

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071354.D
 Acq On : 17 Mar 2022 16:22
 Operator : JC\MD
 Sample : N1870-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 18 13:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

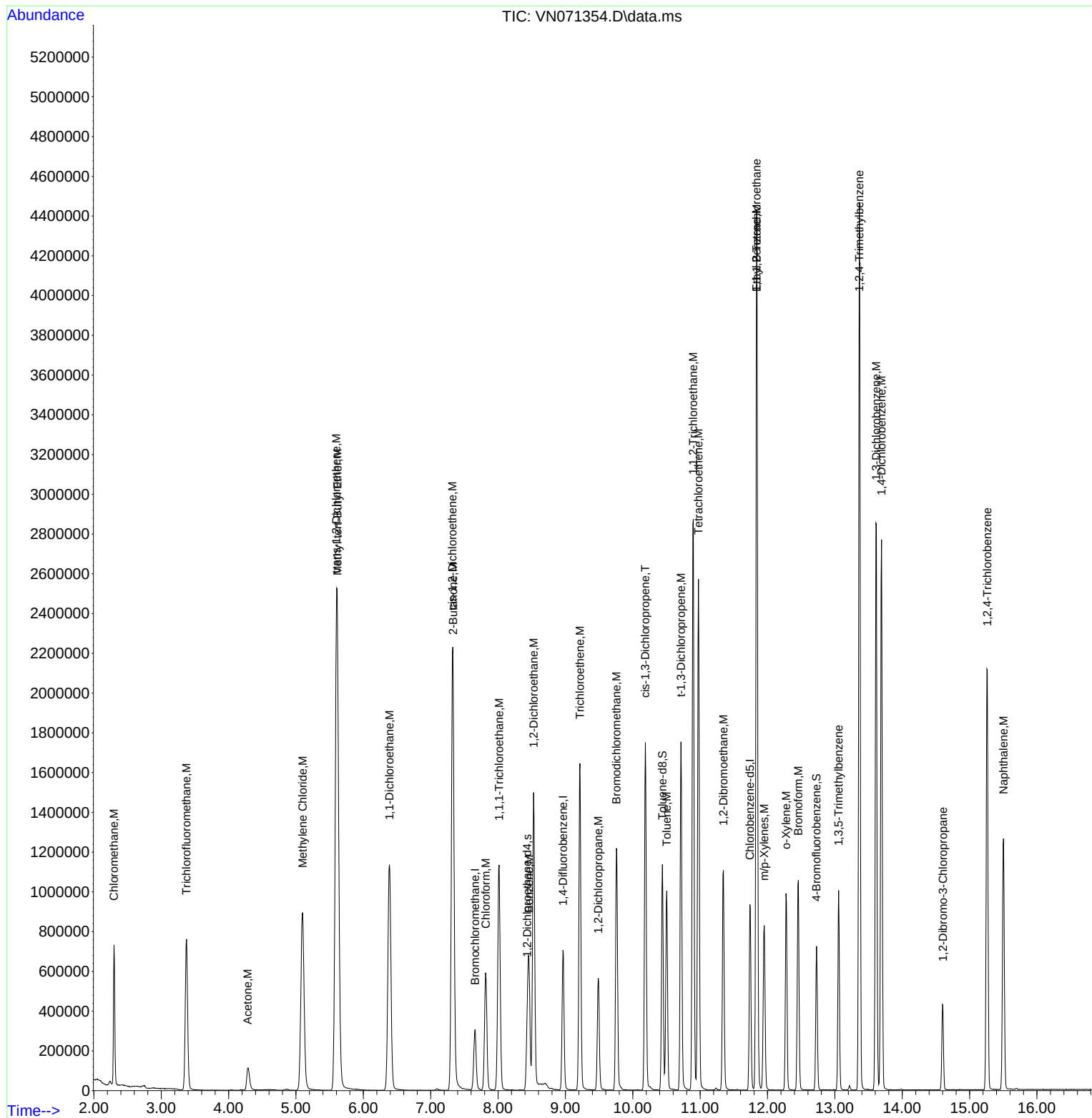
Internal Standards						
1) Bromochloromethane	7.657	128	107943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	609059	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	545616	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	259053	30.228	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.727	95	248986	29.538	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.467%	
63) Toluene-d8	10.439	98	761844	30.353	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.167%	
Target Compounds						Qvalue
3) Chloromethane	2.299	50	597989	64.220	ug/l	95
7) Trichlorofluoromethane	3.375	101	839765	77.869	ug/l	96
15) Acetone	4.281	58	62731	48.464	ug/l	99
18) Methylene Chloride	5.098	84	730670	97.102	ug/l	91
19) trans-1,2-Dichloroethene	5.598	96	642925	99.123	ug/l	87
21) 1,1-Dichloroethane	6.387	63	1788873	131.336	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	996067	126.694	ug/l	96
24) Methyl tert-Butyl Ether	5.616	73	2829629	120.135	ug/l	95
25) Chloroform	7.816	83	595189	45.500	ug/l	99
30) 2-Butanone	7.334	43	1136387	163.734	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	929325	81.306	ug/l	97
34) Benzene	8.457	78	577076	19.021	ug/l	97
36) 1,2-Dichloroethane	8.528	62	1396509	128.893	ug/l	98
37) Trichloroethene	9.216	130	610186	84.399	ug/l	98
39) 1,2-Dichloropropane	9.486	63	229091	28.485	ug/l	97
41) Bromodichloromethane	9.757	83	862127	84.042	ug/l	94
48) t-1,3-Dichloropropene	10.716	75	988975	88.512	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	1031705	85.400	ug/l	93
50) 1,1,2-Trichloroethane	10.898	97	954163	128.788	ug/l	97
54) 1,2-Dibromoethane	11.345	107	798039	103.883	ug/l	97
56) Bromoform	12.457	173	520550	87.391	ug/l #	100
61) Tetrachloroethene	10.975	164	594378	99.860	ug/l	93
62) Toluene	10.504	91	758469	24.313	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.839	131	447145	63.702	ug/l	100
66) Ethyl Benzene	11.839	91	2097850	61.023	ug/l	99
67) m/p-Xylenes	11.951	106	282453	21.864	ug/l	99
68) o-Xylene	12.274	106	273479	21.032	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	540448	20.702	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	2483934	98.081	ug/l #	81
83) 1,3-Dichlorobenzene	13.616	146	1232133	98.003	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	1158242	96.769	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	113563	51.827	ug/l	96
89) 1,2,4-Trichlorobenzene	15.262	180	733120	129.823	ug/l	98
91) Naphthalene	15.504	128	1150658	65.100	ug/l	99

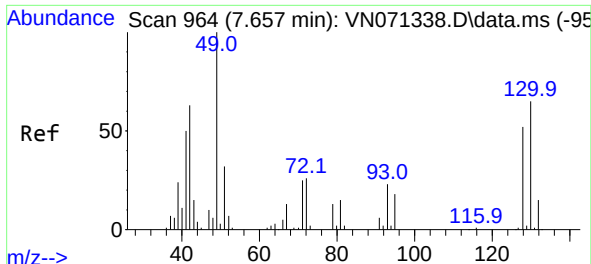
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
Response via : Initial Calibration

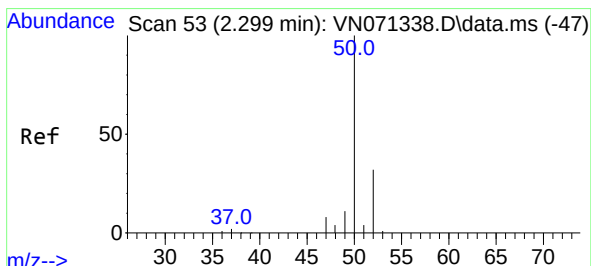
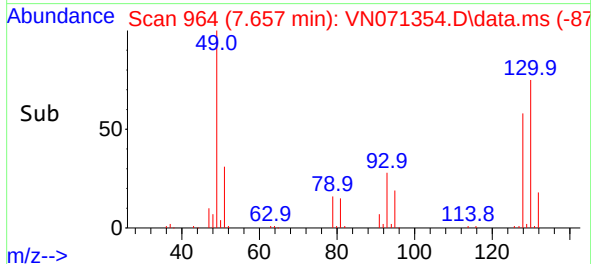
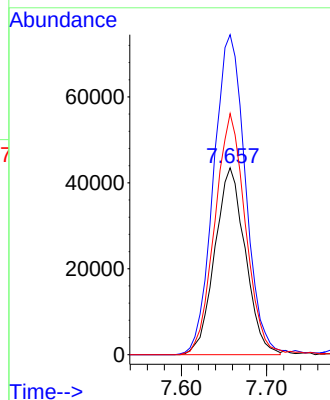
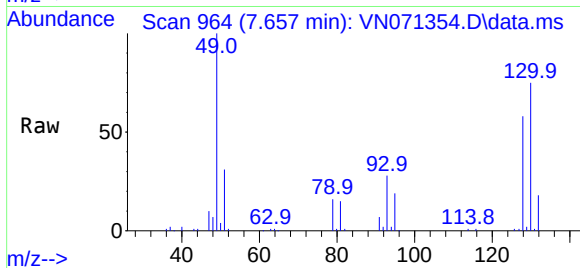




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

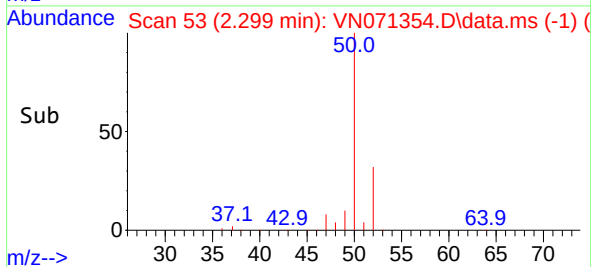
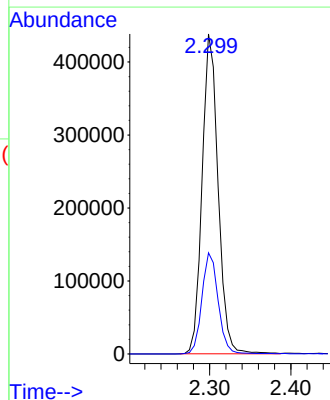
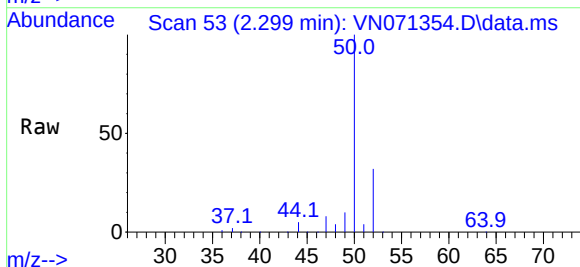
Instrument :
MSVOA_N
ClientSampleId :
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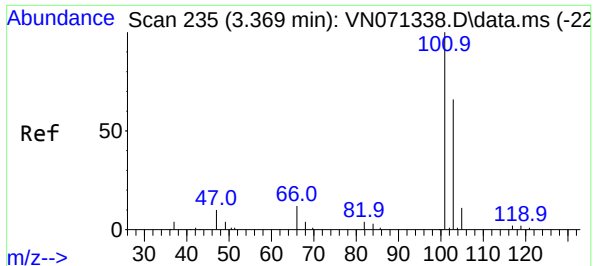
Tgt Ion:128 Resp: 107943
Ion Ratio Lower Upper
128 100
49 178.8 0.0 392.3
130 130.0 0.0 320.2



#3
Chloromethane
Concen: 64.220 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 50 Resp: 597989
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.6

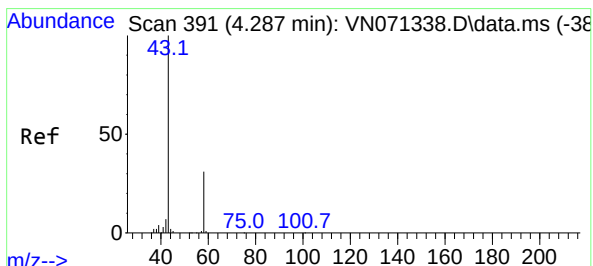
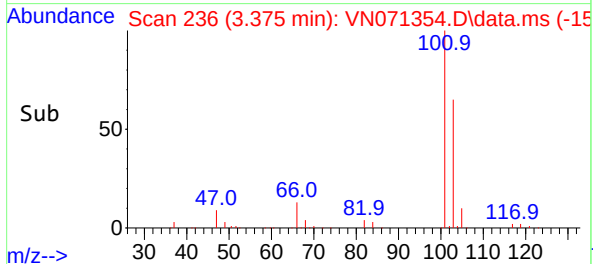
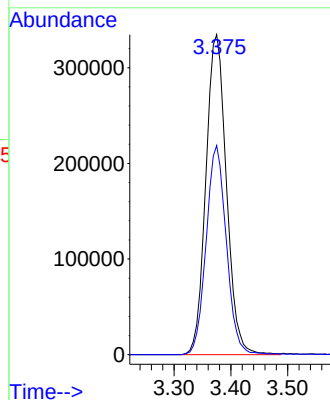
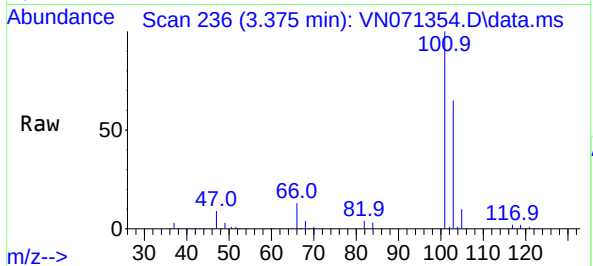




#7
Trichlorofluoromethane
Concen: 77.869 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

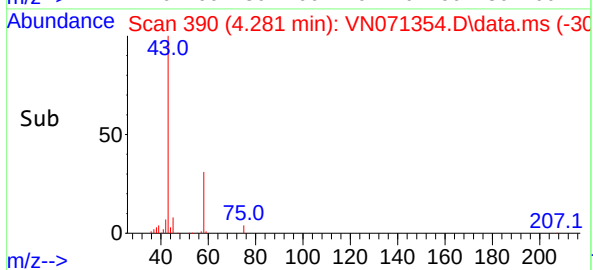
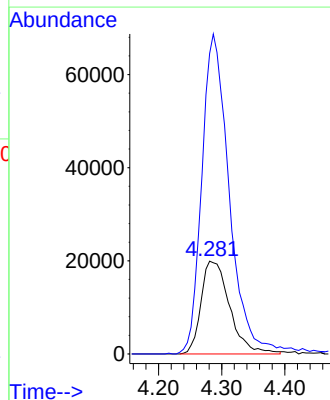
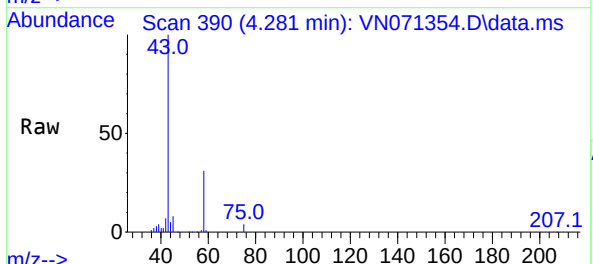
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

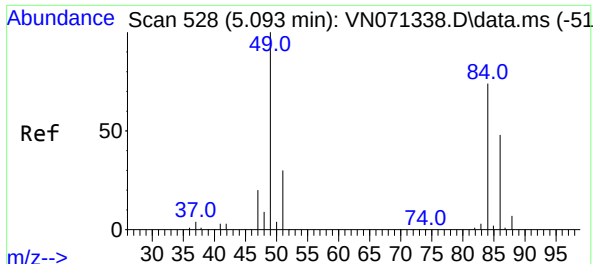
Tgt Ion:101 Resp: 839765
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1



#15
Acetone
Concen: 48.464 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

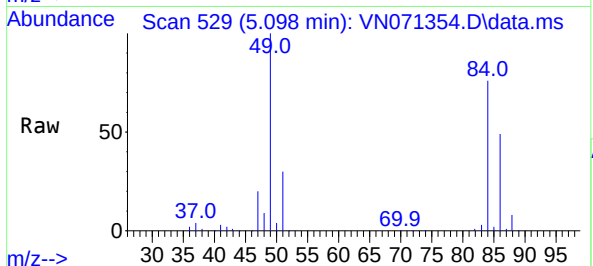
Tgt Ion: 58 Resp: 62731
Ion Ratio Lower Upper
58 100
43 321.9 256.6 384.8





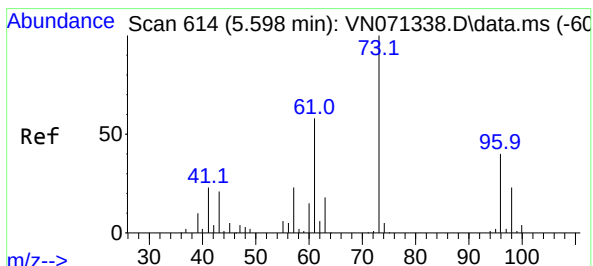
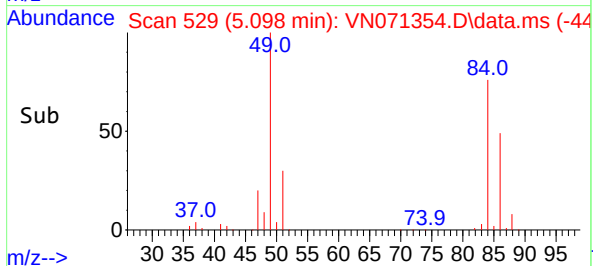
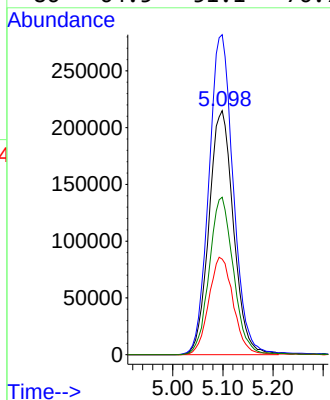
#18
Methylene Chloride
Concen: 97.102 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP



Tgt Ion: 84 Resp: 730670

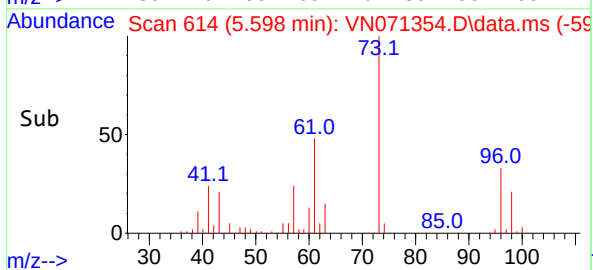
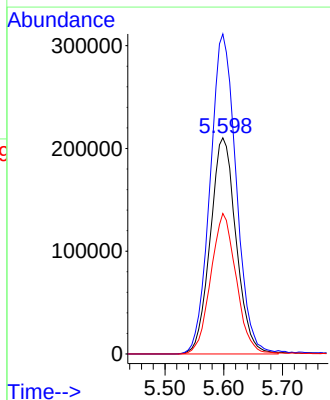
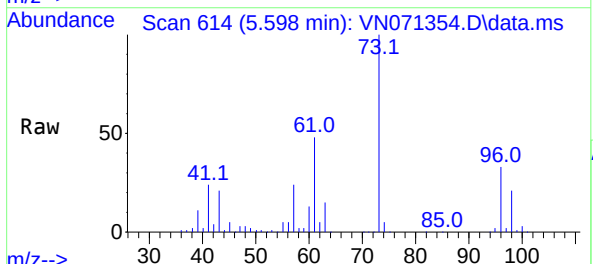
Ion	Ratio	Lower	Upper
84	100		
49	131.1	91.4	137.0
51	39.1	29.4	44.0
86	64.5	51.1	76.7

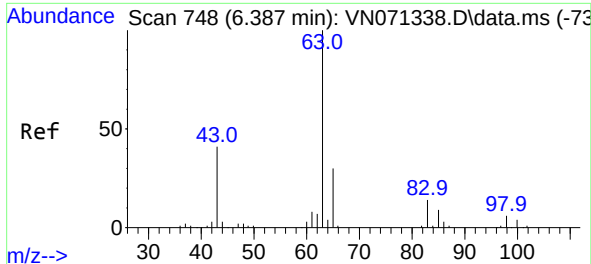


#19
trans-1,2-Dichloroethene
Concen: 99.123 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 96 Resp: 642925

Ion	Ratio	Lower	Upper
96	100		
61	148.0	102.8	154.2
98	65.0	49.3	73.9

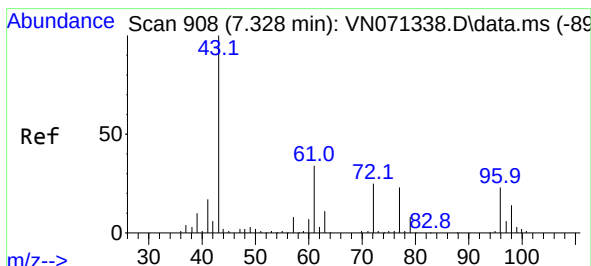
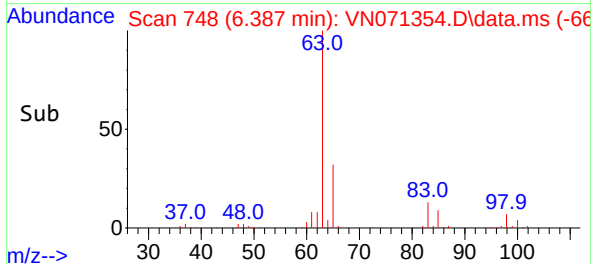
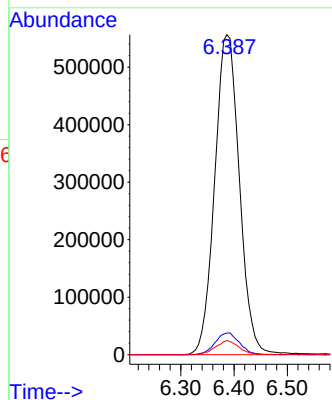
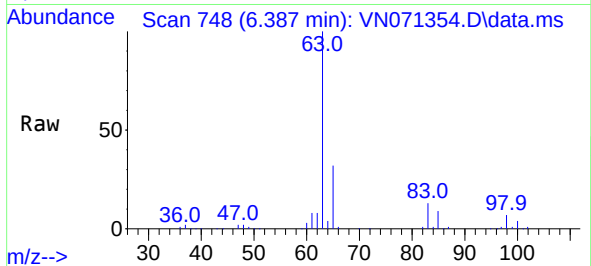




#21
1,1-Dichloroethane
Concen: 131.336 ug/l
RT: 6.387 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

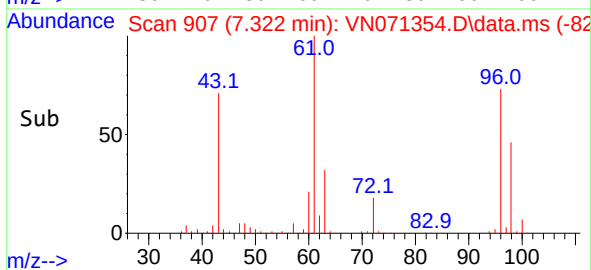
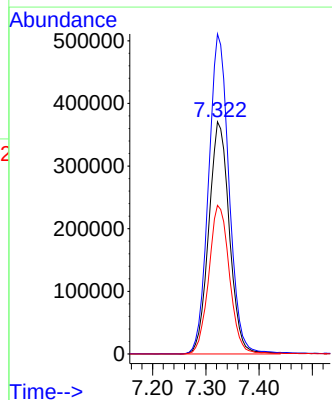
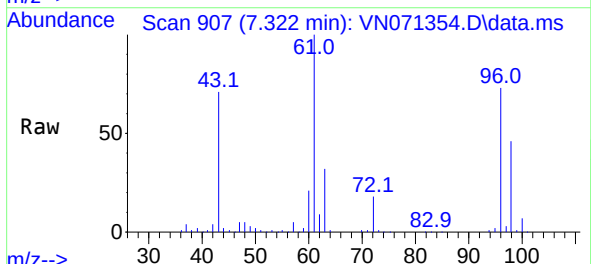
Instrument :
MSVOA_N
ClientSampleId :
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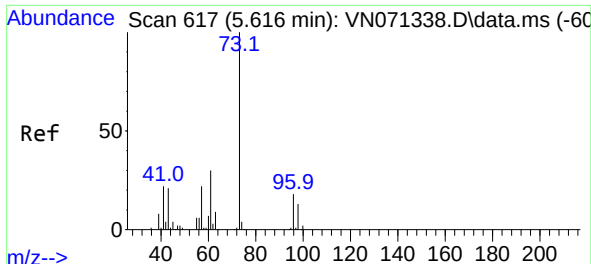
Tgt Ion: 63 Resp: 1788873
Ion Ratio Lower Upper
63 100
98 6.8 3.2 9.6
100 4.4 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 126.694 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 96 Resp: 996067
Ion Ratio Lower Upper
96 100
61 136.8 115.7 173.5
98 64.3 51.6 77.4

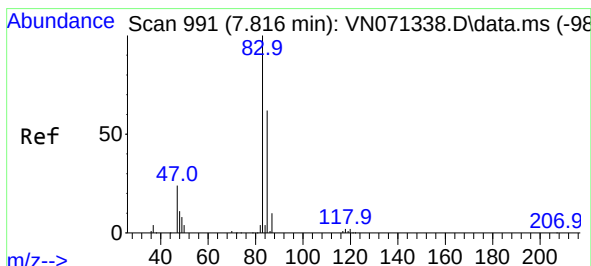
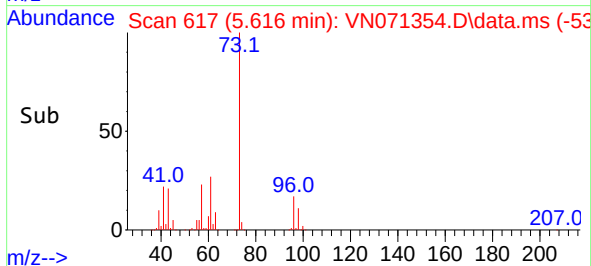
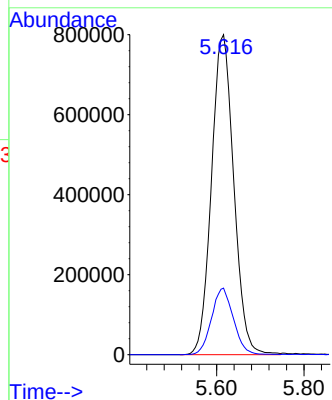
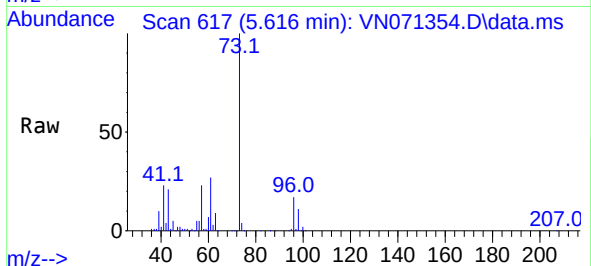




#24
Methyl tert-Butyl Ether
Concen: 120.135 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

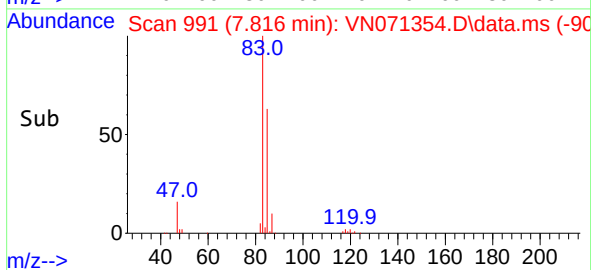
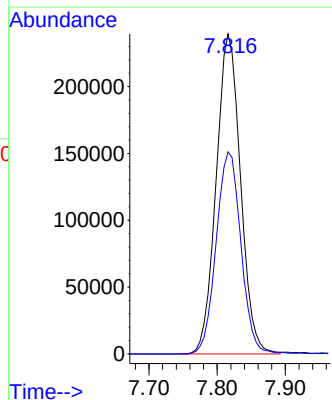
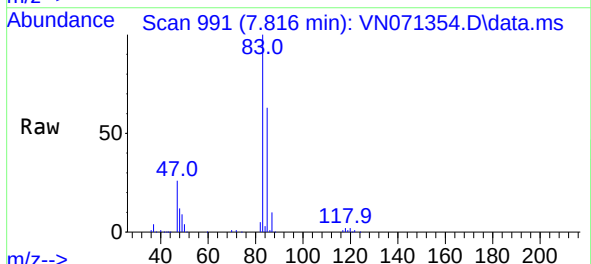
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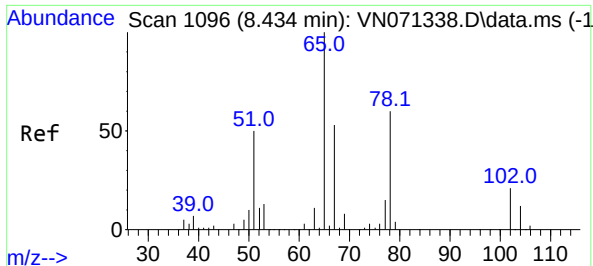
Tgt Ion: 73 Resp: 2829629
Ion Ratio Lower Upper
73 100
43 20.4 18.1 27.1



#25
Chloroform
Concen: 45.500 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 83 Resp: 595189
Ion Ratio Lower Upper
83 100
85 63.1 51.3 76.9

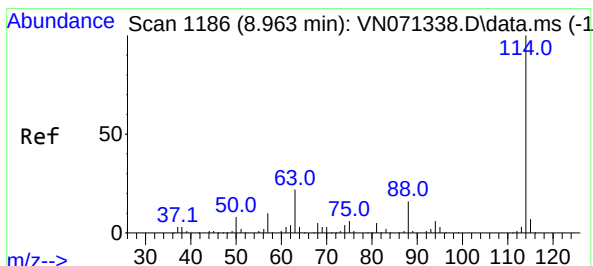
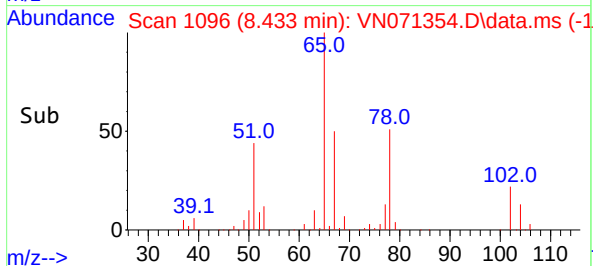
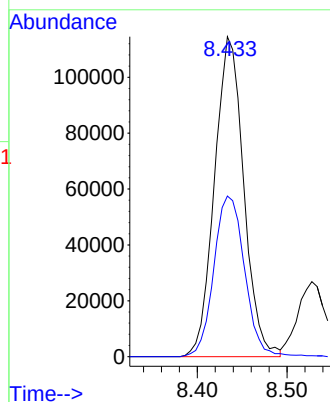
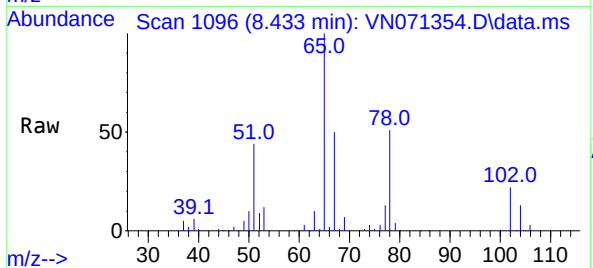




#27
1,2-Dichloroethane-d4
Concen: 30.228 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

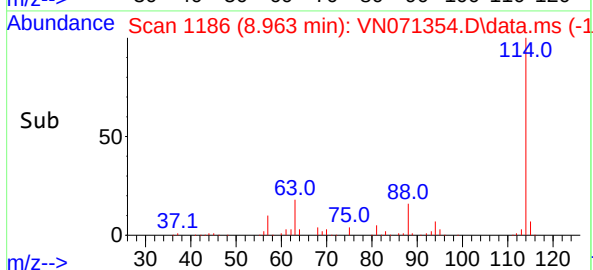
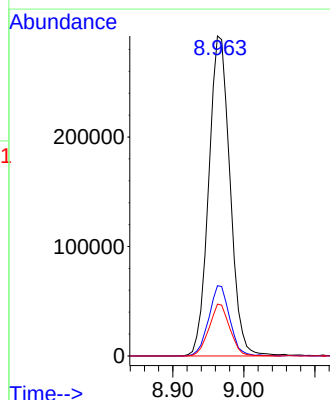
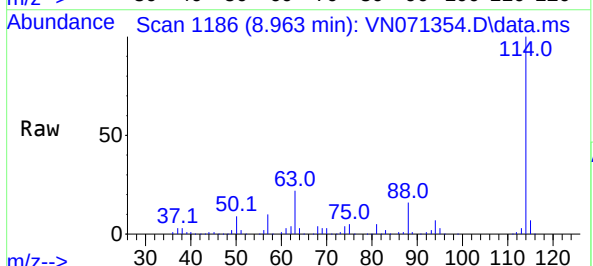
Instrument :
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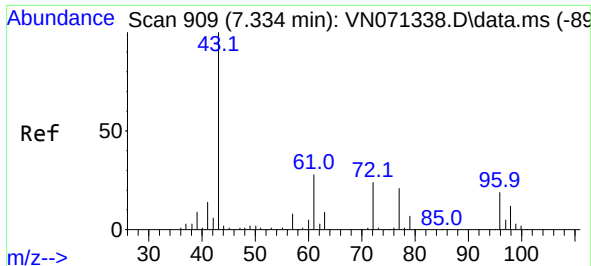
Tgt Ion: 65 Resp: 259053
Ion Ratio Lower Upper
65 100
67 52.7 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 114 Resp: 609059
Ion Ratio Lower Upper
114 100
63 21.5 15.8 23.6
88 15.7 11.6 17.4

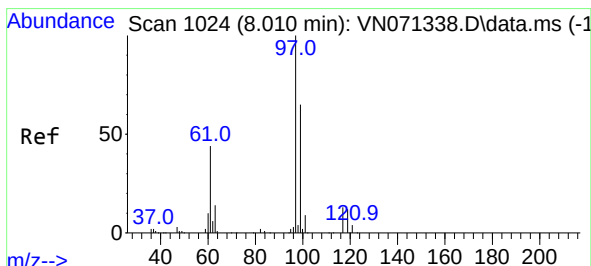
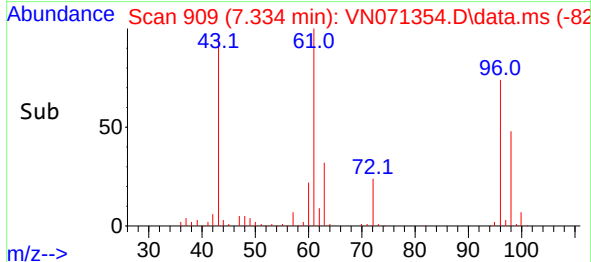
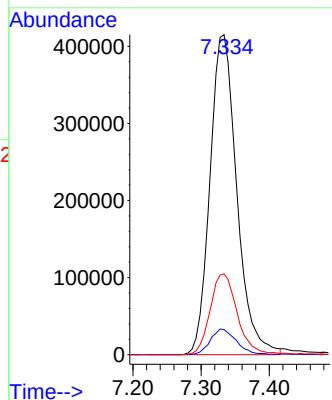
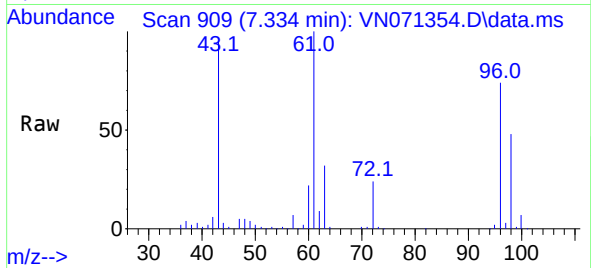




#30
2-Butanone
Concen: 163.734 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

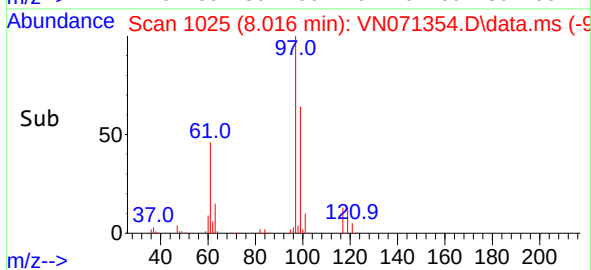
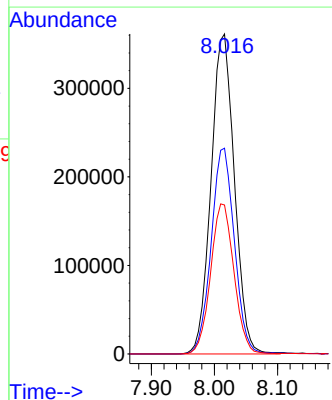
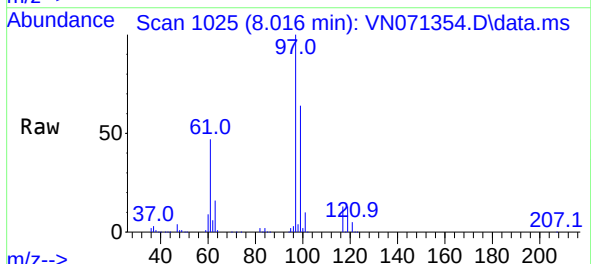
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

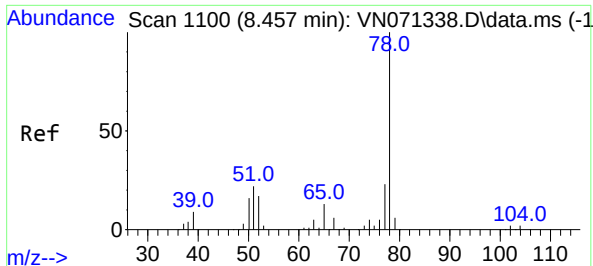
Tgt Ion: 43 Resp: 1136387
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 25.3 23.2 34.8



#32
1,1,1-Trichloroethane
Concen: 81.306 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 97 Resp: 929325
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 46.9 34.6 51.8

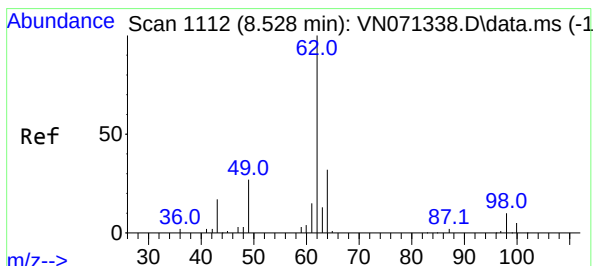
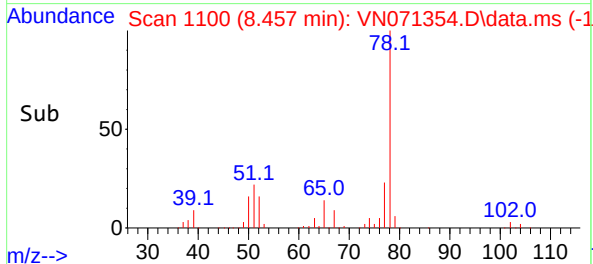
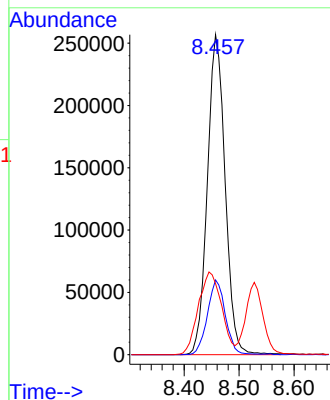
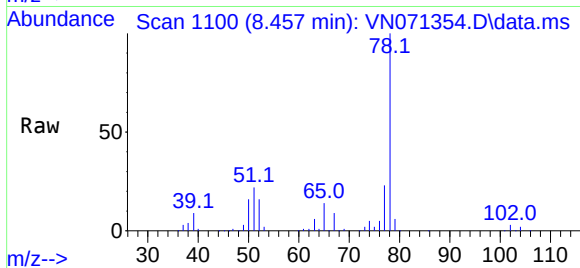




#34
Benzene
Concen: 19.021 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

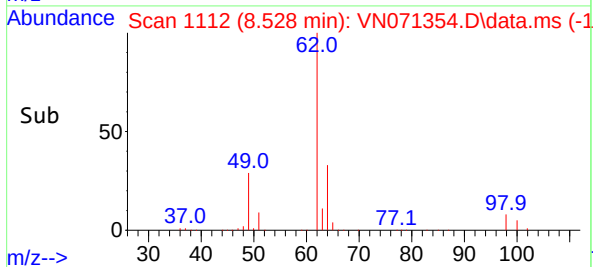
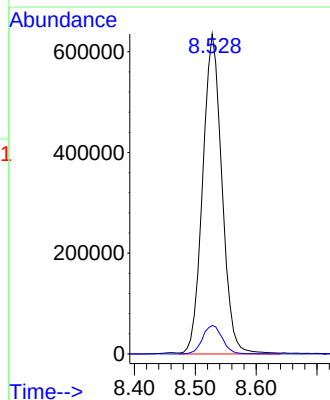
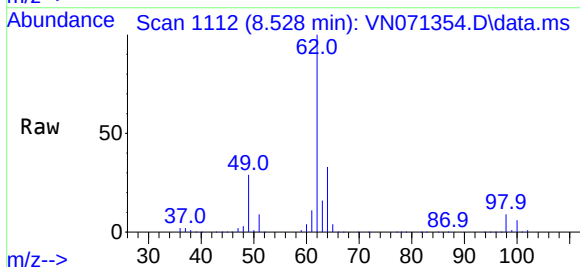
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

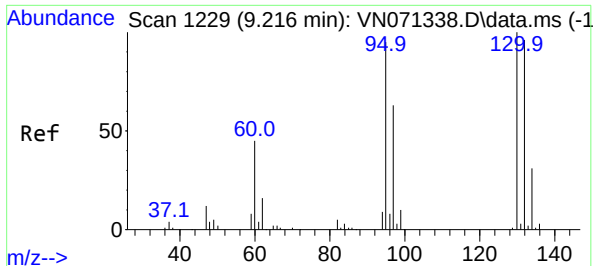
Tgt Ion: 78 Resp: 577076
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
51 22.0 16.0 24.0



#36
1,2-Dichloroethane
Concen: 128.893 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 62 Resp: 1396509
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0

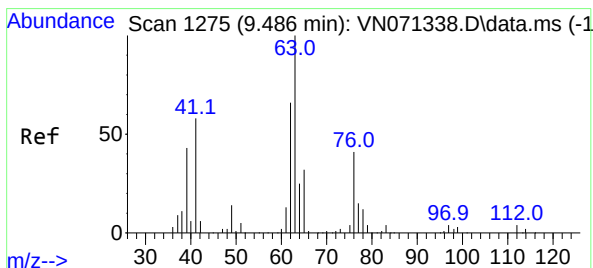
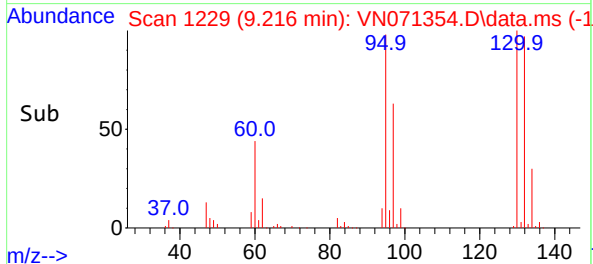
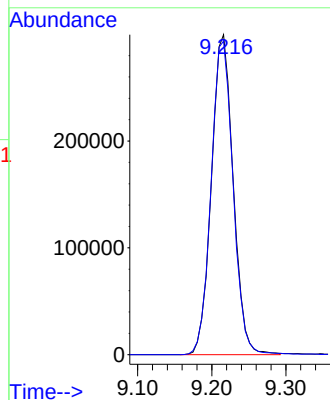
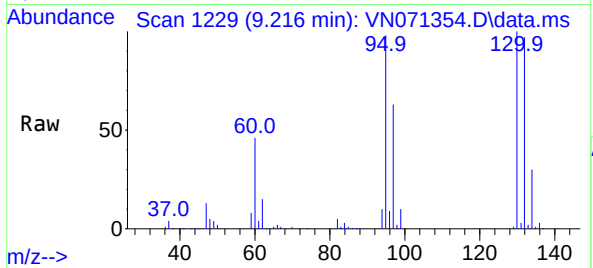




#37
Trichloroethene
Concen: 84.399 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

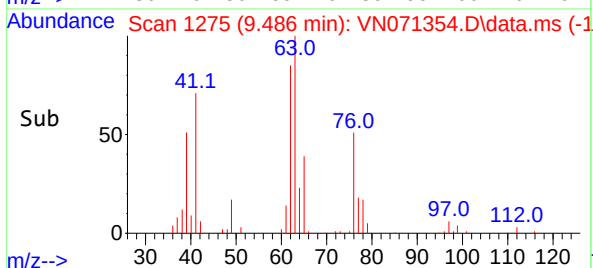
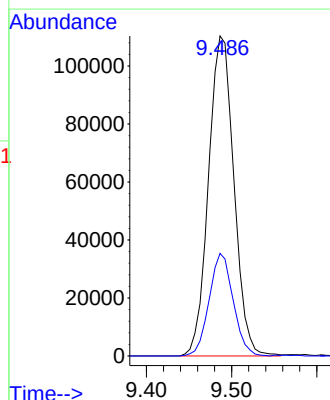
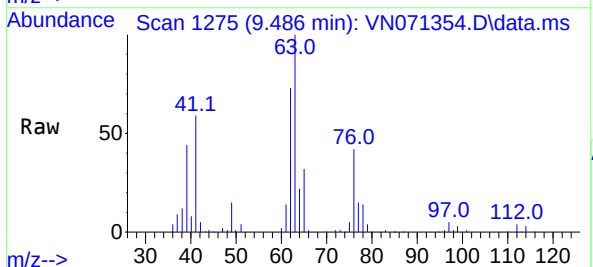
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

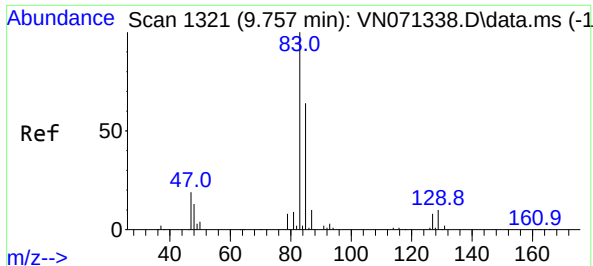
Tgt Ion:130 Resp: 610186
Ion Ratio Lower Upper
130 100
95 98.0 76.6 115.0



#39
1,2-Dichloropropane
Concen: 28.485 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 63 Resp: 229091
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.4

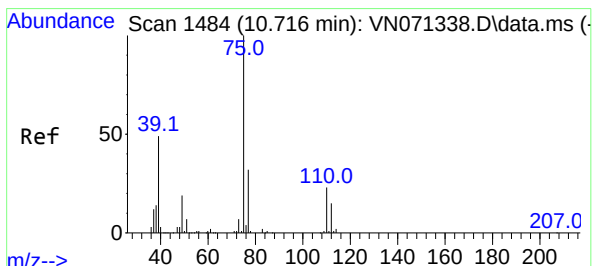
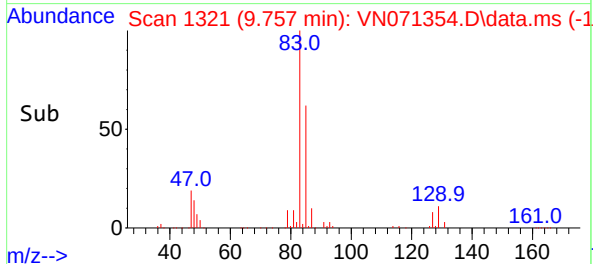
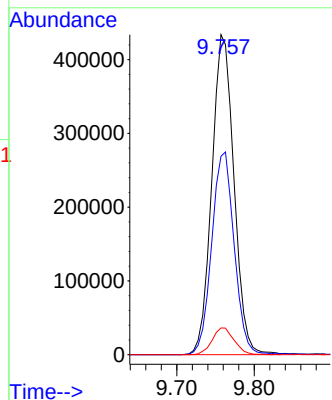
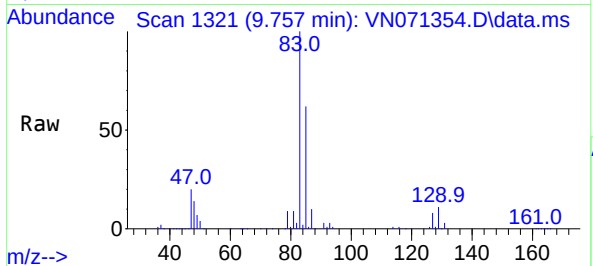




#41
Bromodichloromethane
Concen: 84.042 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

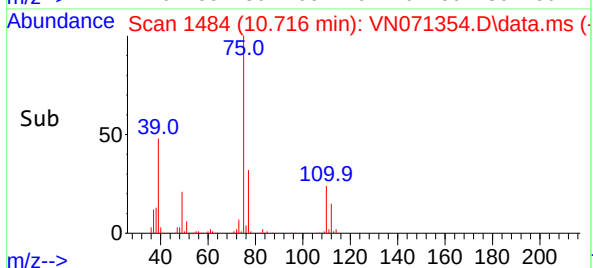
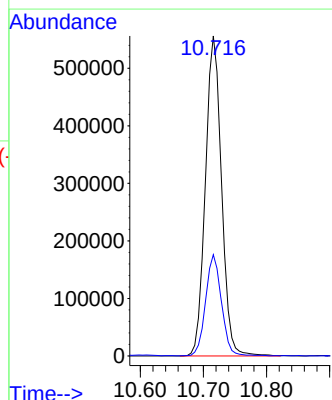
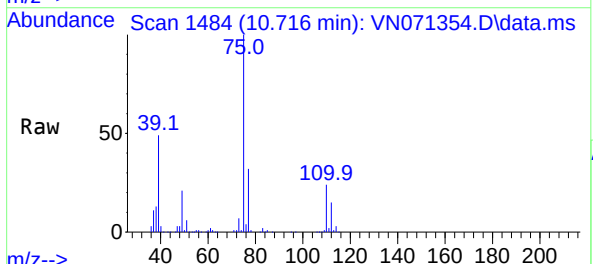
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

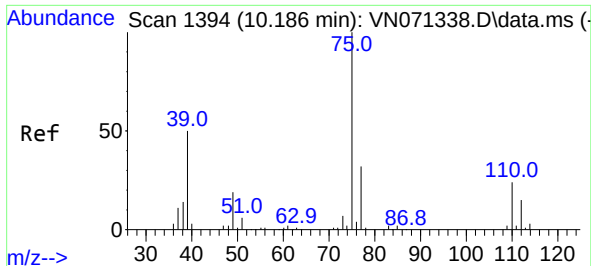
Tgt Ion: 83 Resp: 862127
Ion Ratio Lower Upper
83 100
85 62.0 54.1 81.1
127 8.4 7.6 11.4



#48
t-1,3-Dichloropropene
Concen: 88.512 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 75 Resp: 988975
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



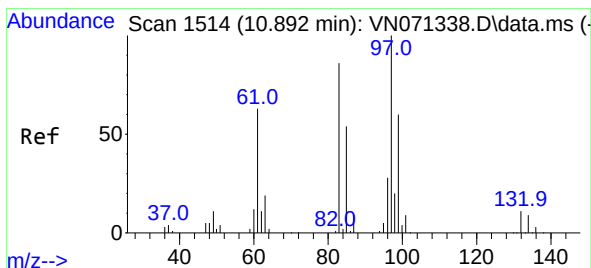
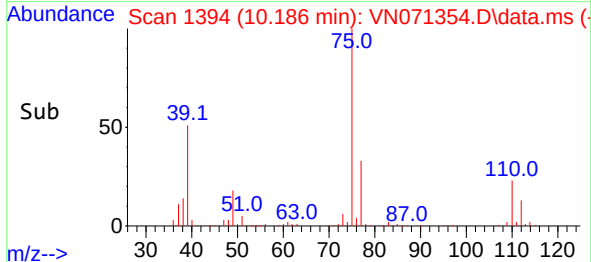
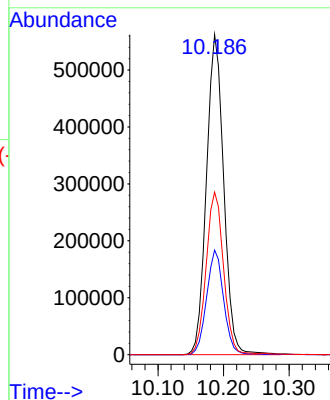
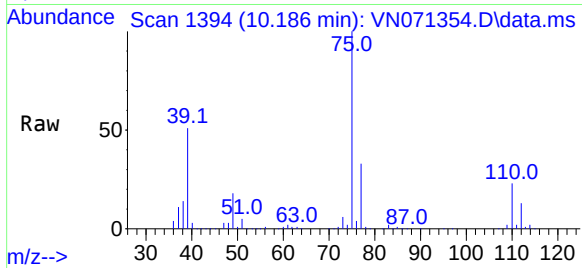


#49
 cis-1,3-Dichloropropene
 Concen: 85.400 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071354.D
 Acq: 17 Mar 2022 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Tgt Ion: 75 Resp: 1031705

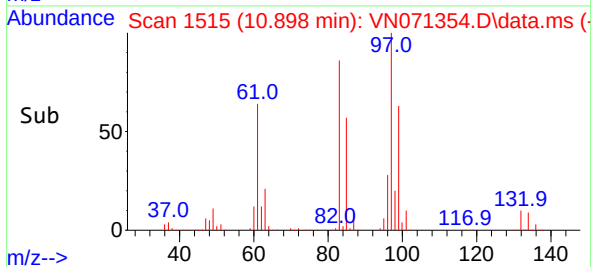
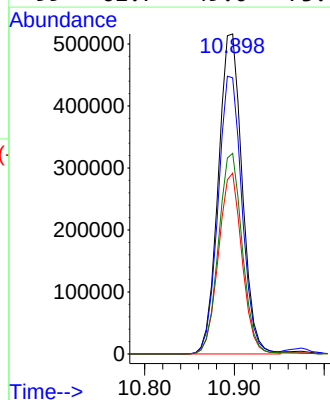
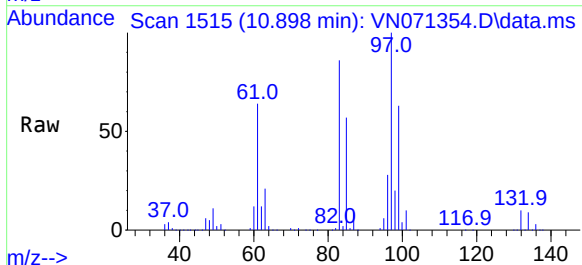
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.3	37.9
39	50.8	46.2	69.4

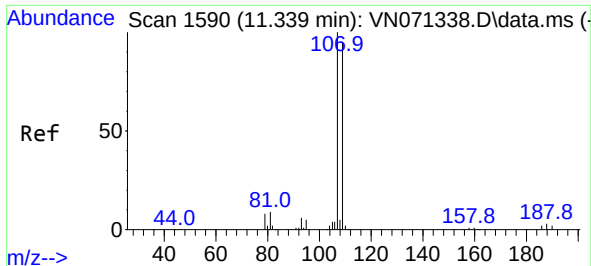


#50
 1,1,2-Trichloroethane
 Concen: 128.788 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN071354.D
 Acq: 17 Mar 2022 16:22

Tgt Ion: 97 Resp: 954163

Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.2	100.8
85	56.5	43.0	64.4
99	62.7	49.0	73.4

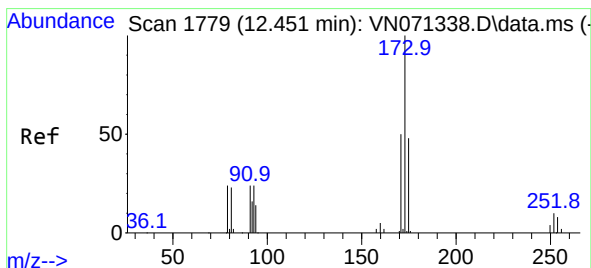
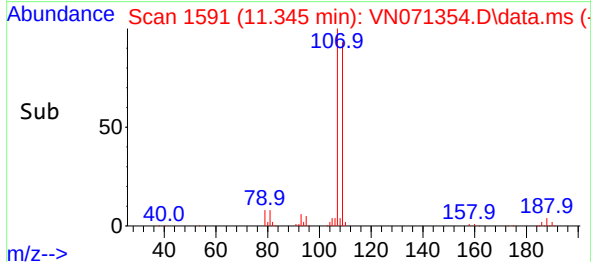
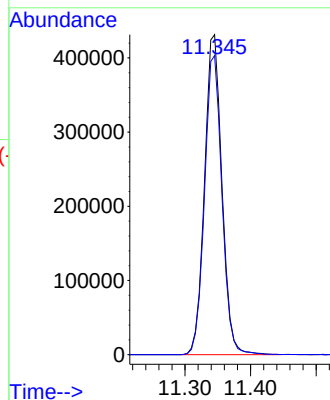
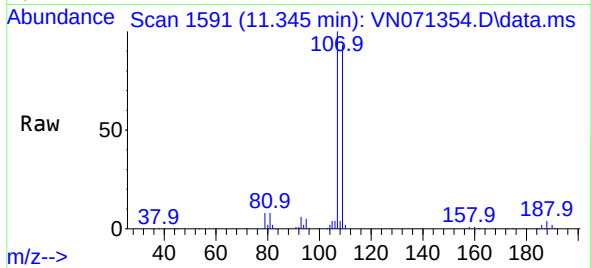




#54
1,2-Dibromoethane
Concen: 103.883 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

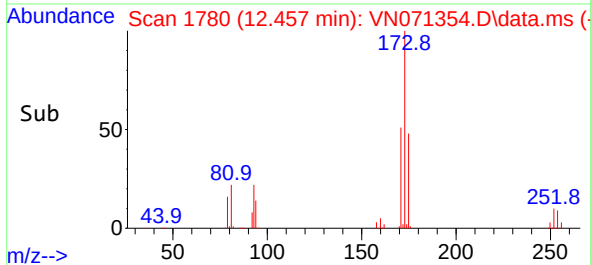
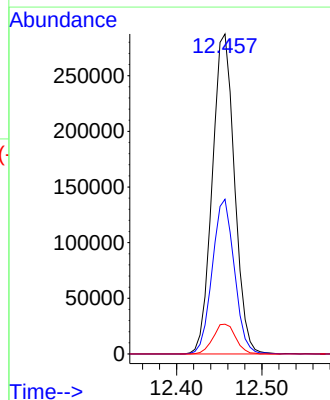
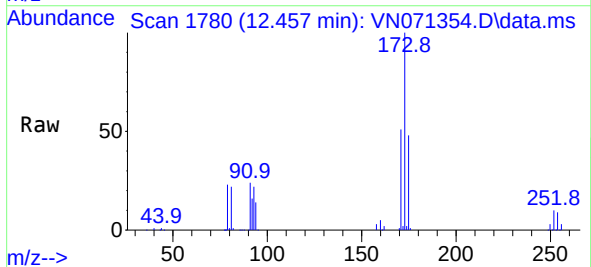
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

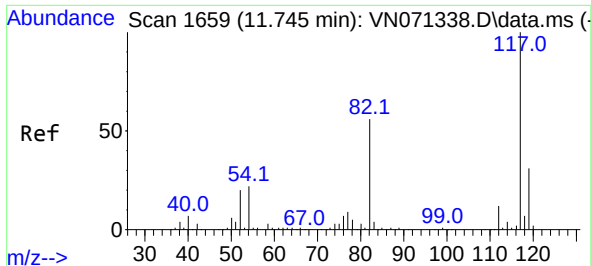
Tgt Ion:107 Resp: 798039
Ion Ratio Lower Upper
107 100
109 93.4 72.8 109.2



#56
Bromoform
Concen: 87.391 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:173 Resp: 520550
Ion Ratio Lower Upper
173 100
175 48.0 38.6 58.0
254 9.5 0.0 0.0#

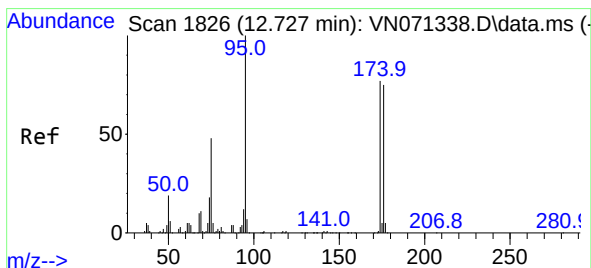
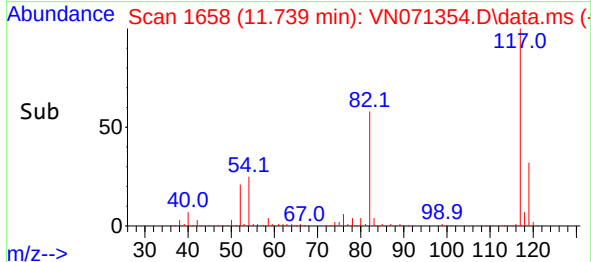
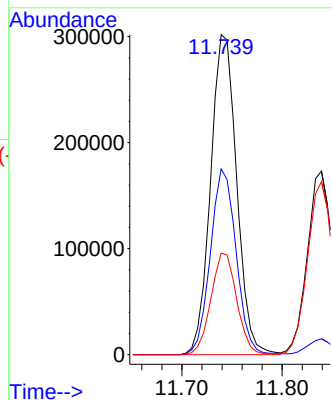
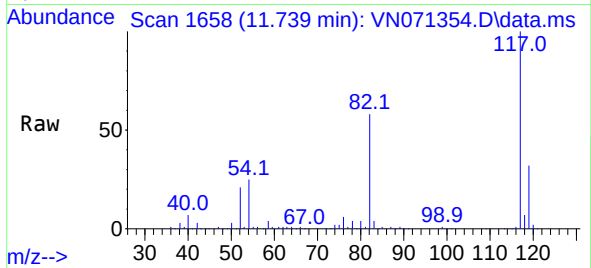




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

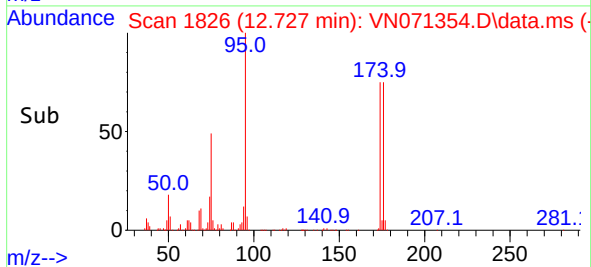
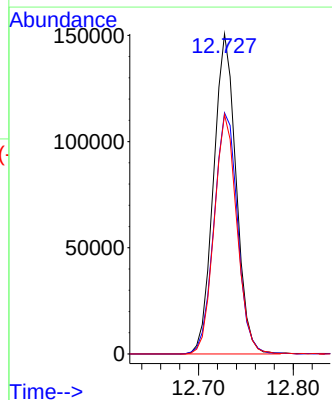
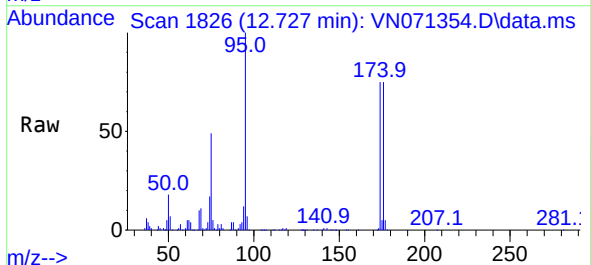
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

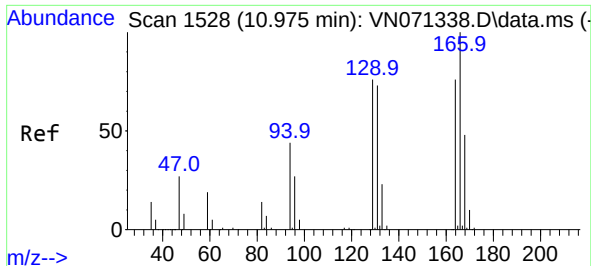
Tgt Ion:117 Resp: 545616
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 31.5 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 29.538 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

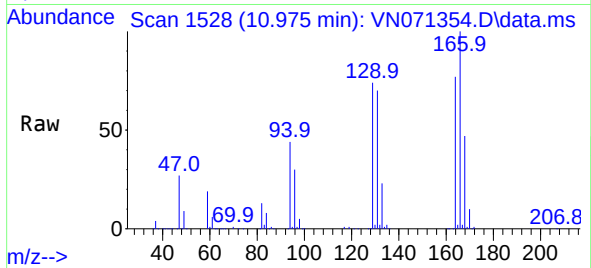
Tgt Ion: 95 Resp: 248986
Ion Ratio Lower Upper
95 100
174 78.5 62.9 94.3
176 75.5 61.0 91.4



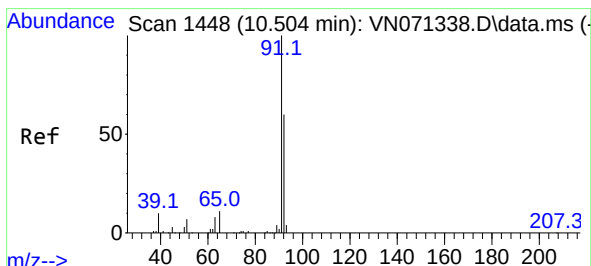
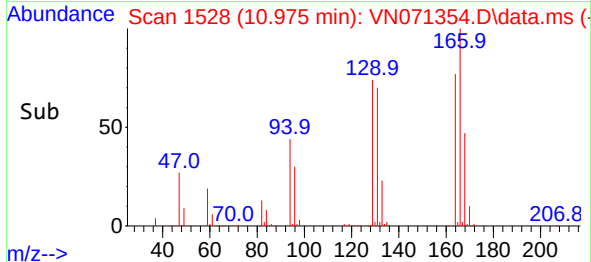
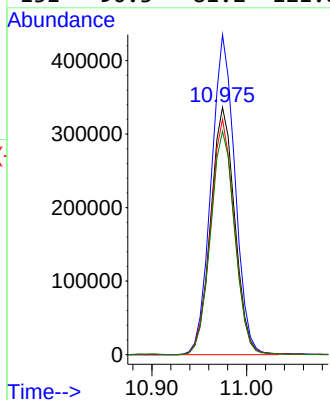


#61
Tetrachloroethene
Concen: 99.860 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

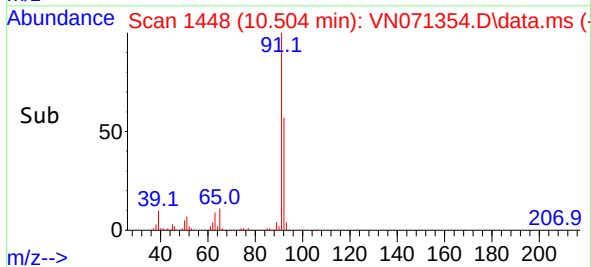
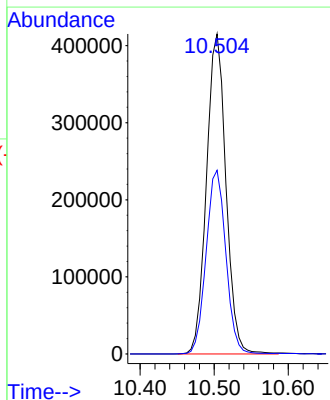
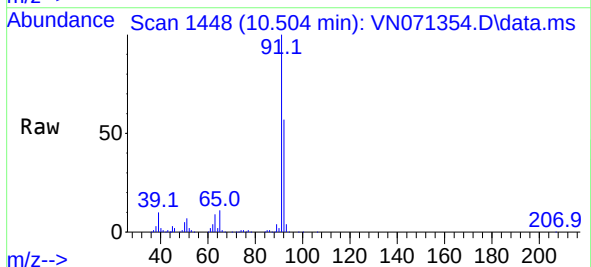


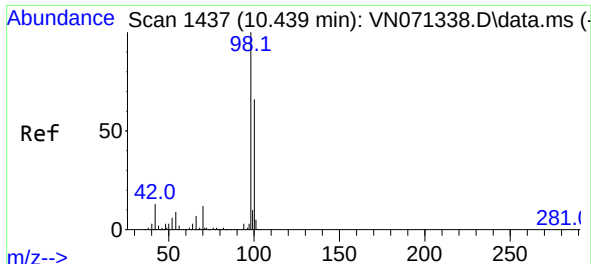
Tgt Ion:164 Resp: 594378
Ion Ratio Lower Upper
164 100
166 129.3 105.8 158.8
129 95.1 82.5 123.7
131 90.3 81.2 121.8



#62
Toluene
Concen: 24.313 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 91 Resp: 758469
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0

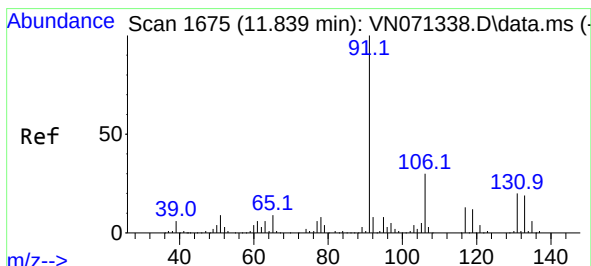
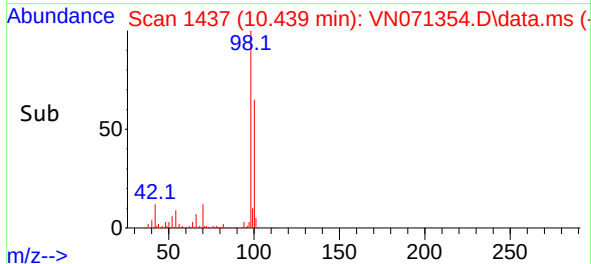
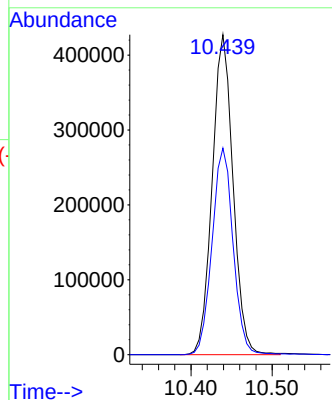
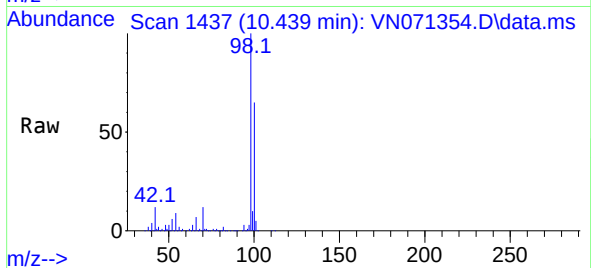




#63
Toluene-d8
Concen: 30.353 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

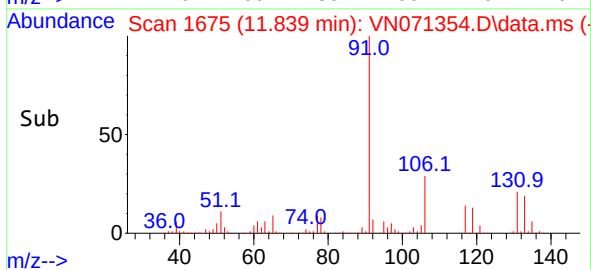
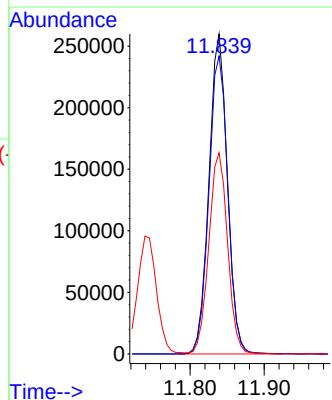
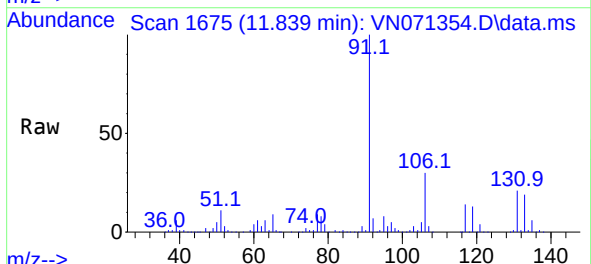
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

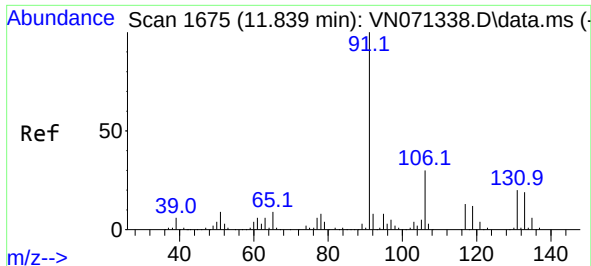
Tgt Ion: 98 Resp: 761844
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0



#65
1,1,1,2-Tetrachloroethane
Concen: 63.702 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:131 Resp: 447145
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.2
119 64.2 0.0 128.8

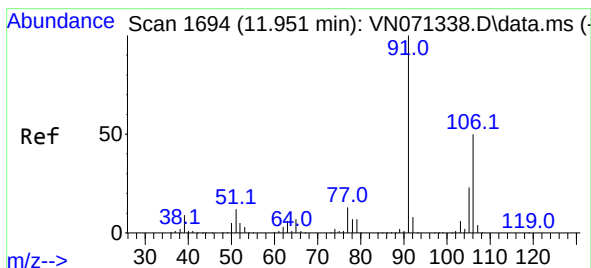
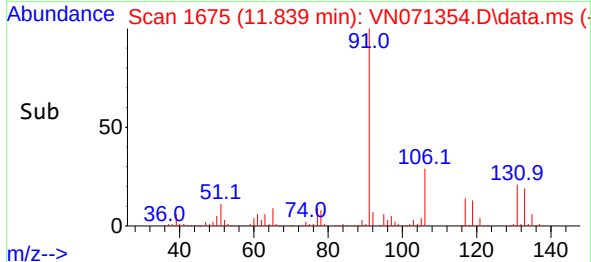
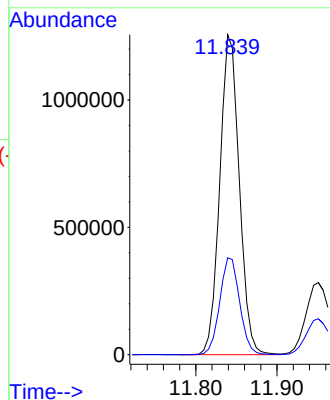
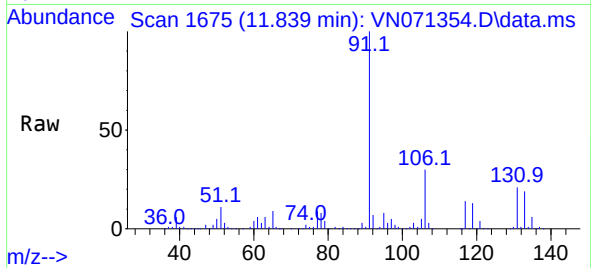




#66
Ethyl Benzene
Concen: 61.023 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

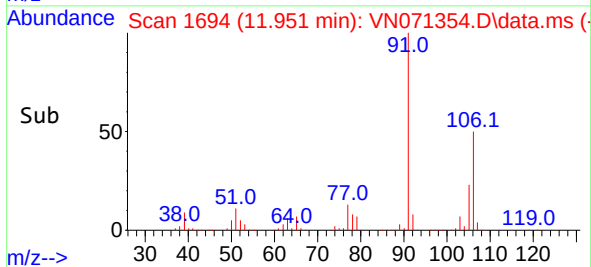
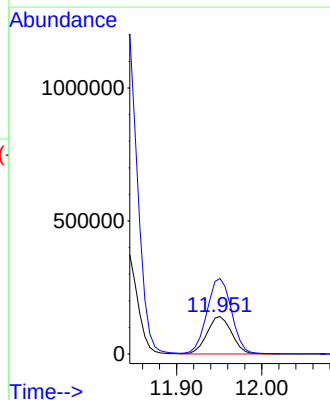
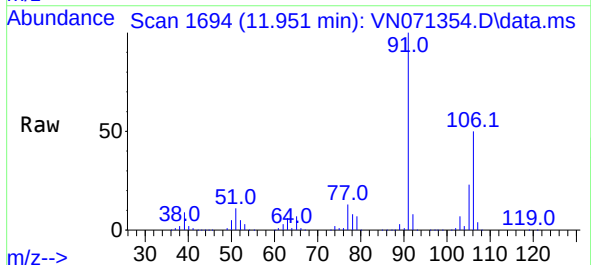
Instrument :
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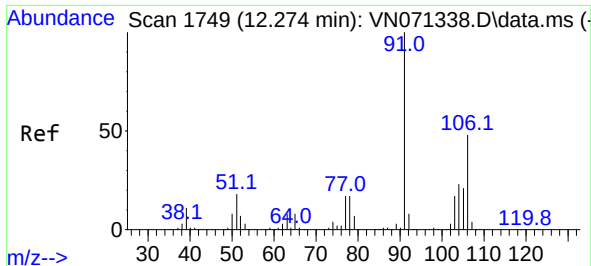
Tgt Ion: 91 Resp: 2097850
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#67
m/p-Xylenes
Concen: 21.864 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:106 Resp: 282453
Ion Ratio Lower Upper
106 100
91 201.7 162.9 244.3

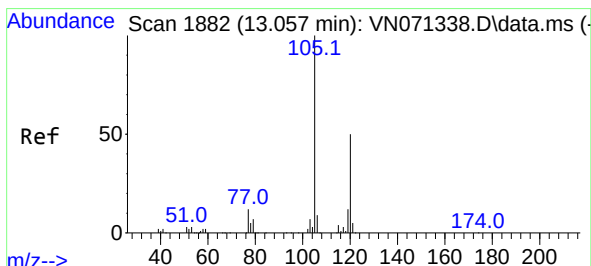
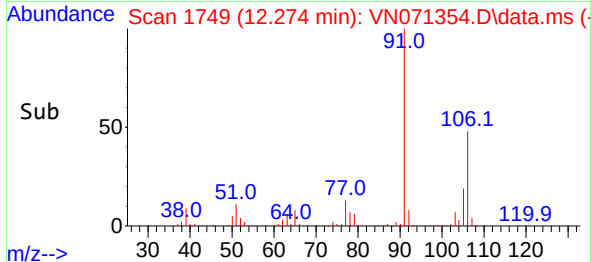
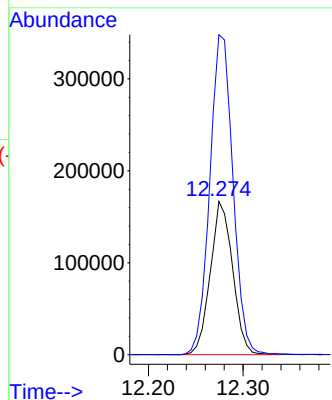
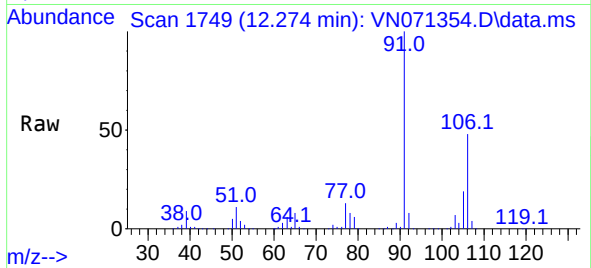




#68
o-Xylene
Concen: 21.032 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

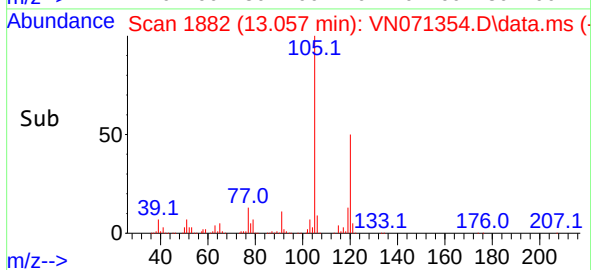
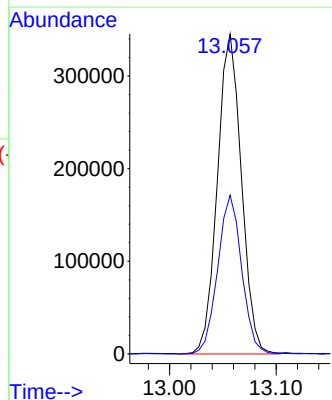
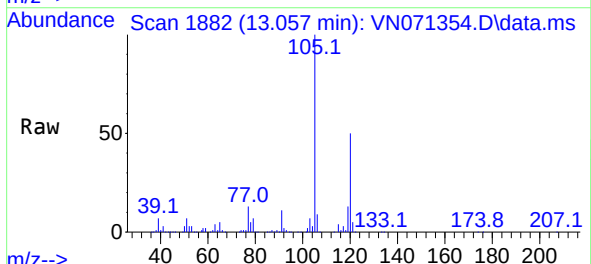
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

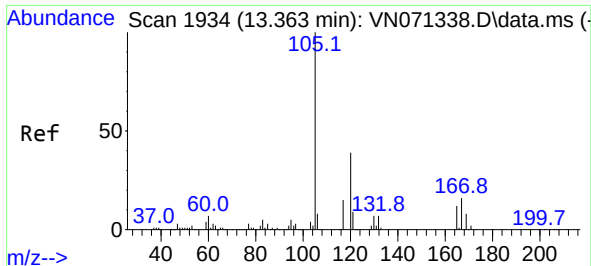
Tgt Ion:106 Resp: 273479
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1



#76
1,3,5-Trimethylbenzene
Concen: 20.702 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:105 Resp: 540448
Ion Ratio Lower Upper
105 100
120 49.5 0.0 93.8

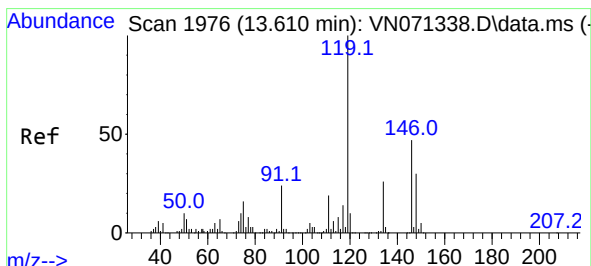
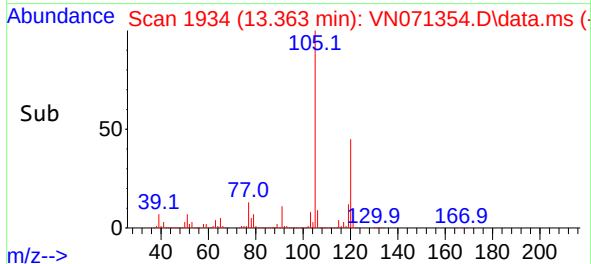
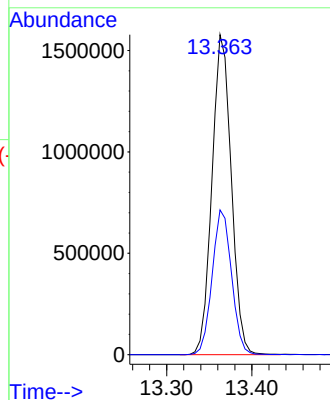
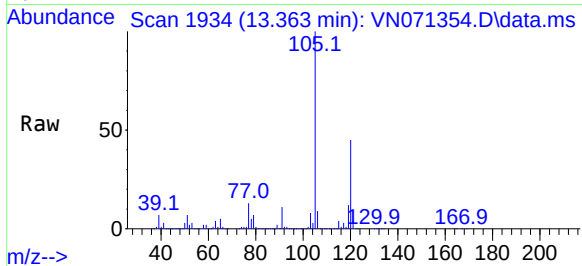




#80
1,2,4-Trimethylbenzene
Concen: 98.081 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

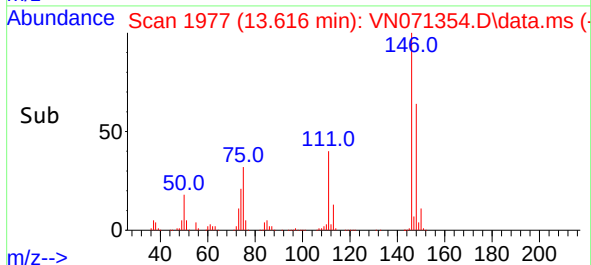
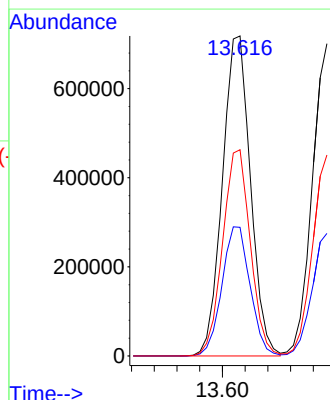
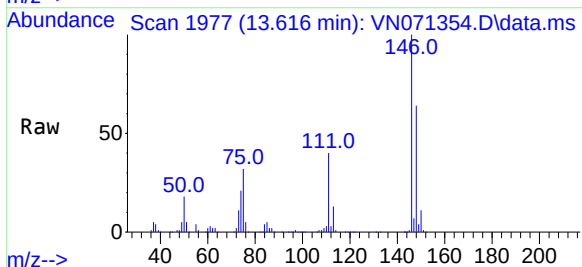
Instrument :
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ClientSampleId :
PT-VOA-WP

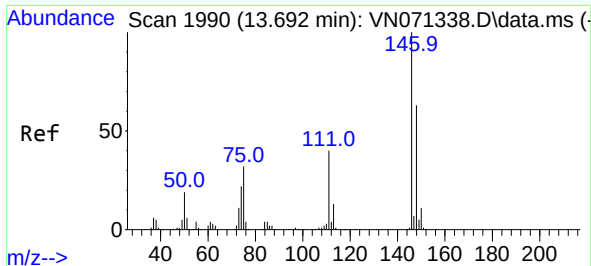
Tgt Ion:105 Resp: 2483934
Ion Ratio Lower Upper
105 100
120 45.5 0.0 0.2#



#83
1,3-Dichlorobenzene
Concen: 98.003 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:146 Resp: 1232133
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.2
148 63.7 31.4 94.3

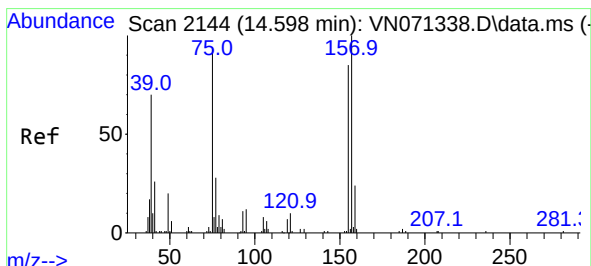
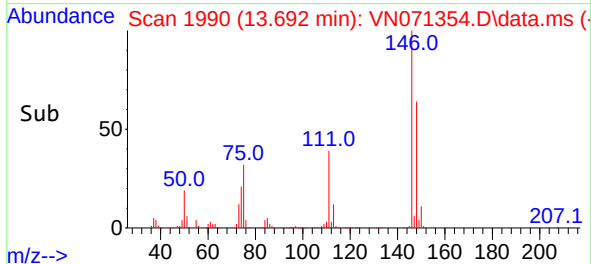
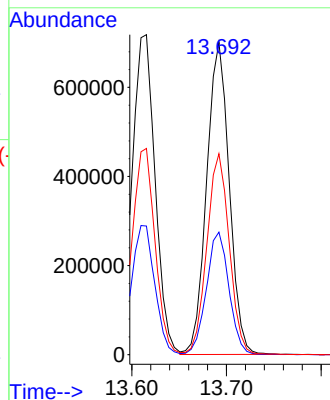
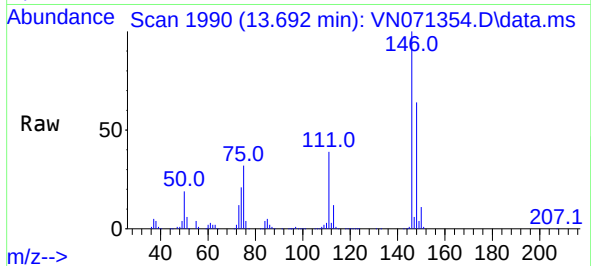




#84
1,4-Dichlorobenzene
Concen: 96.769 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

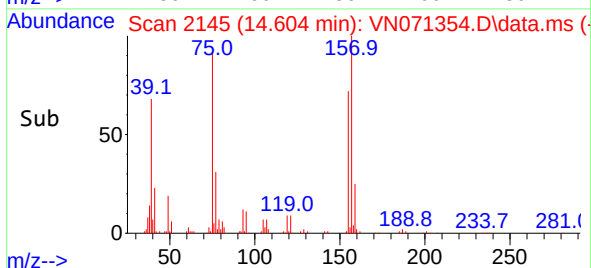
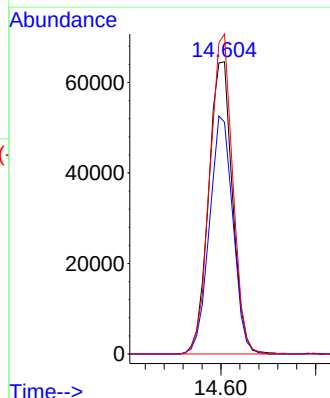
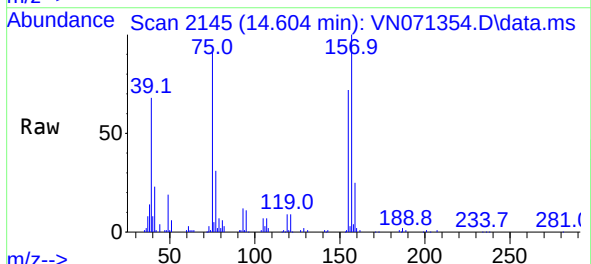
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

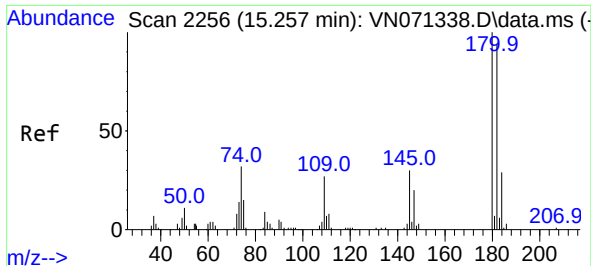
Tgt Ion:146 Resp: 1158242
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.1 31.1 93.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 51.827 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion: 75 Resp: 113563
Ion Ratio Lower Upper
75 100
155 79.9 63.8 95.8
157 105.2 77.9 116.9

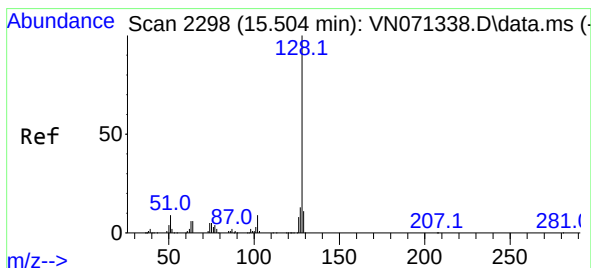
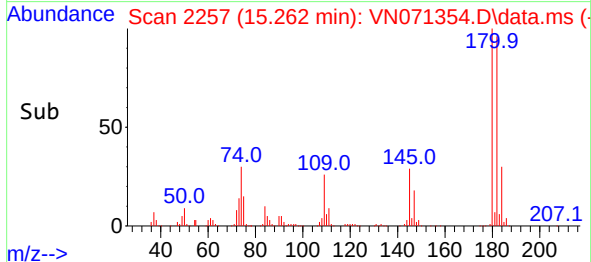
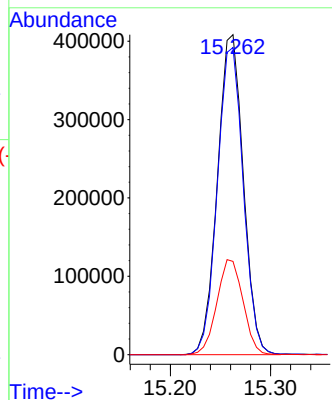
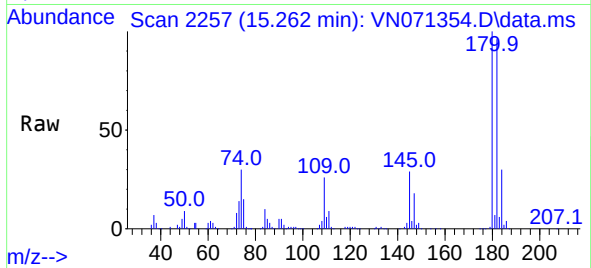




#89
1,2,4-Trichlorobenzene
Concen: 129.823 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion:180 Resp: 733120
Ion Ratio Lower Upper
180 100
182 95.9 77.7 116.5
145 29.9 26.6 39.8



#91
Naphthalene
Concen: 65.100 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071354.D
Acq: 17 Mar 2022 16:22

Tgt Ion:128 Resp: 1150658
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

