

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009257.D
 Acq On : 21 Jun 2022 15:38
 Operator : KP/MD
 Sample : VY0621SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL01

Quant Time: Jun 22 06:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

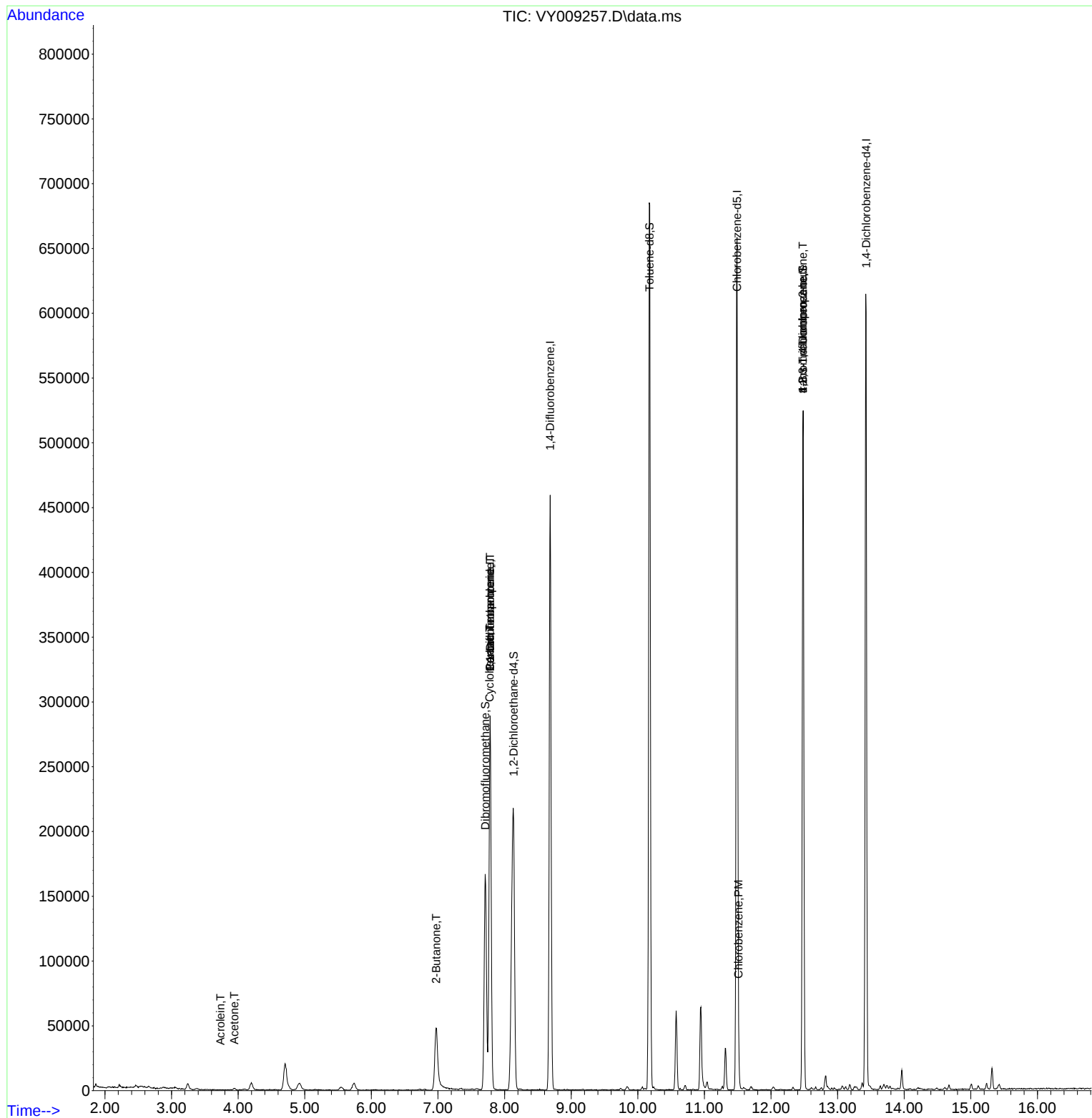
Internal Standards						
1) Pentafluorobenzene	7.783	168	225679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126709	51.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.24%			
35) Dibromofluoromethane	7.710	113	120551	48.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.38%			
50) Toluene-d8	10.179	98	459690	47.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.66%			
62) 4-Bromofluorobenzene	12.477	95	154957	45.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.78%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	5485	Below Cal	#	82
13) Acrolein	3.735	56	142	31.10	ug/l #	14
16) Acetone	3.942	43	2002	3.27	ug/l #	83
18) Methyl Acetate	4.473	43	123	Below Cal	#	56
20) Methylene Chloride	4.704	84	14900	Below Cal		89
25) 2-Butanone	6.972	43	3350	3.39	ug/l #	86
31) Cyclohexane	7.777	56	4642	1.08	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17084	4.49	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21760	5.50	ug/l #	15
65) Chlorobenzene	11.514	112	9073	1.12	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	79341	42.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79341	89.50	ug/l #	7

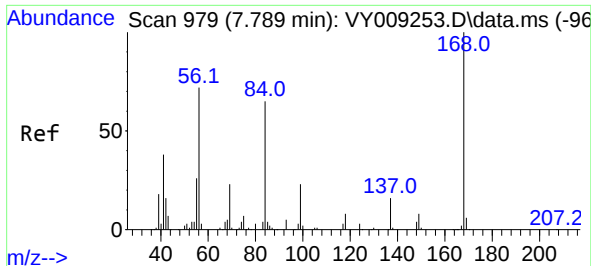
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
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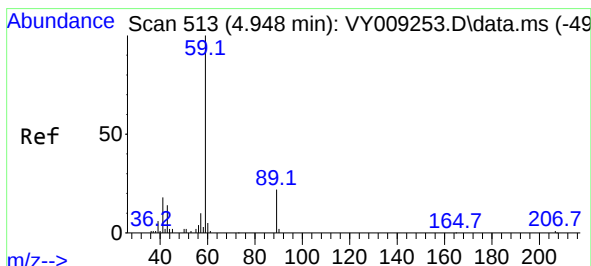
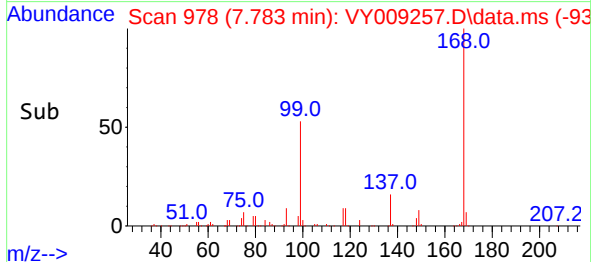
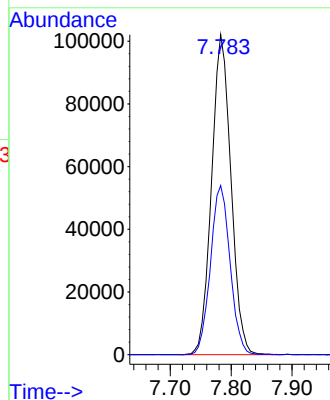
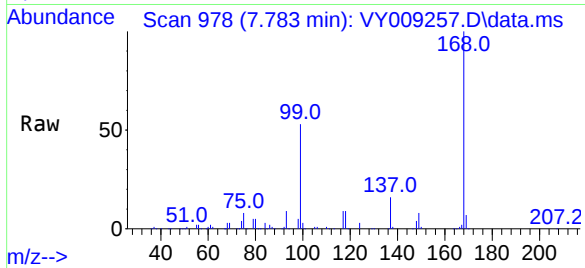




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

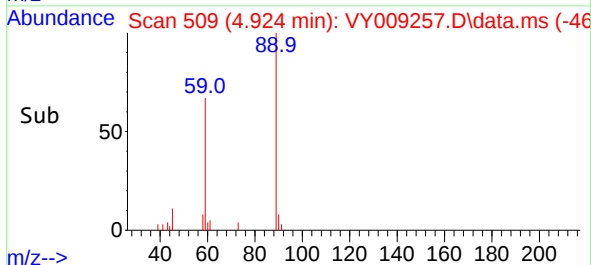
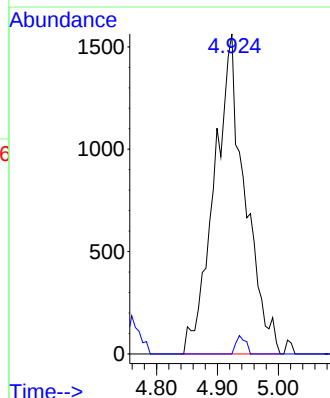
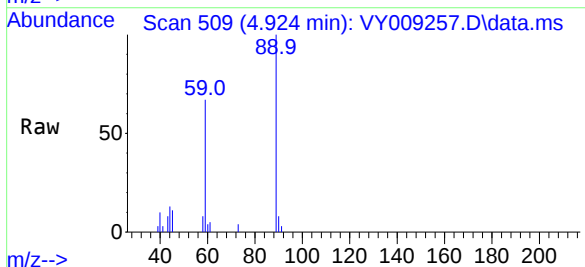
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

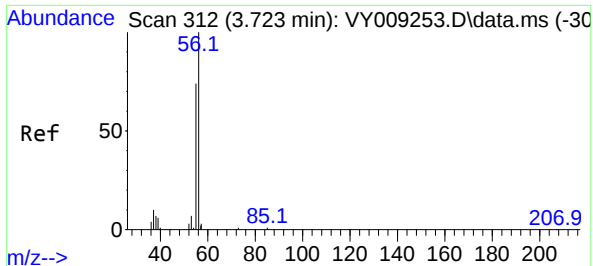
Tgt Ion:168 Resp: 225679
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 59 Resp: 5485
Ion Ratio Lower Upper
59 100
57 1.8 6.4 9.6#

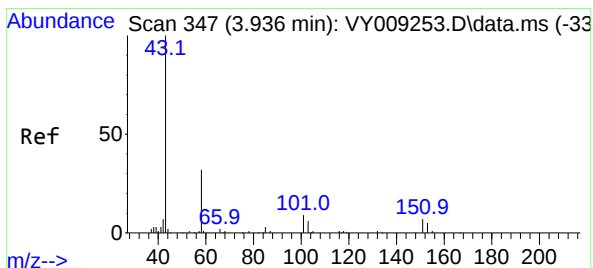
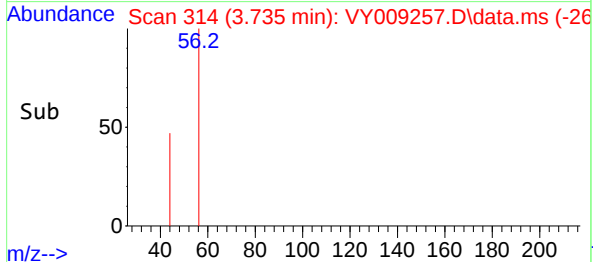
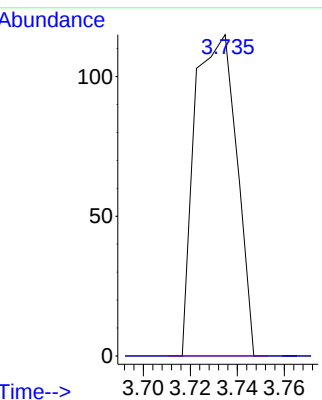
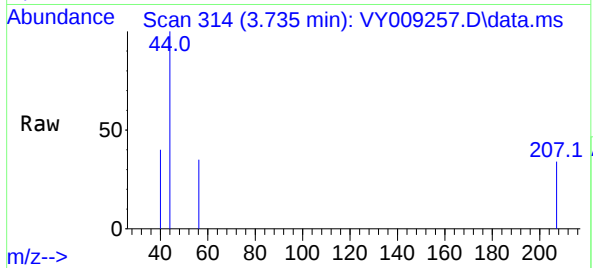




#13
Acrolein
Concen: 31.10 ug/l
RT: 3.735 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

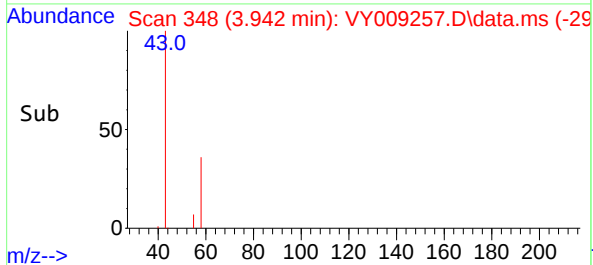
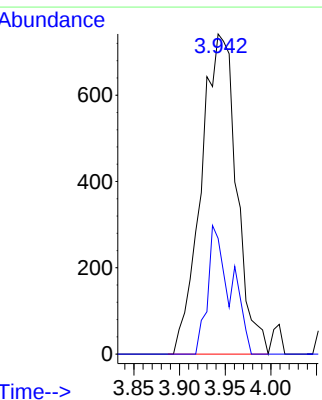
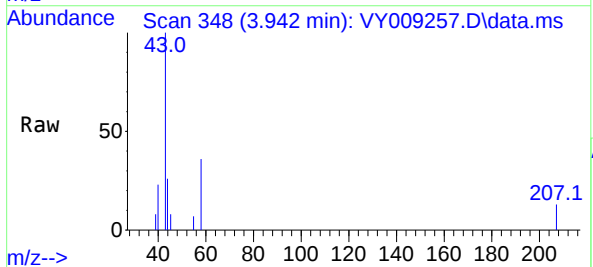
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

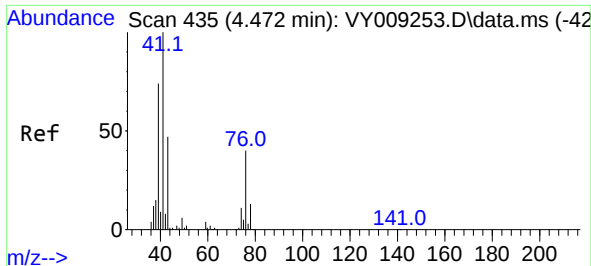
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 3.27 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 36.1 22.0 33.0#

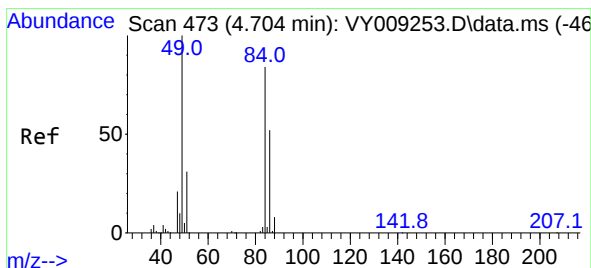
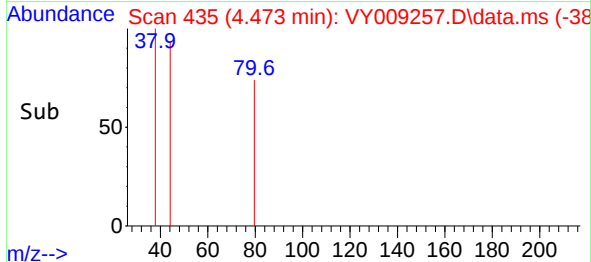
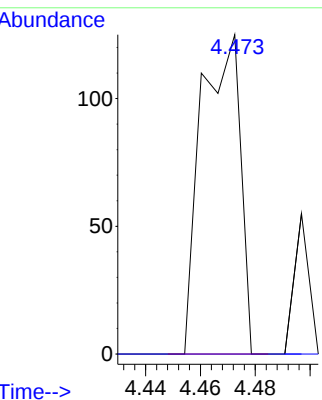
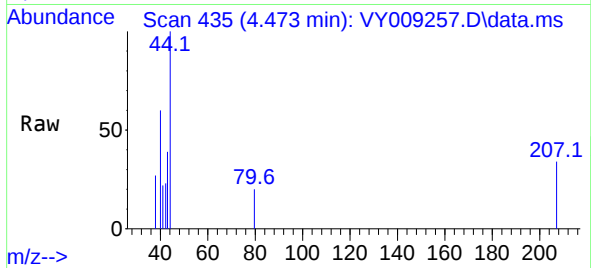




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

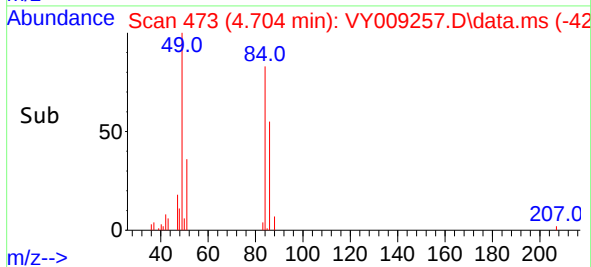
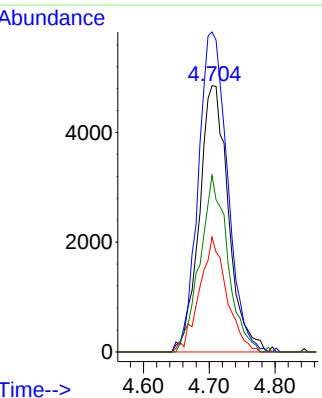
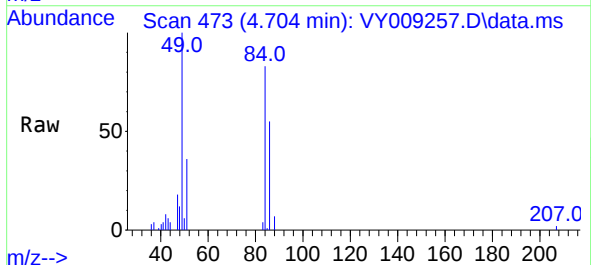
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

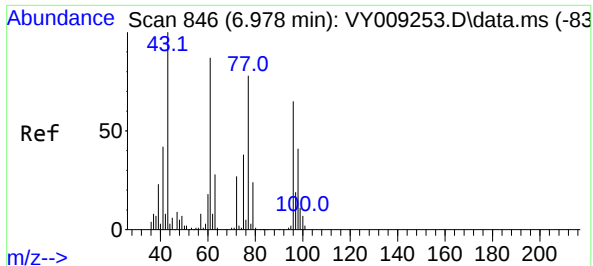
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 84 Resp: 14900
Ion Ratio Lower Upper
84 100
49 120.2 114.4 171.6
51 43.1 35.3 52.9
86 66.3 53.7 80.5





#25

2-Butanone

Concen: 3.39 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009257.D

Acq: 21 Jun 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

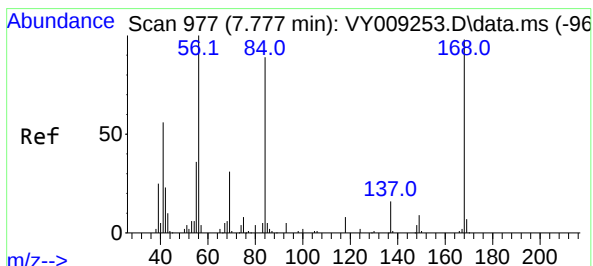
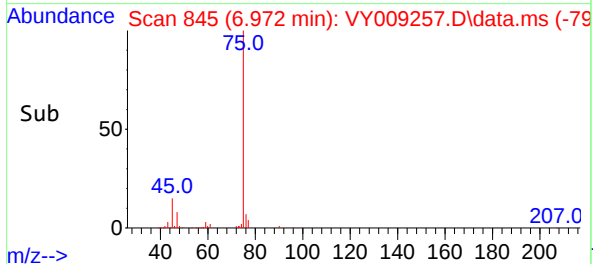
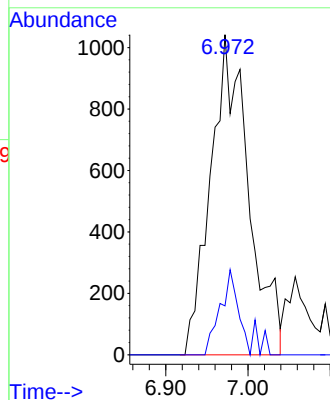
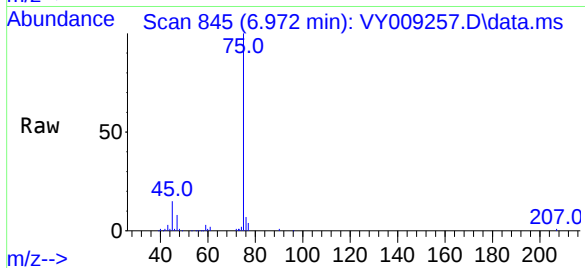
VY0621SBL01

Tgt Ion: 43 Resp: 3350

Ion Ratio Lower Upper

43 100

72 15.3 17.7 26.5#



#31

Cyclohexane

Concen: 1.08 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009257.D

Acq: 21 Jun 2022 15:38

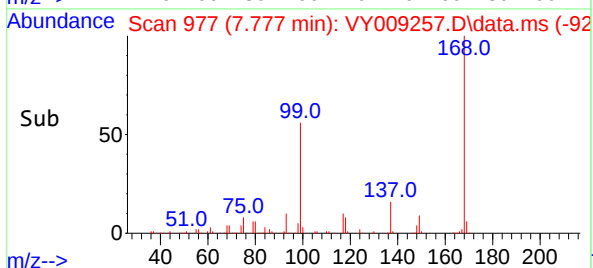
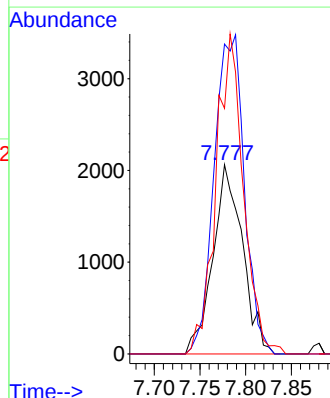
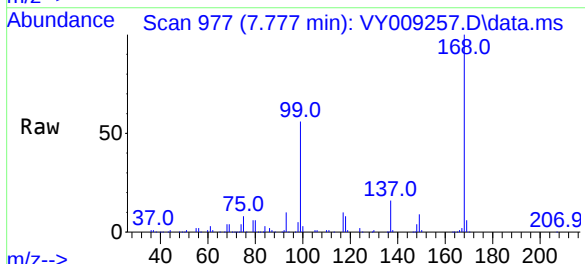
Tgt Ion: 56 Resp: 4642

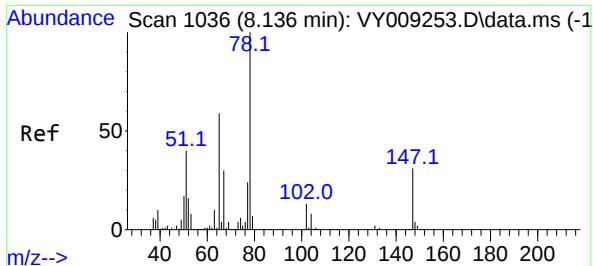
Ion Ratio Lower Upper

56 100

69 163.8 26.7 40.1#

84 129.8 67.2 100.8#

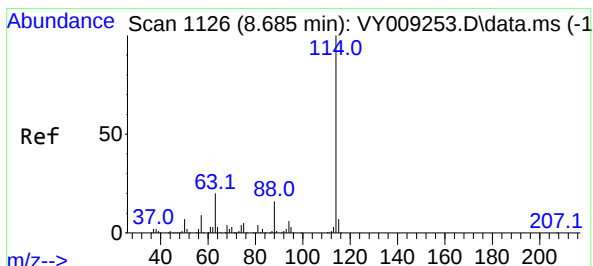
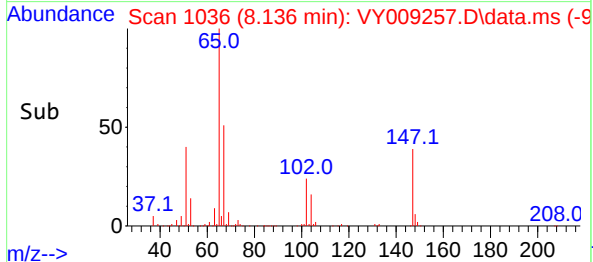
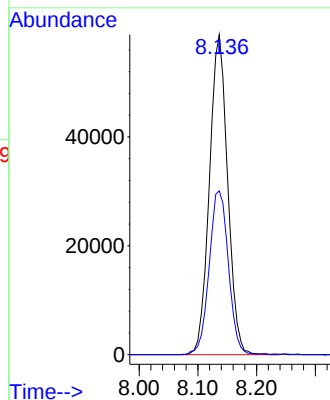
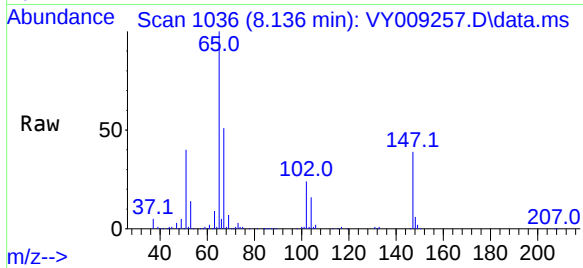




#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

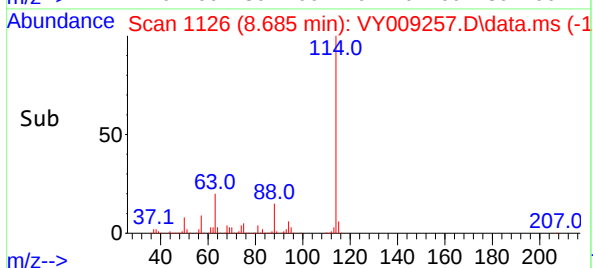
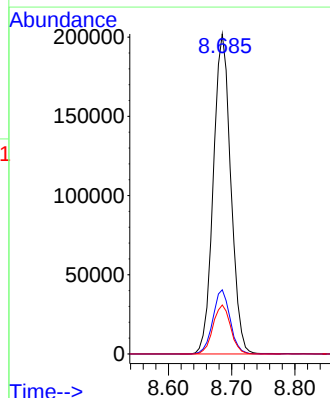
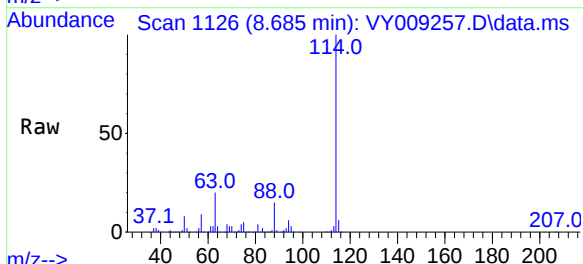
Instrument :
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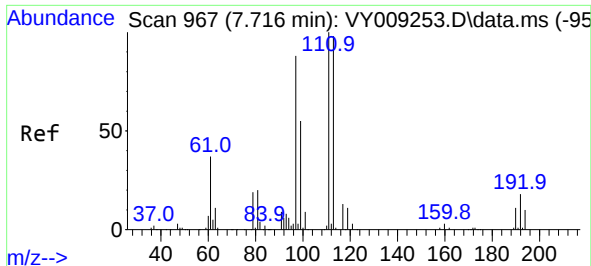
Tgt Ion: 65 Resp: 126709
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 114 Resp: 386284
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.3 0.0 31.8

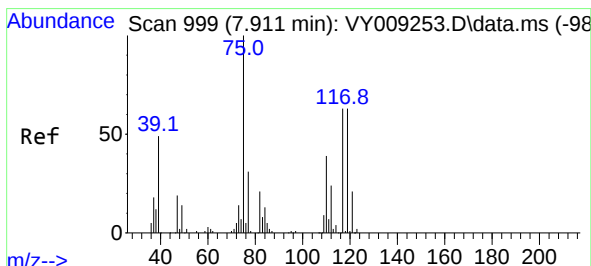
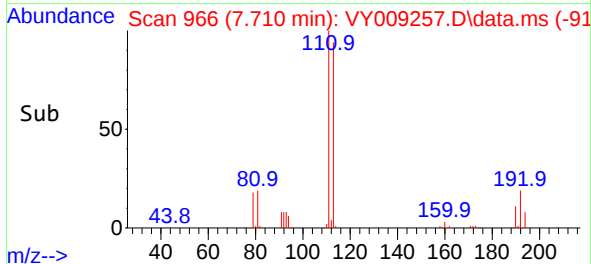
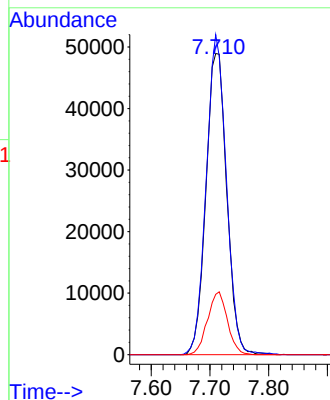
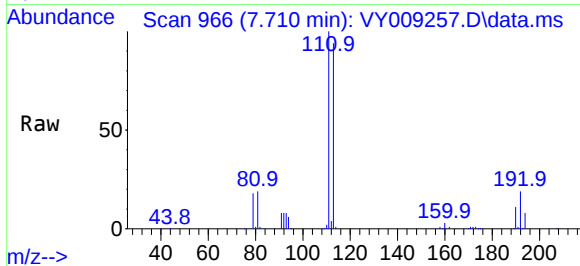




#35
Dibromofluoromethane
Concen: 48.19 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

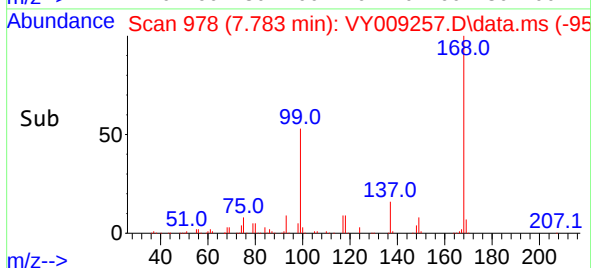
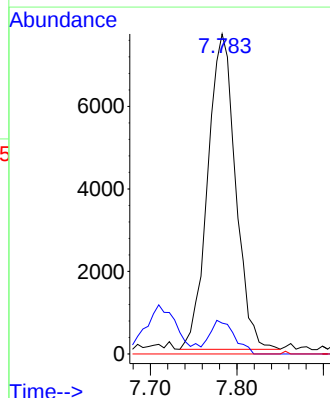
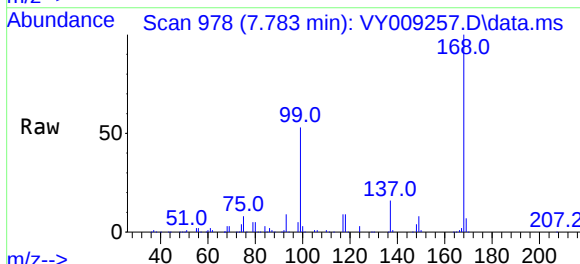
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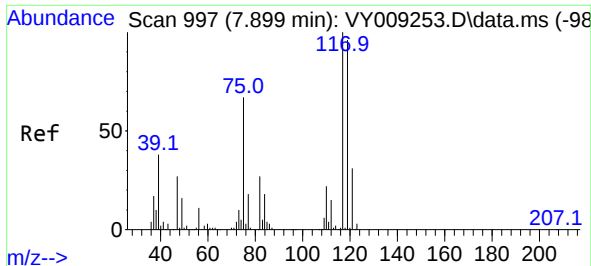
Tgt Ion:113 Resp: 120551
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 75 Resp: 17084
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

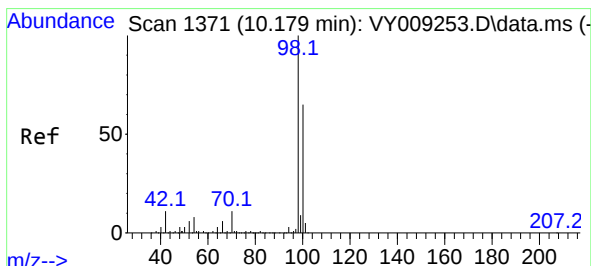
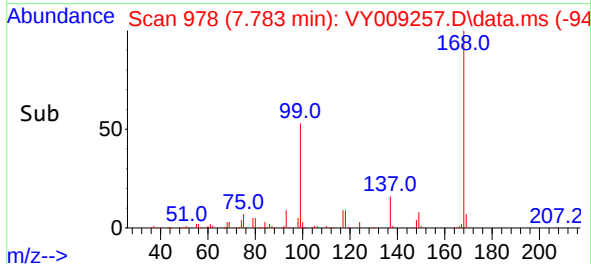
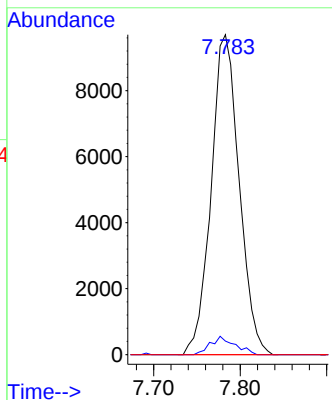
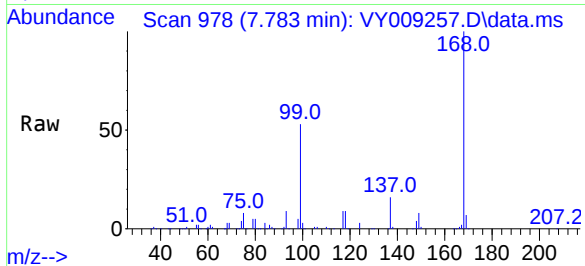




#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

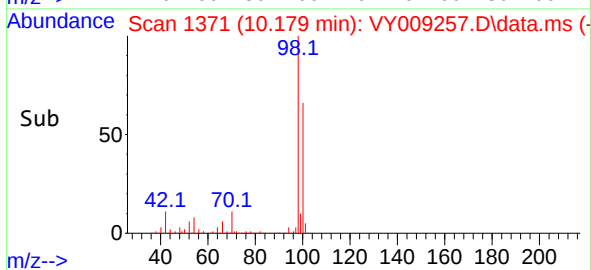
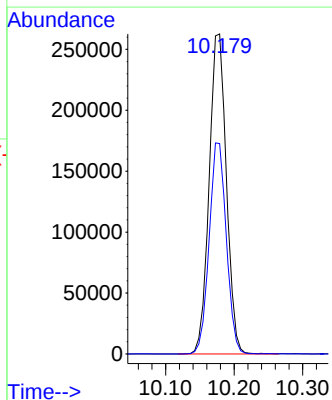
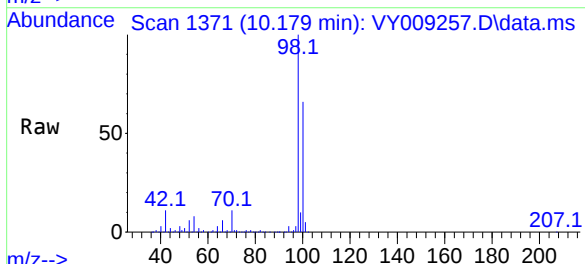
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

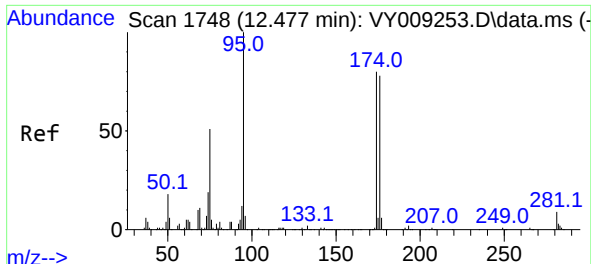
Tgt Ion:117 Resp: 21760
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.83 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 98 Resp: 459690
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

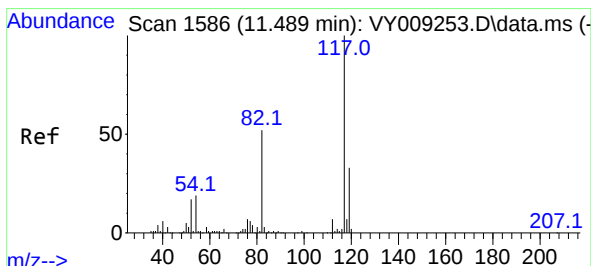
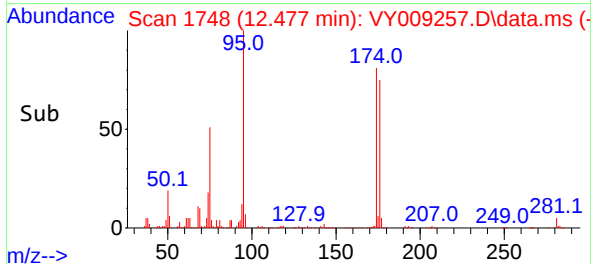
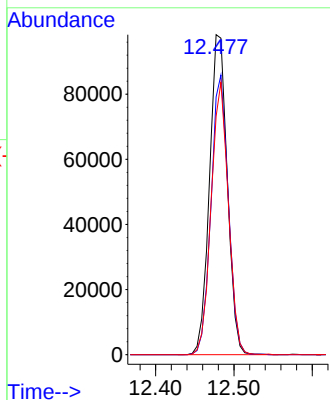
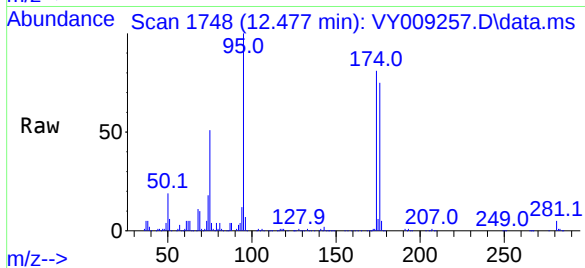




#62
4-Bromofluorobenzene
Concen: 45.89 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

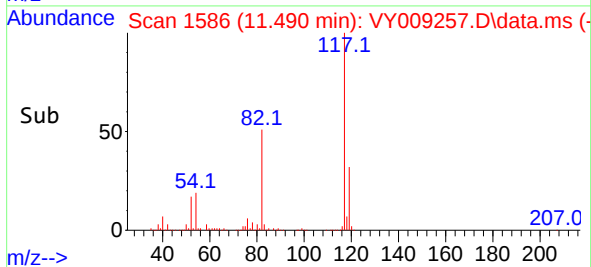
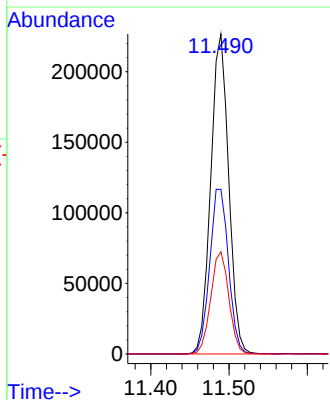
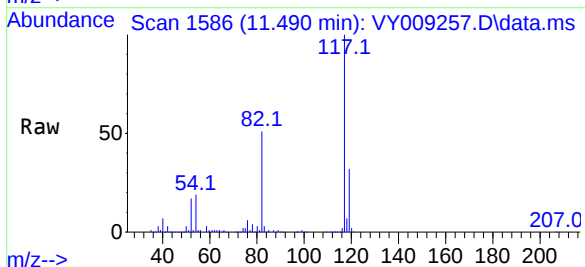
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

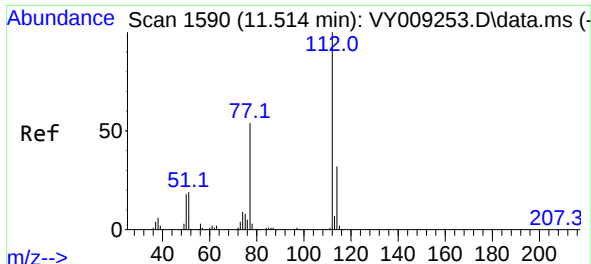
Tgt Ion: 95 Resp: 154957
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 117 Resp: 360787
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.9 25.4 38.0

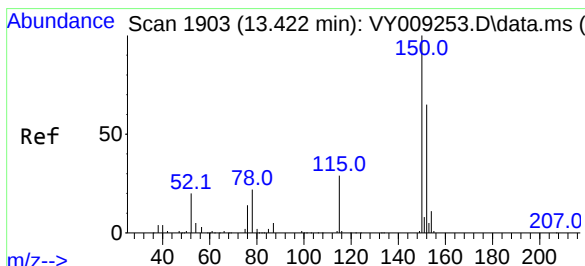
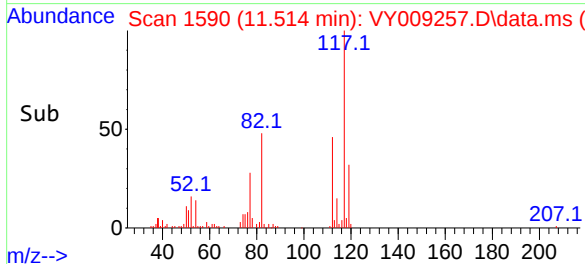
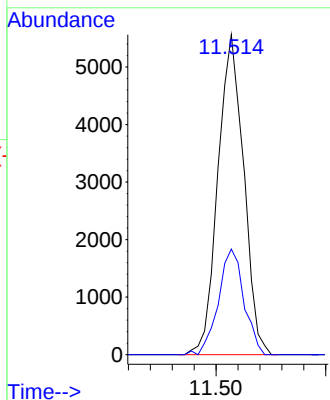
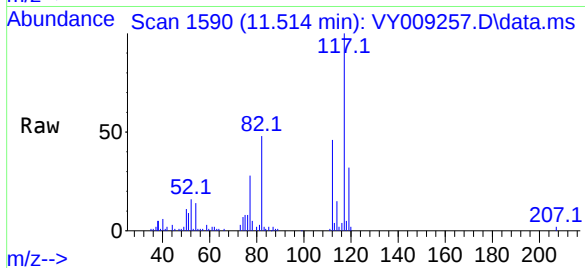




#65
Chlorobenzene
Concen: 1.12 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

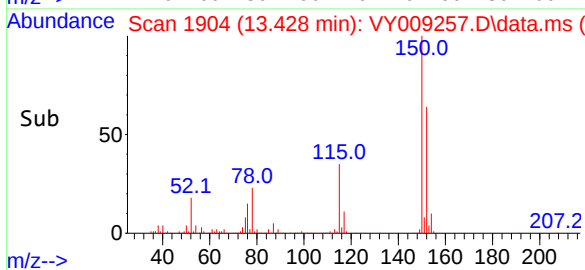
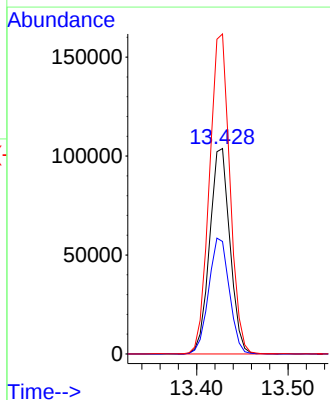
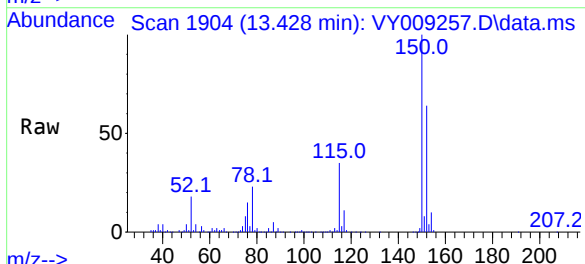
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

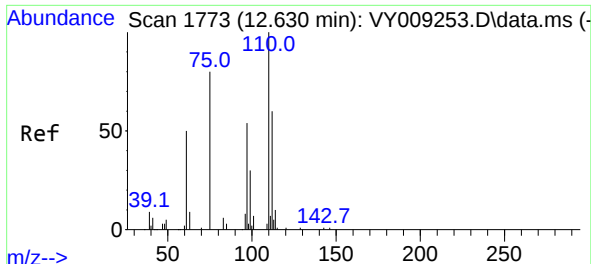
Tgt Ion:112 Resp: 9073
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion:152 Resp: 160333
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.0 0.0 347.6

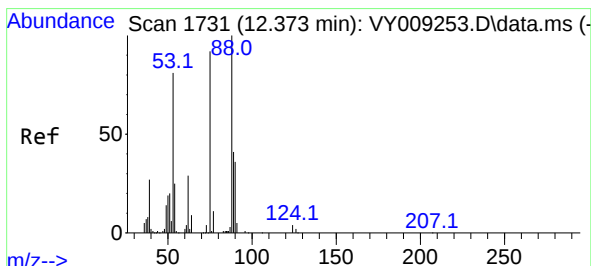
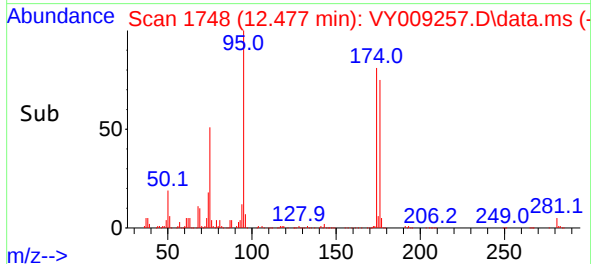
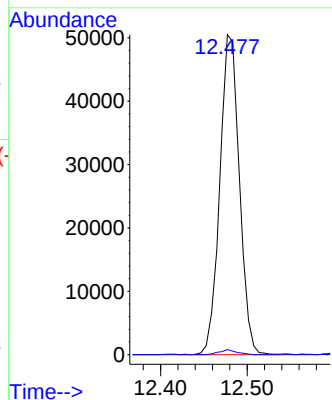
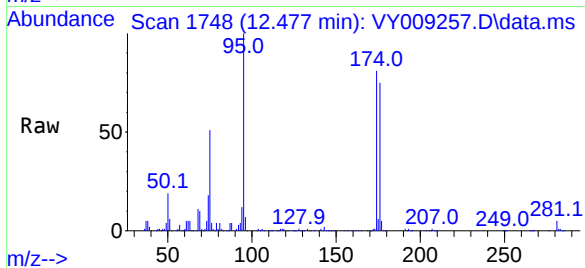




#76
1,2,3-Trichloropropane
Concen: 42.21 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

Tgt Ion: 75 Resp: 79341
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.50 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 75 Resp: 79341
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

