen: 8.784 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.1	45.6	68.4
39	34.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 9.020 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3532

Ion Ratio Lower Upper

76 100

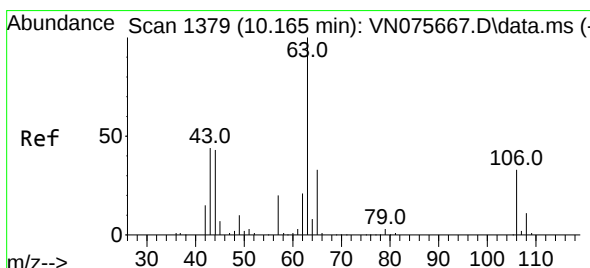
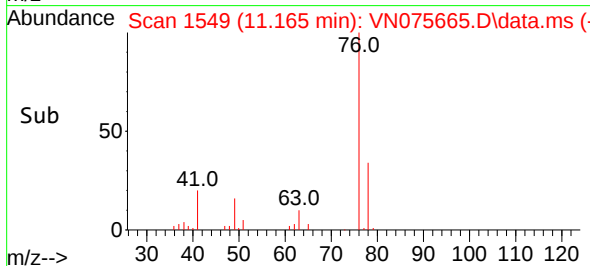
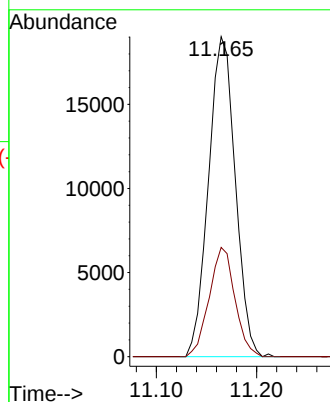
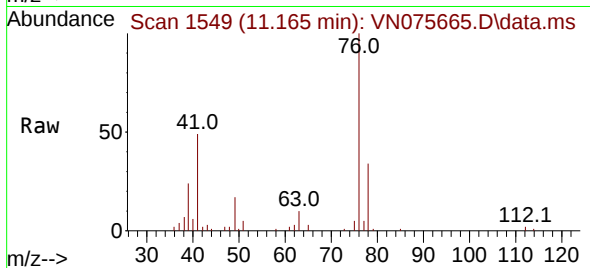
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 36.518 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075665.D

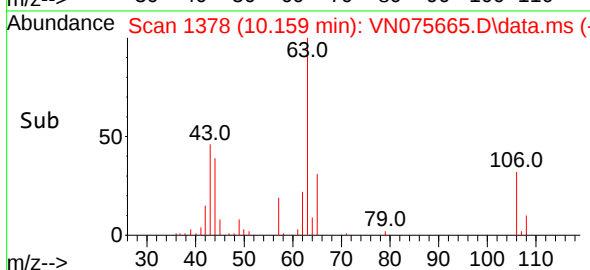
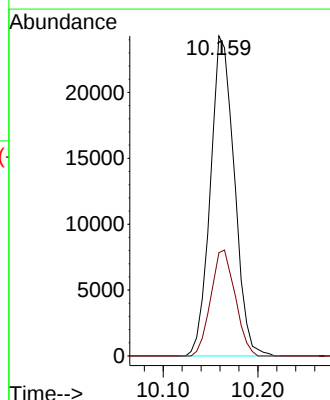
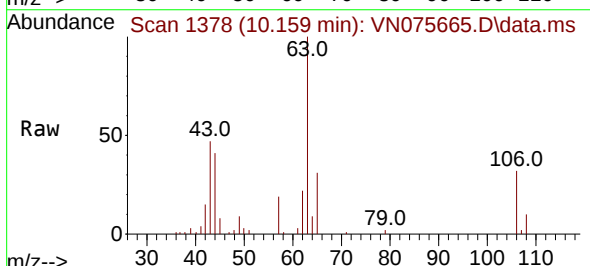
Acq: 09 Dec 2022 13:21

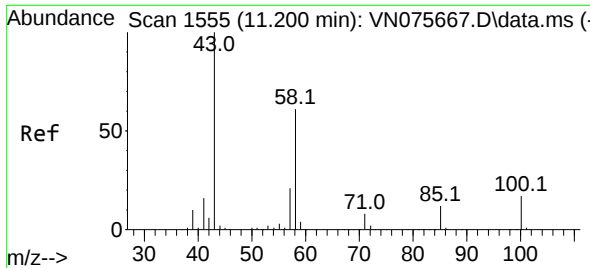
Tgt Ion: 63 Resp: 42720

Ion Ratio Lower Upper

63 100

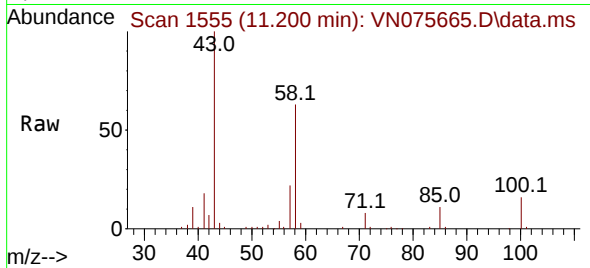
106 33.6 24.8 37.2





#59
2-Hexanone
Concen: 39.545 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

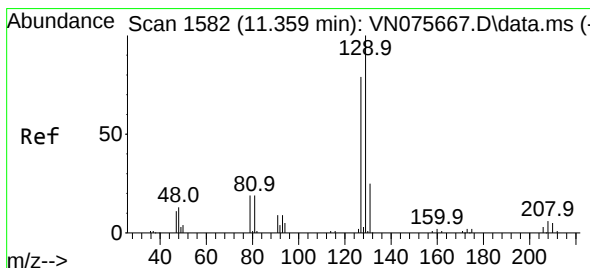
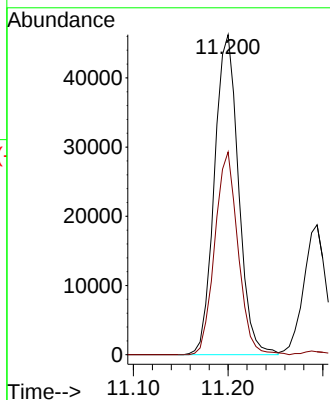
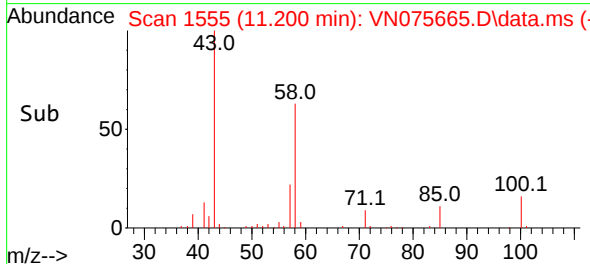
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 8170
Ion Ratio Lower Upper
43 100
58 60.9 29.6 88.8

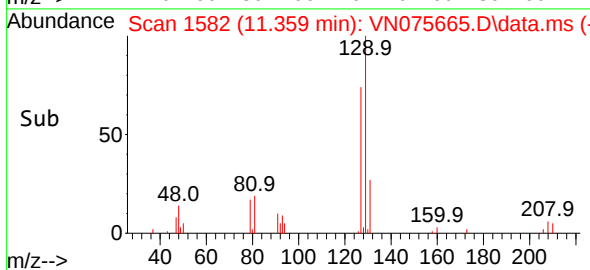
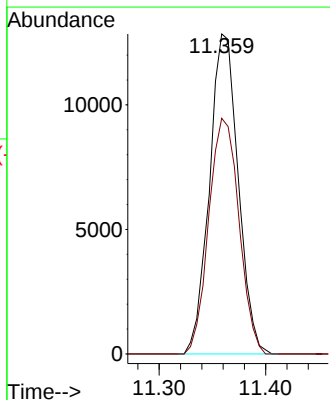
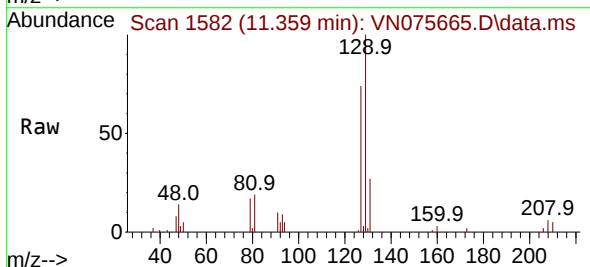
Manual Integrations
APPROVED

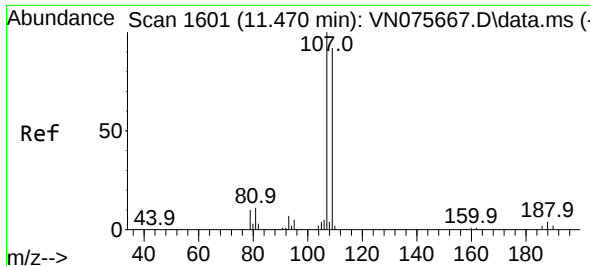
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 9.772 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Tgt Ion:129 Resp: 24091
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





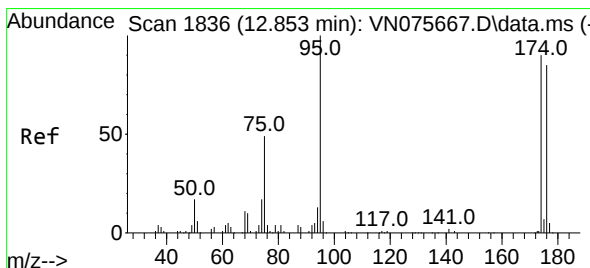
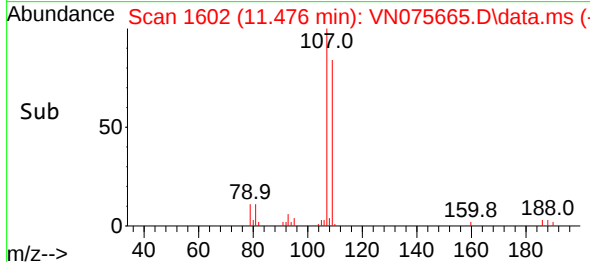
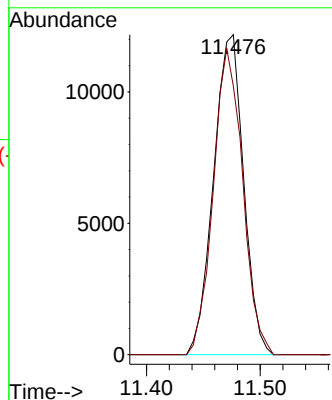
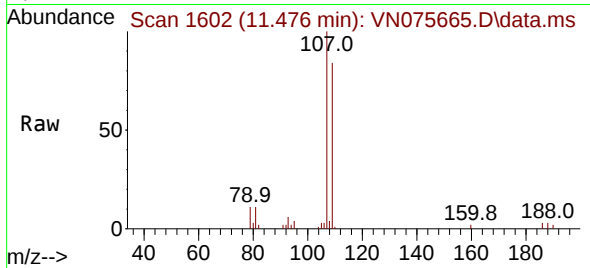
#61
1,2-Dibromoethane
Concen: 8.983 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 2239
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

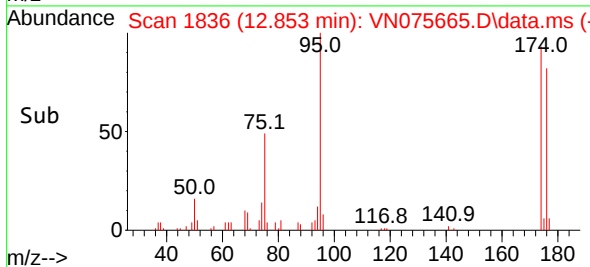
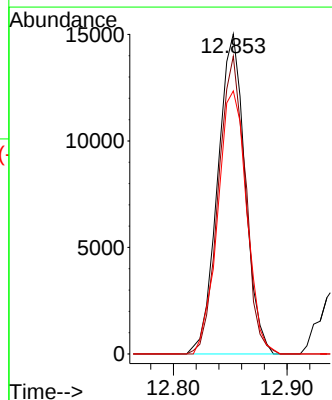
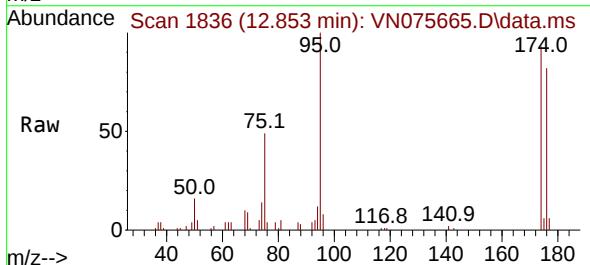
Manual Integrations
APPROVED

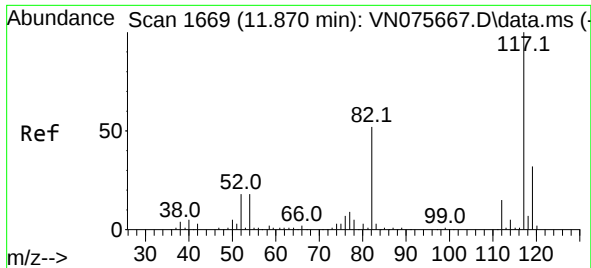
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 11.044 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

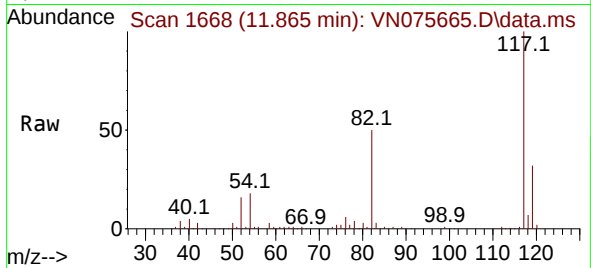
Tgt Ion: 95 Resp: 25163
Ion Ratio Lower Upper
95 100
174 91.1 0.0 147.4
176 86.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

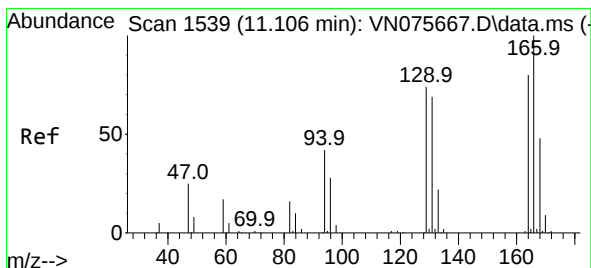
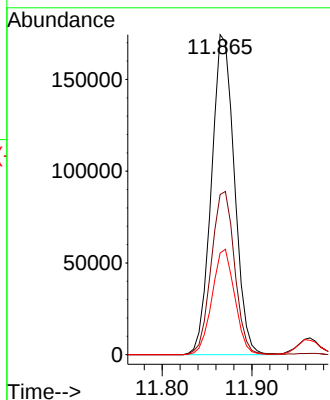
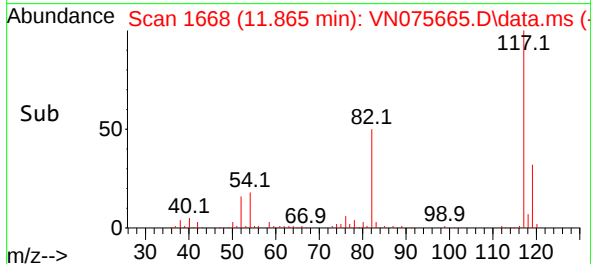
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



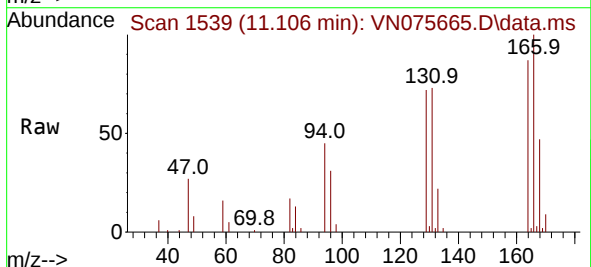
Tgt Ion:117 Resp: 310474
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 31.8 25.5 38.3

Manual Integrations
APPROVED

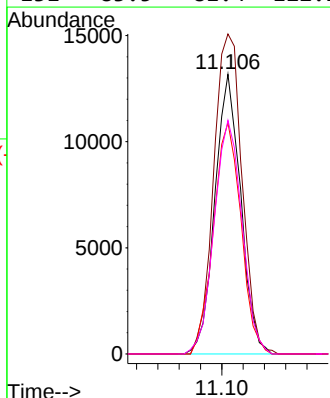
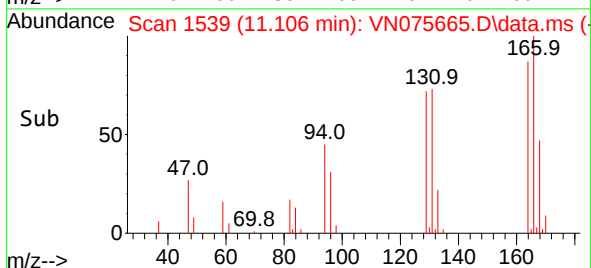
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

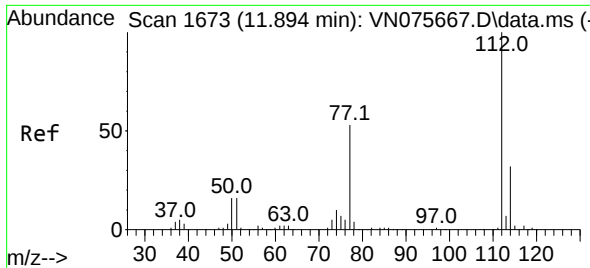


#64
Tetrachloroethene
Concen: 9.335 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:164 Resp: 22132
Ion Ratio Lower Upper
164 100
166 114.4 106.5 159.7
129 82.6 81.9 122.9
131 83.5 81.4 122.2





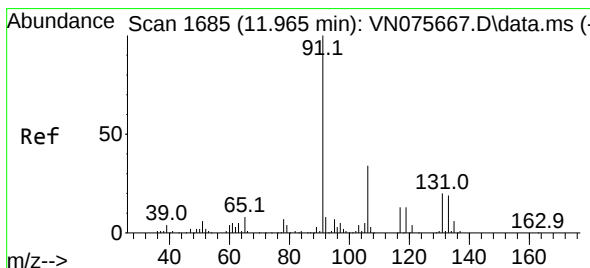
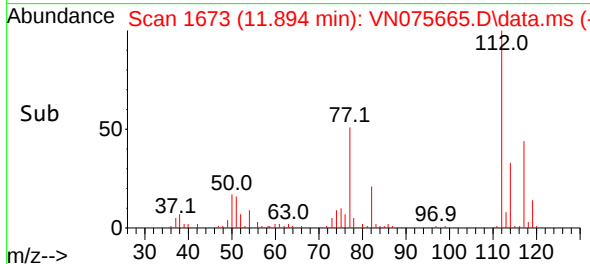
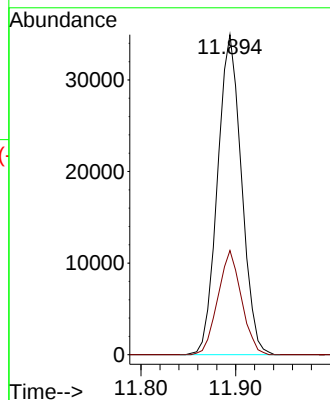
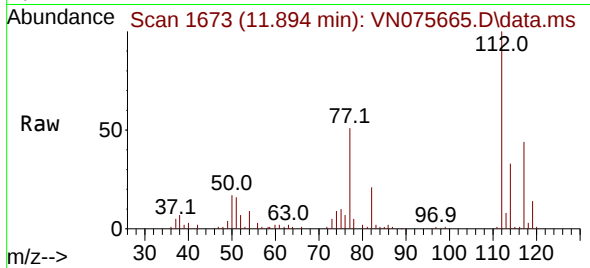
#65
Chlorobenzene
Concen: 9.583 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 6144
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

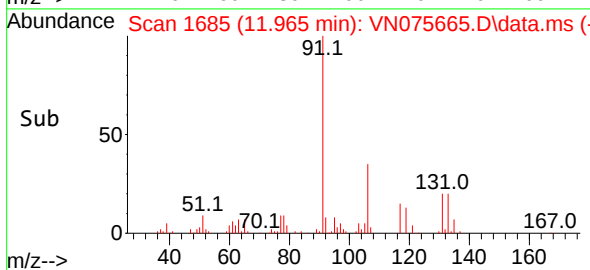
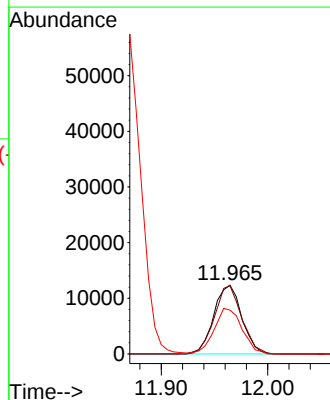
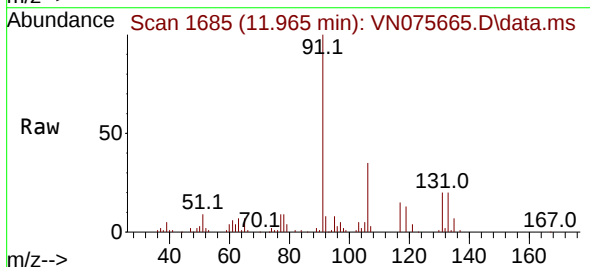
Manual Integrations
APPROVED

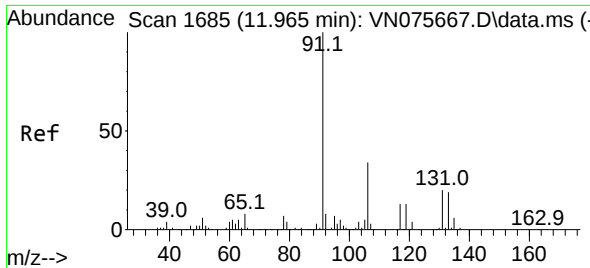
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.384 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

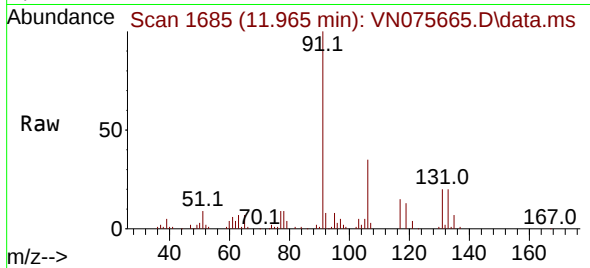
Tgt Ion:131 Resp: 22457
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 66.2 33.0 99.0





#67
Ethyl Benzene
Concen: 9.478 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

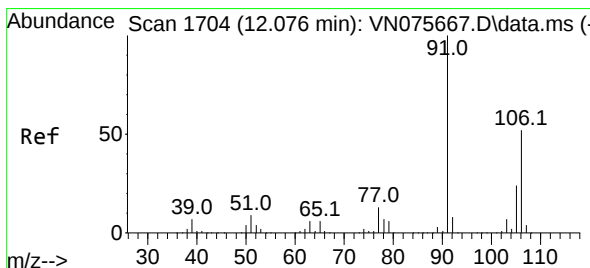
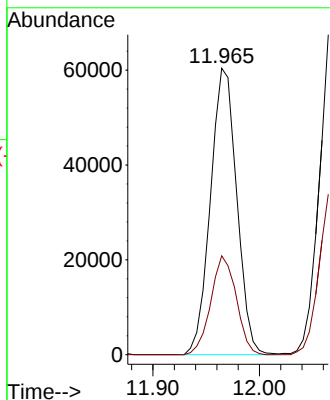
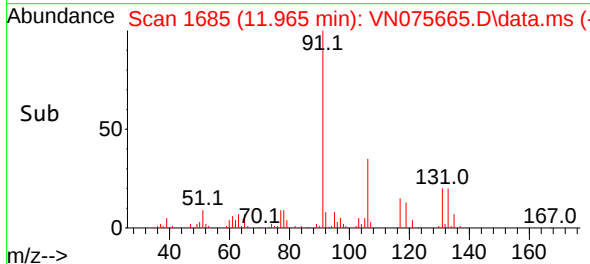
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



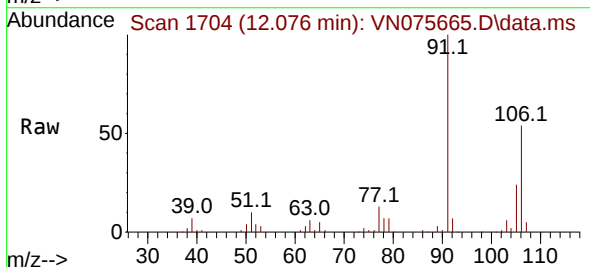
Tgt Ion: 91 Resp: 103680
Ion Ratio Lower Upper
91 100
106 34.5 24.9 37.3

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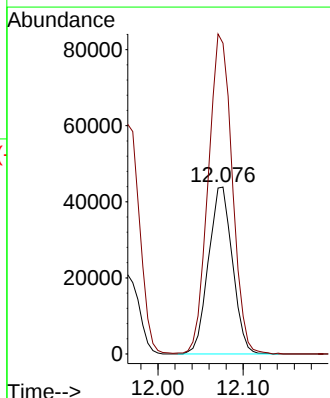
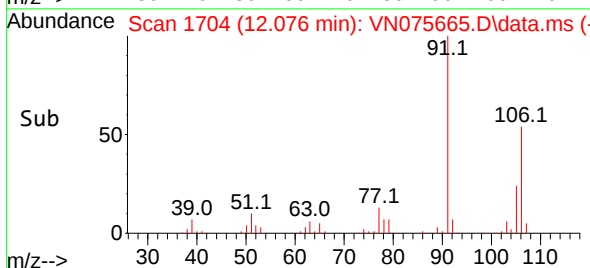
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

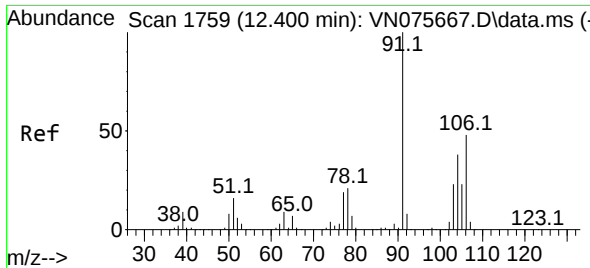


#68
m/p-Xylenes
Concen: 19.316 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:106 Resp: 85805
Ion Ratio Lower Upper
106 100
91 191.9 156.0 234.0





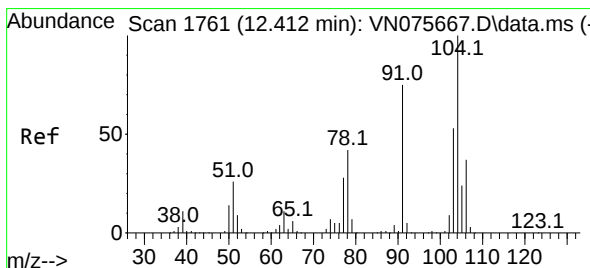
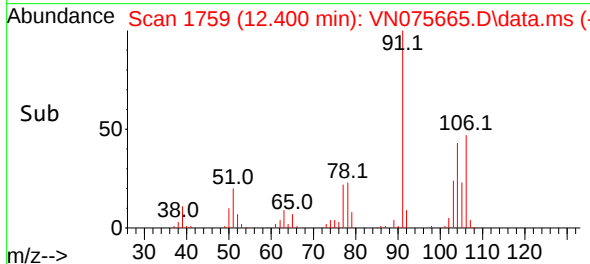
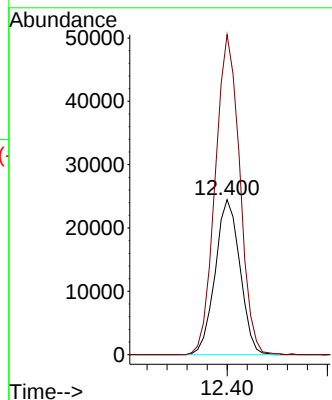
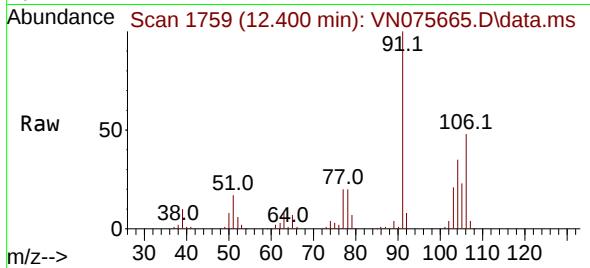
#69
o-Xylene
Concen: 9.513 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 4198
Ion Ratio Lower Upper
106 100
91 204.3 105.2 315.5

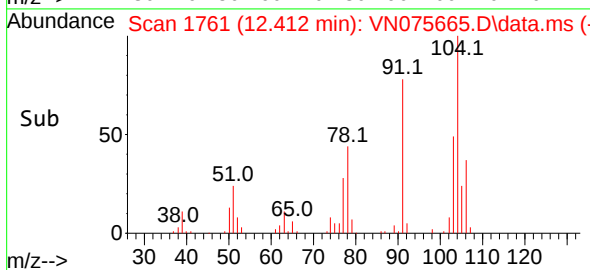
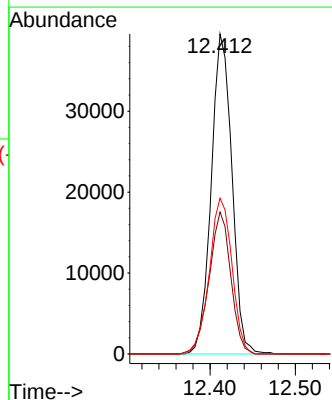
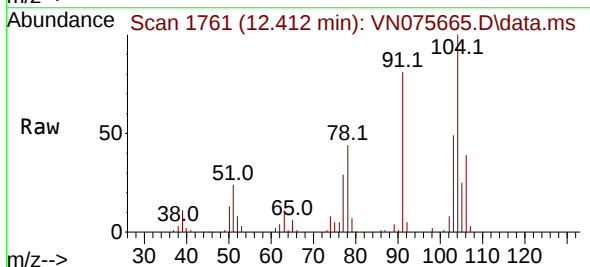
Manual Integrations
APPROVED

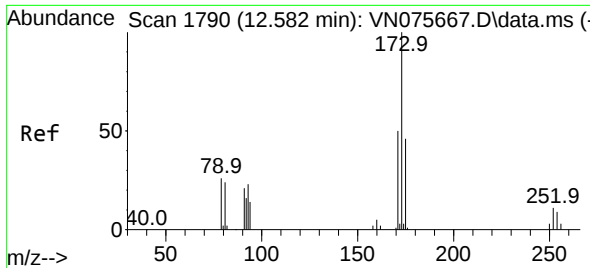
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 9.570 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

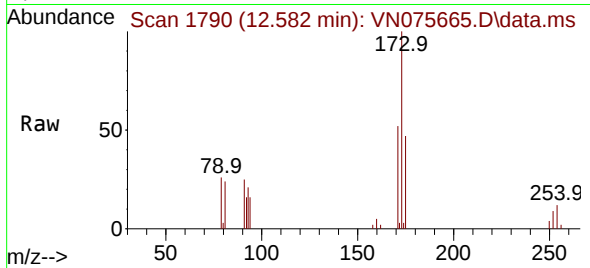
Tgt Ion:104 Resp: 66633
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 53.2 44.6 66.8





#71
Bromoform
Concen: 9.255 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

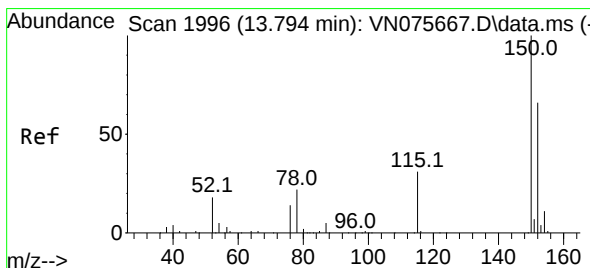
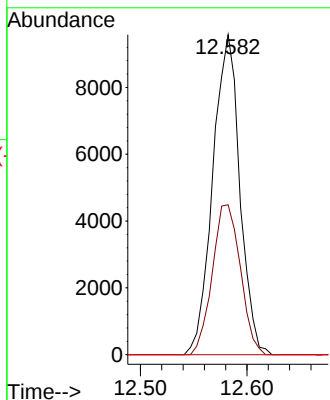
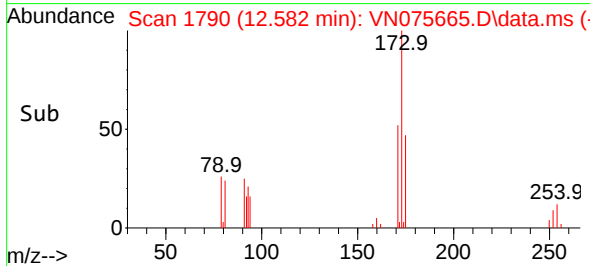
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



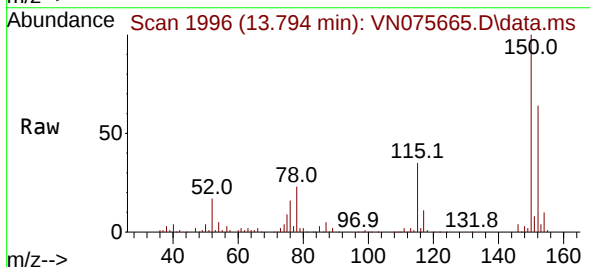
Tgt Ion:173 Resp: 1685
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

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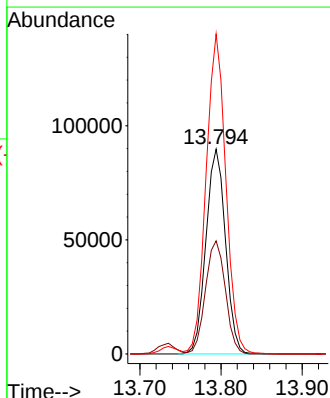
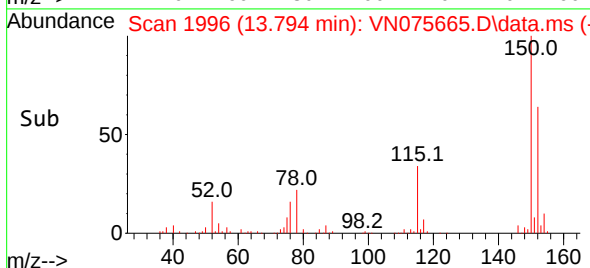
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

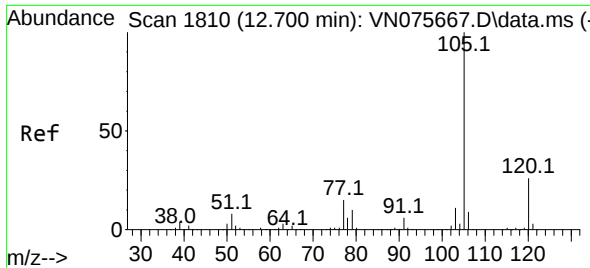


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



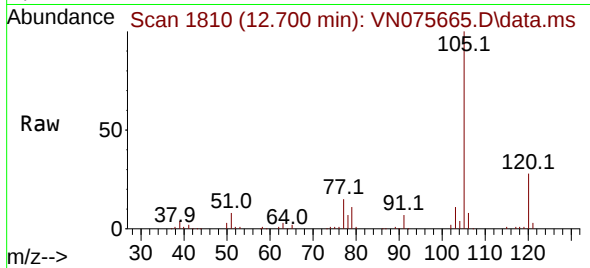
Tgt Ion:152 Resp: 150091
Ion Ratio Lower Upper
152 100
115 56.1 30.2 90.6
150 157.7 0.0 348.4





#73
Isopropylbenzene
Concen: 9.704 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

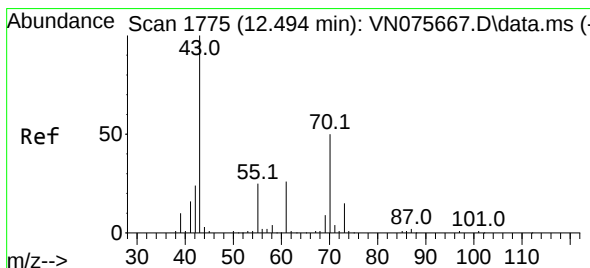
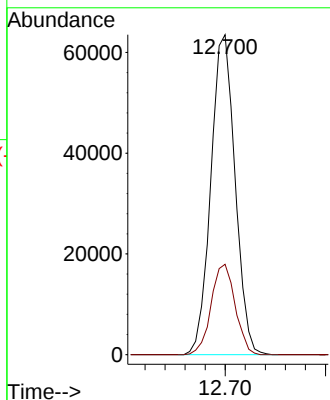
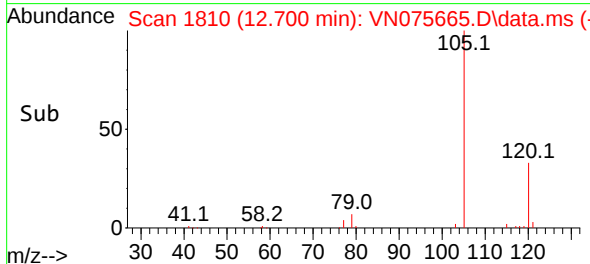
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



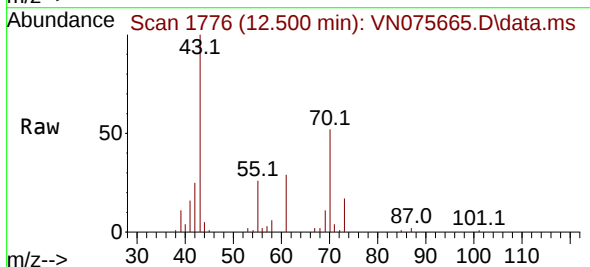
Tgt Ion:105 Resp: 106414
Ion Ratio Lower Upper
105 100
120 28.0 13.1 39.1

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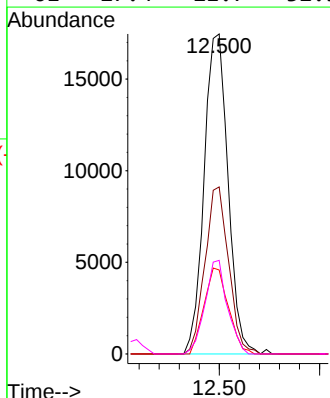
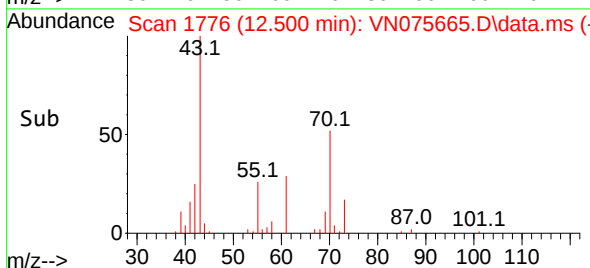
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

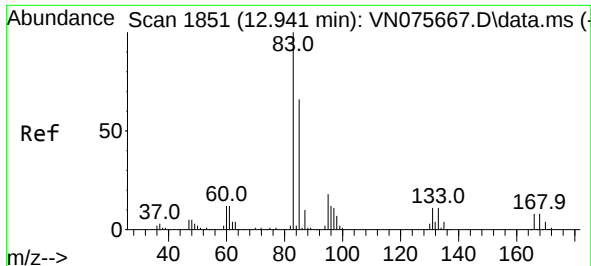


#74
N-ethyl acetate
Concen: 8.604 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 43 Resp: 29007
Ion Ratio Lower Upper
43 100
70 51.5 39.8 59.8
55 27.3 19.9 29.9
61 27.4 21.7 32.5





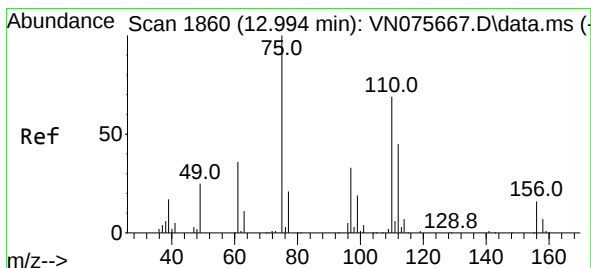
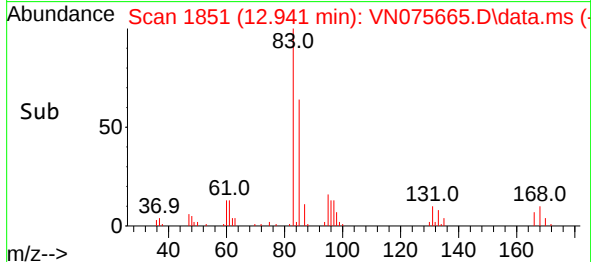
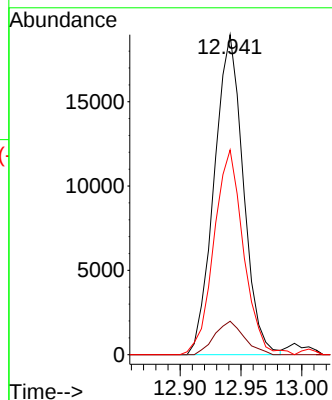
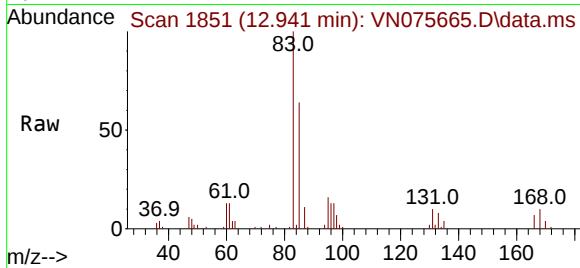
#75
1,1,2,2-Tetrachloroethane
Concen: 9.430 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3152
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.2 31.6 94.7

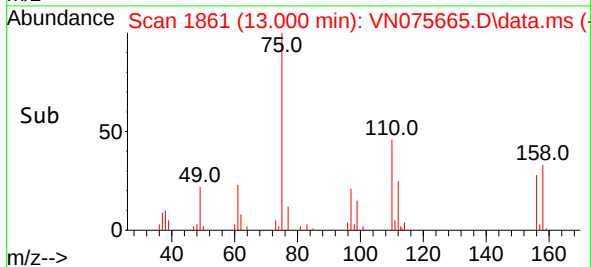
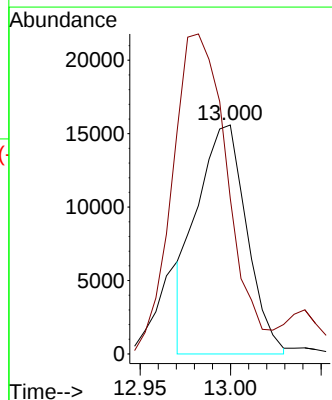
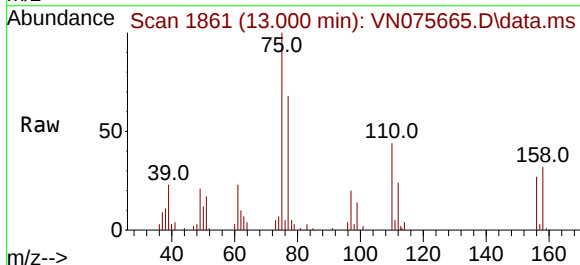
Manual Integrations
APPROVED

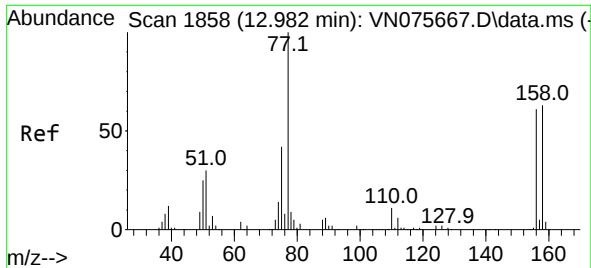
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#76
1,2,3-Trichloropropane
Concen: 10.526 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

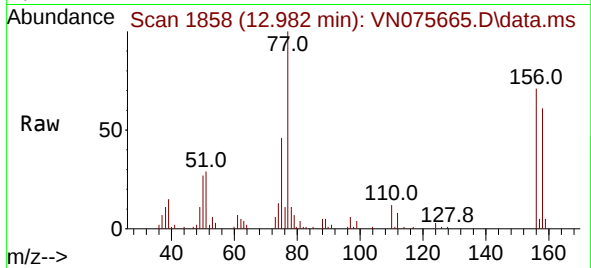
Tgt Ion: 75 Resp: 29870
Ion Ratio Lower Upper
75 100
77 156.3 75.6 226.8





#77
Bromobenzene
Concen: 9.711 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

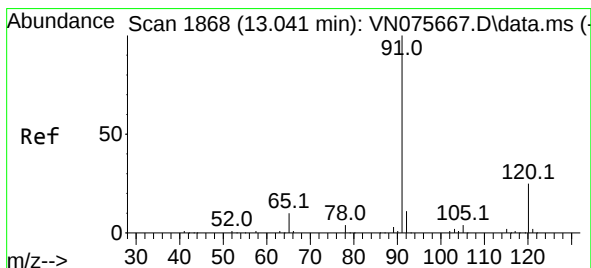
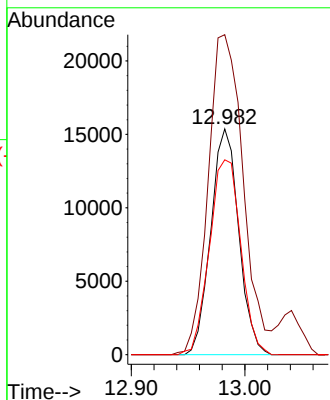
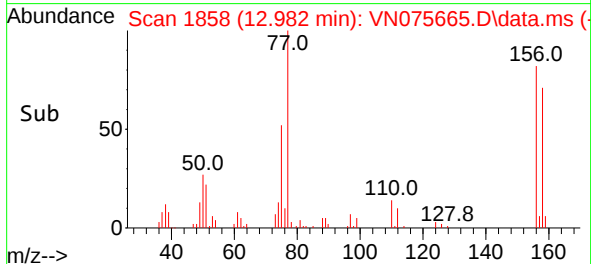
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



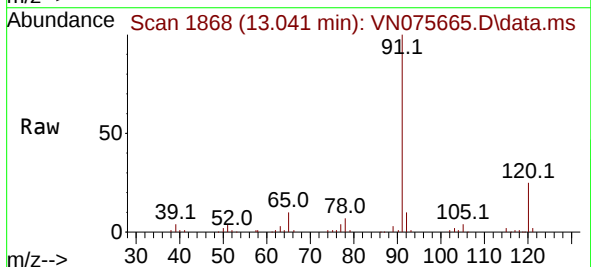
Tgt Ion:156 Resp: 2628
Ion Ratio Lower Upper
156 100
77 177.6 108.5 325.5
158 96.7 47.7 143.1

Manual Integrations
APPROVED

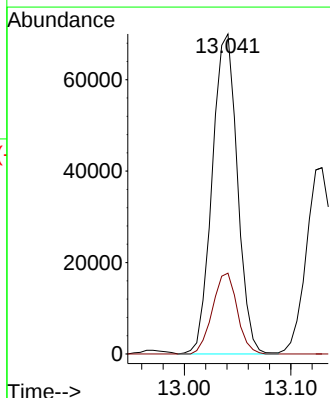
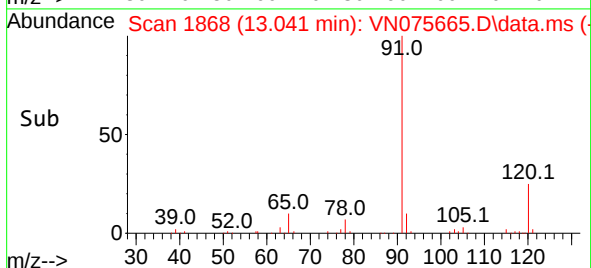
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

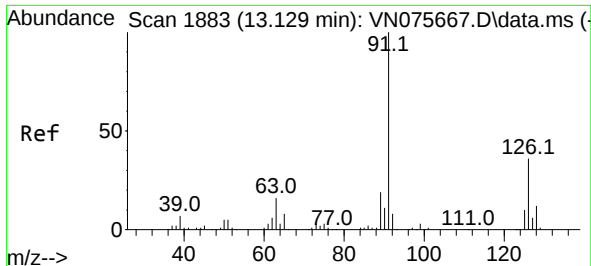


#78
n-propylbenzene
Concen: 9.411 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 91 Resp: 115171
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5





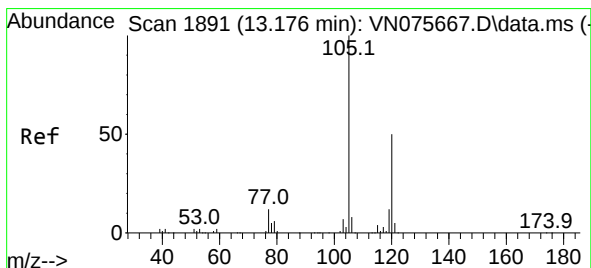
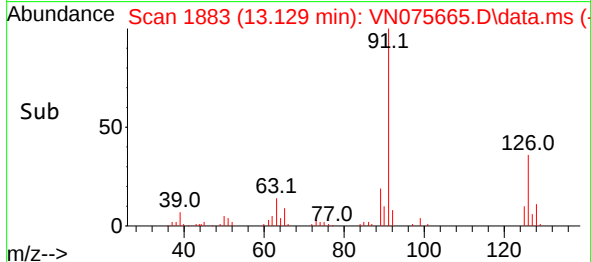
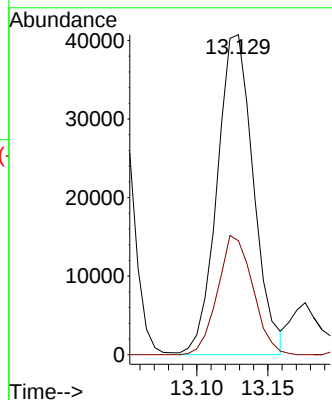
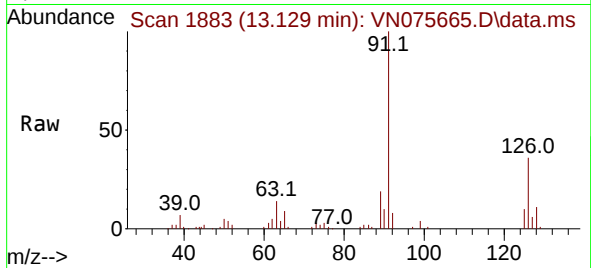
#79
2-Chlorotoluene
Concen: 9.828 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 7246
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7

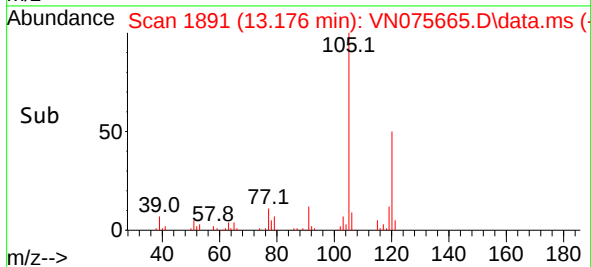
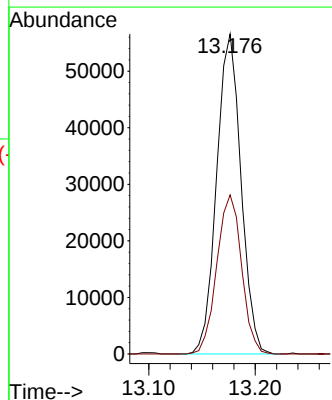
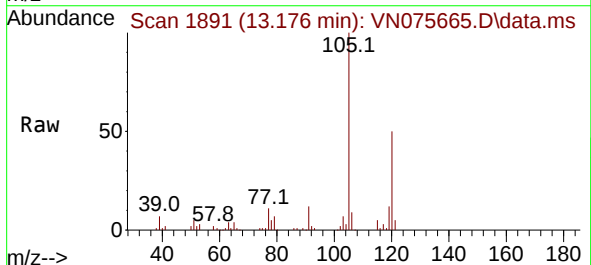
Manual Integrations
APPROVED

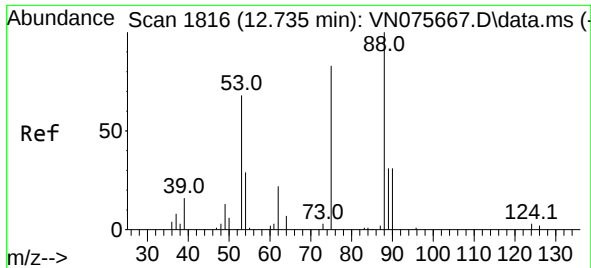
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.849 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

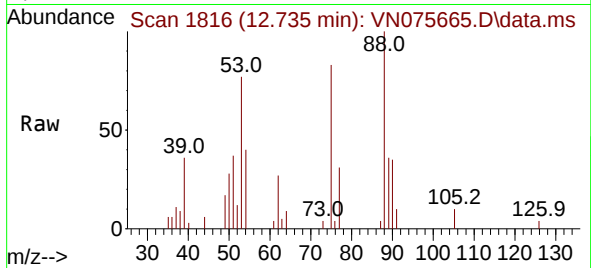
Tgt Ion:105 Resp: 89725
Ion Ratio Lower Upper
105 100
120 50.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 7.308 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

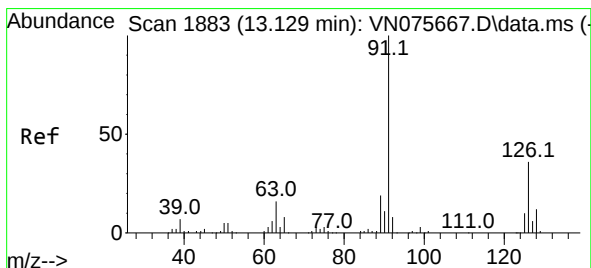
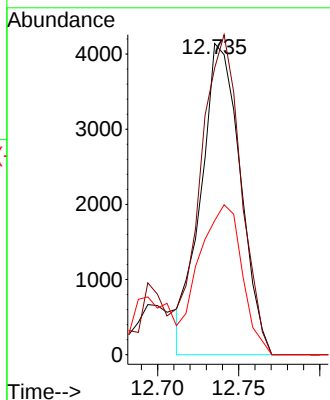
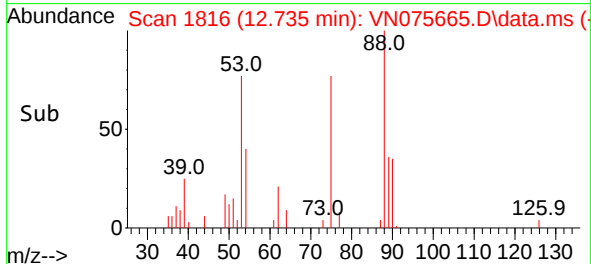
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 7009
Ion Ratio Lower Upper
75 100
53 107.2 78.5 117.7
89 52.7 37.7 56.5

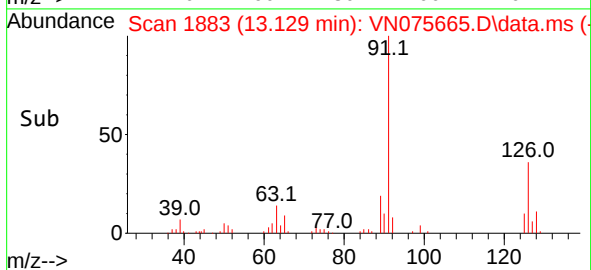
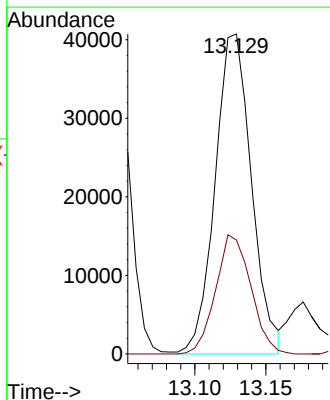
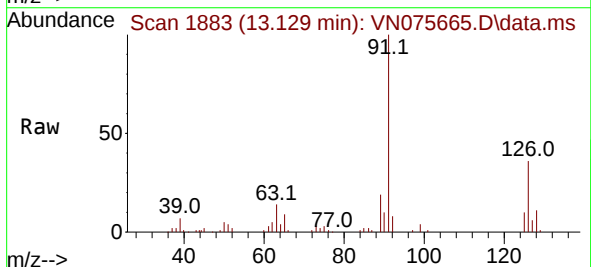
Manual Integrations
APPROVED

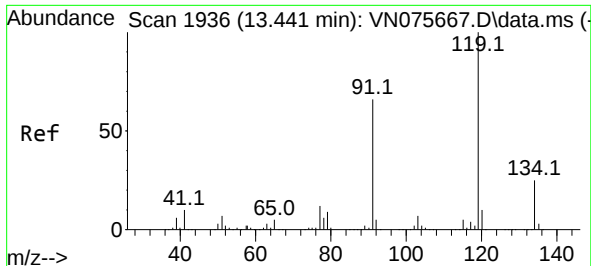
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 9.828 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

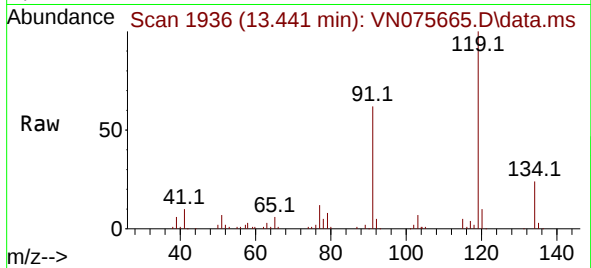
Tgt Ion: 91 Resp: 72467
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7





#83
tert-Butylbenzene
Concen: 9.730 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

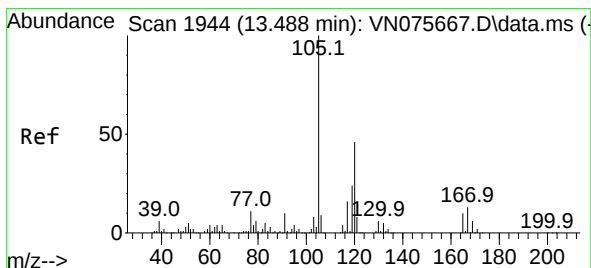
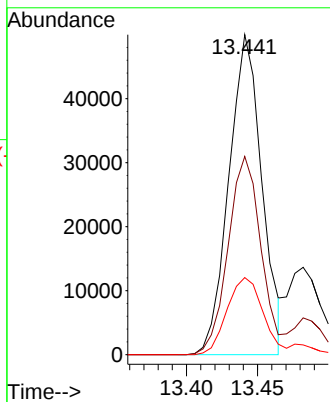
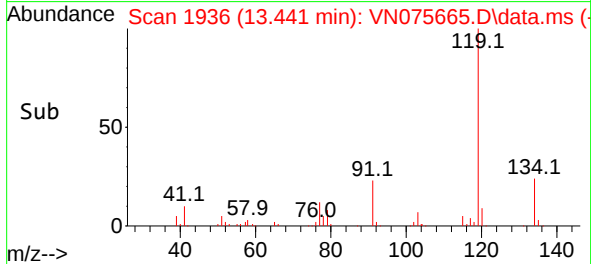
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



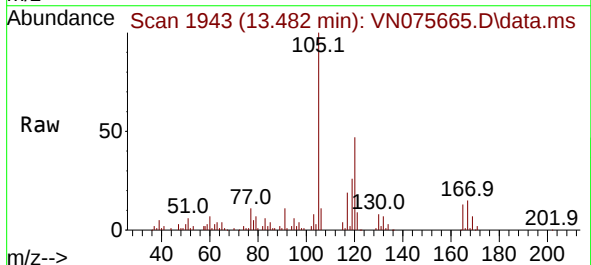
Tgt Ion:119 Resp: 8082
Ion Ratio Lower Upper
119 100
91 62.7 32.8 98.4
134 26.2 12.3 36.9

Manual Integrations
APPROVED

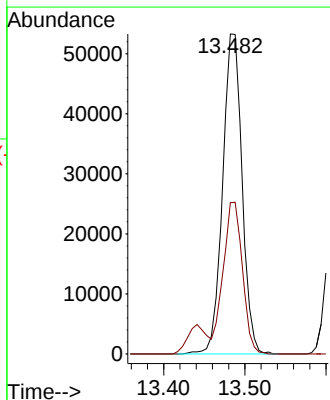
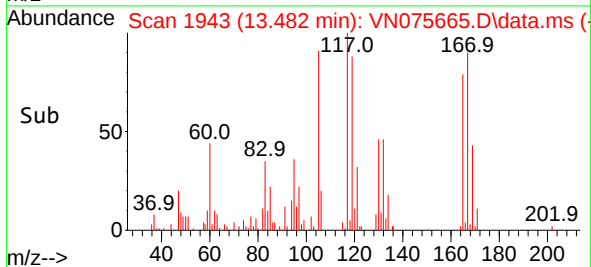
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

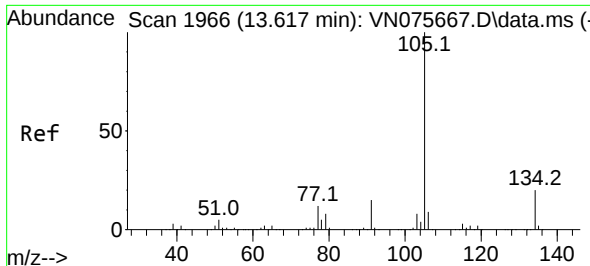


#84
1,2,4-Trimethylbenzene
Concen: 9.702 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



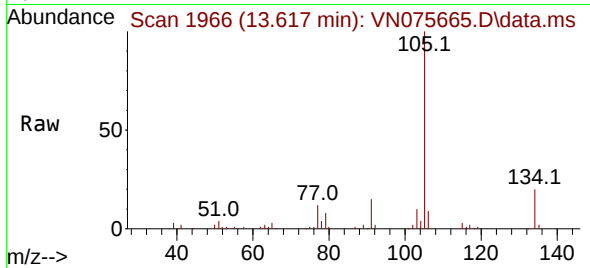
Tgt Ion:105 Resp: 88659
Ion Ratio Lower Upper
105 100
120 47.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 9.772 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21

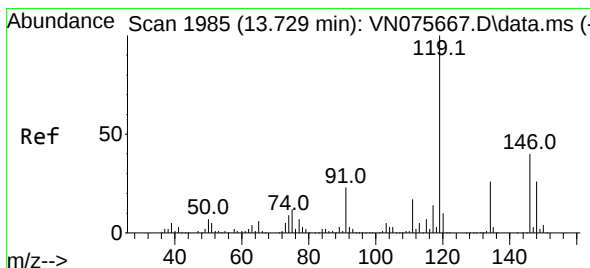
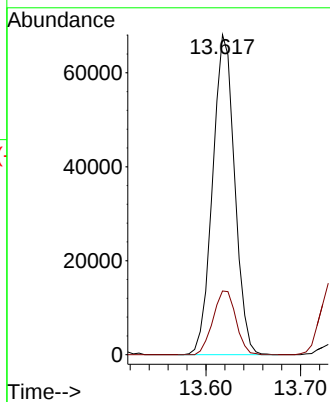
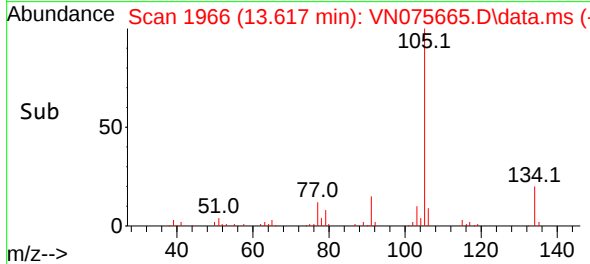
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



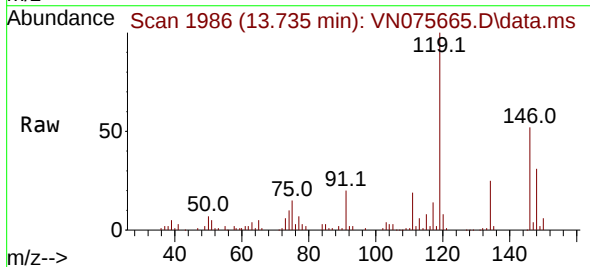
Tgt Ion:105 Resp: 11014
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations
 APPROVED

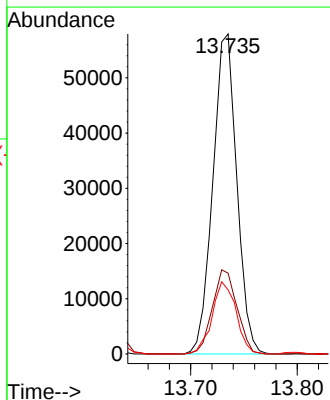
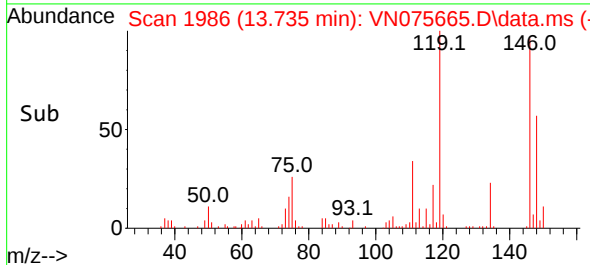
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

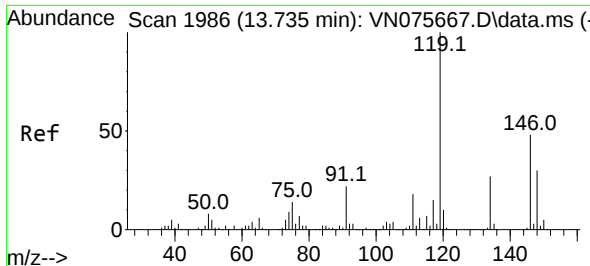


#86
 p-Isopropyltoluene
 Concen: 9.531 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075665.D
 Acq: 09 Dec 2022 13:21



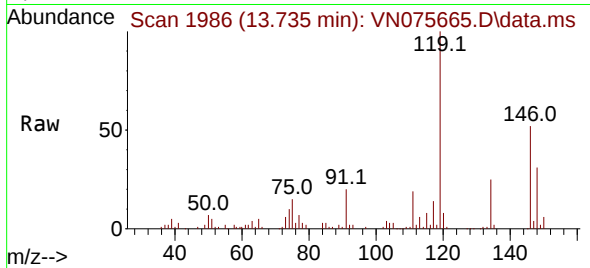
Tgt Ion:119 Resp: 90380
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 9.437 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

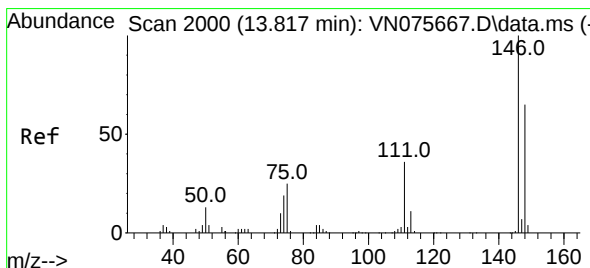
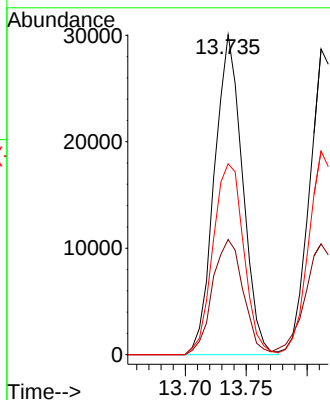
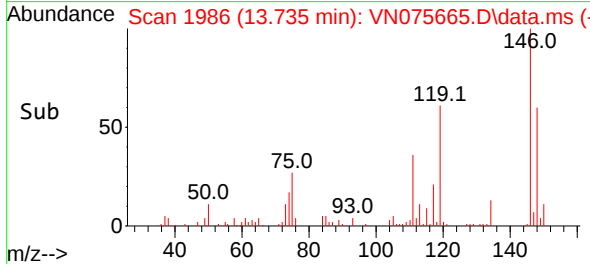
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



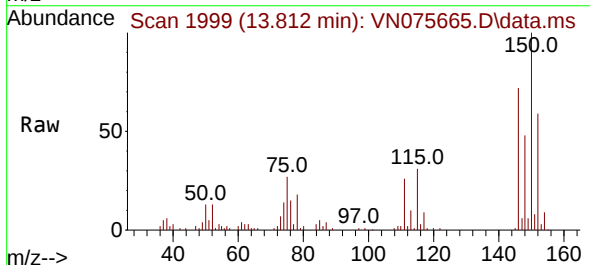
Tgt Ion:146 Resp: 48400
Ion Ratio Lower Upper
146 100
111 39.3 20.8 62.5
148 65.1 31.1 93.5

Manual Integrations
APPROVED

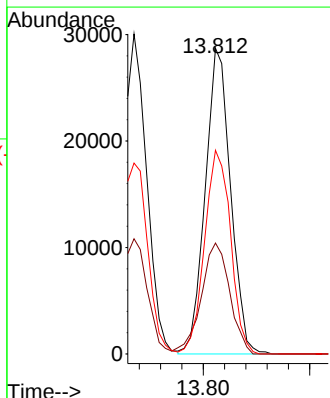
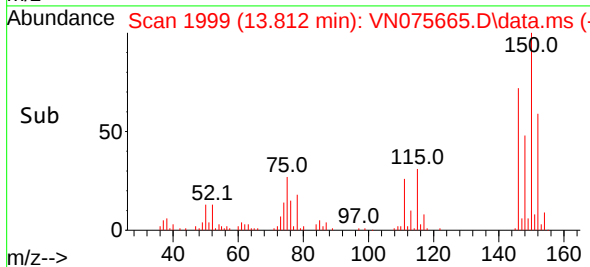
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

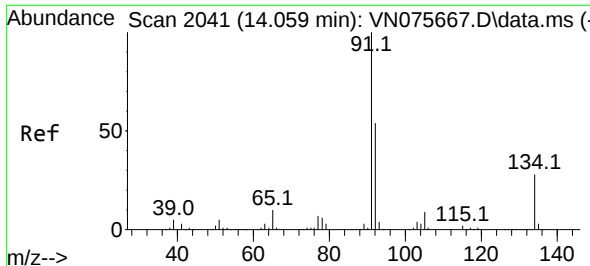


#88
1,4-Dichlorobenzene
Concen: 9.096 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:146 Resp: 47393
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.3
148 68.5 31.9 95.7





#89

n-Butylbenzene

Concen: 8.716 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 69800

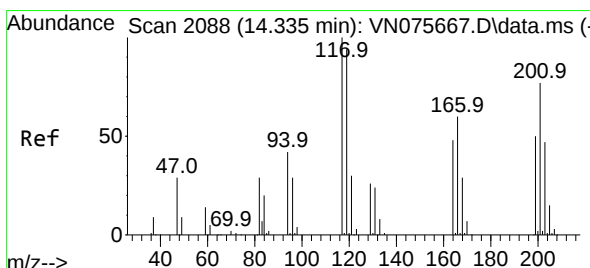
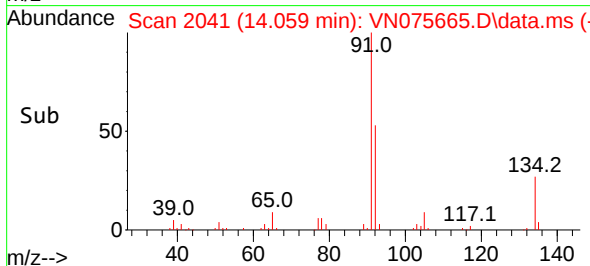
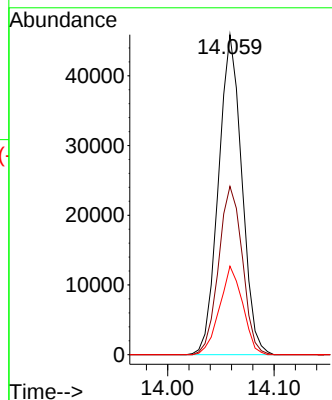
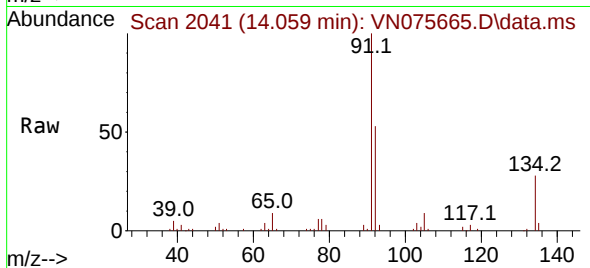
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.4
134	27.4	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#90

Hexachloroethane

Concen: 9.603 ug/l

RT: 14.335 min Scan# 2088

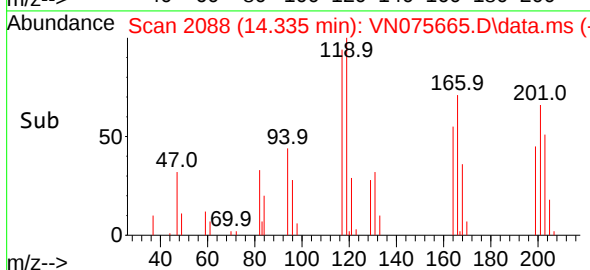
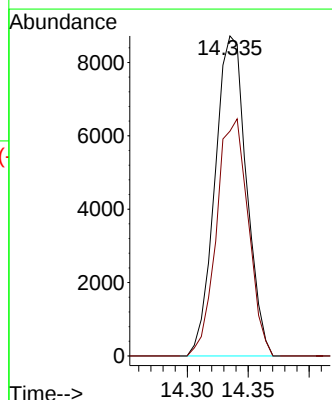
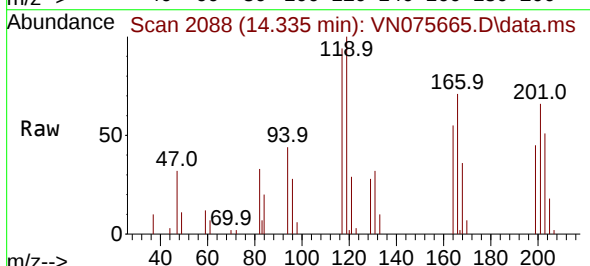
Delta R.T. 0.000 min

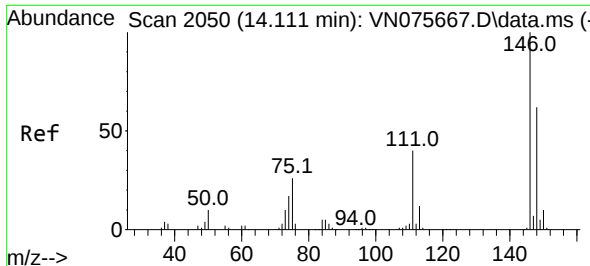
Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Tgt Ion:117 Resp: 15710

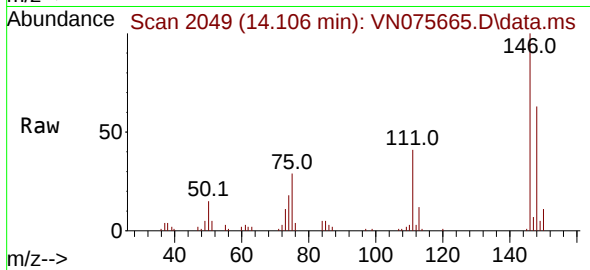
Ion	Ratio	Lower	Upper
117	100		
201	74.4	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 9.585 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

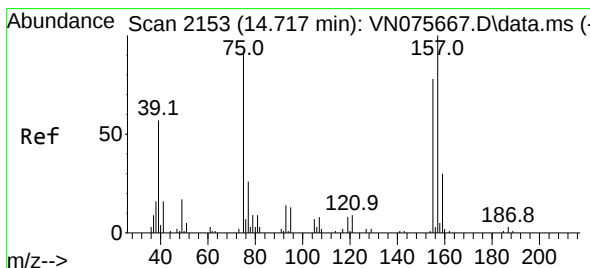
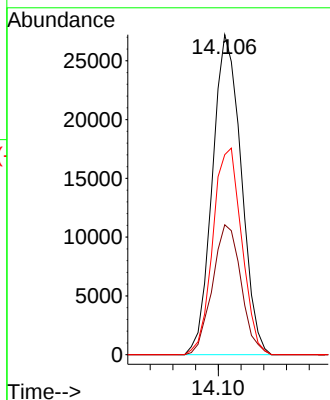
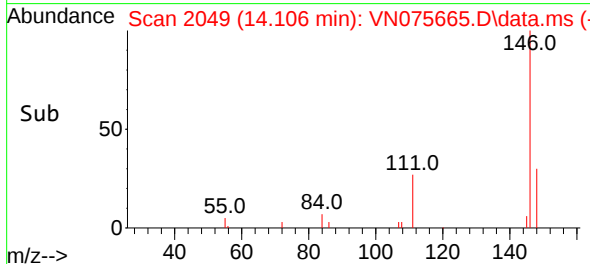
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



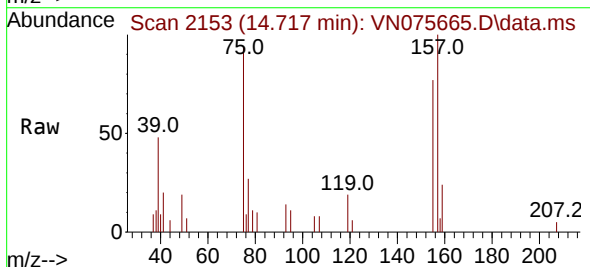
Tgt Ion:146 Resp: 4792
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 64.8 31.4 94.2

Manual Integrations
APPROVED

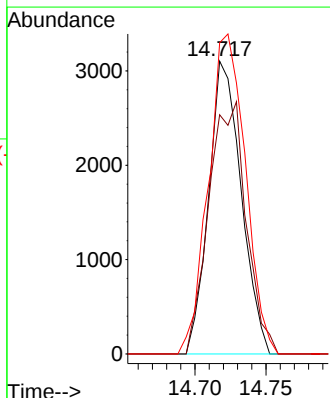
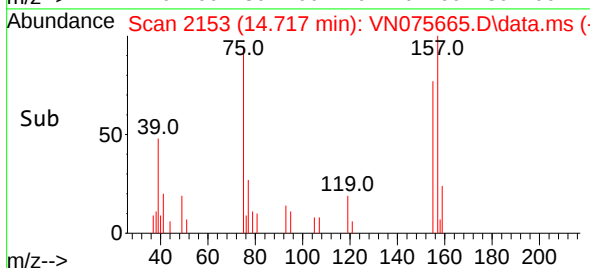
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

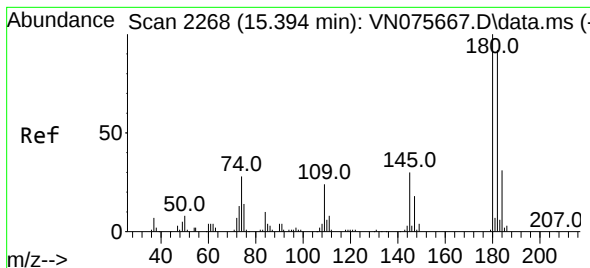


#92
1,2-Dibromo-3-Chloropropane
Concen: 7.797 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion: 75 Resp: 4938
Ion Ratio Lower Upper
75 100
155 99.3 42.1 126.3
157 124.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 8.222 ug/l

RT: 15.394 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

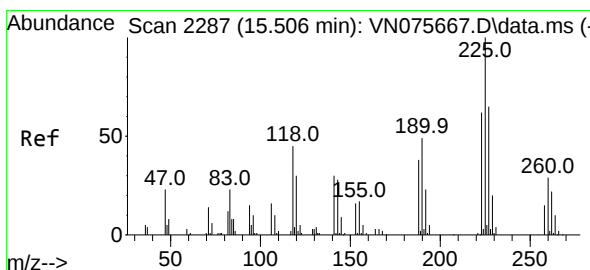
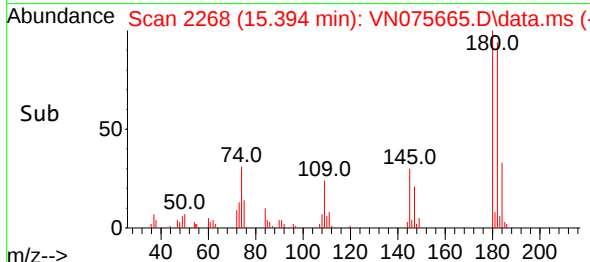
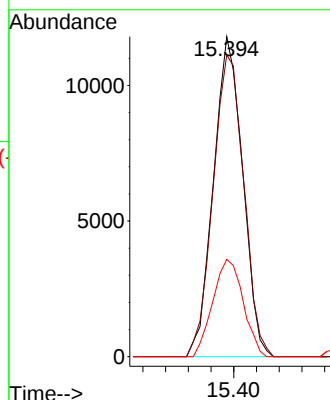
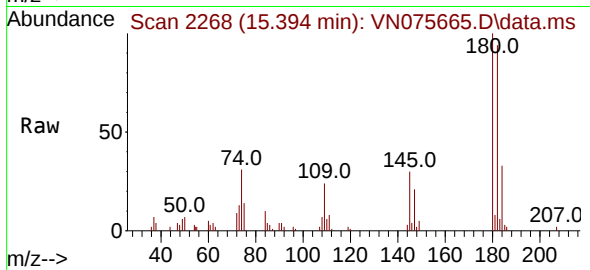
Tgt Ion:	180	Resp:	2106
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.8	143.4
145	31.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#94

Hexachlorobutadiene

Concen: 9.758 ug/l

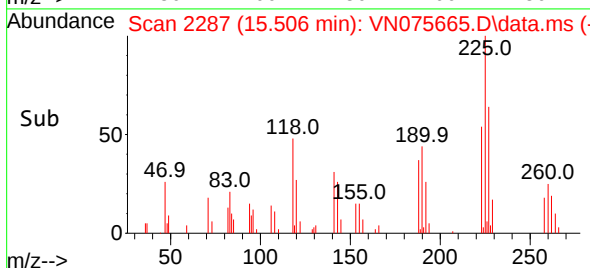
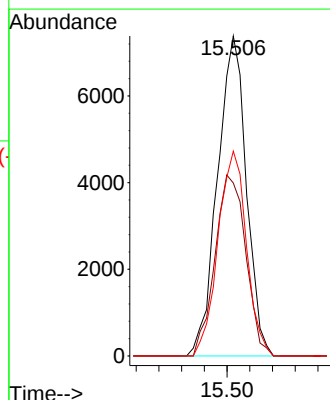
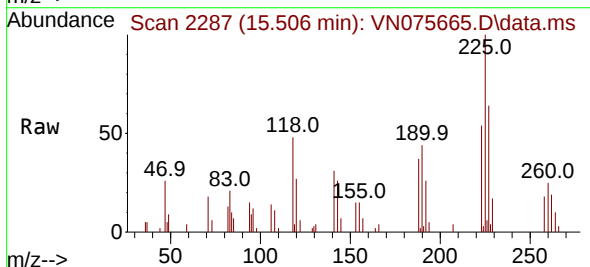
RT: 15.506 min Scan# 2287

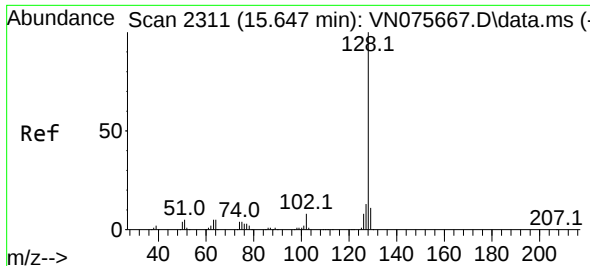
Delta R.T. -0.000 min

Lab File: VN075665.D

Acq: 09 Dec 2022 13:21

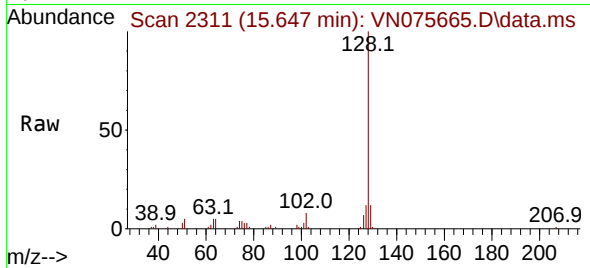
Tgt Ion:	225	Resp:	13023
Ion Ratio	Lower	Upper	
225	100		
223	60.3	32.3	96.9
227	63.1	32.0	96.2





#95
Naphthalene
Concen: 7.689 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21

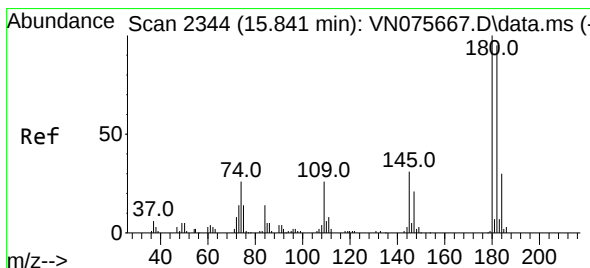
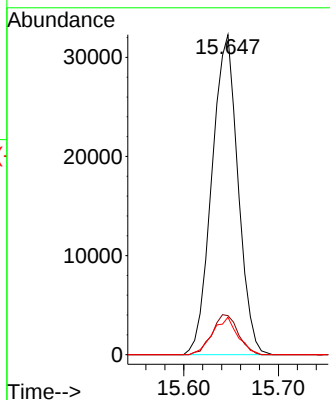
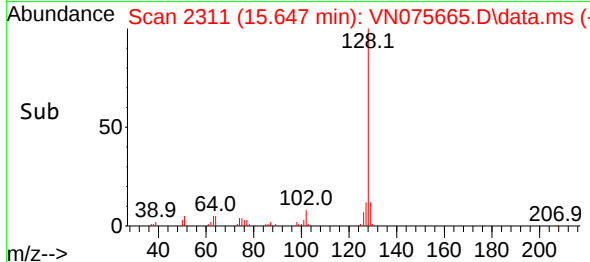
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



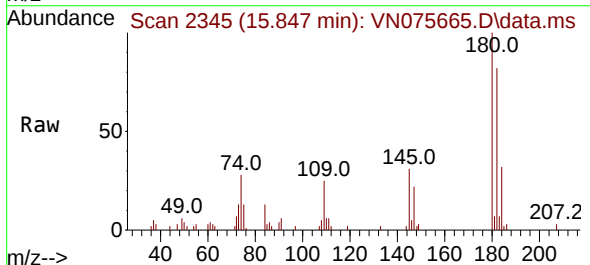
Tgt Ion:128 Resp: 6197
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.3 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 8.479 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075665.D
Acq: 09 Dec 2022 13:21



Tgt Ion:180 Resp: 21353
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.8
145 30.9 17.6 52.9

