

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012214.D
 Acq On : 17 Jan 2023 11:06
 Operator : KP/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 18 00:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

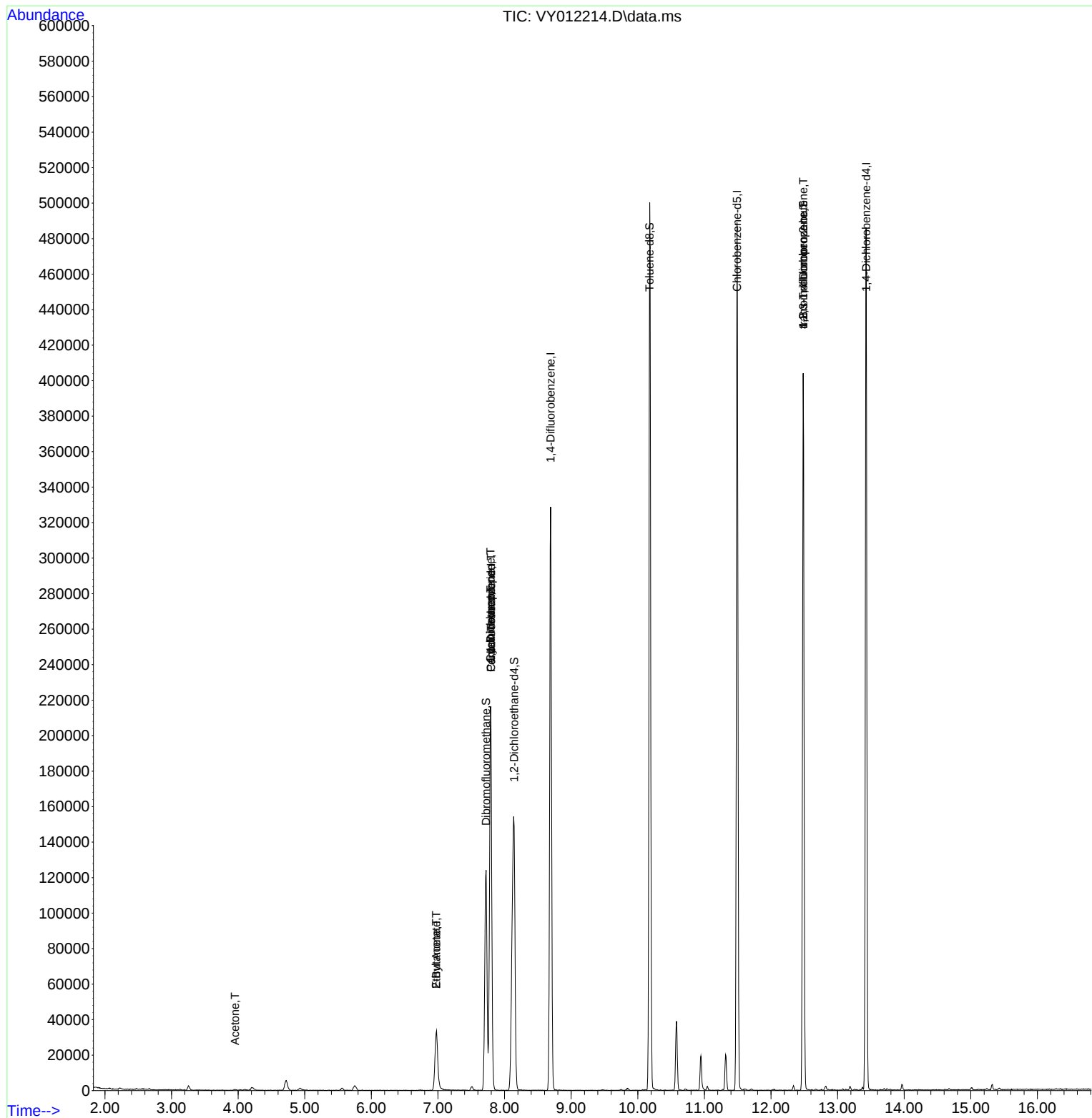
Internal Standards						
1) Pentafluorobenzene	7.795	168	173193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100014	71.347	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.700%			
35) Dibromofluoromethane	7.722	113	84801	55.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.580%			
50) Toluene-d8	10.179	98	338329	65.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.180%			
62) 4-Bromofluorobenzene	12.483	95	112248	52.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.760%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1410	Below Cal	#	74
16) Acetone	3.954	43	632	1.310	ug/l #	85
20) Methylene Chloride	4.716	84	4596	Below Cal	#	83
25) 2-Butanone	6.972	43	1623	3.048	ug/l #	70
31) Cyclohexane	7.789	56	3114	1.233	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	11372	4.402	ug/l #	51
37) Ethyl Acetate	6.972	43	1623	1.425	ug/l #	1
38) Carbon Tetrachloride	7.795	117	17461	5.233	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	60956	51.235	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60956	105.567	ug/l #	13

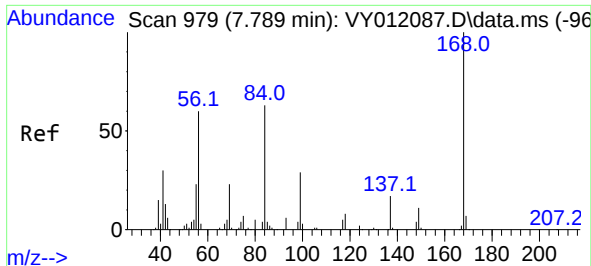
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
Data File : VY012214.D
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Sample : VY0117SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

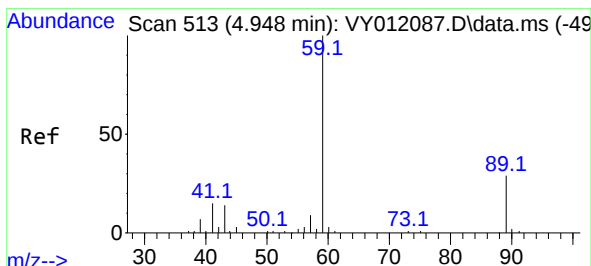
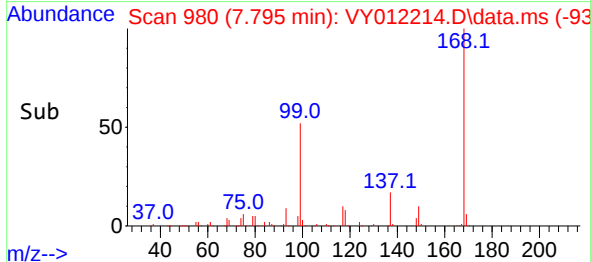
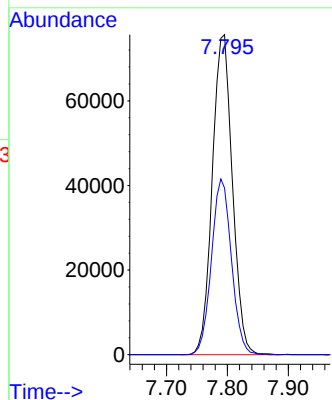
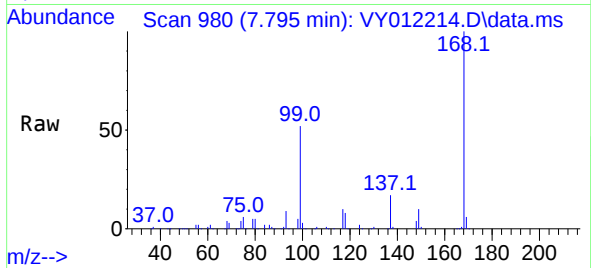




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

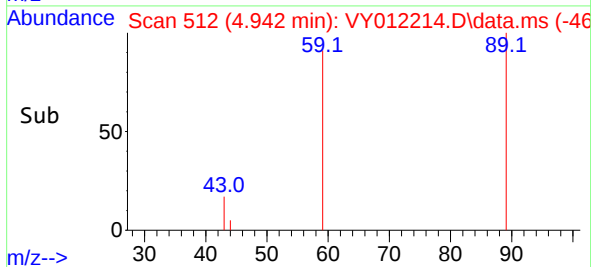
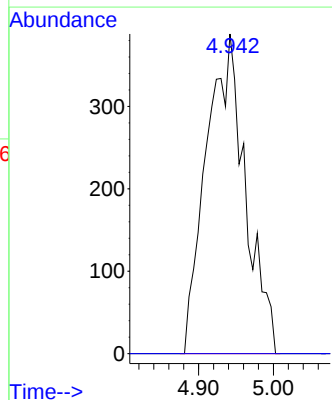
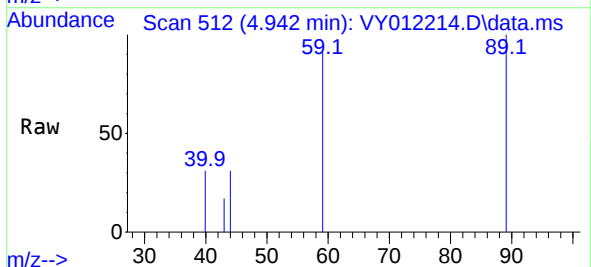
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

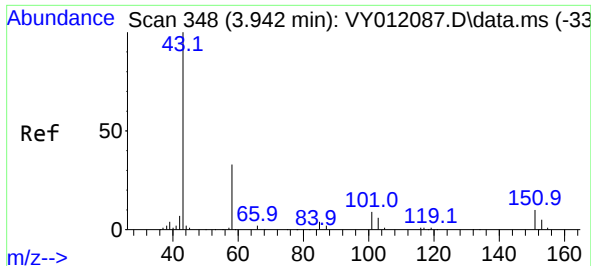
Tgt Ion:168 Resp: 173193
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 59 Resp: 1410
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

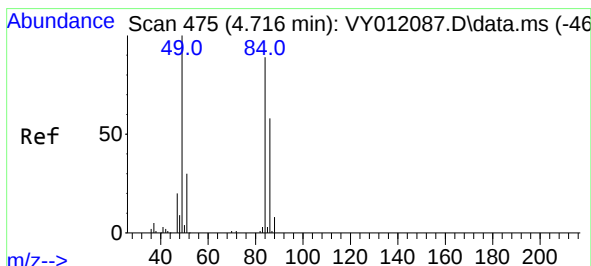
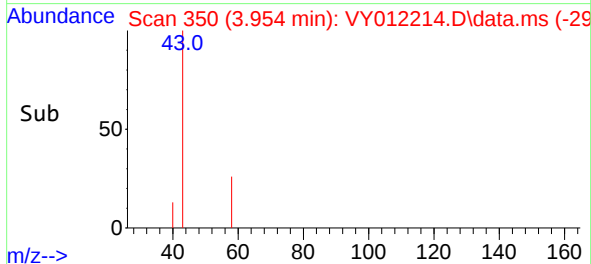
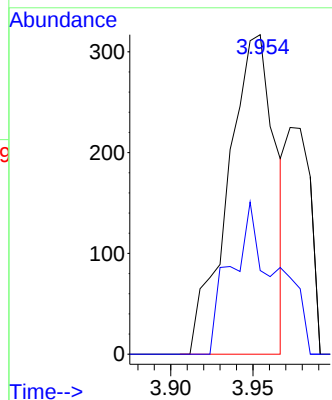
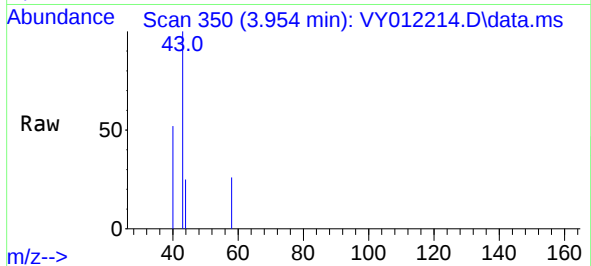




#16
Acetone
Concen: 1.310 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

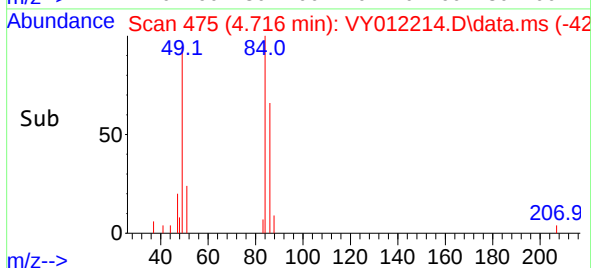
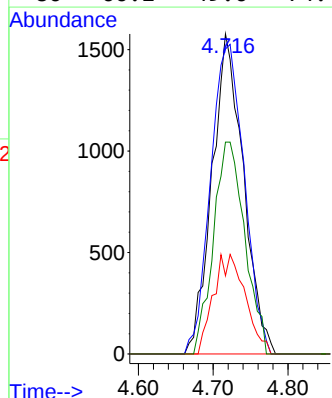
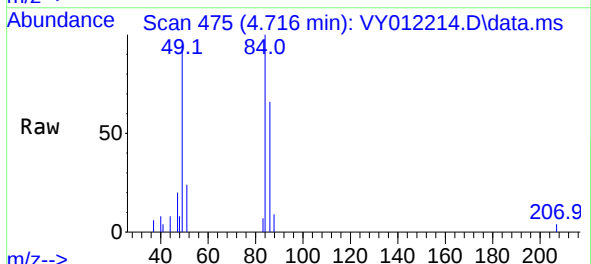
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

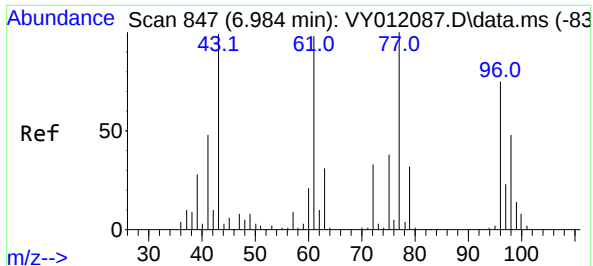
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 26.2 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 84 Resp: 4596
Ion Ratio Lower Upper
84 100
49 95.3 95.4 143.2#
51 24.5 29.9 44.9#
86 66.2 49.6 74.4

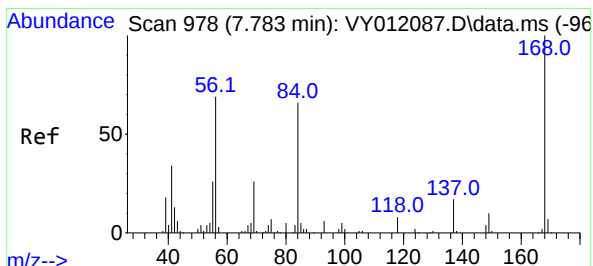
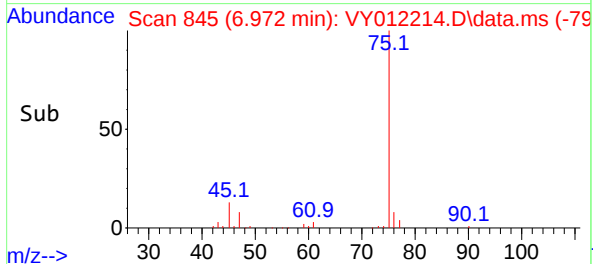
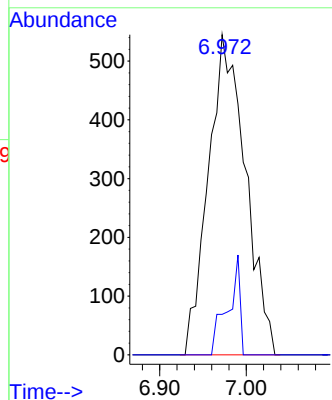
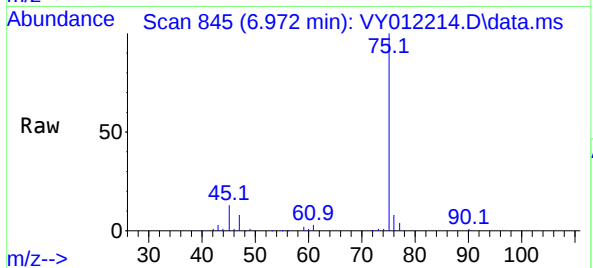




#25
2-Butanone
Concen: 3.048 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

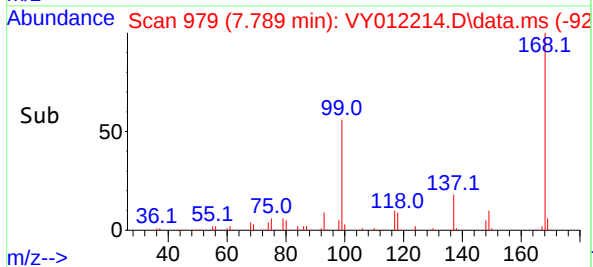
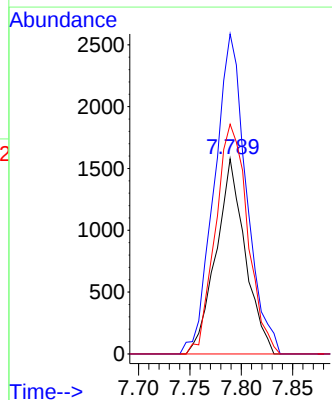
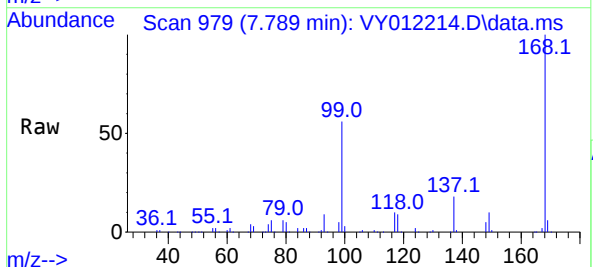
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

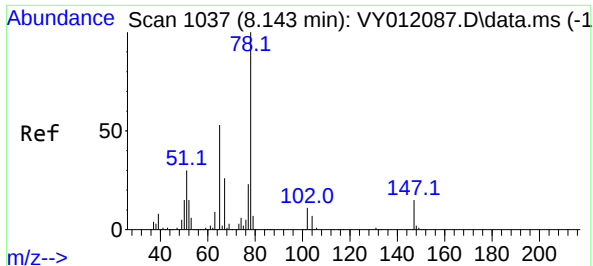
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
72 12.7 22.6 34.0#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 56 Resp: 3114
Ion Ratio Lower Upper
56 100
69 164.0 29.2 43.8#
84 117.7 72.6 108.8#

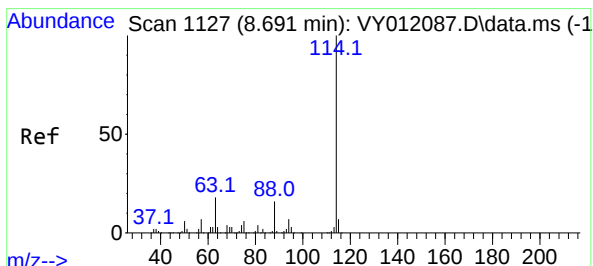
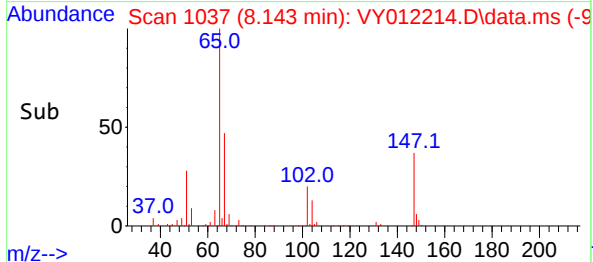
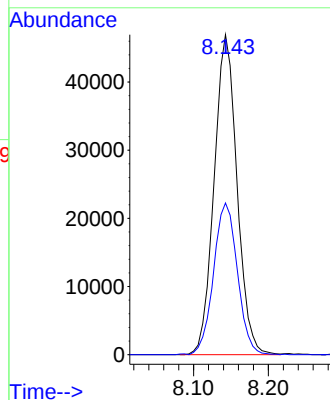
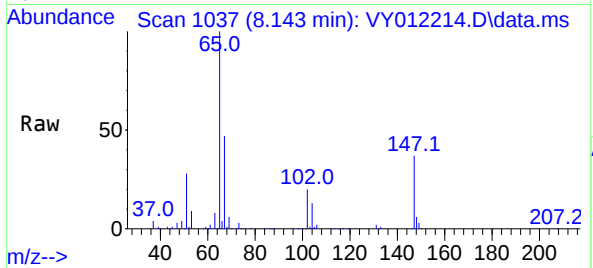




#33
1,2-Dichloroethane-d4
Concen: 71.347 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

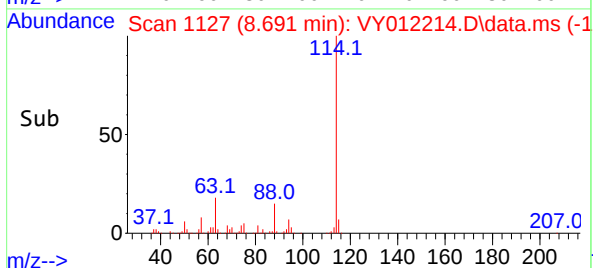
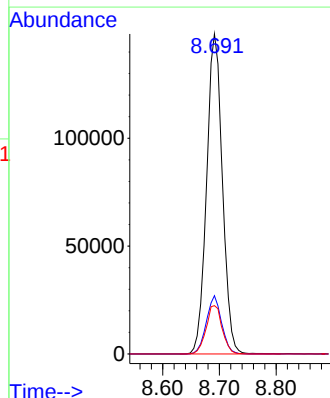
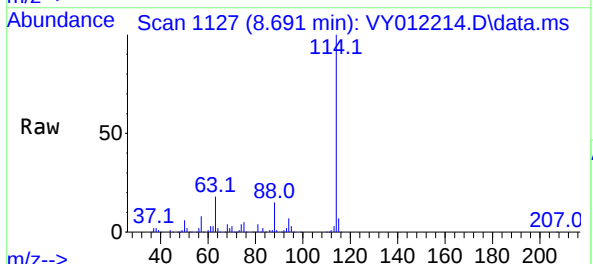
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

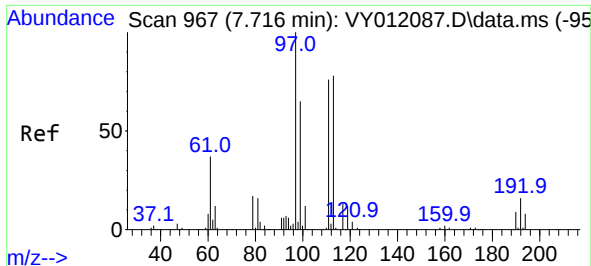
Tgt Ion: 65 Resp: 100014
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion:114 Resp: 287086
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 15.1 0.0 32.2

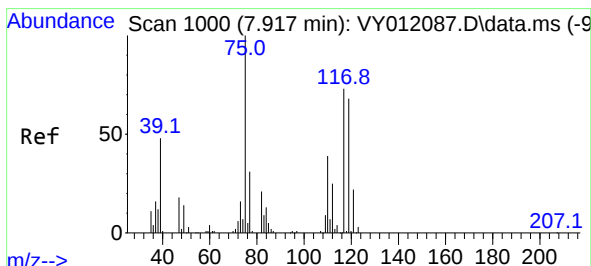
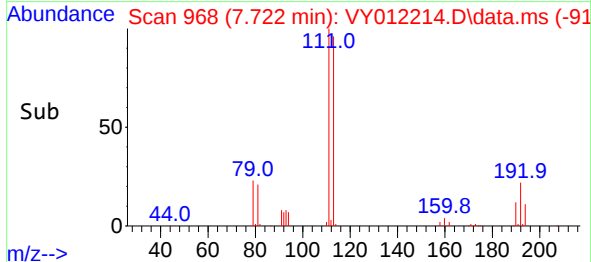
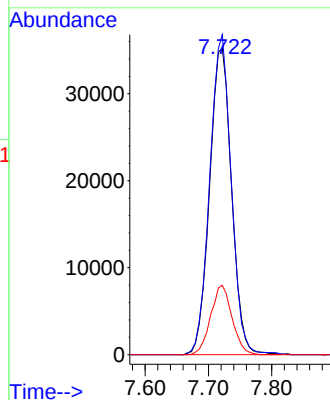
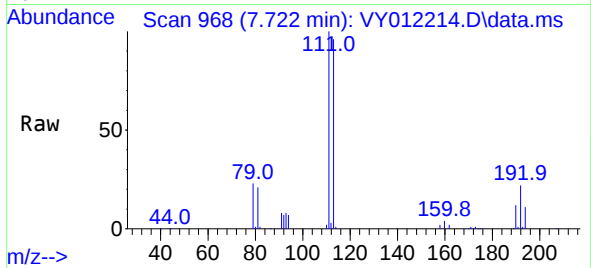




#35
Dibromofluoromethane
Concen: 55.786 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

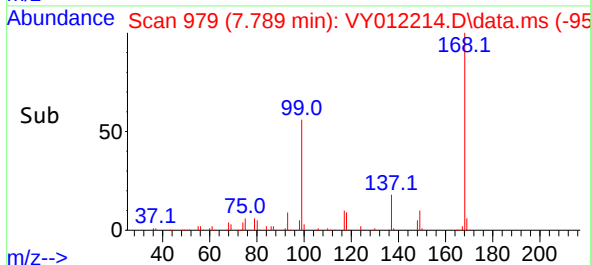
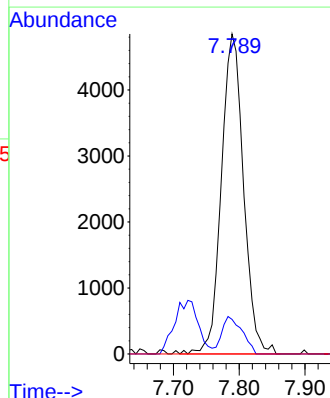
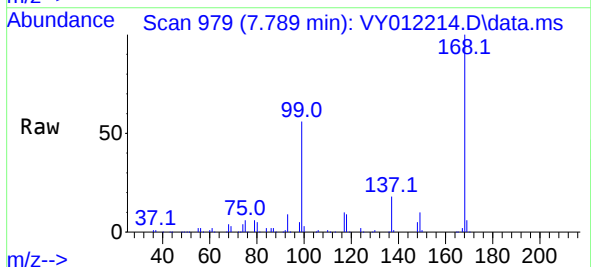
Instrument :
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ClientSampleId :
VY0117SBL01

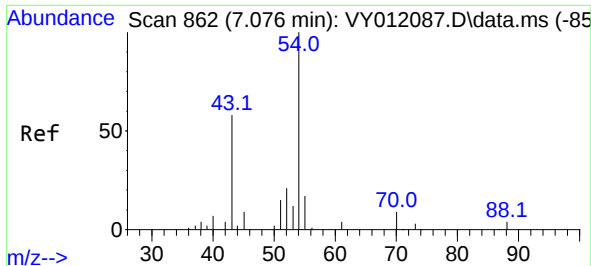
Tgt Ion:113 Resp: 84801
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 22.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 75 Resp: 11372
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#

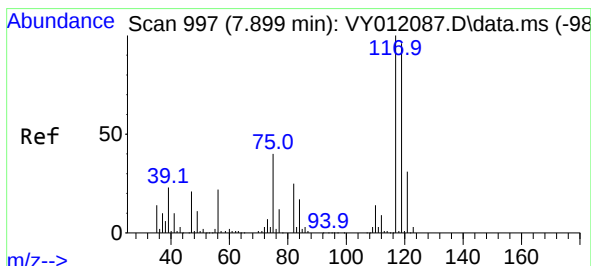
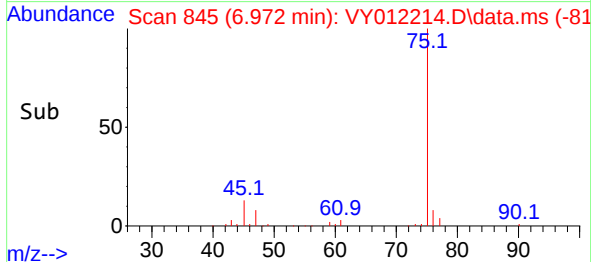
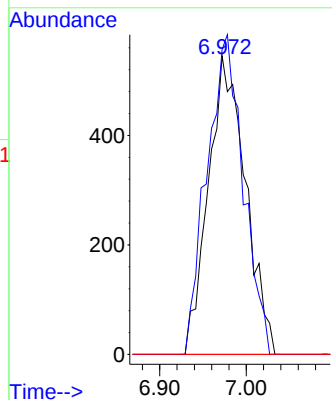
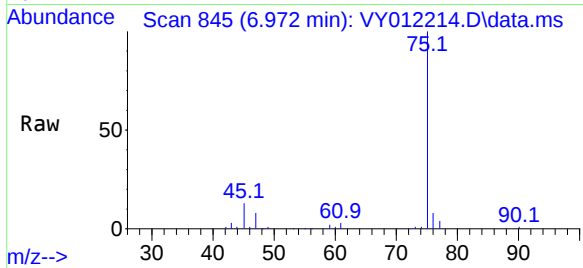




#37
Ethyl Acetate
Concen: 1.425 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.104 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

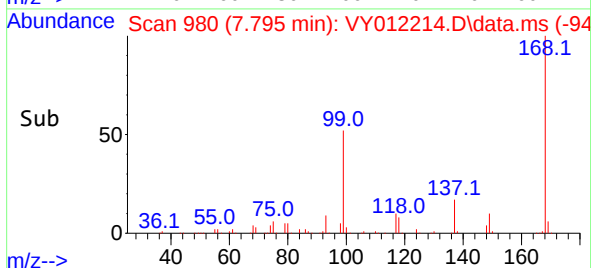
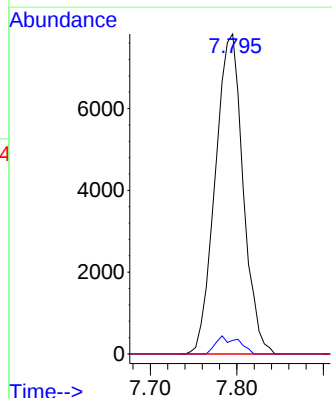
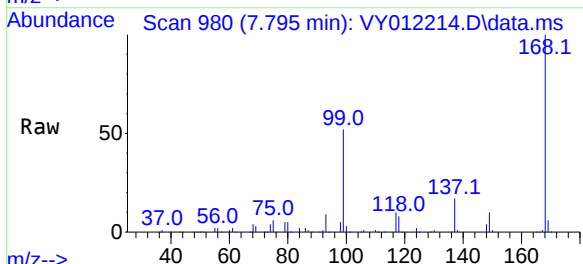
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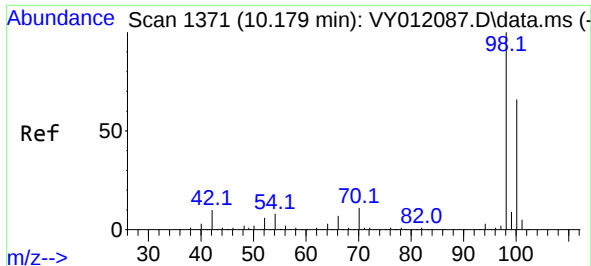
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
61 104.5 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 117 Resp: 17461
Ion Ratio Lower Upper
117 100
119 4.3 73.8 110.8#
121 0.0 25.2 37.8#

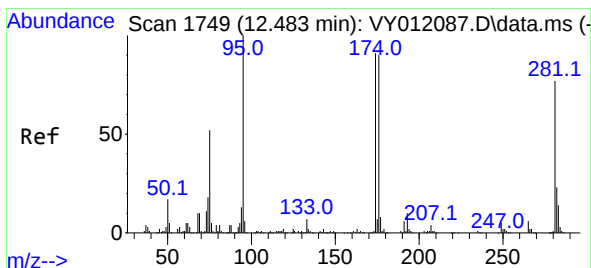
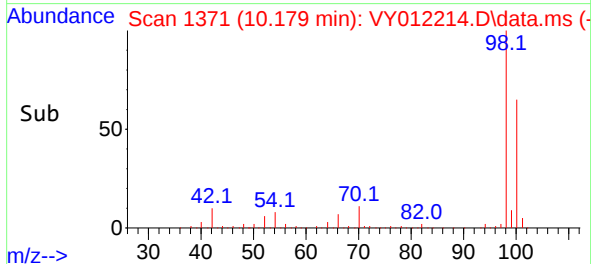
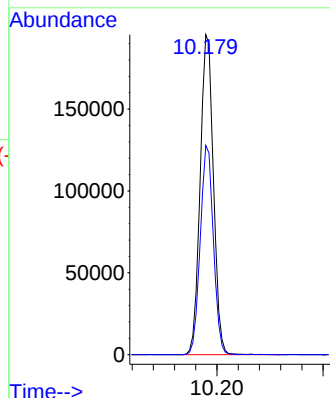
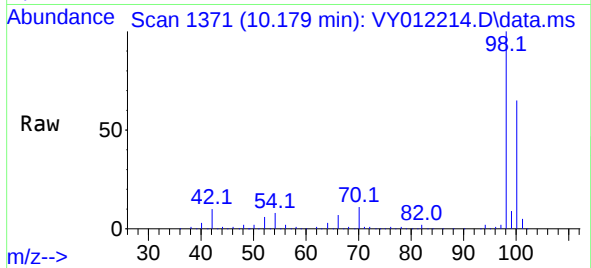




#50
Toluene-d8
Concen: 65.587 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

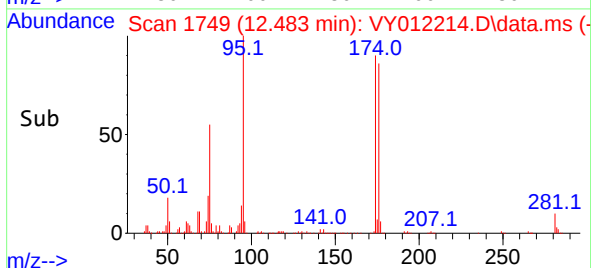
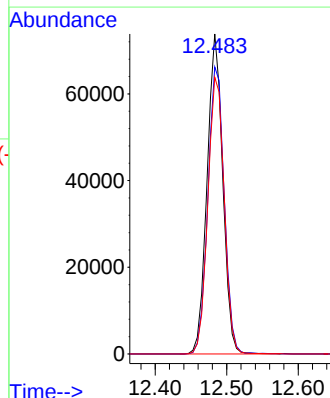
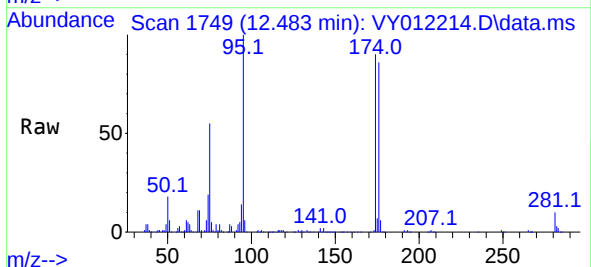
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

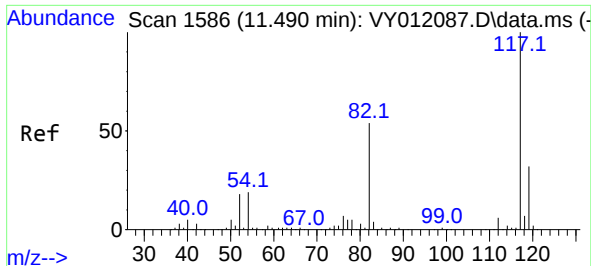
Tgt Ion: 98 Resp: 338329
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.381 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 95 Resp: 112248
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.5 0.0 167.6

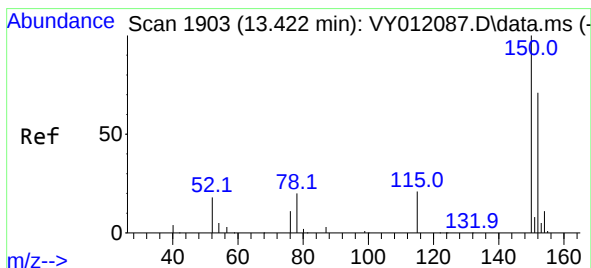
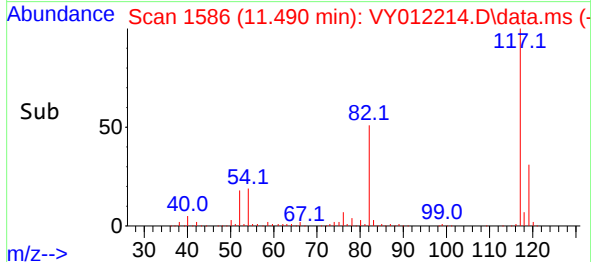
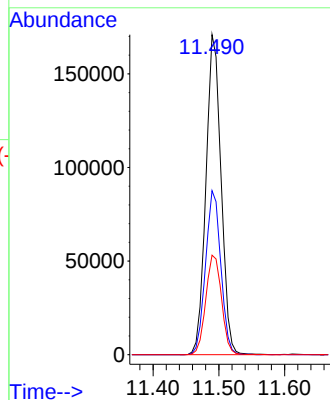
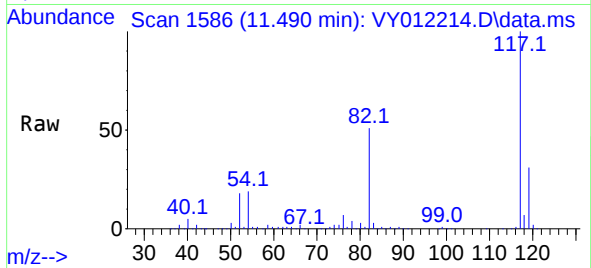




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

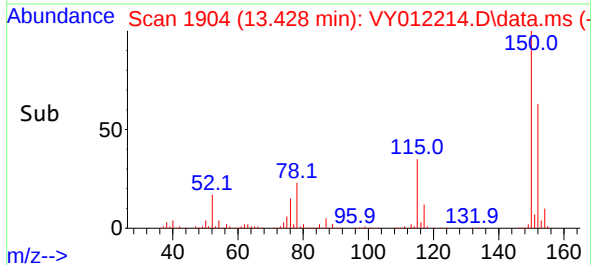
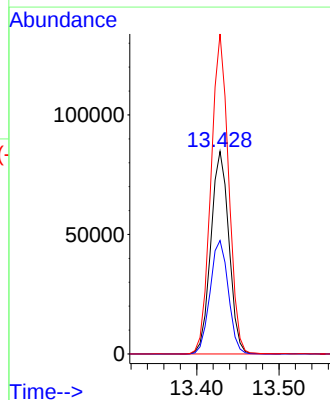
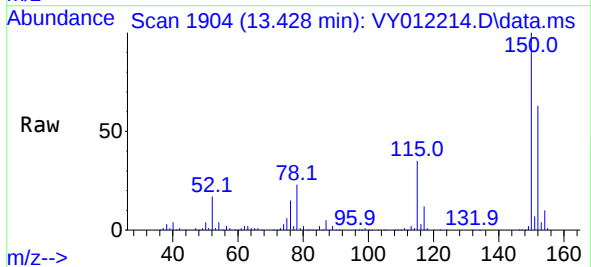
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

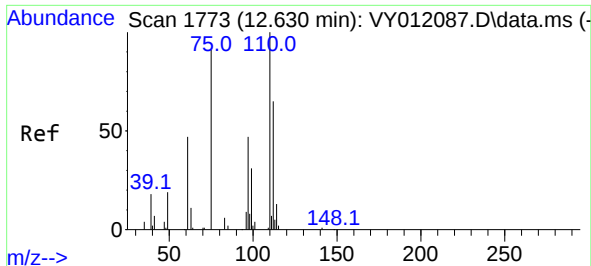
Tgt Ion:117 Resp: 273852
Ion Ratio Lower Upper
117 100
82 51.3 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion:152 Resp: 129384
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 154.7 0.0 342.6

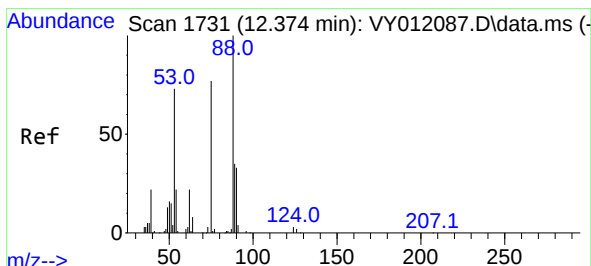
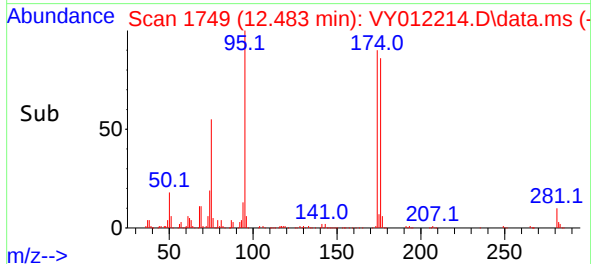
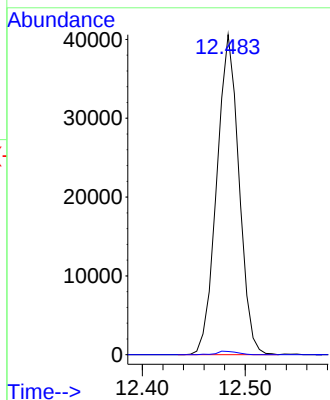
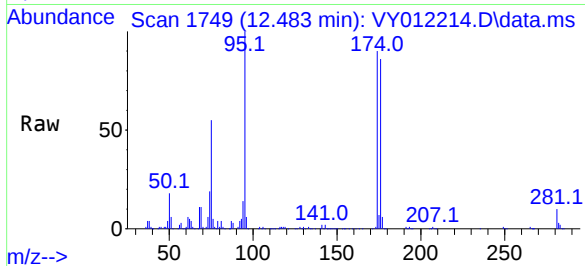




#76
1,2,3-Trichloropropane
Concen: 51.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

Tgt Ion: 75 Resp: 60956
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.567 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 75 Resp: 60956
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

