

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077179.D
 Acq On : 24 Mar 2023 15:01
 Operator : JC\MD
 Sample : 01950-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 24 23:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	41419	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	296897	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	330517	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	133535	31.746	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.833%
60) 4-Bromofluorobenzene	12.848	95	170656	28.741	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.800%
63) Toluene-d8	10.572	98	356387	30.206	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.378	50	5398	1.244	ug/l	97
5) Bromomethane	2.978	94	513858	119.763	ug/l	91
7) Trichlorofluoromethane	3.513	101	503128	57.117	ug/l	96
10) 1,1-Dichloroethene	4.354	96	205526	47.688	ug/l	94
15) Acetone	4.437	58	50345	68.299	ug/l	91
18) Methylene Chloride	5.295	84	108813	20.543	ug/l	90
19) trans-1,2-Dichloroethene	5.801	96	389145	84.279	ug/l	92
22) cis-1,2-Dichloroethene	7.495	96	196003	35.953	ug/l	93
24) Methyl tert-Butyl Ether	5.807	73	759261	49.620	ug/l	99
25) Chloroform	7.972	83	720273	76.147	ug/l	99
30) 2-Butanone	7.489	43	727346	175.054	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	315012	36.275	ug/l	98
33) Carbon Tetrachloride	8.372	117	402753	55.208	ug/l	95
34) Benzene	8.613	78	2150140	97.392	ug/l	96
37) Trichloroethene	9.354	130	4502	0.902	ug/l	97
41) Bromodichloromethane	9.889	83	493232	64.088	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	144411	18.473	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	838493	97.975	ug/l	96
53) Dibromochloromethane	11.360	129	416716	75.861	ug/l	99
54) 1,2-Dibromoethane	11.471	107	175408	33.598	ug/l	98
56) Bromoform	12.577	173	4071	1.056	ug/l #	82
58) 4-Methyl-2-Pentanone	10.448	43	1403082	164.481	ug/l	98
59) 2-Hexanone	11.201	43	555602	89.328	ug/l	99
61) Tetrachloroethene	11.107	164	196512	47.372	ug/l	93
64) Chlorobenzene	11.895	112	732655	53.310	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	217148	43.024	ug/l	98
66) Ethyl Benzene	11.966	91	2009172	80.495	ug/l	99
67) m/p-Xylenes	12.071	106	846978	88.176	ug/l	96
68) o-Xylene	12.401	106	973610	103.523	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	928552	116.319	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	664475	32.824	ug/l	96
79) tert-butylbenzene	13.483	119	133909	7.743	ug/l	62
80) 1,2,4-Trimethylbenzene	13.483	105	1107073	55.108	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	361559	35.814	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	349927	35.582	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	918106	90.942	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	27703	18.086	ug/l	99
89) 1,2,4-Trichlorobenzene	15.395	180	180816	40.149	ug/l	100

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QLast Update : Fri Mar 24 05:55:38 2023
Response via : Initial Calibration

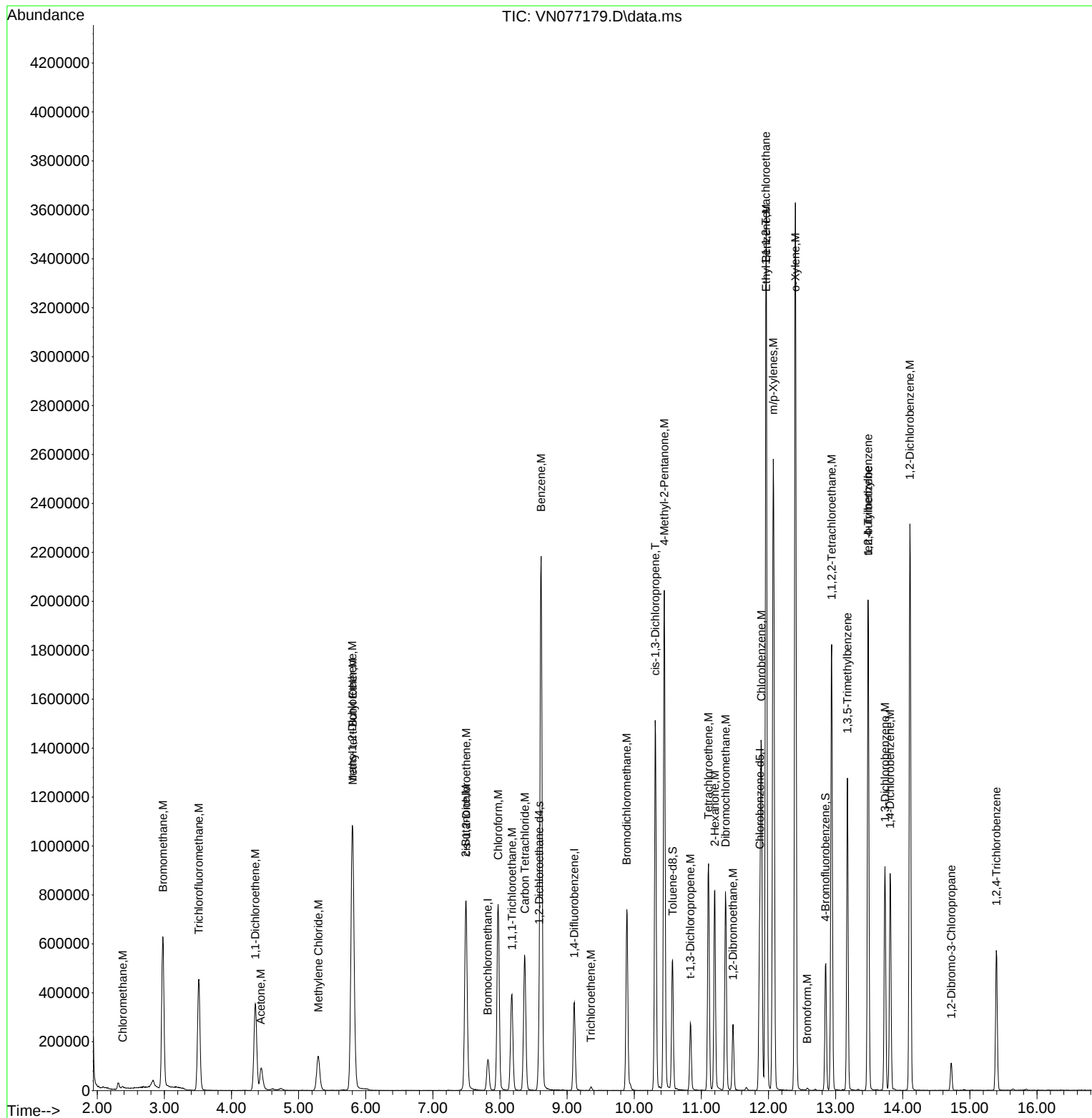
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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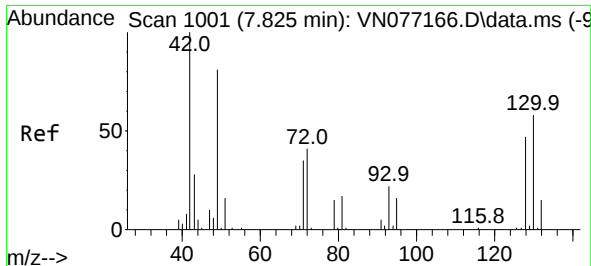
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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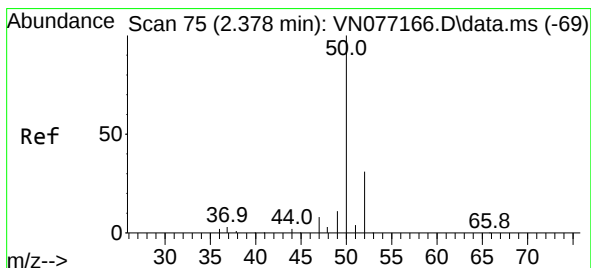
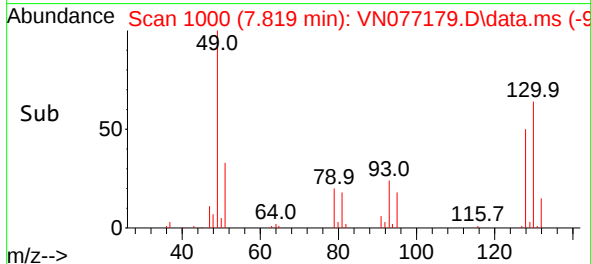
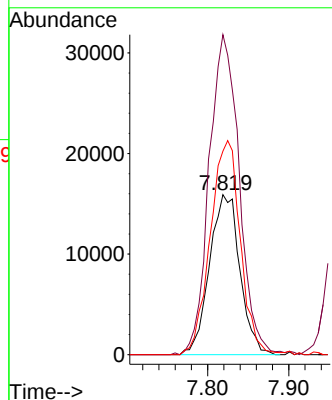
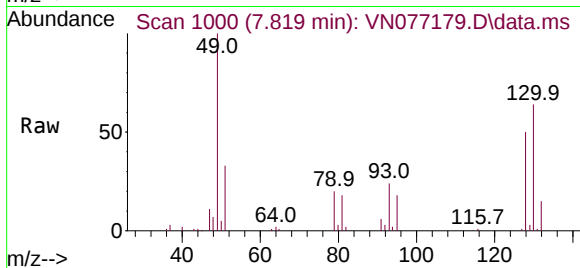




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

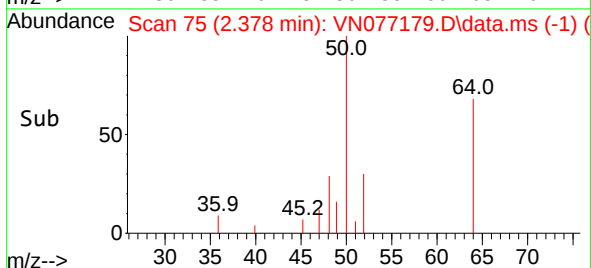
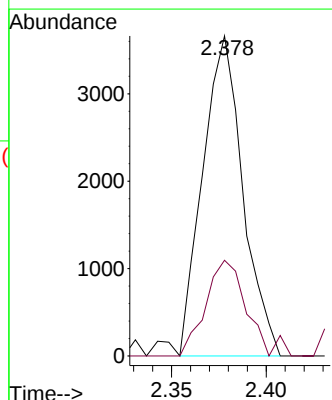
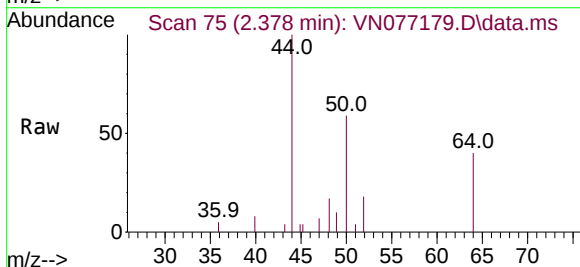
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

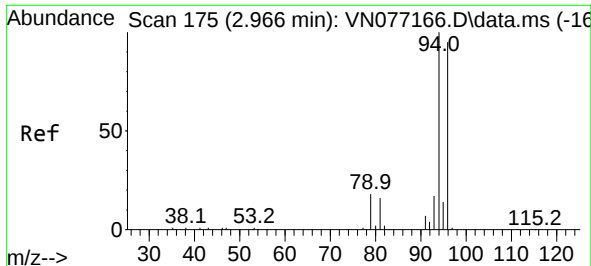
Tgt Ion:128 Resp: 41419
Ion Ratio Lower Upper
128 100
49 197.2 0.0 461.8
130 132.3 0.0 295.3



#3
Chloromethane
Concen: 1.244 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 50 Resp: 5398
Ion Ratio Lower Upper
50 100
52 29.9 25.3 37.9

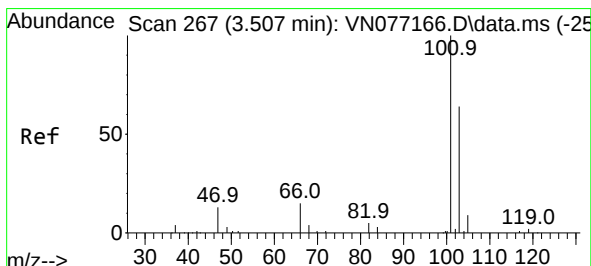
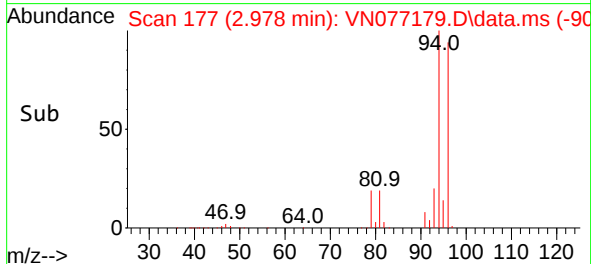
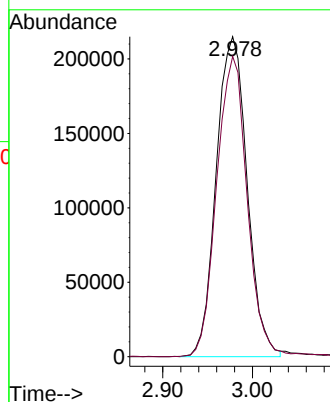
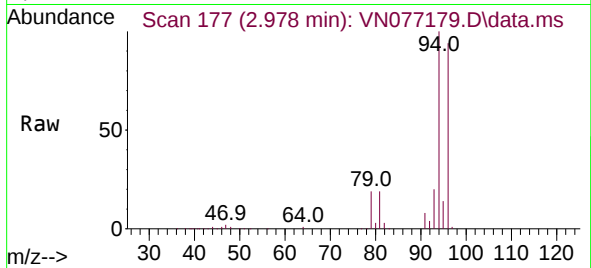




#5
Bromomethane
Concen: 119.763 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

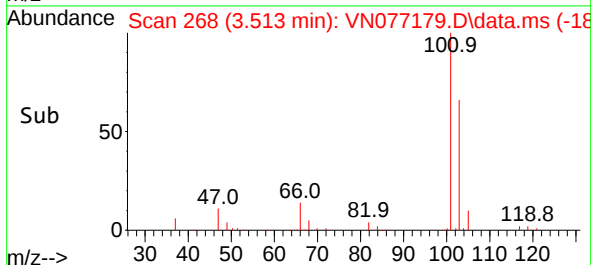
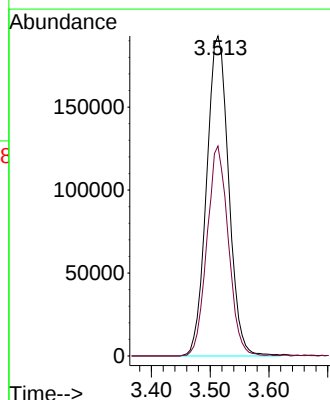
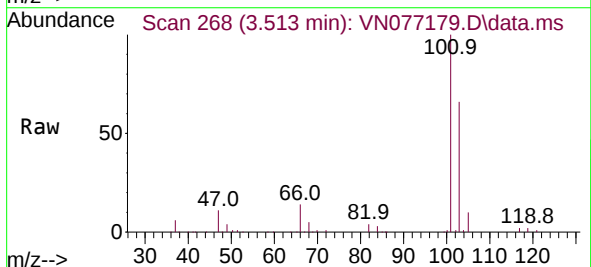
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MSVOA_N
ClientSampleId :
PT-VOA-WP

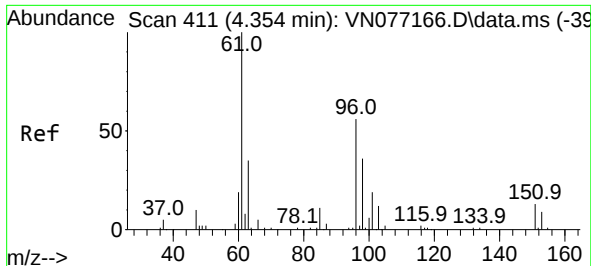
Tgt Ion: 94 Resp: 513858
Ion Ratio Lower Upper
94 100
96 93.8 68.6 103.0



#7
Trichlorofluoromethane
Concen: 57.117 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion:101 Resp: 503128
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.2

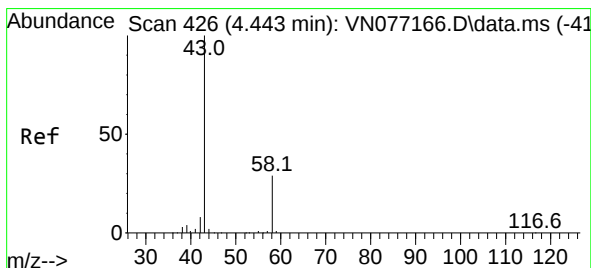
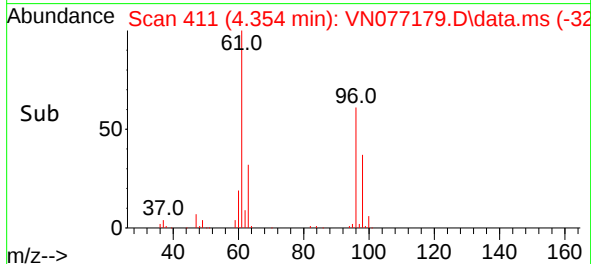
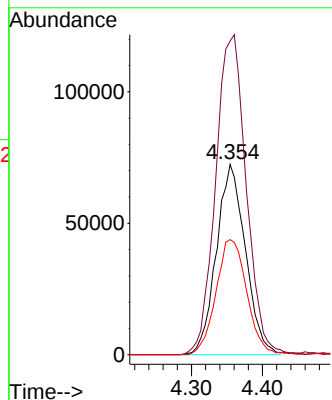
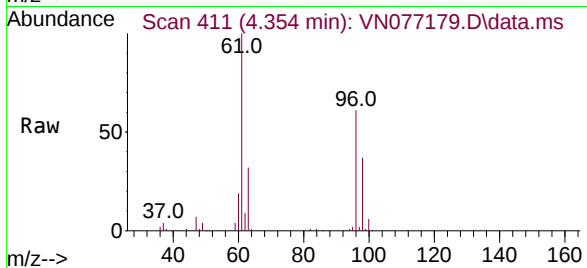




#10
1,1-Dichloroethene
Concen: 47.688 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

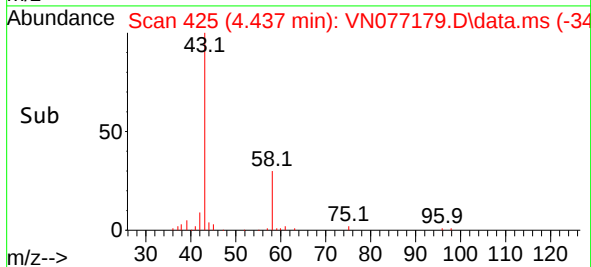
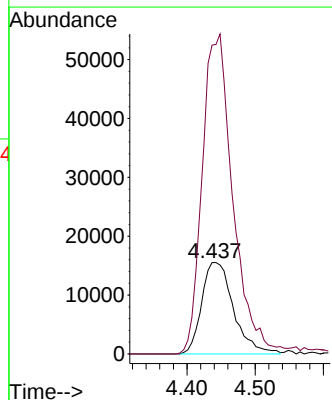
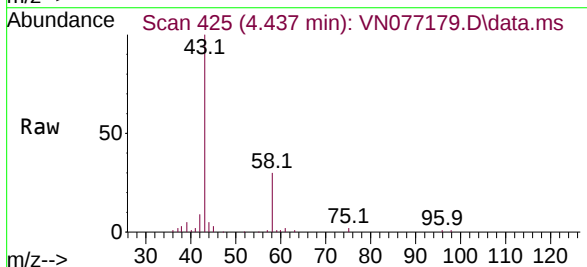
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

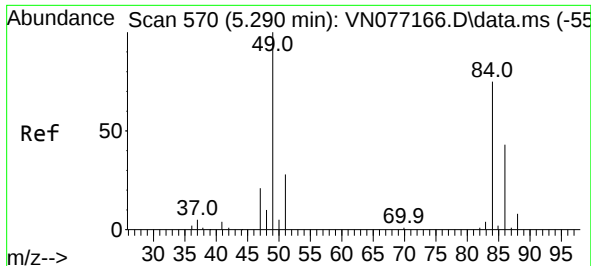
Tgt Ion: 96 Resp: 205526
Ion Ratio Lower Upper
96 100
61 164.8 137.1 205.7
98 60.5 53.2 79.8



#15
Acetone
Concen: 68.299 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 58 Resp: 50345
Ion Ratio Lower Upper
58 100
43 336.6 255.4 383.0



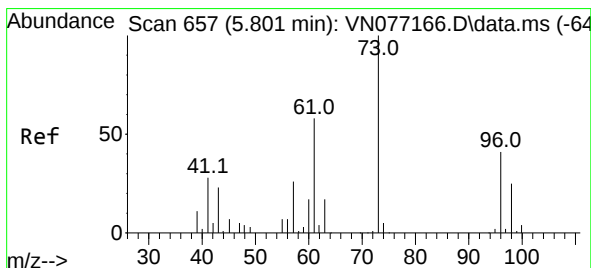
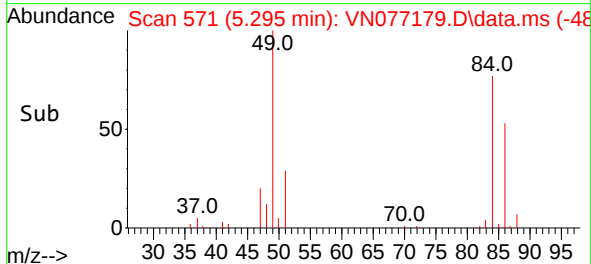
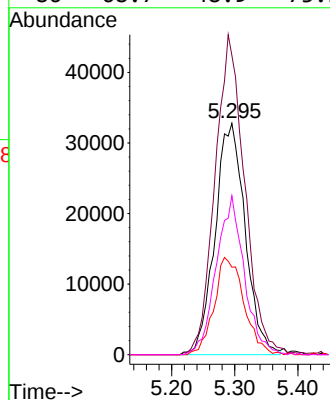
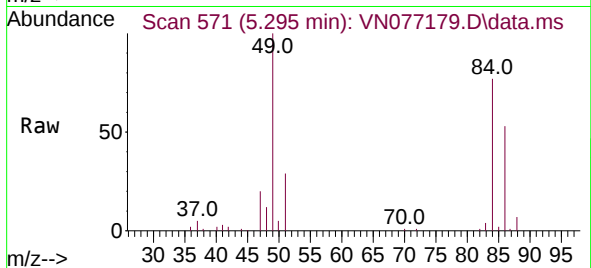


#18
Methylene Chloride
Concen: 20.543 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion: 84 Resp: 108813

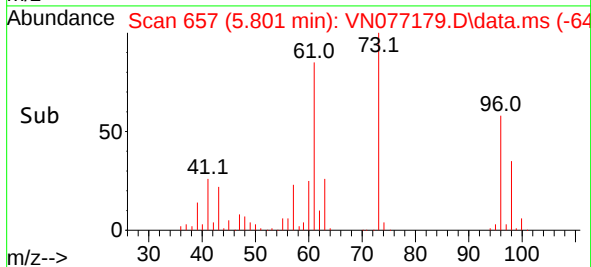
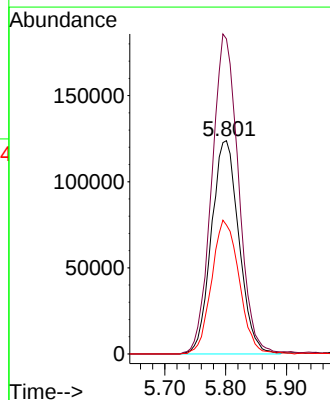
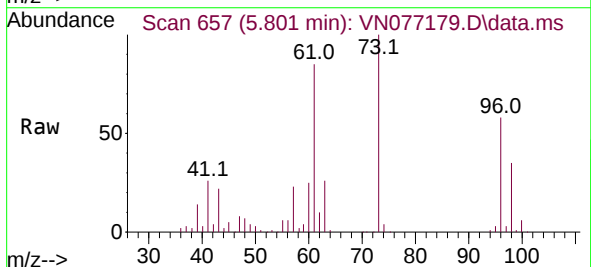
Ion	Ratio	Lower	Upper
84	100		
49	129.3	113.8	170.6
51	37.8	34.2	51.4
86	68.7	48.9	73.3

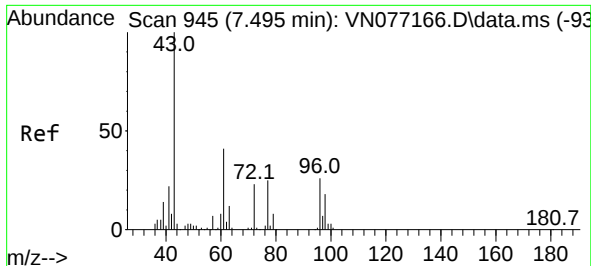


#19
trans-1,2-Dichloroethene
Concen: 84.279 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 96 Resp: 389145

Ion	Ratio	Lower	Upper
96	100		
61	147.8	111.0	166.4
98	60.5	55.0	82.6

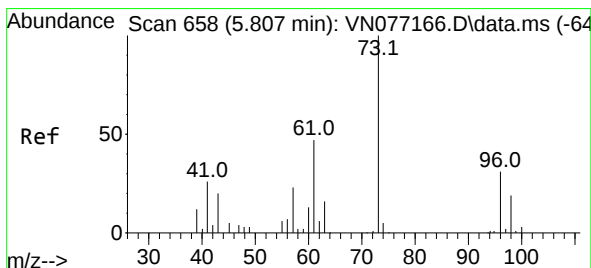
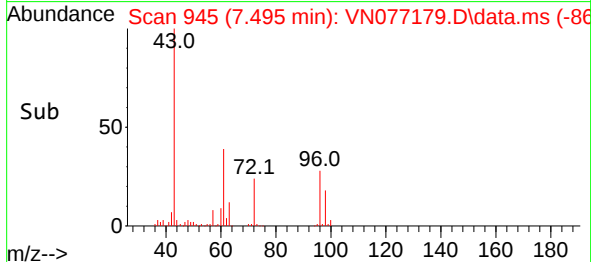
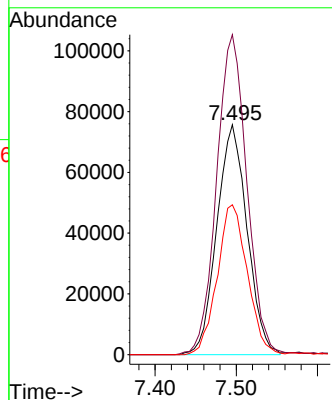
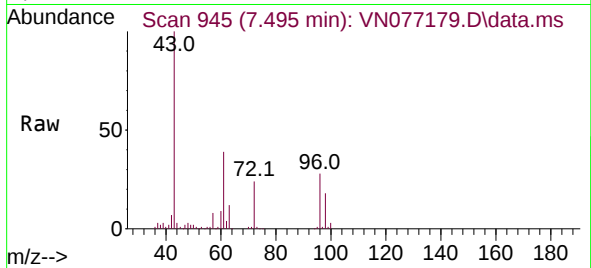




#22
 cis-1,2-Dichloroethene
 Concen: 35.953 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077179.D
 Acq: 24 Mar 2023 15:01

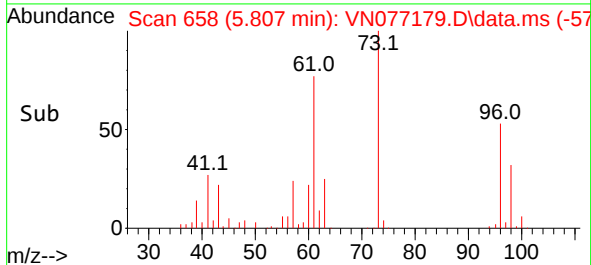
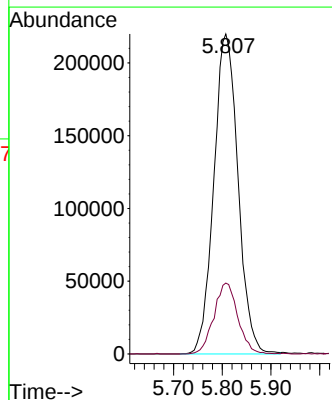
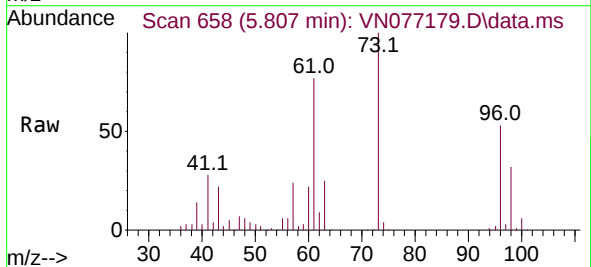
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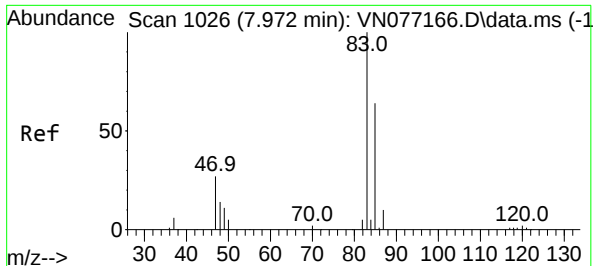
Tgt Ion: 96 Resp: 196003
 Ion Ratio Lower Upper
 96 100
 61 139.3 121.0 181.4
 98 64.9 50.1 75.1



#24
 Methyl tert-Butyl Ether
 Concen: 49.620 ug/l
 RT: 5.807 min Scan# 658
 Delta R.T. 0.000 min
 Lab File: VN077179.D
 Acq: 24 Mar 2023 15:01

Tgt Ion: 73 Resp: 759261
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.8 26.6





#25

Chloroform

Concen: 76.147 ug/l

RT: 7.972 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

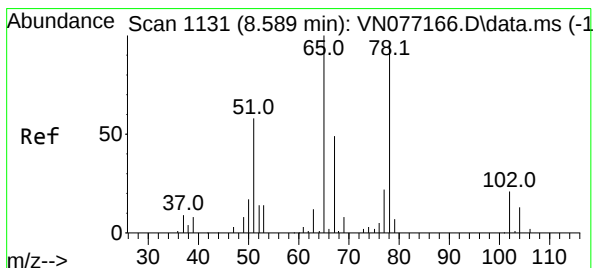
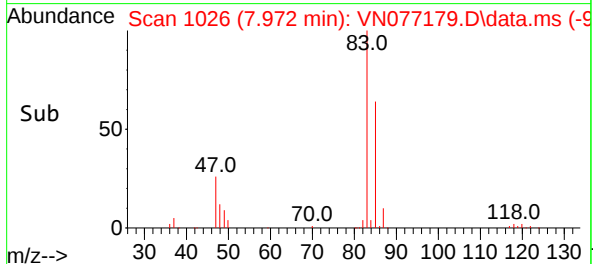
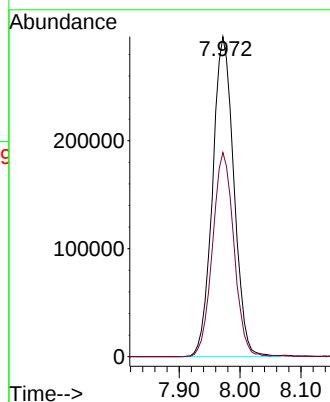
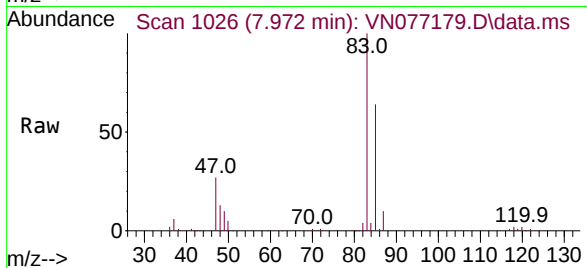
PT-VOA-WP

Tgt Ion: 83 Resp: 720273

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6



#27

1,2-Dichloroethane-d4

Concen: 31.746 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077179.D

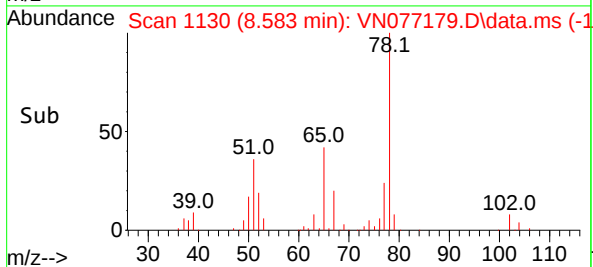
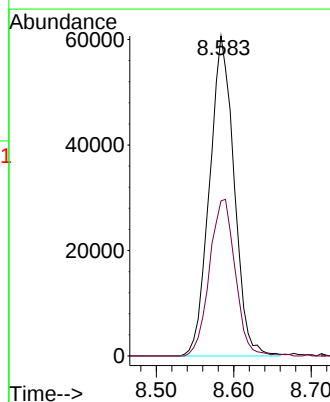
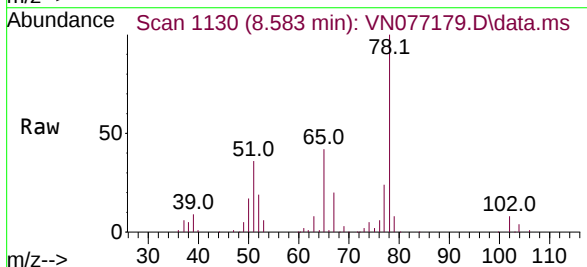
Acq: 24 Mar 2023 15:01

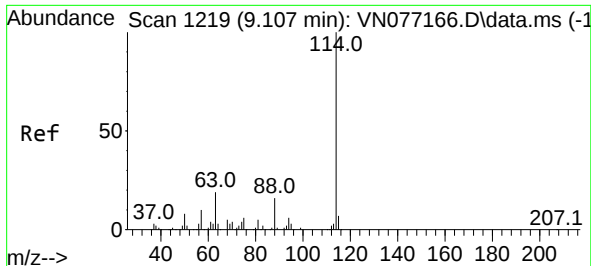
Tgt Ion: 65 Resp: 133535

Ion Ratio Lower Upper

65 100

67 51.1 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

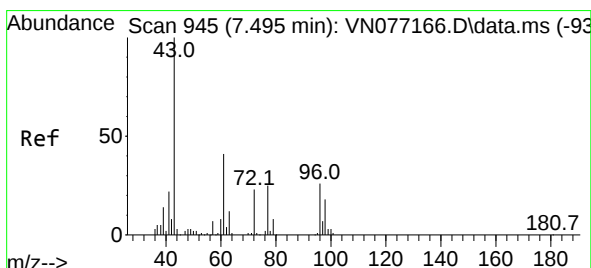
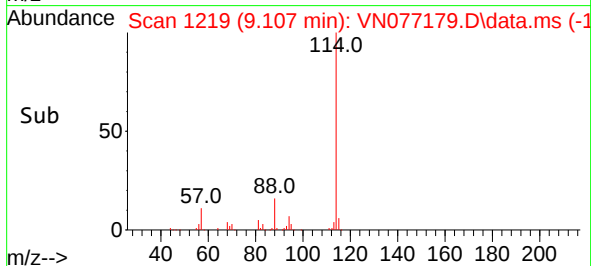
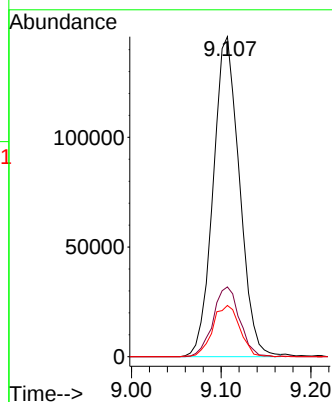
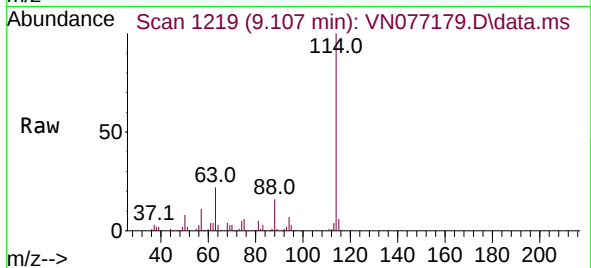
Tgt Ion:114 Resp: 296897

Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

88 16.6 11.6 17.4



#30

2-Butanone

Concen: 175.054 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

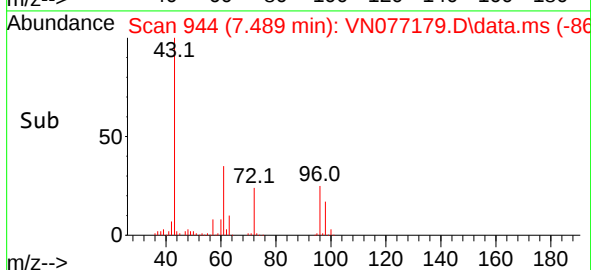
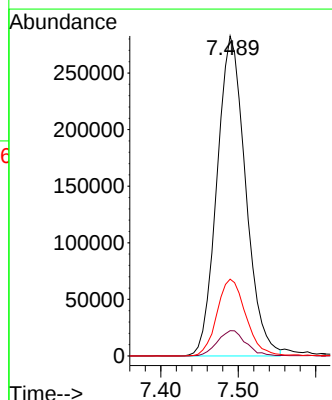
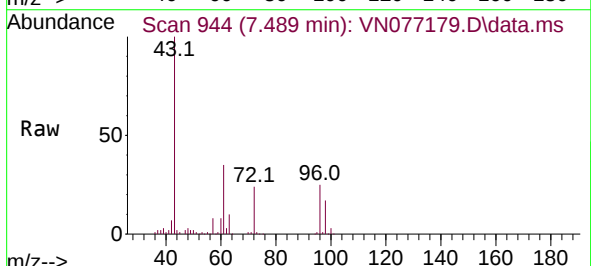
Tgt Ion: 43 Resp: 727346

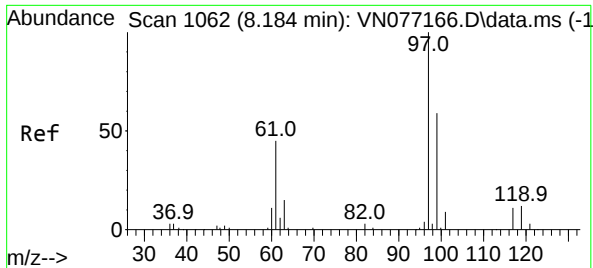
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 24.2 20.2 30.4

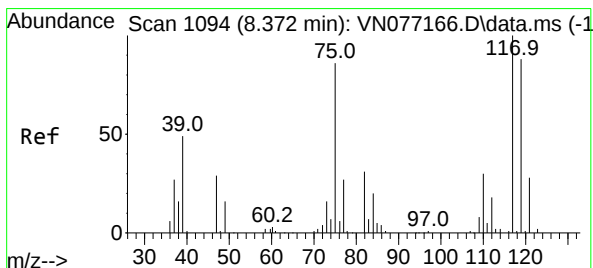
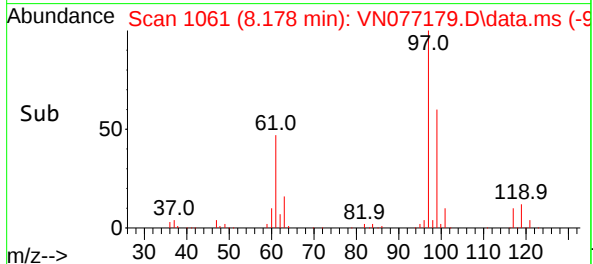
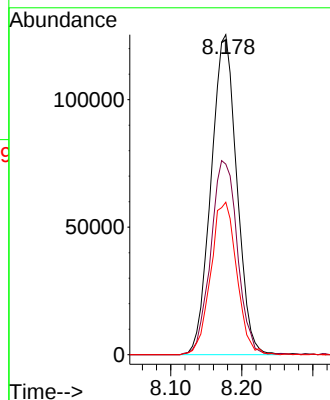
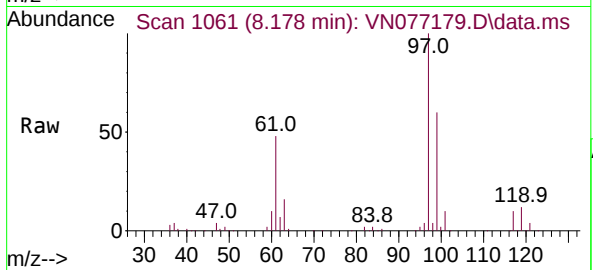




#32
1,1,1-Trichloroethane
Concen: 36.275 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

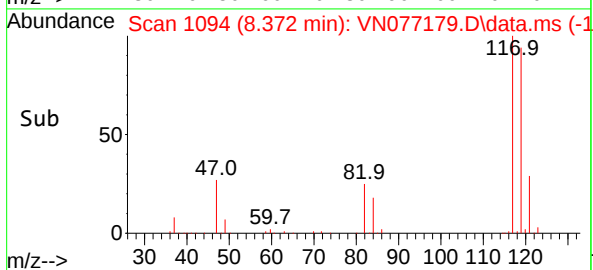
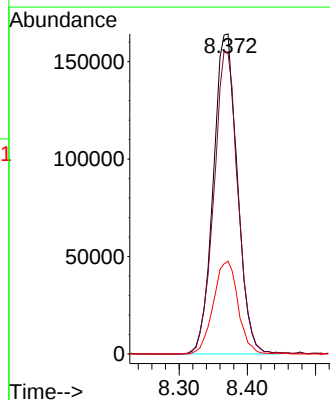
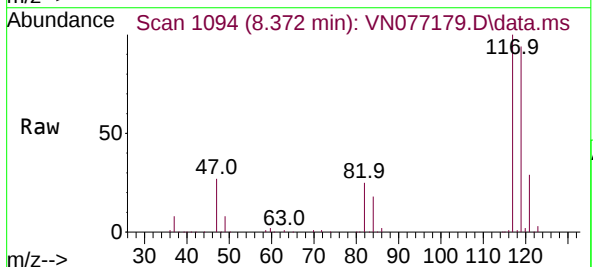
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

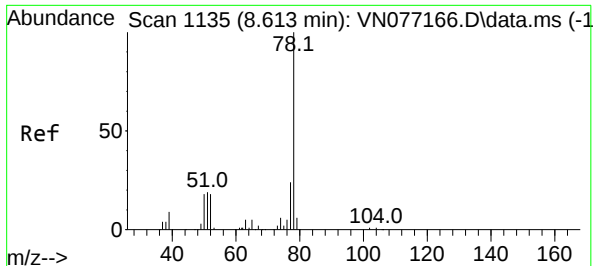
Tgt Ion: 97 Resp: 315012
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.8
61 48.1 39.3 58.9



#33
Carbon Tetrachloride
Concen: 55.208 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 117 Resp: 402753
Ion Ratio Lower Upper
117 100
119 93.9 79.8 119.8
121 29.0 23.4 35.0

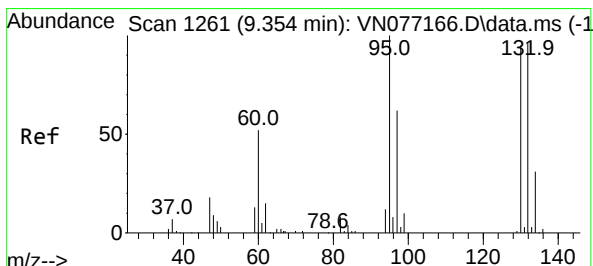
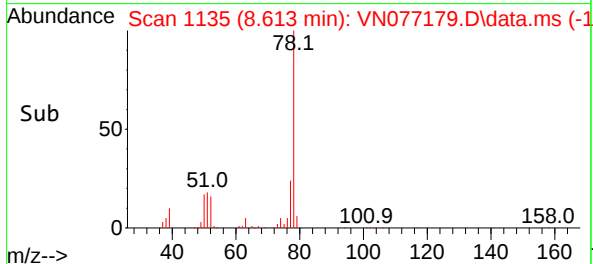
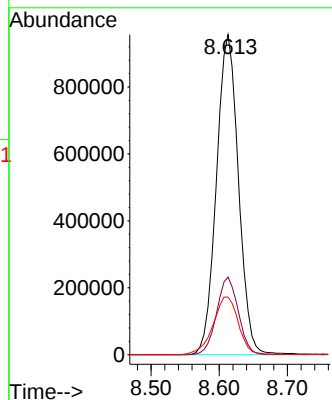
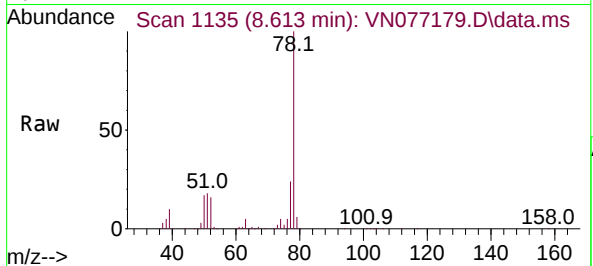




#34
Benzene
Concen: 97.392 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

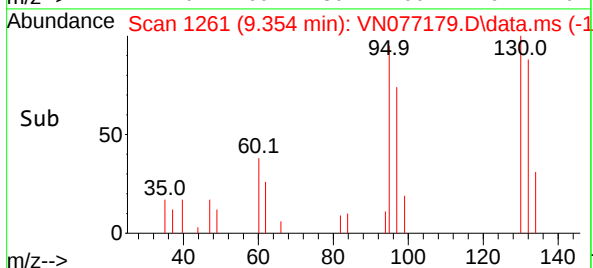
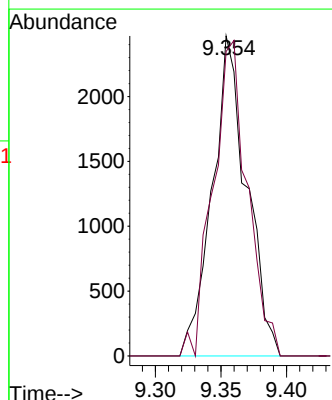
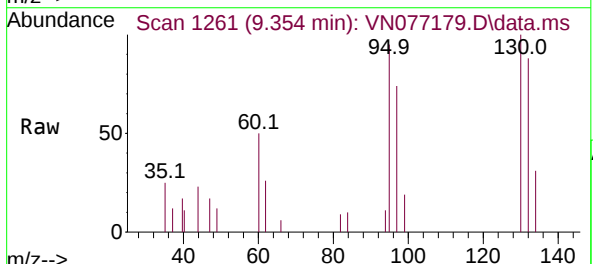
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

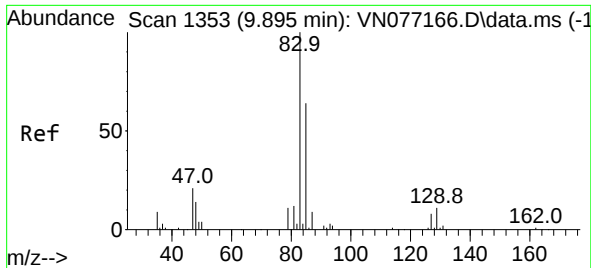
Tgt Ion: 78 Resp: 2150140
Ion Ratio Lower Upper
78 100
77 24.3 17.4 26.2
51 18.0 13.8 20.6



#37
Trichloroethene
Concen: 0.902 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion:130 Resp: 4502
Ion Ratio Lower Upper
130 100
95 95.2 78.7 118.1

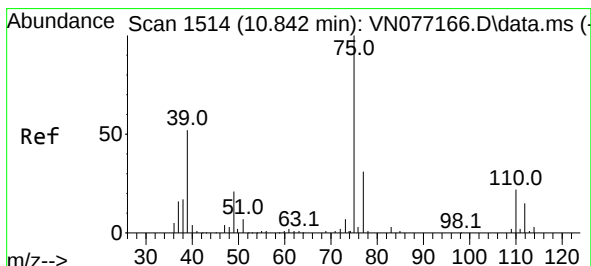
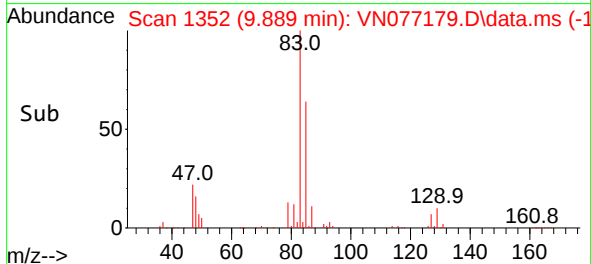
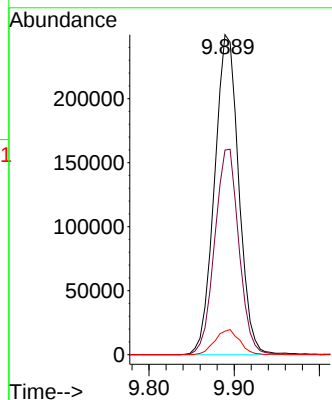
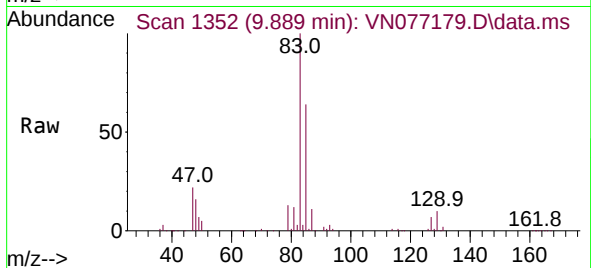




#41
Bromodichloromethane
Concen: 64.088 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

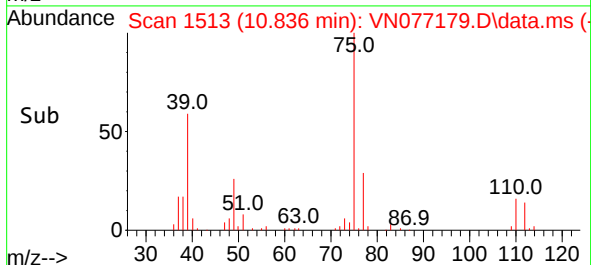
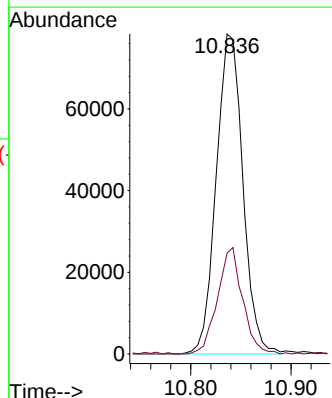
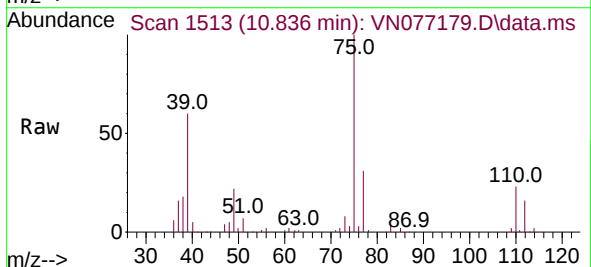
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

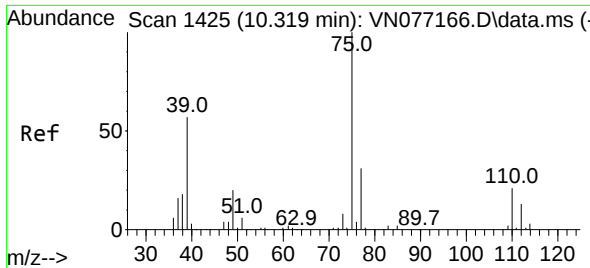
Tgt Ion: 83 Resp: 493232
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.4
127 7.4 6.2 9.2



#48
t-1,3-Dichloropropene
Concen: 18.473 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 75 Resp: 144411
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

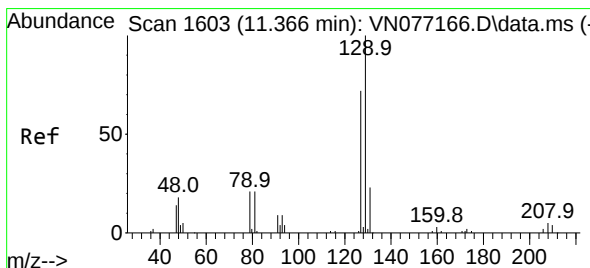
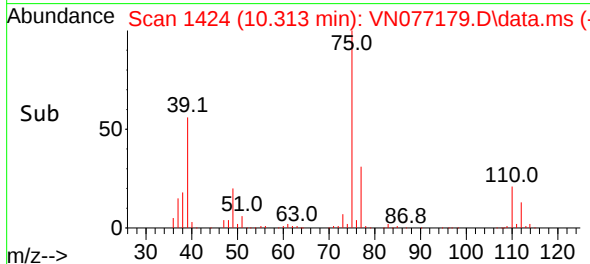
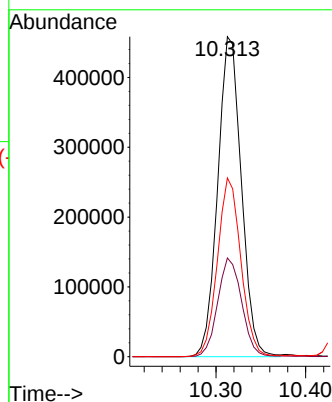
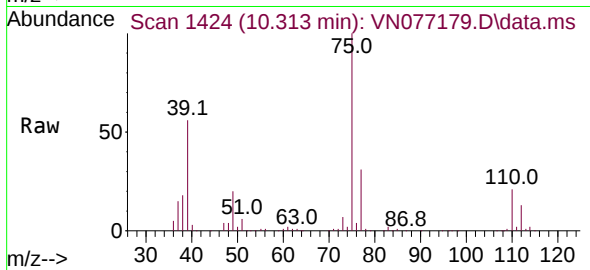




#49
 cis-1,3-Dichloropropene
 Concen: 97.975 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: VN077179.D
 Acq: 24 Mar 2023 15:01

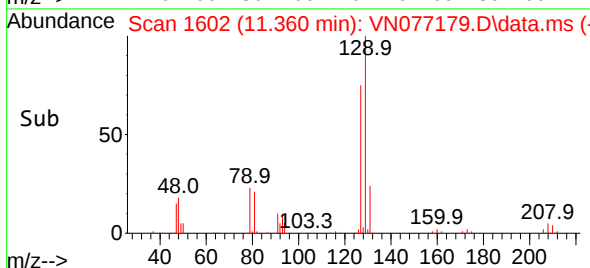
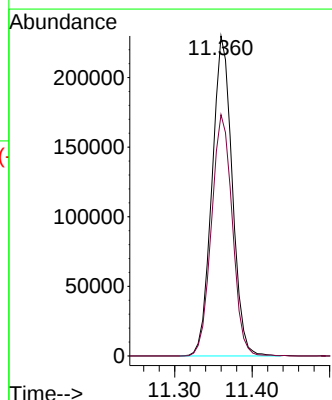
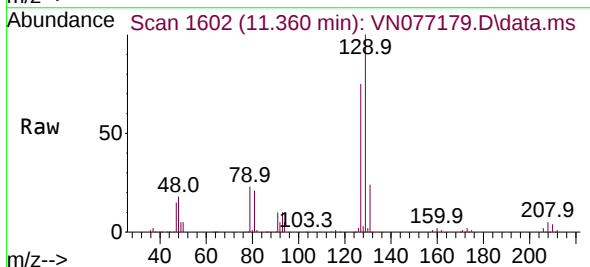
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

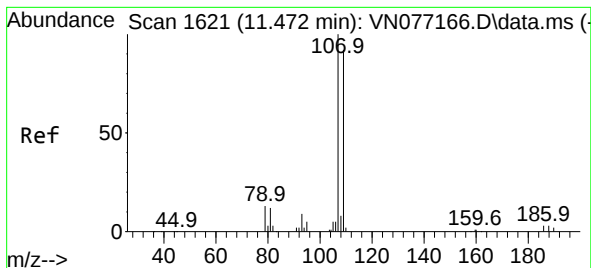
Tgt Ion: 75 Resp: 838493
 Ion Ratio Lower Upper
 75 100
 77 30.8 27.5 41.3
 39 55.9 43.5 65.3



#53
 Dibromochloromethane
 Concen: 75.861 ug/l
 RT: 11.360 min Scan# 1602
 Delta R.T. -0.006 min
 Lab File: VN077179.D
 Acq: 24 Mar 2023 15:01

Tgt Ion: 129 Resp: 416716
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.4 118.1





#54

1,2-Dibromoethane

Concen: 33.598 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

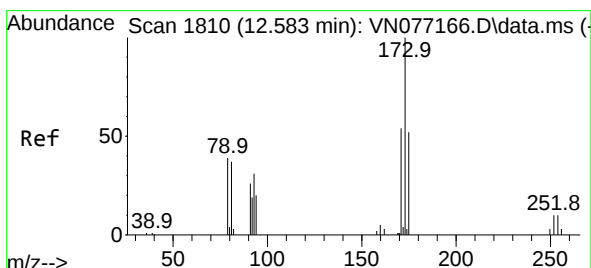
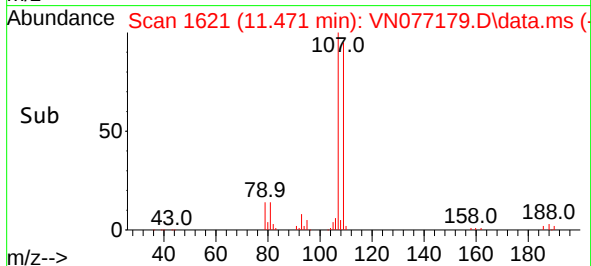
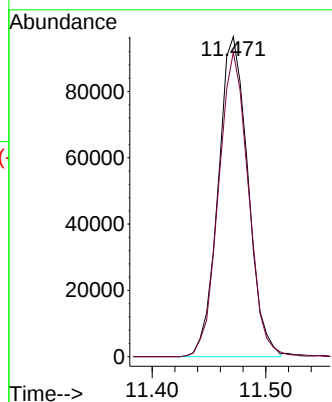
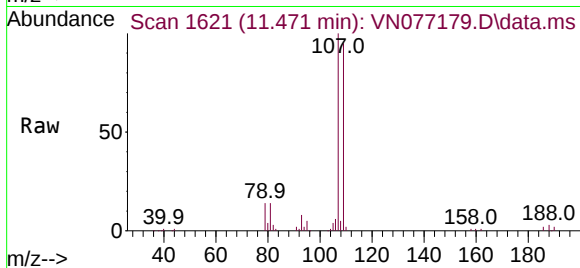
PT-VOA-WP

Tgt Ion:107 Resp: 175408

Ion Ratio Lower Upper

107 100

109 95.1 74.6 112.0



#56

Bromoform

Concen: 1.056 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

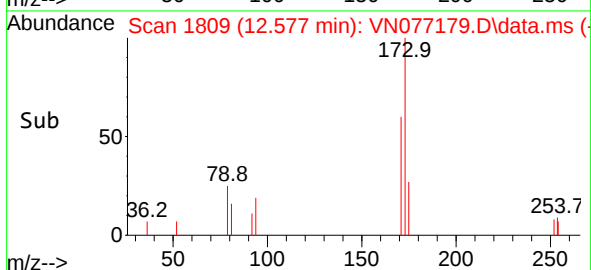
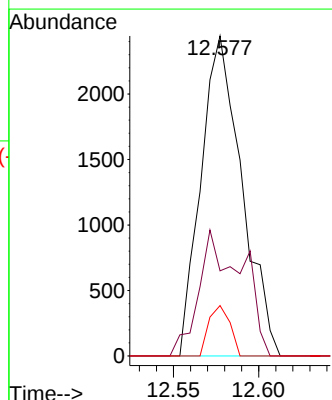
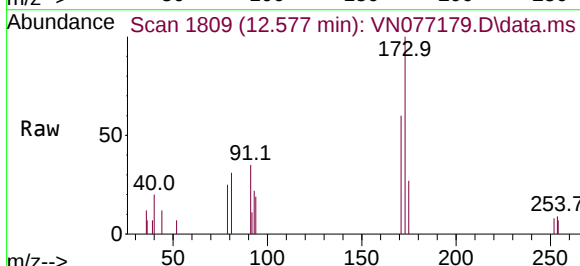
Tgt Ion:173 Resp: 4071

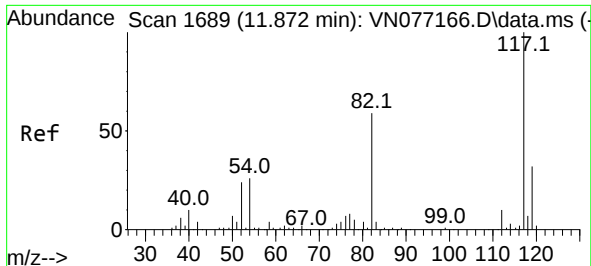
Ion Ratio Lower Upper

173 100

175 32.8 37.8 56.6#

254 8.1 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

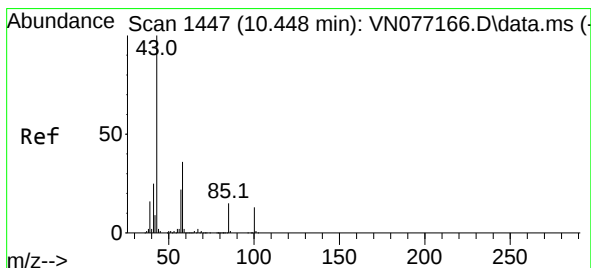
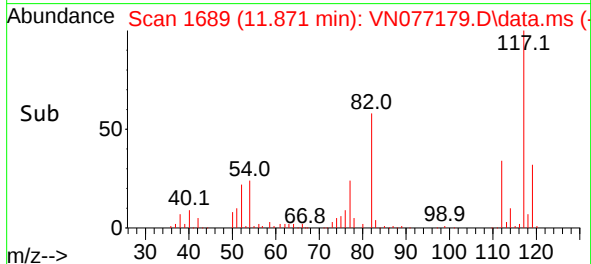
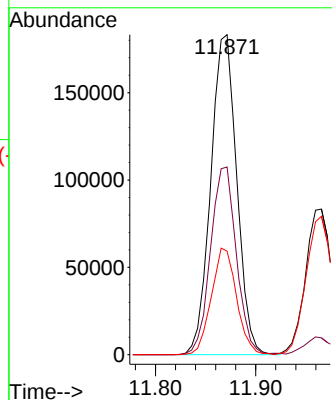
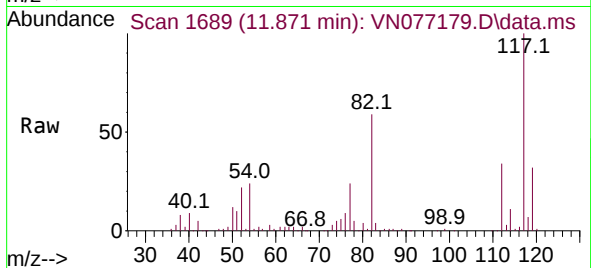
Tgt Ion:117 Resp: 330517

Ion Ratio Lower Upper

117 100

82 58.3 45.4 68.0

119 32.3 26.8 40.2



#58

4-Methyl-2-Pentanone

Concen: 164.481 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

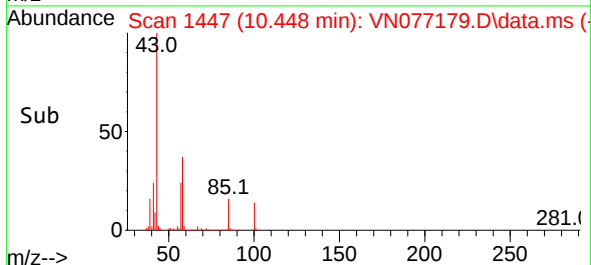
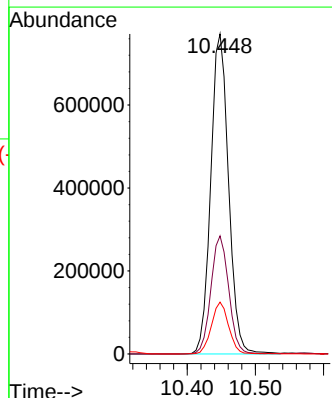
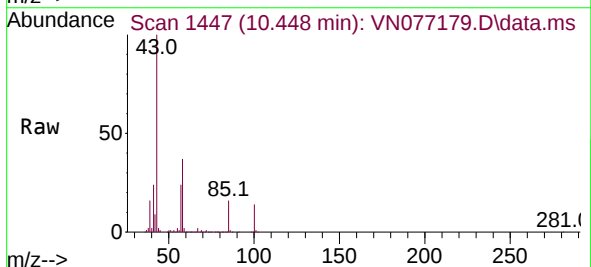
Tgt Ion: 43 Resp: 1403082

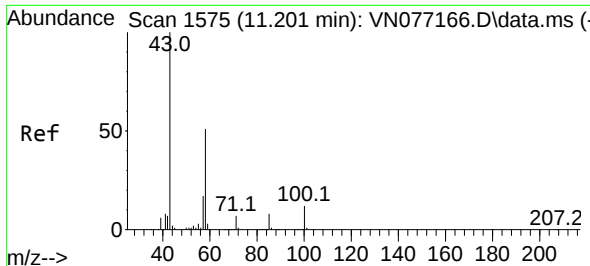
Ion Ratio Lower Upper

43 100

58 36.9 28.6 42.8

85 15.7 11.8 17.8

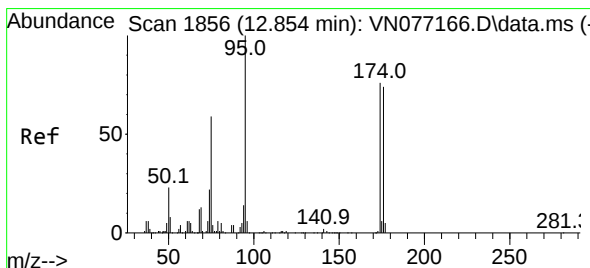
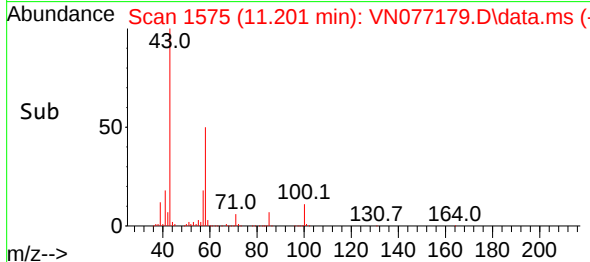
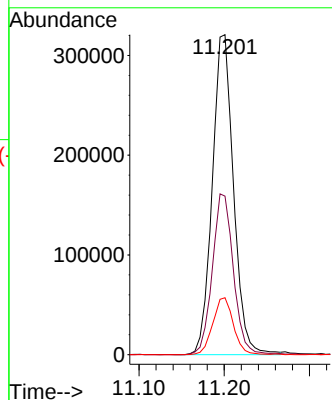
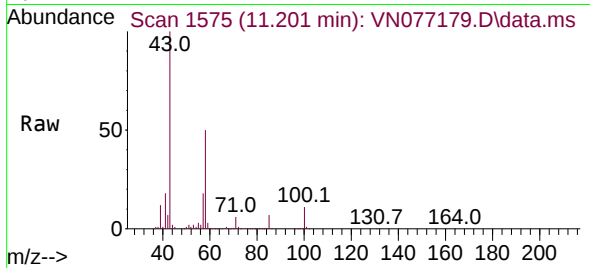




#59
2-Hexanone
Concen: 89.328 ug/l
RT: 11.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

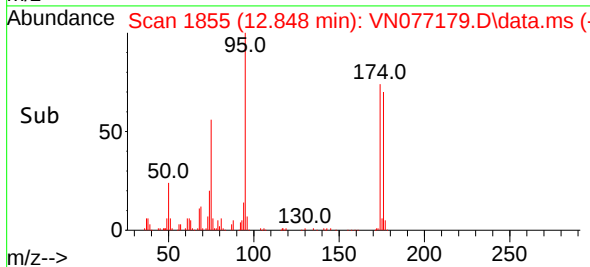
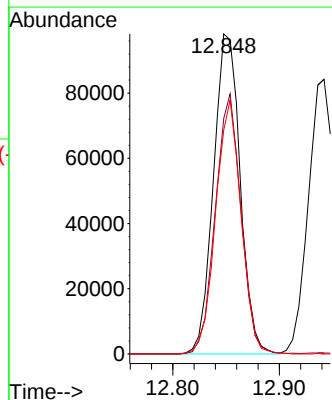
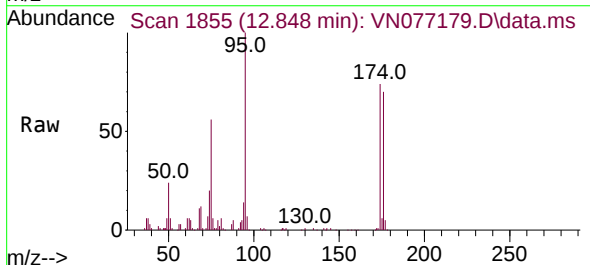
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

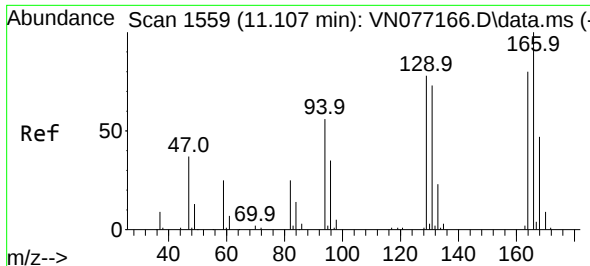
Tgt Ion: 43 Resp: 555602
Ion Ratio Lower Upper
43 100
58 50.0 40.6 60.8
57 17.3 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 28.741 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 95 Resp: 170656
Ion Ratio Lower Upper
95 100
174 78.1 64.2 96.4
176 75.7 61.4 92.0

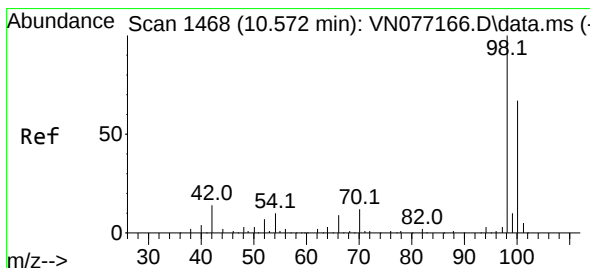
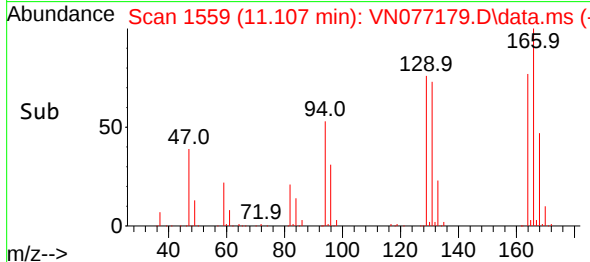
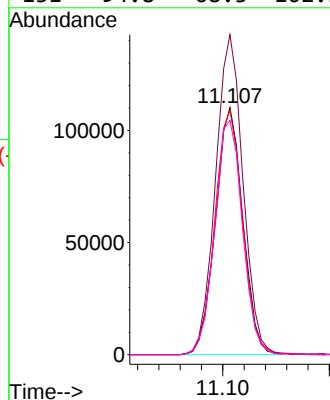
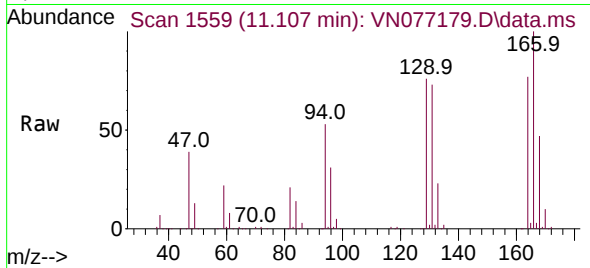




#61
Tetrachloroethene
Concen: 47.372 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

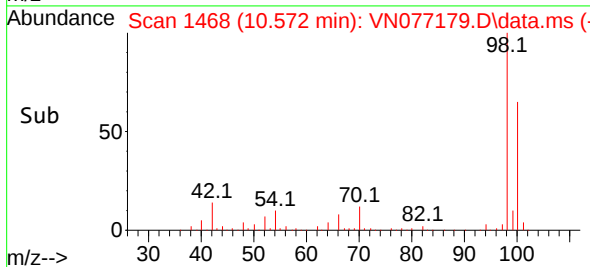
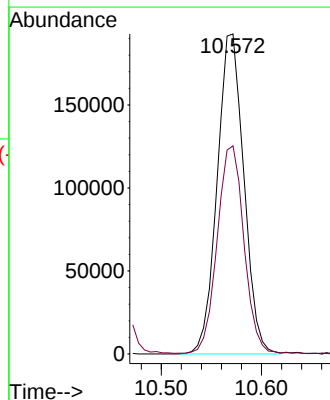
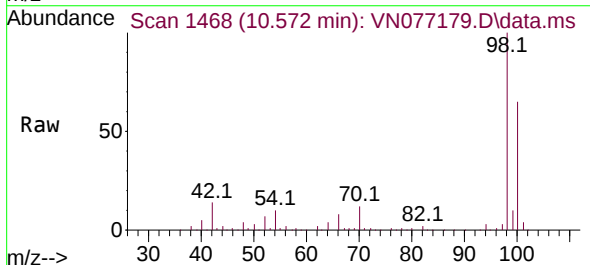
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

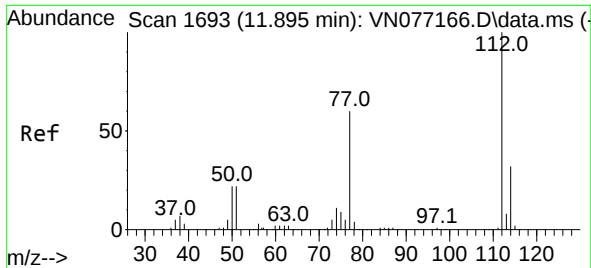
Tgt Ion:164 Resp: 196512
Ion Ratio Lower Upper
164 100
166 129.5 96.2 144.2
129 98.9 78.2 117.4
131 94.8 68.3 102.5



#63
Toluene-d8
Concen: 30.206 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 98 Resp: 356387
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.6

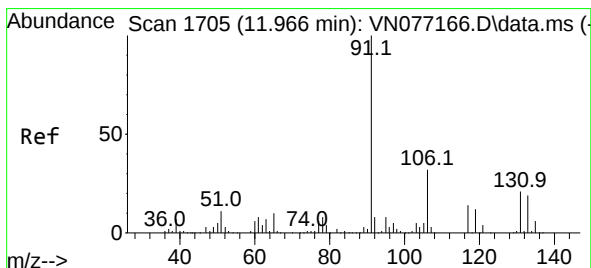
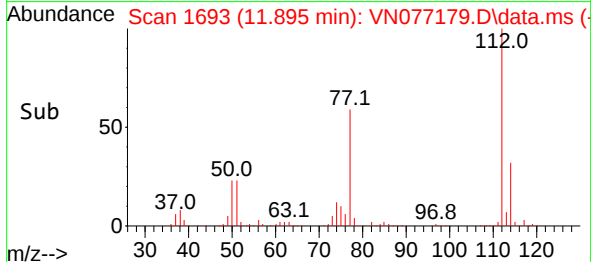
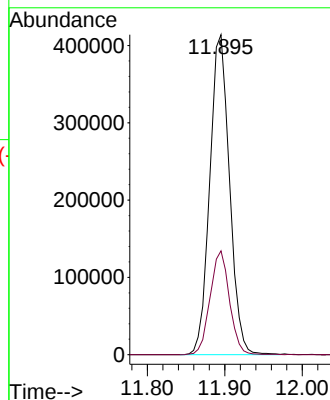
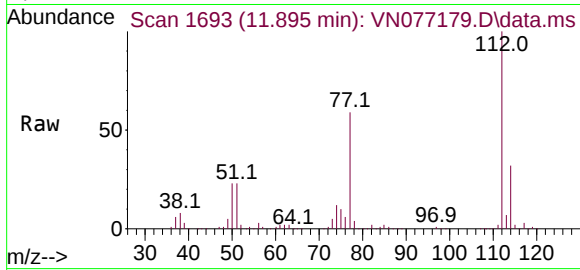




#64
Chlorobenzene
Concen: 53.310 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

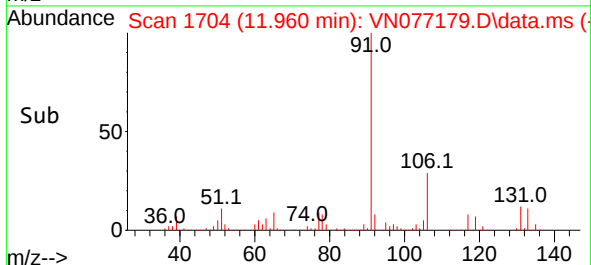
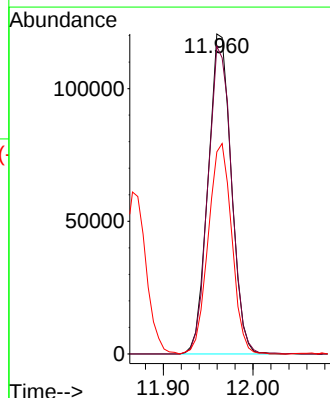
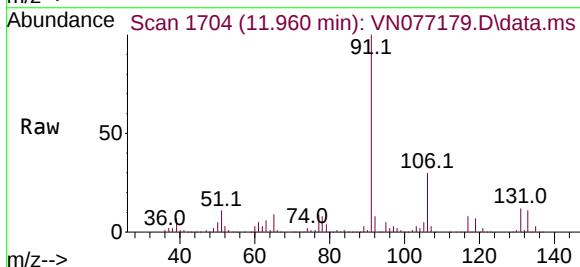
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

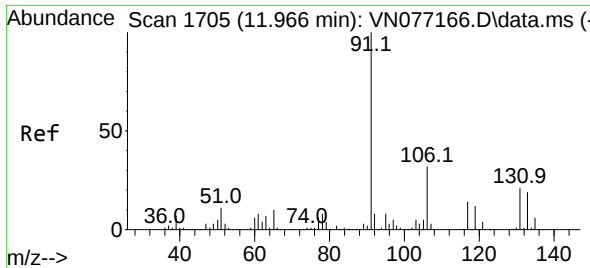
Tgt Ion:112 Resp: 732655
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#65
1,1,1,2-Tetrachloroethane
Concen: 43.024 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion:131 Resp: 217148
Ion Ratio Lower Upper
131 100
133 97.5 0.0 197.6
119 66.5 0.0 127.8

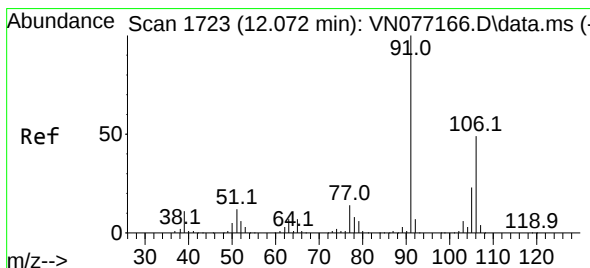
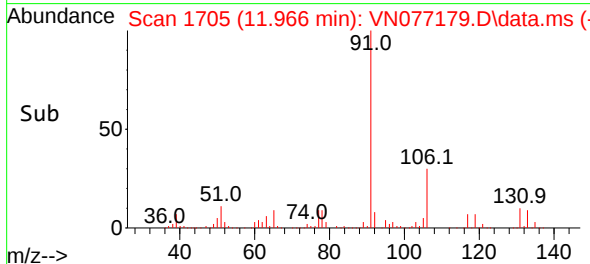
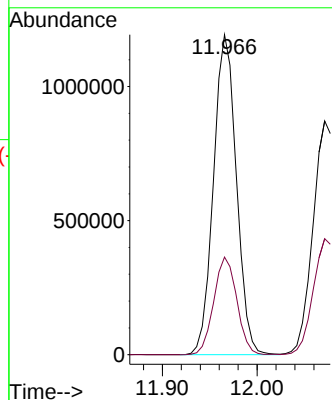
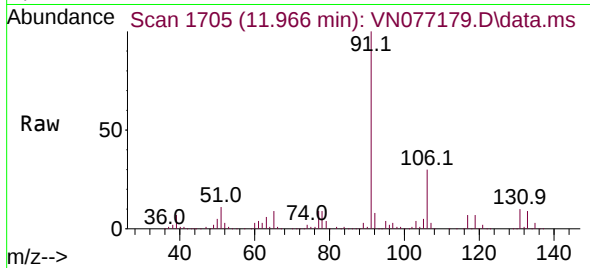




#66
Ethyl Benzene
Concen: 80.495 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

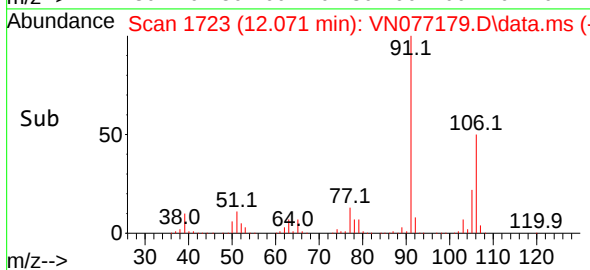
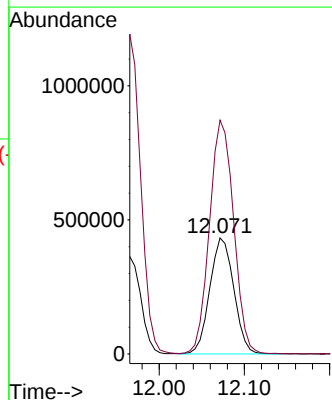
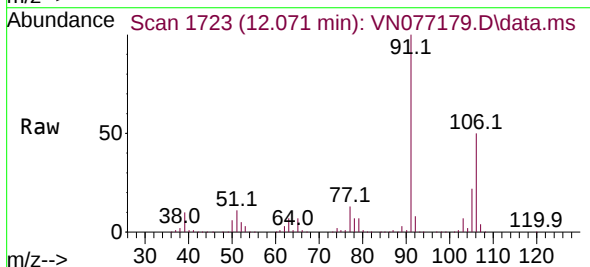
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

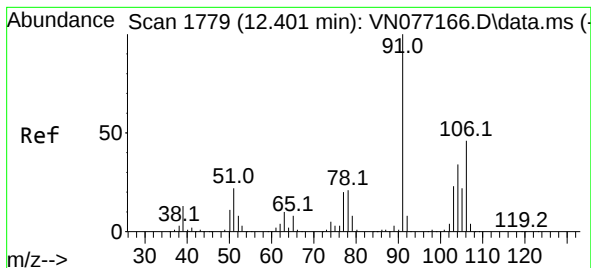
Tgt Ion: 91 Resp: 2009172
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#67
m/p-Xylenes
Concen: 88.176 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion:106 Resp: 846978
Ion Ratio Lower Upper
106 100
91 203.0 157.4 236.2

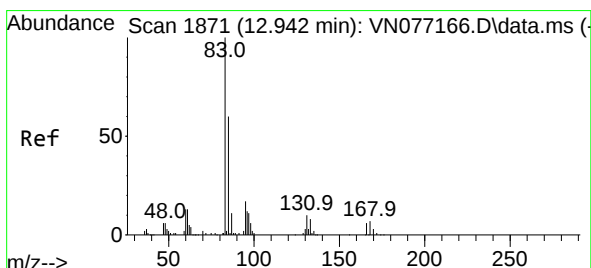
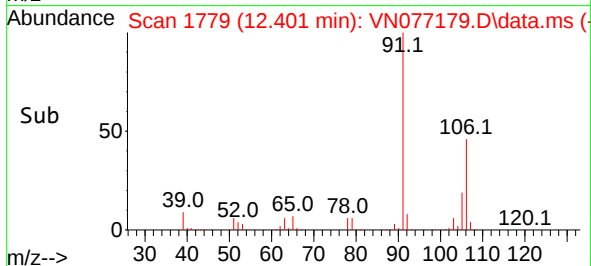
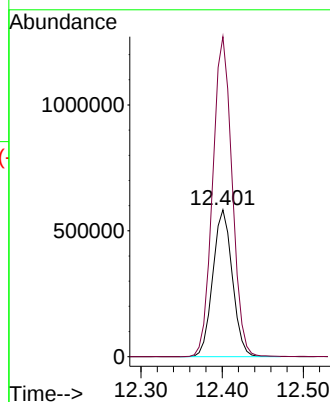
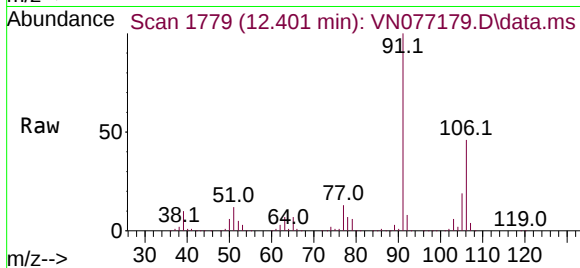




#68
o-Xylene
Concen: 103.523 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

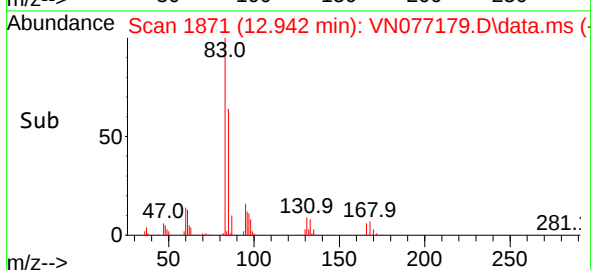
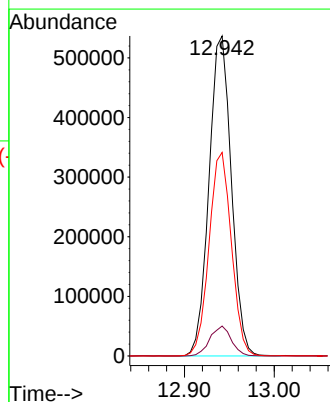
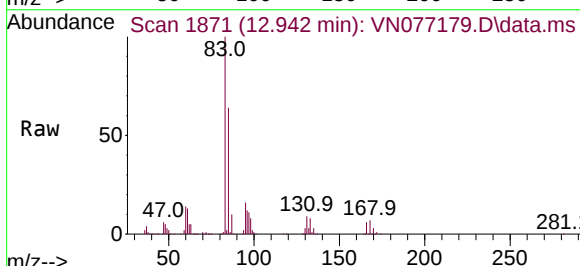
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

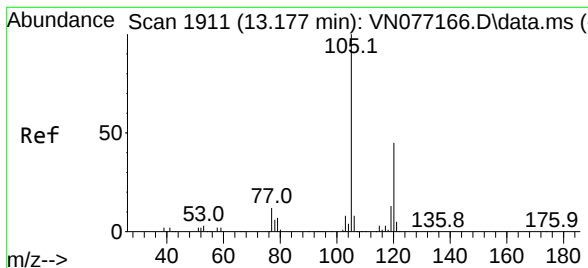
Tgt Ion:106 Resp: 973610
Ion Ratio Lower Upper
106 100
91 217.4 107.2 321.6



#71
1,1,2,2-Tetrachloroethane
Concen: 116.319 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 83 Resp: 928552
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 63.7 32.3 96.9

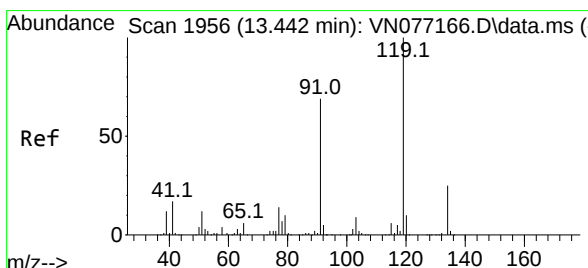
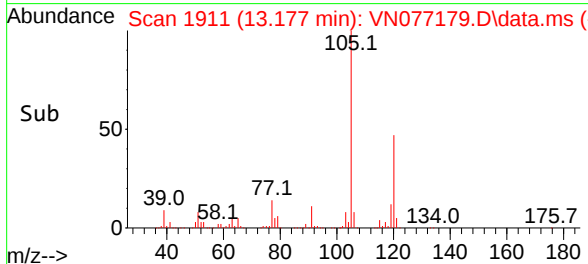
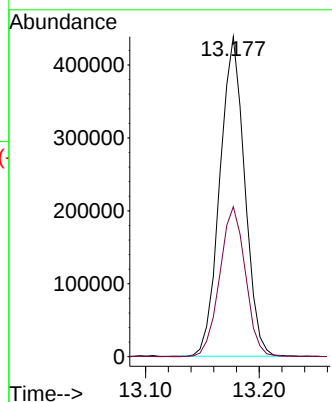
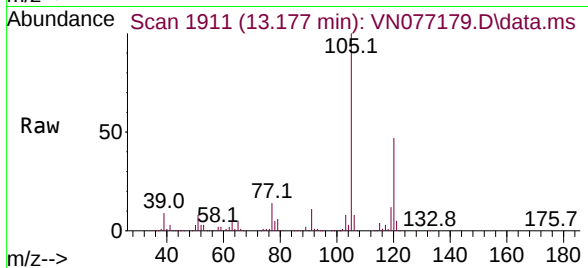




#76
1,3,5-Trimethylbenzene
Concen: 32.824 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

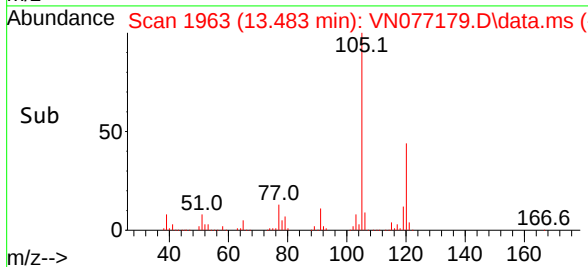
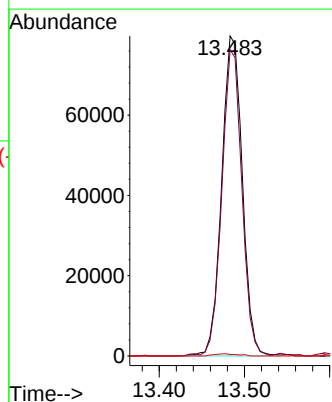
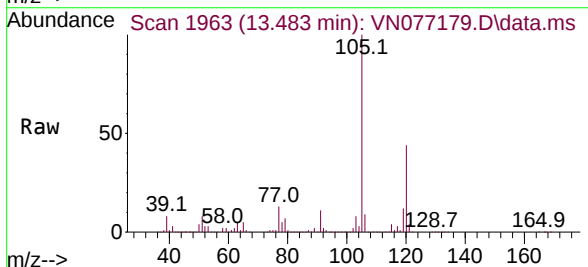
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

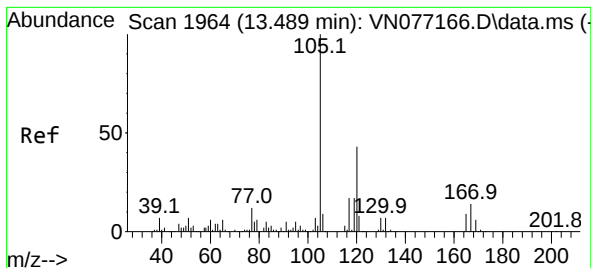
Tgt Ion:105 Resp: 664475
Ion Ratio Lower Upper
105 100
120 48.5 0.0 103.2



#79
tert-butylbenzene
Concen: 7.743 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.041 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion:119 Resp: 133909
Ion Ratio Lower Upper
119 100
91 92.4 0.0 129.6
134 0.7 0.0 47.8





#80

1,2,4-Trimethylbenzene

Concen: 55.108 ug/l

RT: 13.483 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

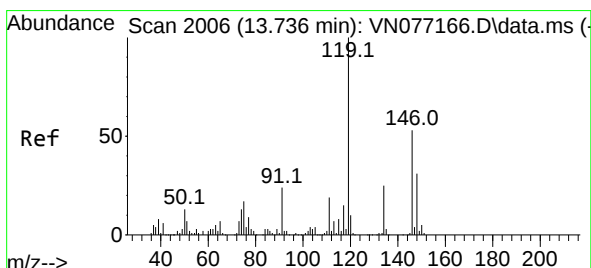
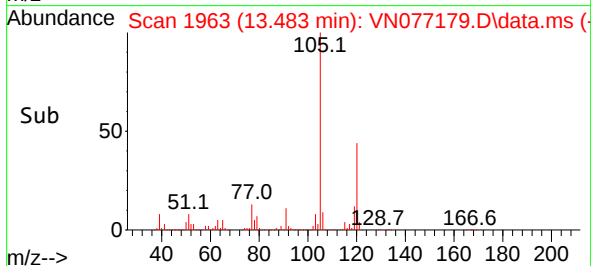
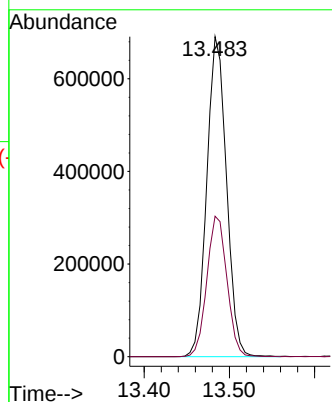
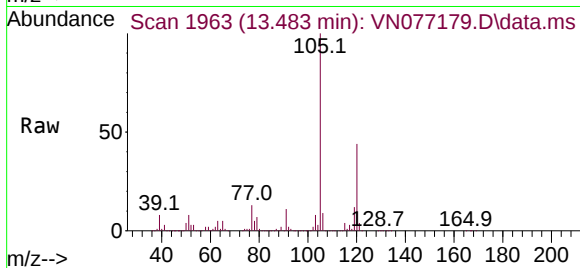
PT-VOA-WP

Tgt Ion:105 Resp: 1107073

Ion Ratio Lower Upper

105 100

120 44.8 0.0 93.2



#83

1,3-Dichlorobenzene

Concen: 35.814 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

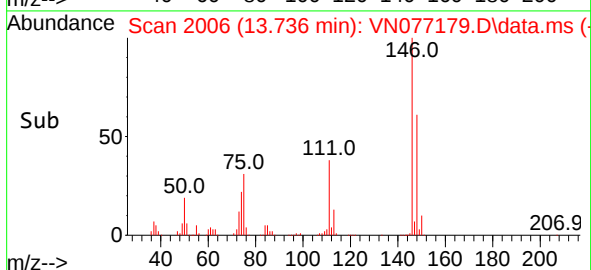
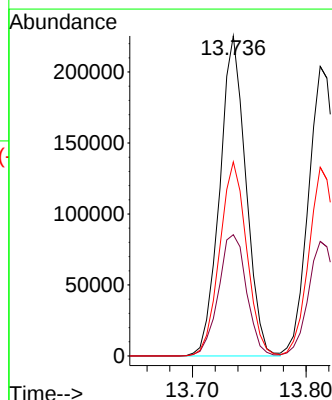
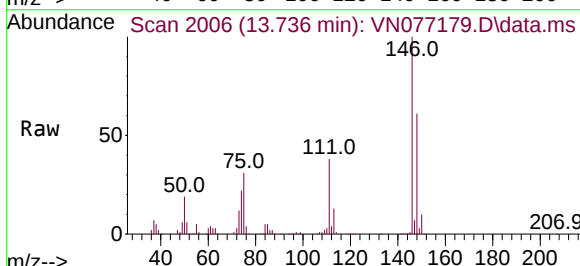
Tgt Ion:146 Resp: 361559

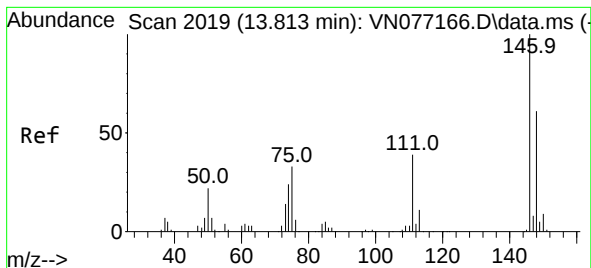
Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 62.6 31.9 95.5





#84

1,4-Dichlorobenzene

Concen: 35.582 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

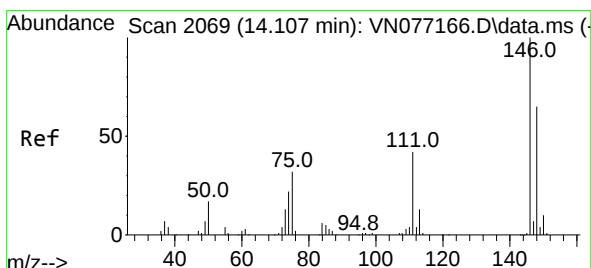
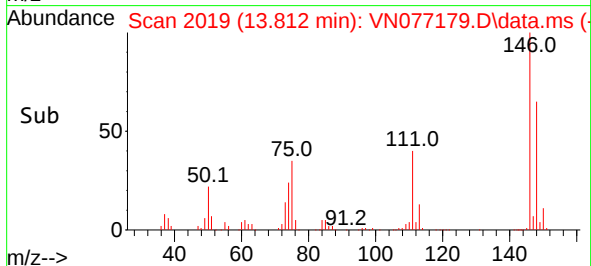
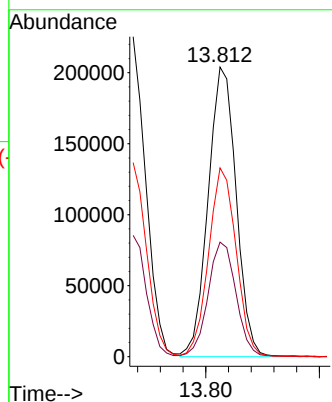
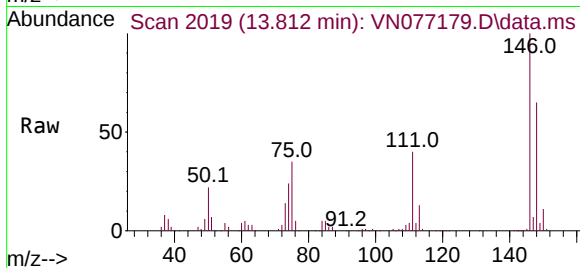
Tgt Ion:146 Resp: 349927

Ion Ratio Lower Upper

146 100

111 39.5 18.2 54.6

148 64.2 31.1 93.2



#87

1,2-Dichlorobenzene

Concen: 90.942 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077179.D

Acq: 24 Mar 2023 15:01

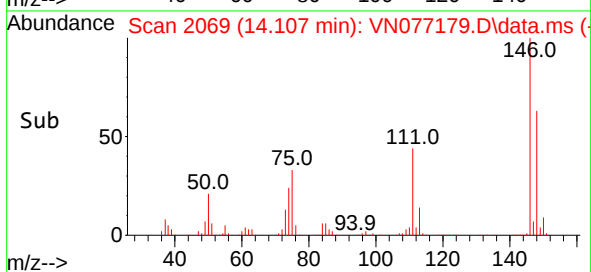
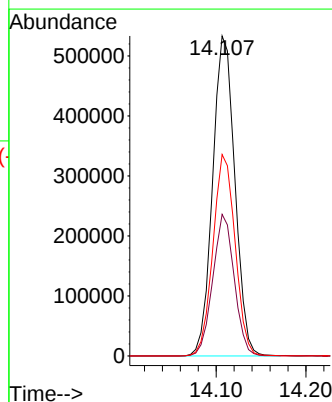
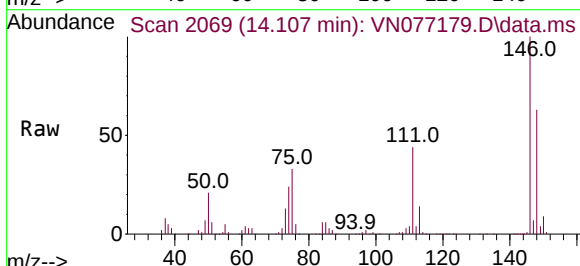
Tgt Ion:146 Resp: 918106

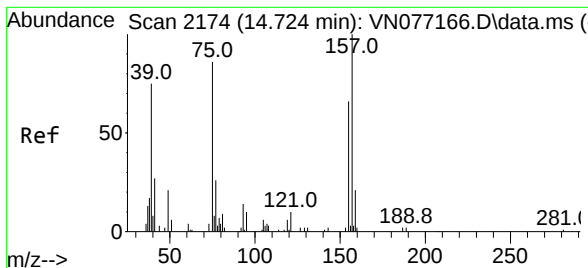
Ion Ratio Lower Upper

146 100

111 42.7 20.5 61.6

148 62.8 32.5 97.5

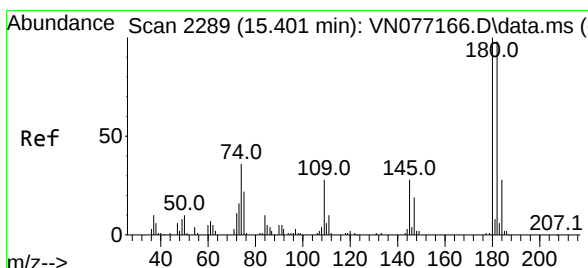
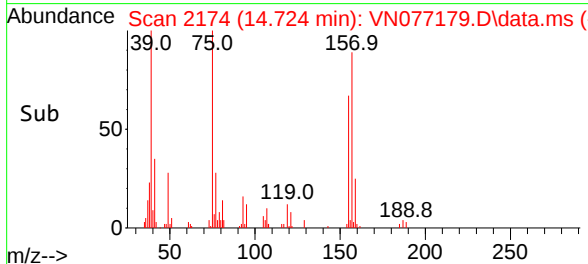
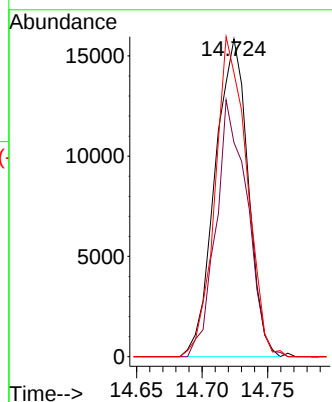
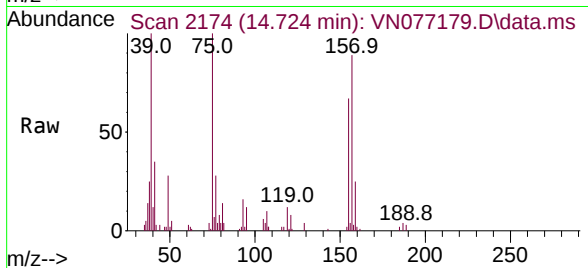




#88
1,2-Dibromo-3-Chloropropane
Concen: 18.086 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion: 75 Resp: 27703
Ion Ratio Lower Upper
75 100
155 76.1 62.5 93.7
157 96.8 77.5 116.3



#89
1,2,4-Trichlorobenzene
Concen: 40.149 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VN077179.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 180 Resp: 180816
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 31.8 24.6 36.8

