

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008678.D
 Acq On : 10 May 2022 14:07
 Operator : KP/MD
 Sample : N2760-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Quant Time: May 11 04:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

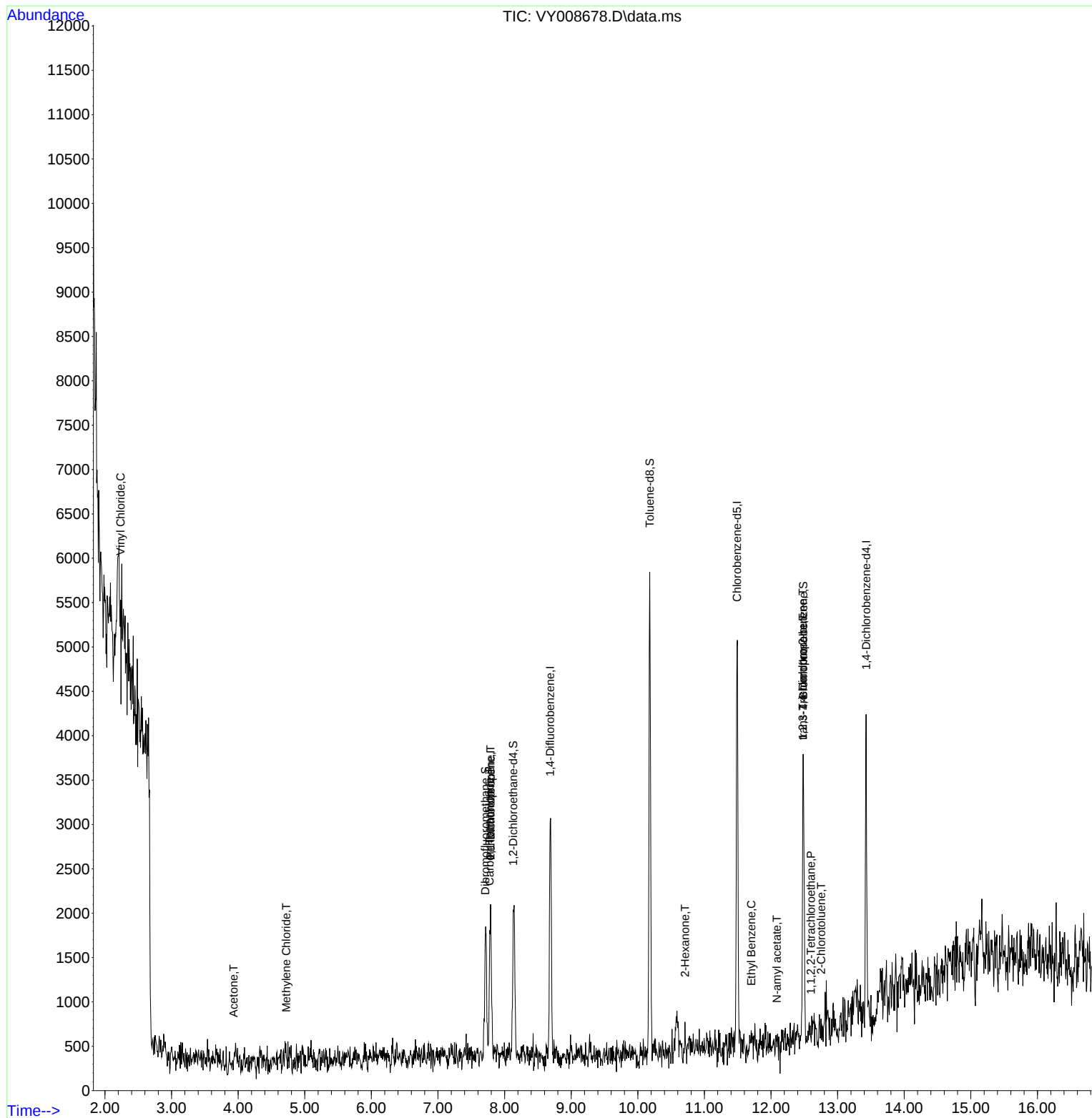
Internal Standards						
1) Pentafluorobenzene	7.789	168	2049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	3434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3262	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	733	41.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.500%
35) Dibromofluoromethane	7.710	113	1231	58.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.340%
50) Toluene-d8	10.179	98	3970	53.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.483	95	1196	44.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.160%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	442	26.406	ug/l #	43
16) Acetone	3.930	43	201	48.526	ug/l #	47
20) Methylene Chloride	4.722	84	49	1.948	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	93	2.735	ug/l #	42
38) Carbon Tetrachloride	7.777	117	62	1.803	ug/l #	11
59) 2-Hexanone	10.709	43	29	2.636	ug/l #	28
67) Ethyl Benzene	11.703	91	205	1.635	ug/l #	44
74) N-amyl acetate	12.087	43	20	1.222	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.599	83	23	1.508	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	499	46.401	ug/l #	100
79) 2-Chlorotoluene	12.751	91	52	1.085	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.477	75	499	92.317	ug/l #	7

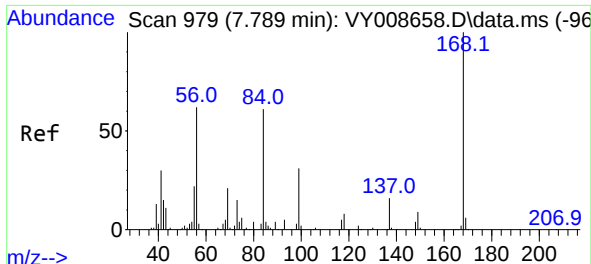
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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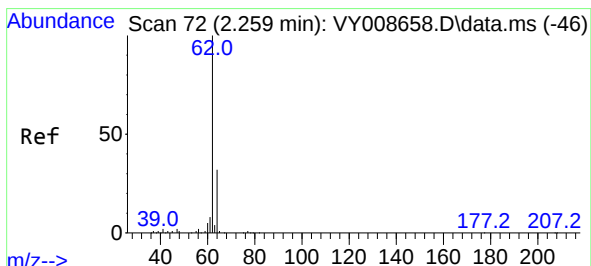
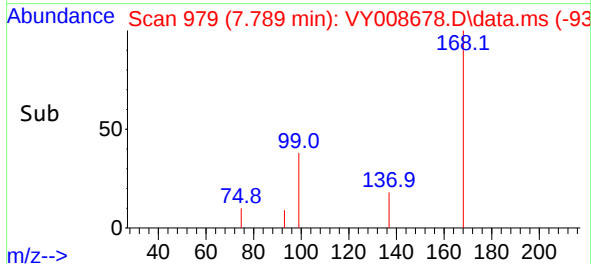
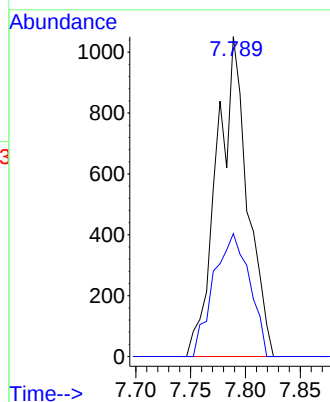
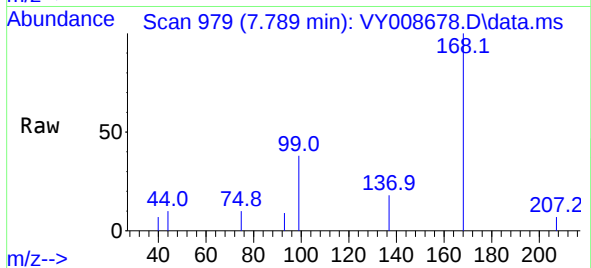




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

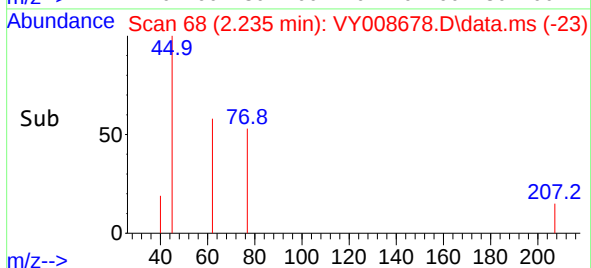
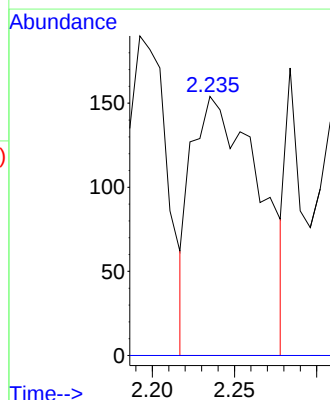
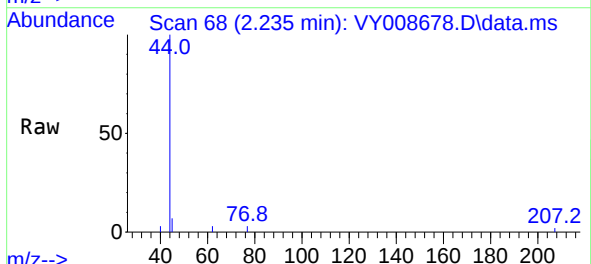
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

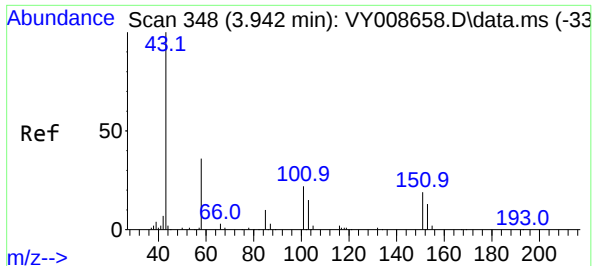
Tgt Ion:168 Resp: 2049
Ion Ratio Lower Upper
168 100
99 38.4 46.9 70.3#



#4
Vinyl Chloride
Concen: 26.406 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 62 Resp: 442
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

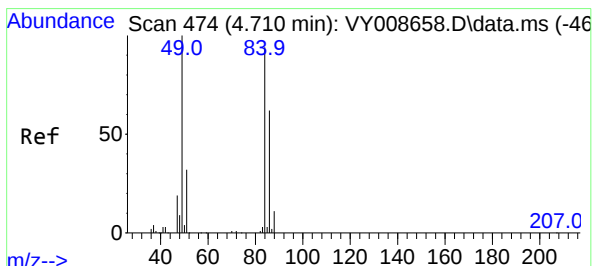
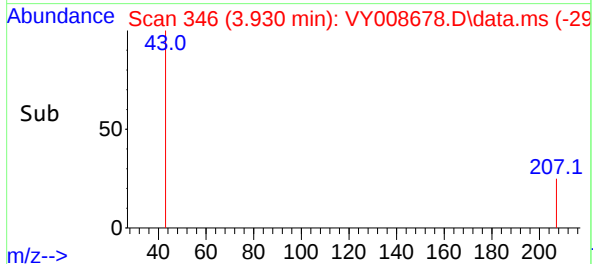
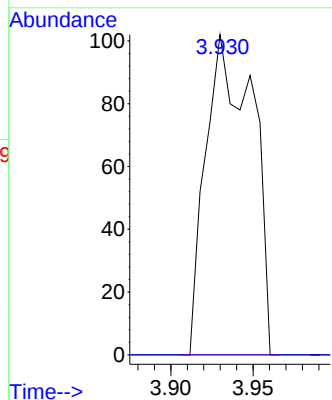
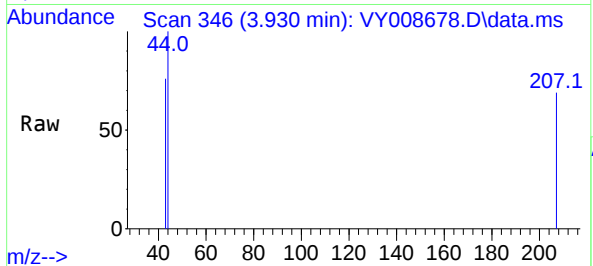




#16
Acetone
Concen: 48.526 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

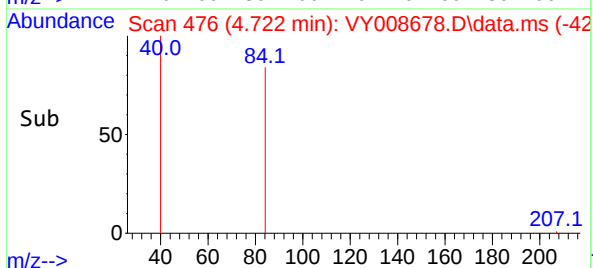
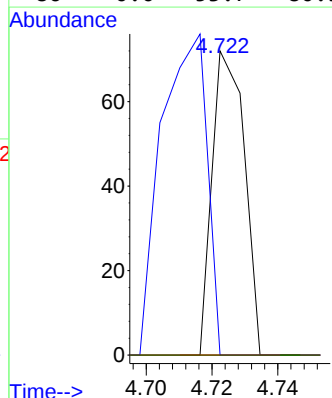
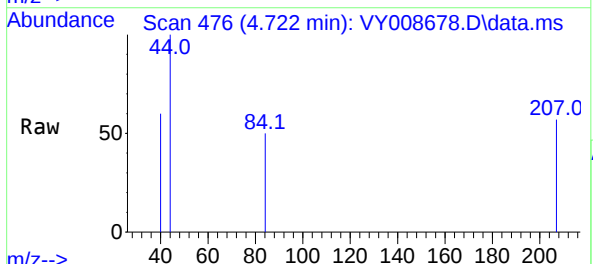
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

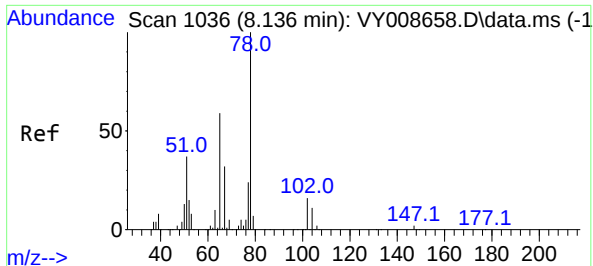
Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.948 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 84 Resp: 49
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#

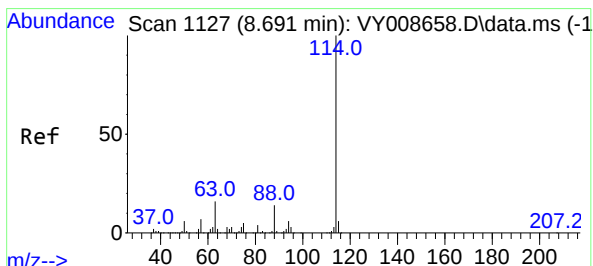
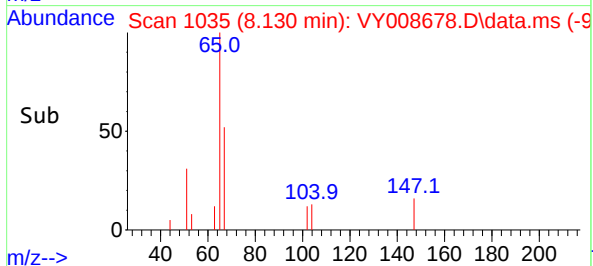
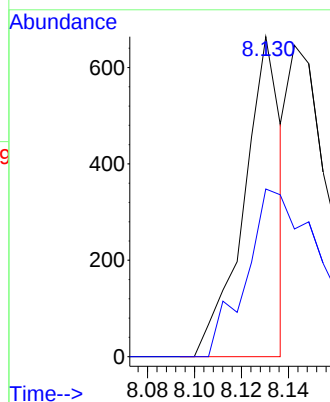
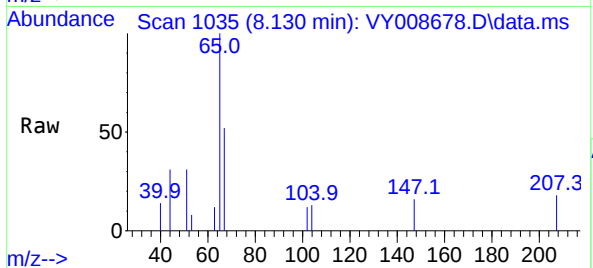




#33
1,2-Dichloroethane-d4
Concen: 41.750 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

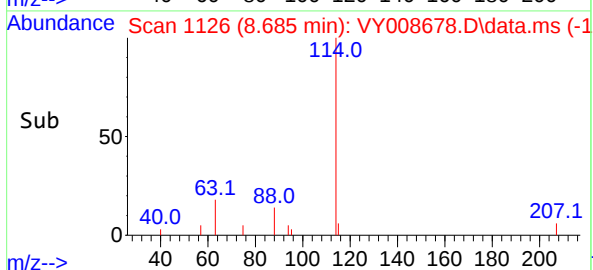
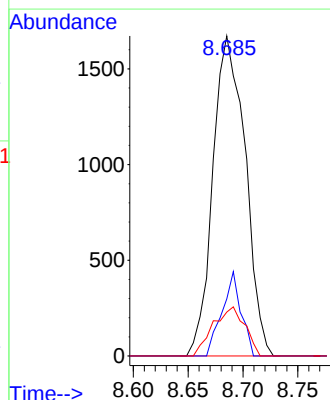
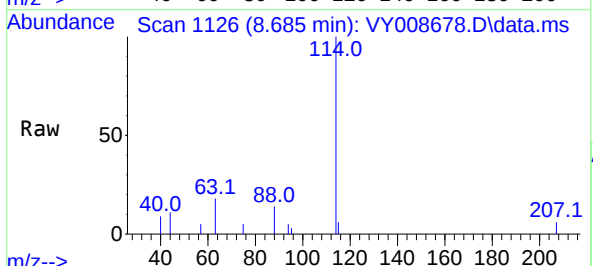
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

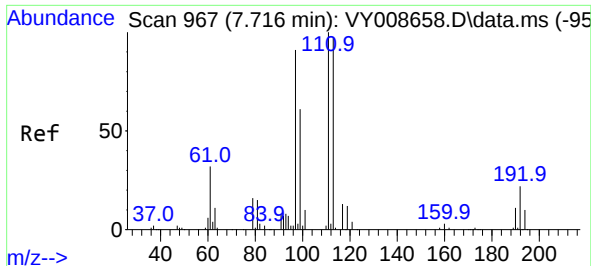
Tgt Ion: 65 Resp: 733
Ion Ratio Lower Upper
65 100
67 100.5 0.0 99.4#



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 114 Resp: 3434
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 13.7 0.0 31.8

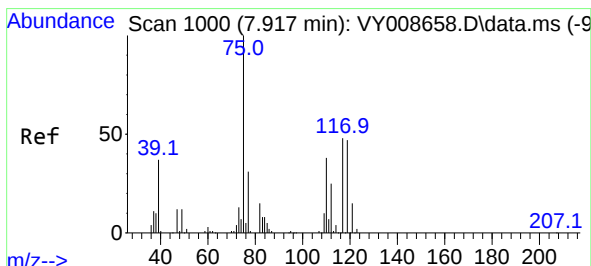
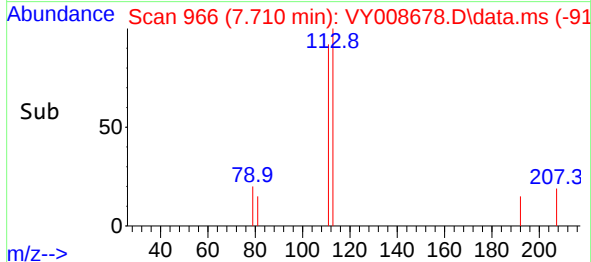
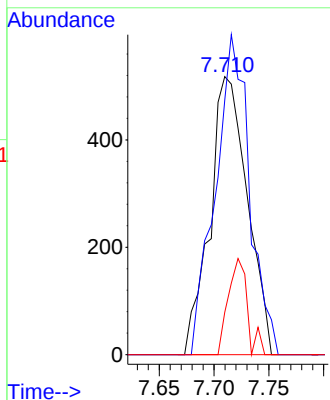
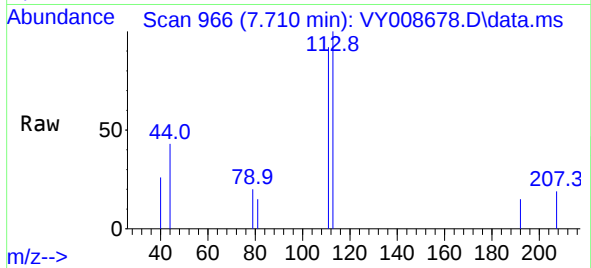




#35
Dibromofluoromethane
Concen: 58.171 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

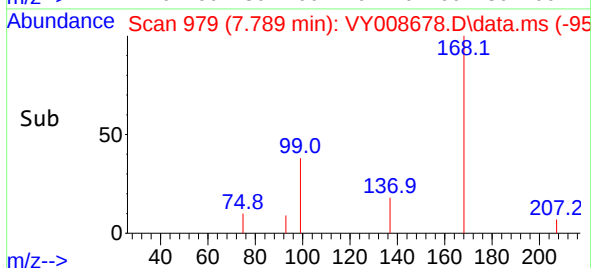
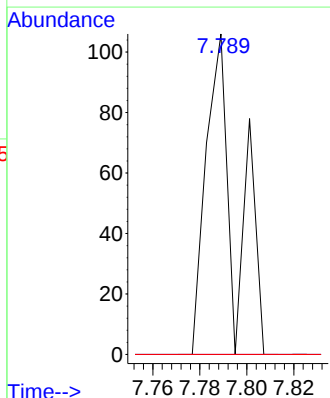
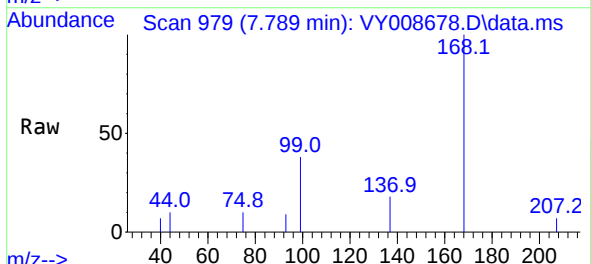
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

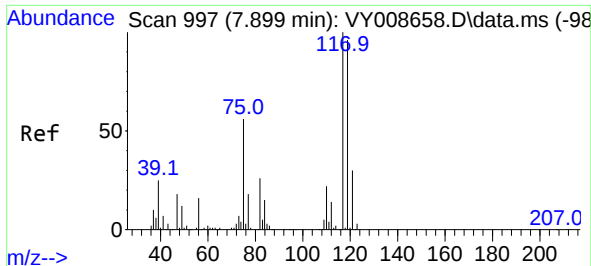
Tgt Ion:113 Resp: 1231
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.735 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

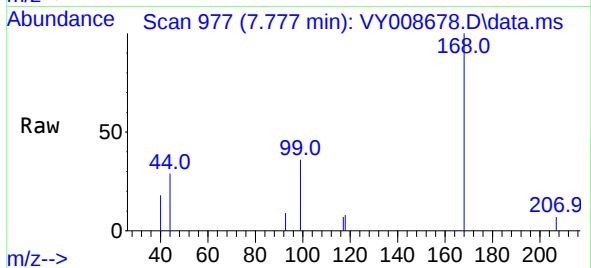
Tgt Ion: 75 Resp: 93
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



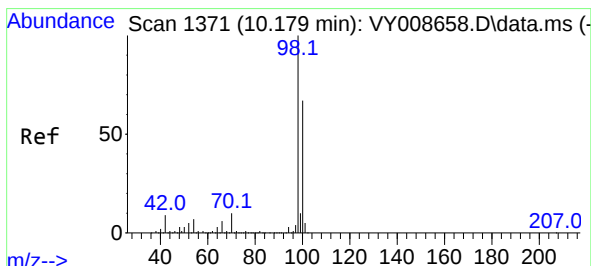
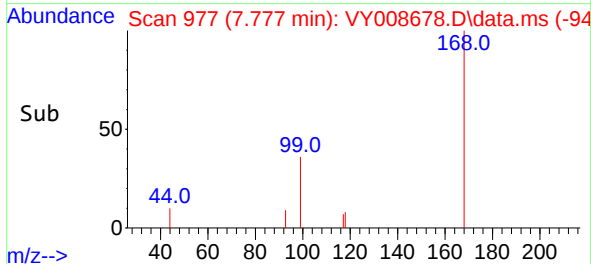
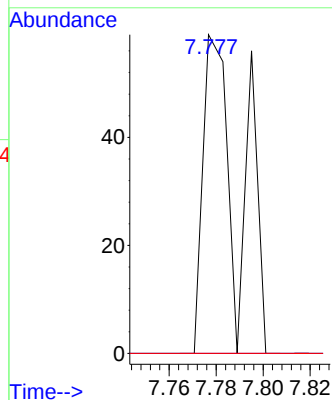


#38
Carbon Tetrachloride
Concen: 1.803 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

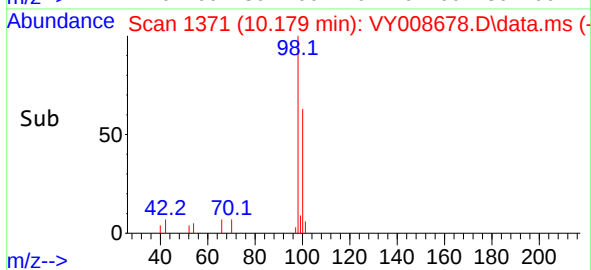
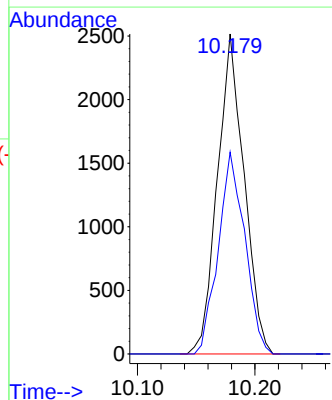
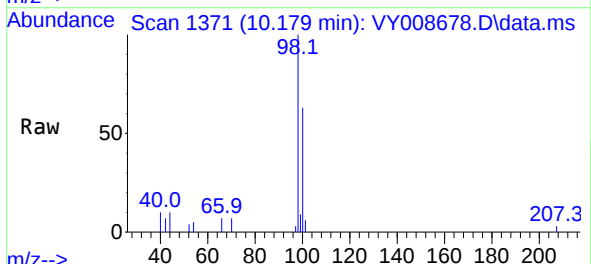


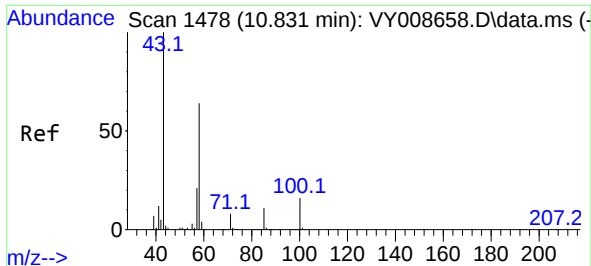
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.236 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 98 Resp: 3970
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

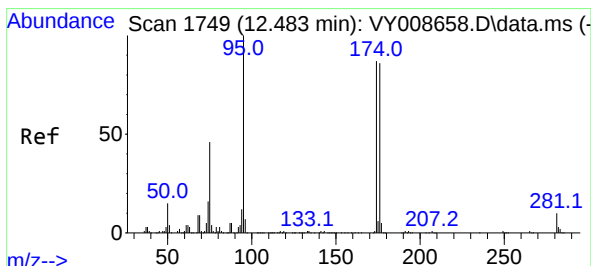
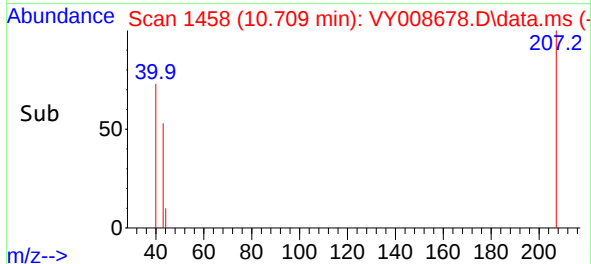
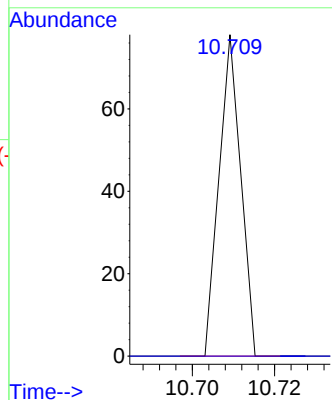
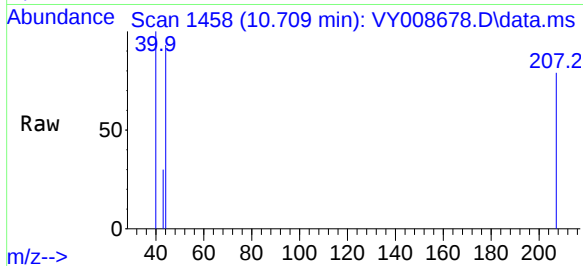




#59
2-Hexanone
Concen: 2.636 ug/l
RT: 10.709 min Scan# 1478
Delta R.T. -0.122 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

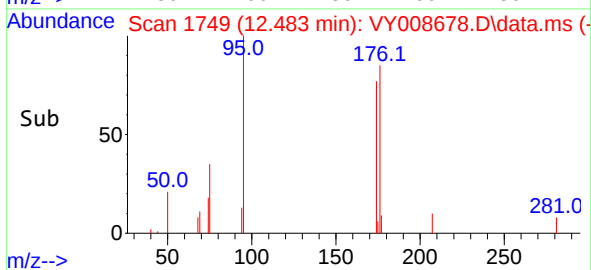
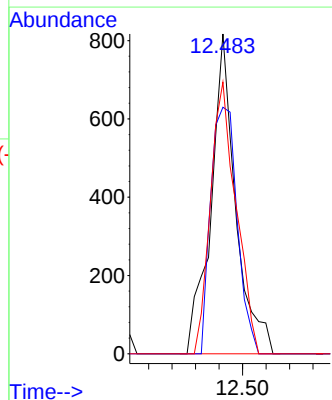
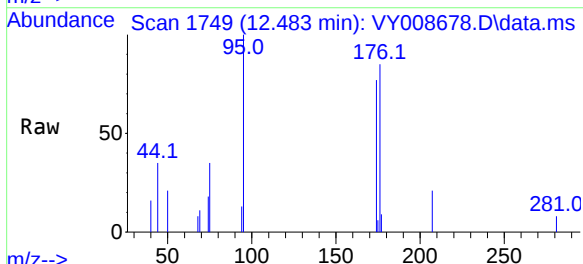
Instrument :
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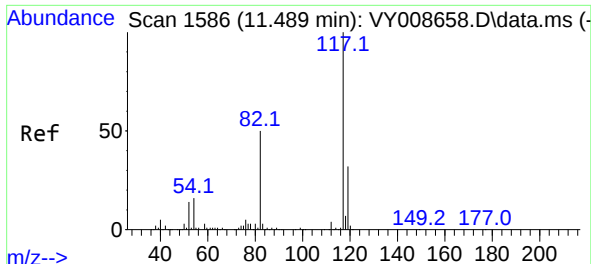
Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 44.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 95 Resp: 1196
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 87.5 0.0 175.8

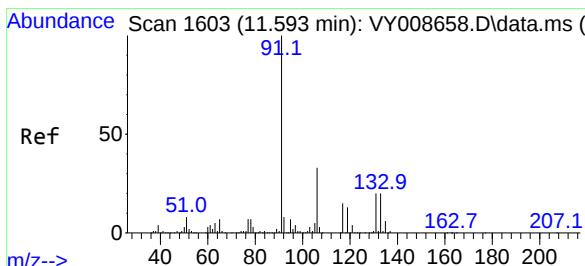
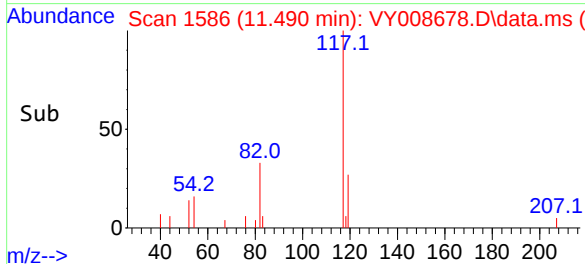
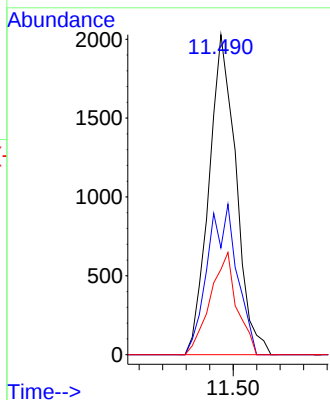
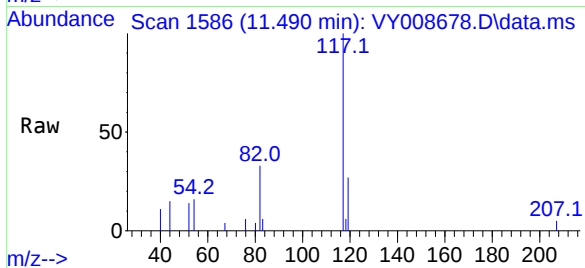




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

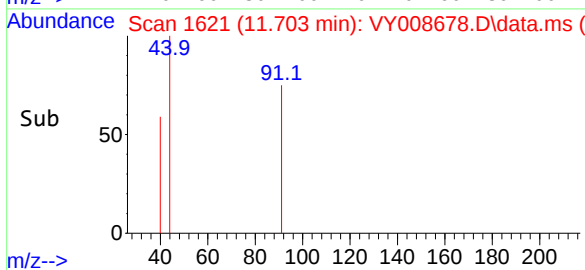
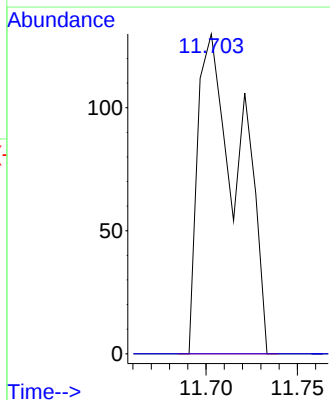
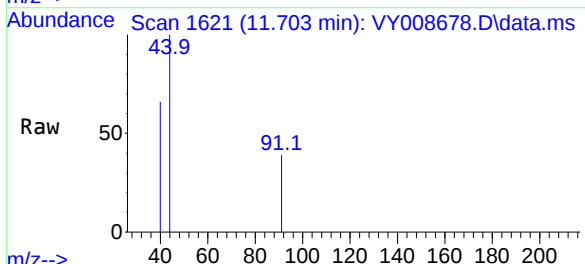
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

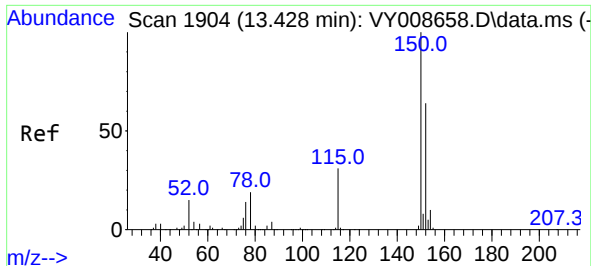
Tgt Ion:117 Resp: 3262
Ion Ratio Lower Upper
117 100
82 33.4 43.0 64.4#
119 26.7 25.4 38.0



#67
Ethyl Benzene
Concen: 1.635 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.110 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

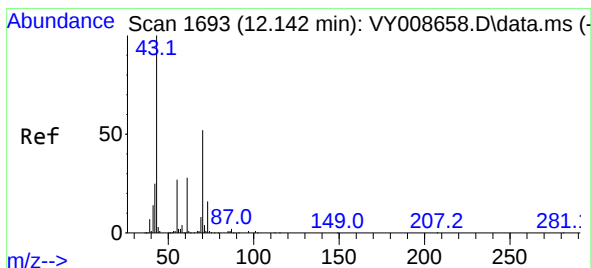
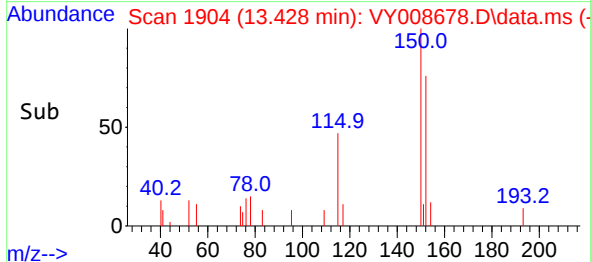
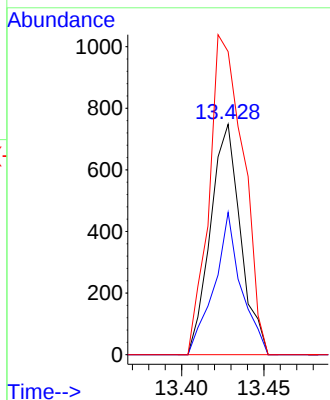
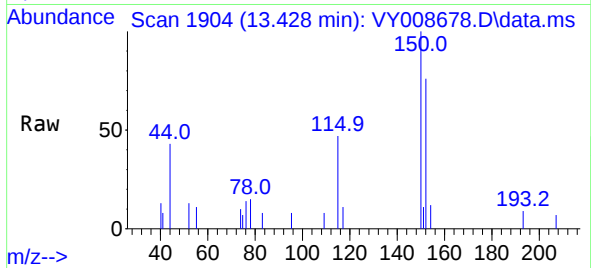




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

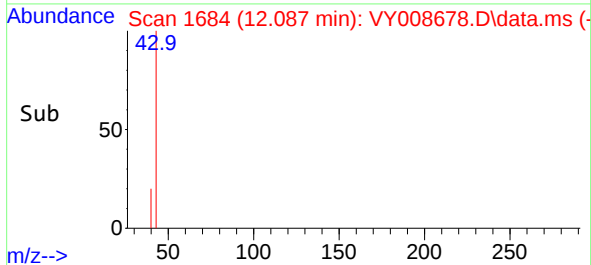
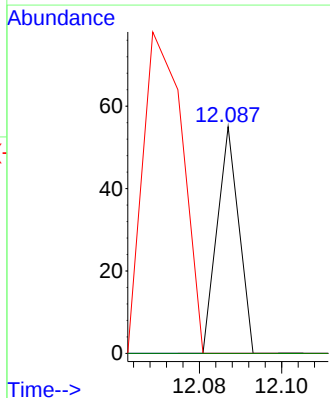
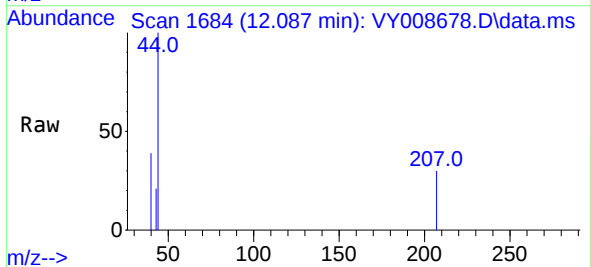
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

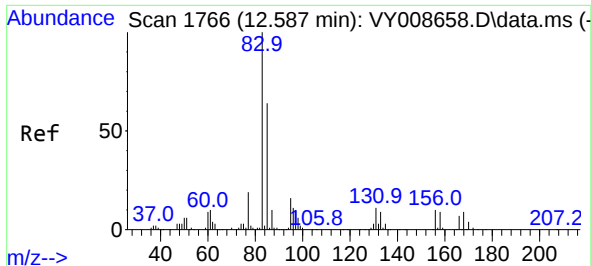
Tgt Ion:152 Resp: 954
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.7 0.0 347.6



#74
N-ethyl acetate
Concen: 1.222 ug/l
RT: 12.087 min Scan# 1684
Delta R.T. -0.055 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 375.0 17.3 25.9#
61 0.0 17.0 25.6#

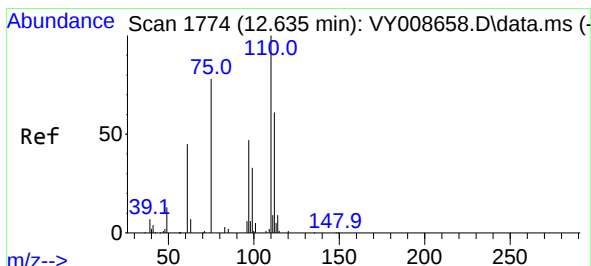
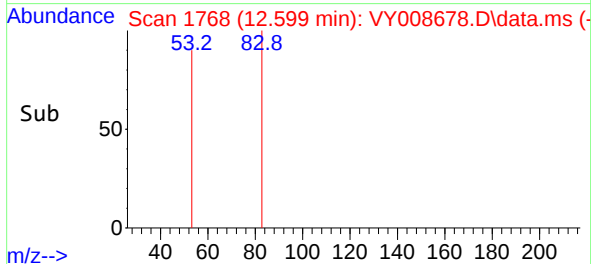
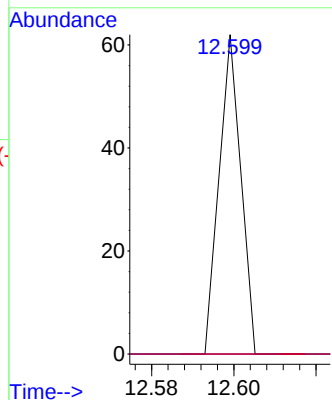
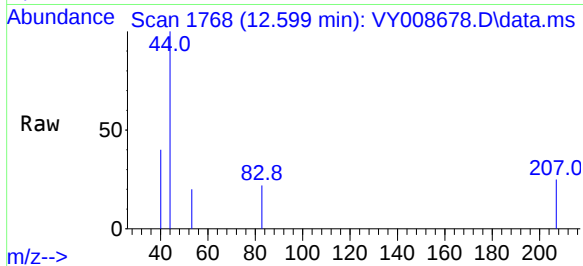




#75
1,1,2,2-Tetrachloroethane
Concen: 1.508 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.012 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

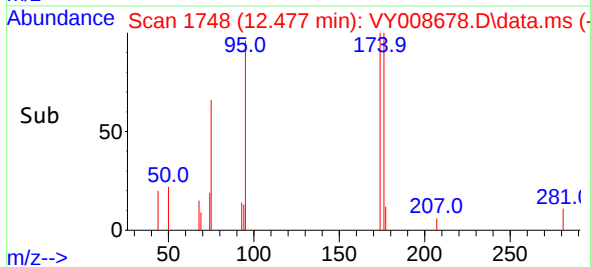
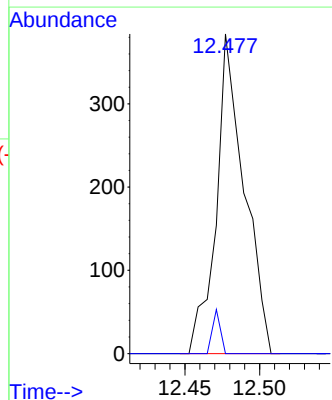
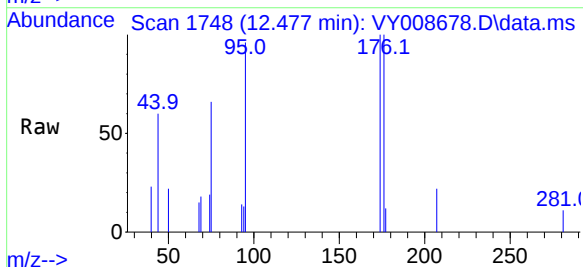
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

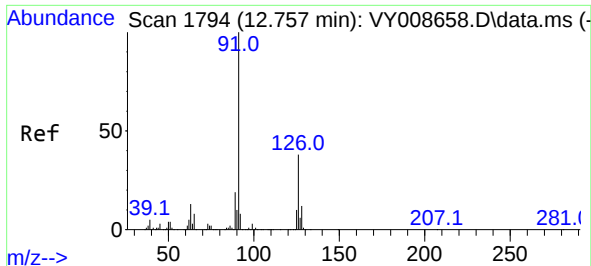
Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 46.401 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
77 3.8 0.0 0.0#

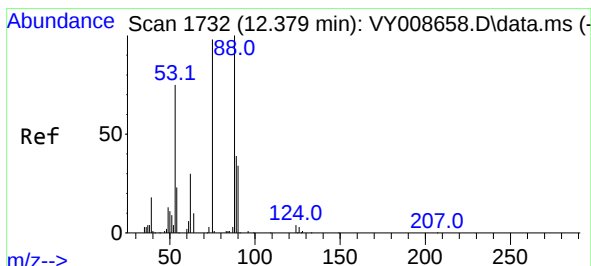
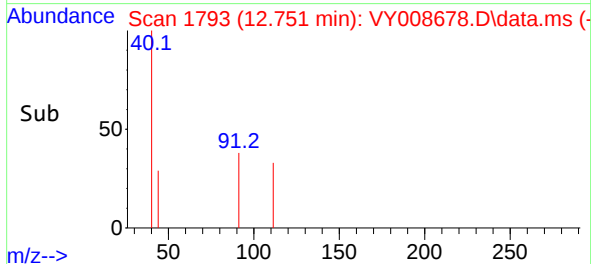
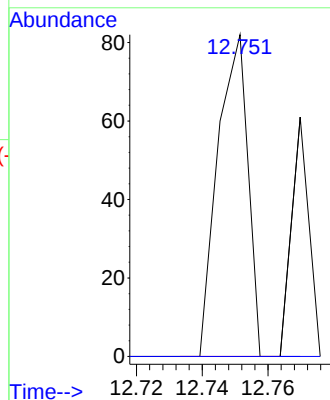
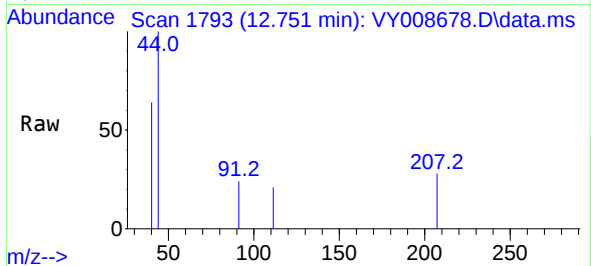




#79
2-Chlorotoluene
Concen: 1.085 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-34

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.317 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008678.D
Acq: 10 May 2022 14:07

Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

