

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012235.D
 Acq On : 18 Jan 2023 10:22
 Operator : KP/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBL01

Quant Time: Jan 19 00:33:46 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)

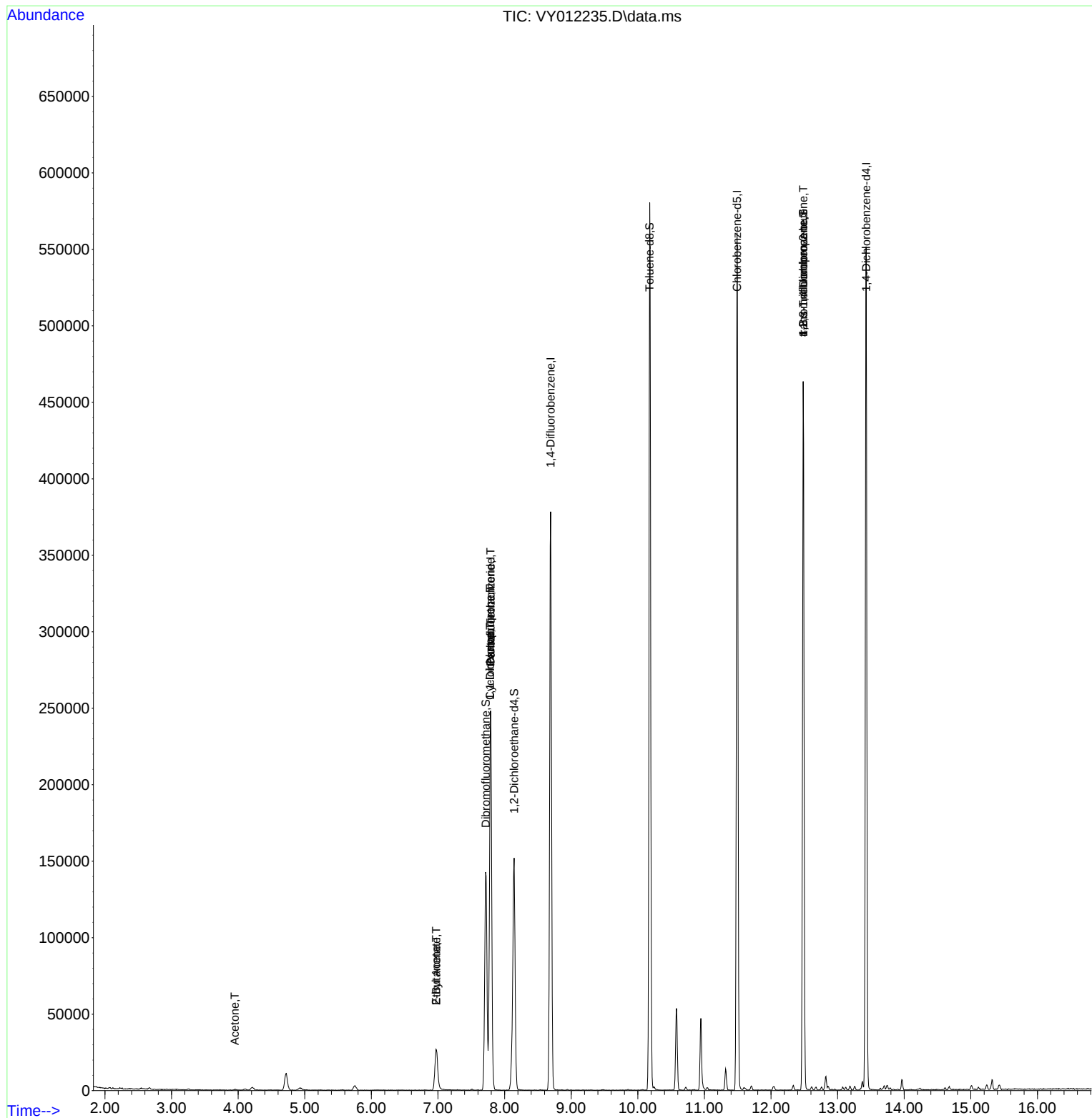
Internal Standards						
1) Pentafluorobenzene	7.789	168	200678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114441	70.404	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.800%			
35) Dibromofluoromethane	7.716	113	100669	56.668	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.340%			
50) Toluene-d8	10.179	98	393682	65.285	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 130.560%			
62) 4-Bromofluorobenzene	12.483	95	134195	53.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	1847	Below Cal	#	74
16) Acetone	3.948	43	865	1.548	ug/l	92
20) Methylene Chloride	4.722	84	8958	Below Cal	#	85
25) 2-Butanone	6.972	43	1415	2.294	ug/l	# 78
31) Cyclohexane	7.783	56	3598	1.230	ug/l	# 35
36) 1,1-Dichloropropene	7.783	75	14212	4.707	ug/l	# 50
37) Ethyl Acetate	6.972	43	1415	1.063	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	19807	5.080	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	68835	50.304	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	68835	103.648	ug/l	# 13

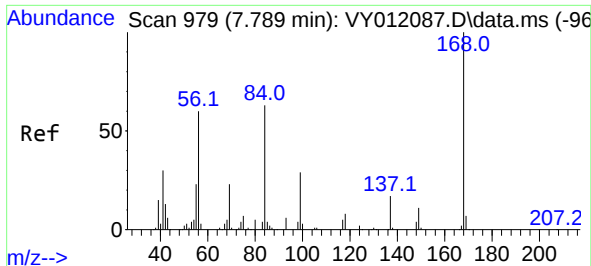
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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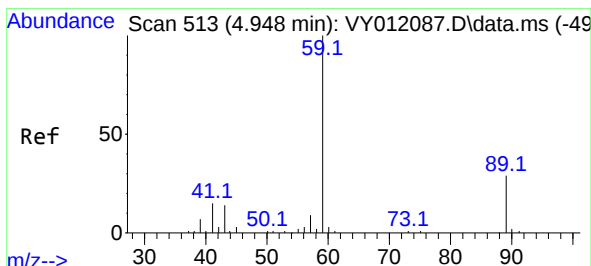
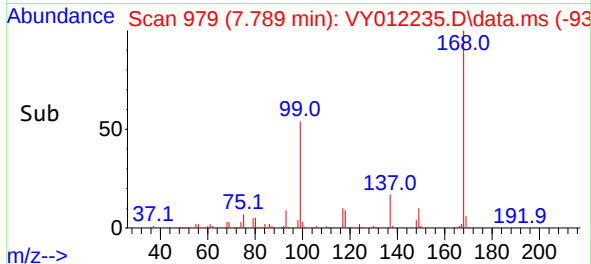
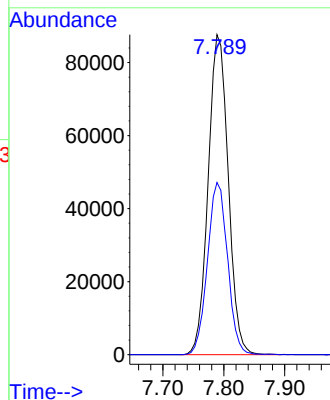
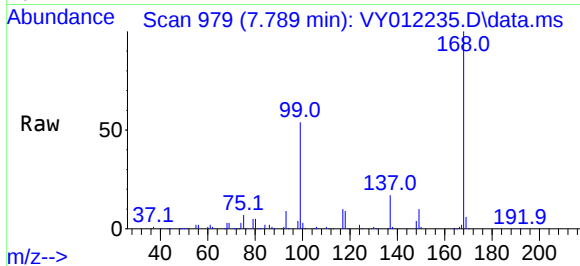




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

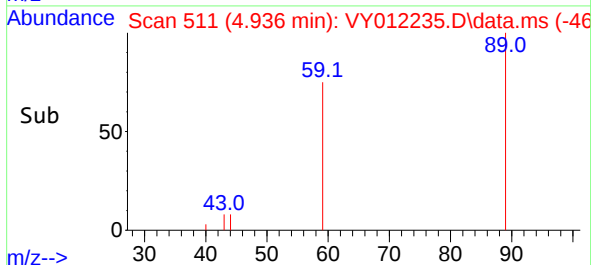
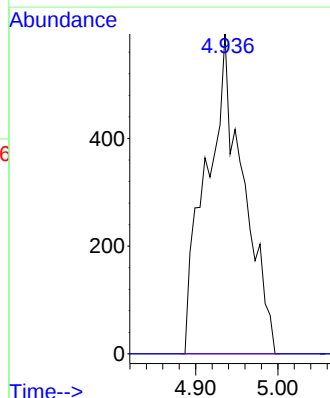
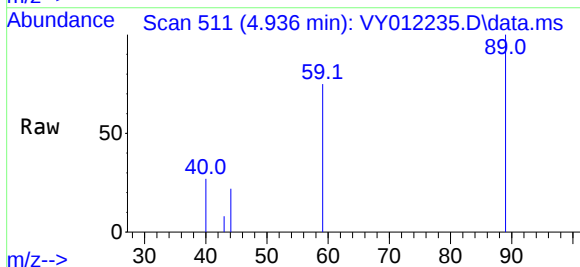
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

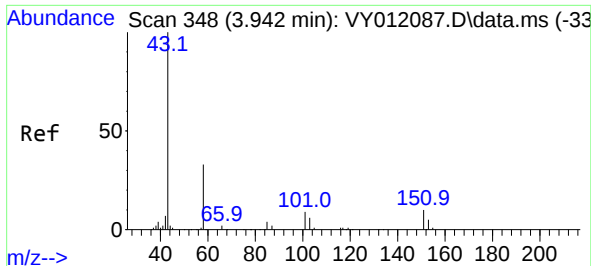
Tgt Ion:168 Resp: 200678
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion: 59 Resp: 1847
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

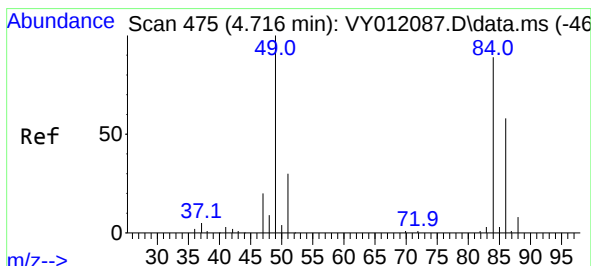
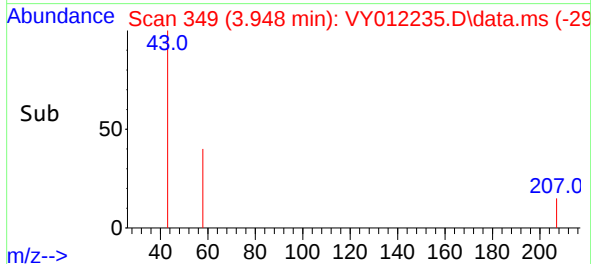
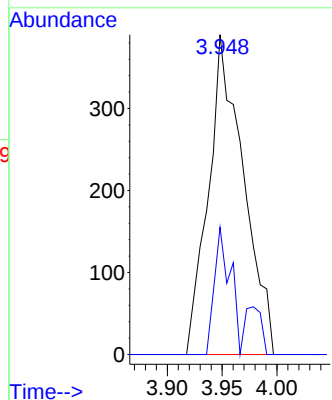
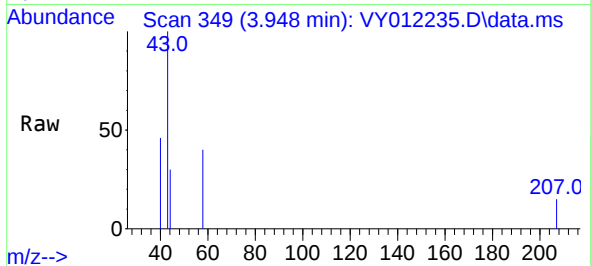




#16
Acetone
Concen: 1.548 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

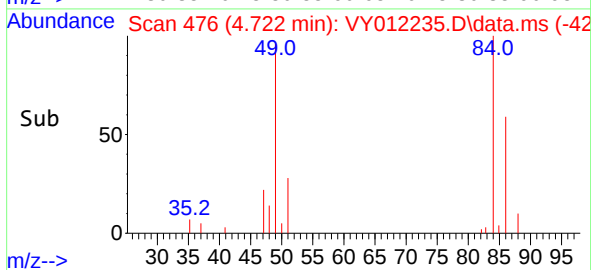
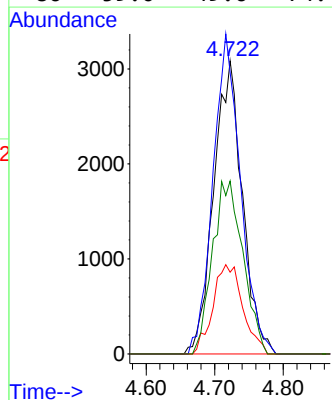
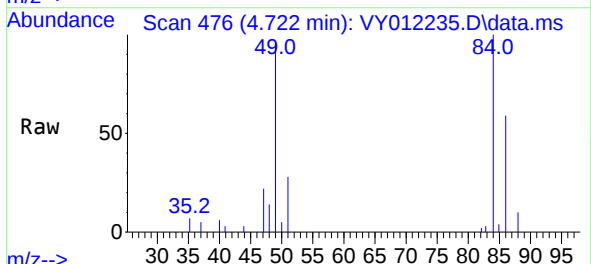
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

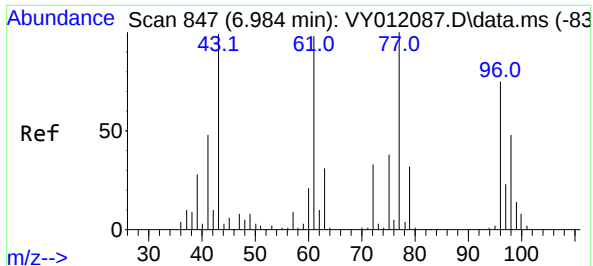
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 39.7 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion: 84 Resp: 8958
Ion Ratio Lower Upper
84 100
49 96.1 95.4 143.2
51 27.9 29.9 44.9#
86 59.0 49.6 74.4





#25

2-Butanone

Concen: 2.294 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012235.D

Acq: 18 Jan 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

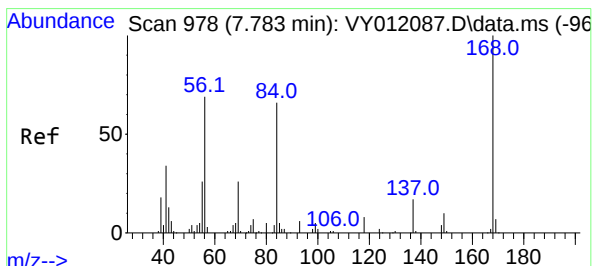
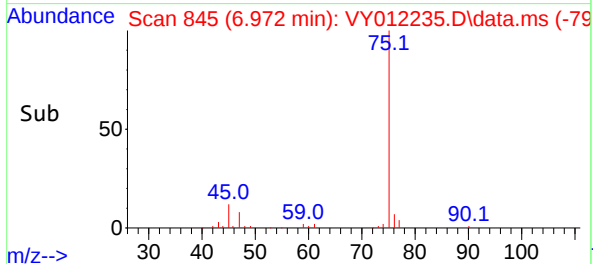
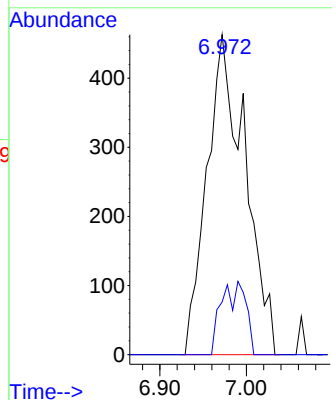
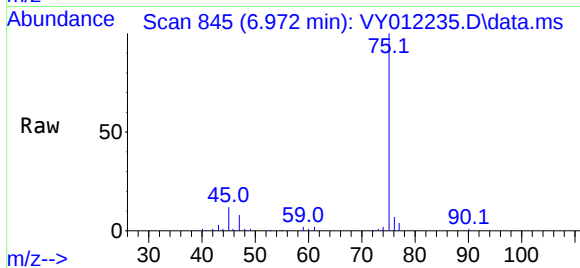
VY0118SBL01

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

72 16.4 22.6 34.0#



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012235.D

Acq: 18 Jan 2023 10:22

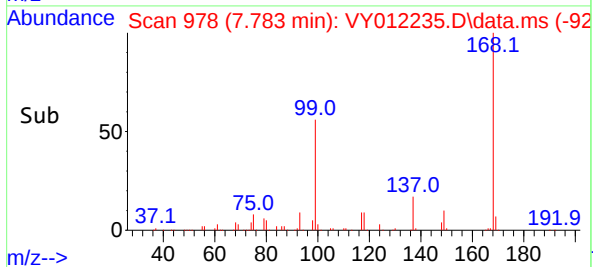
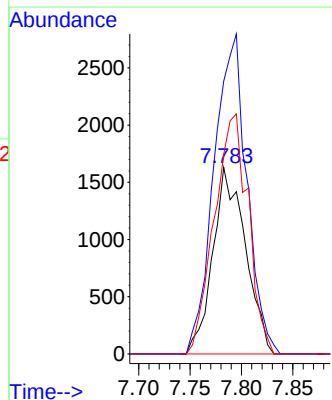
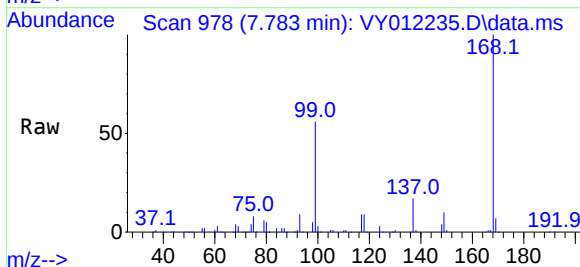
Tgt Ion: 56 Resp: 3598

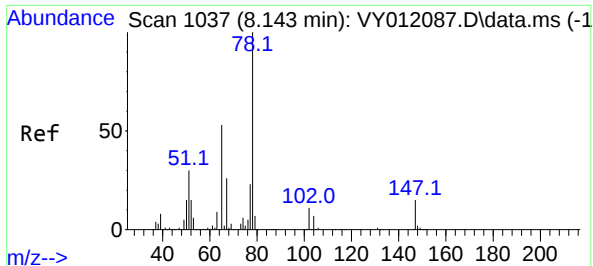
Ion Ratio Lower Upper

56 100

69 146.3 29.2 43.8#

84 107.0 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 70.404 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012235.D

Acq: 18 Jan 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

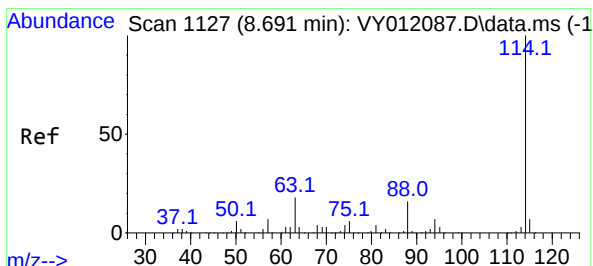
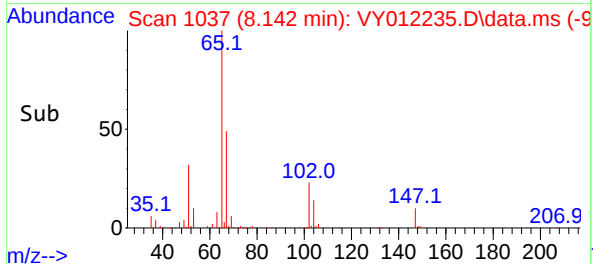
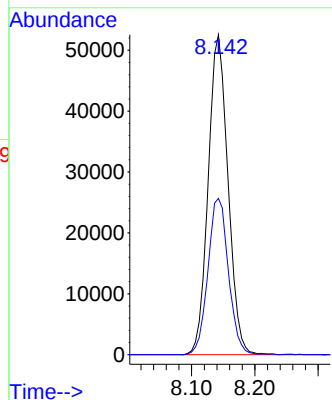
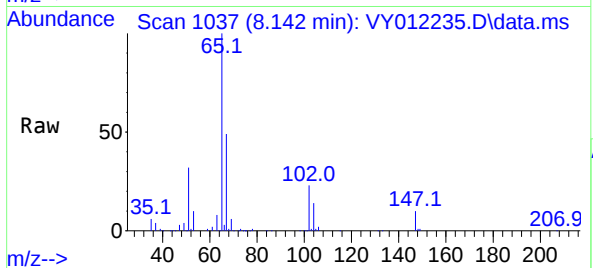
VY0118SBL01

Tgt Ion: 65 Resp: 114441

Ion Ratio Lower Upper

65 100

67 50.7 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: VY012235.D

Acq: 18 Jan 2023 10:22

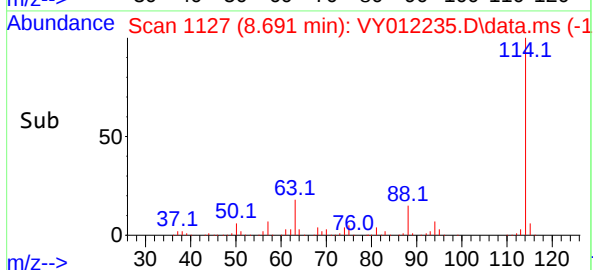
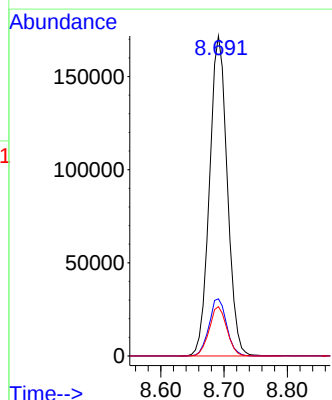
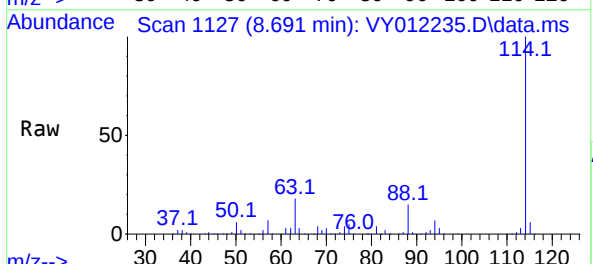
Tgt Ion:114 Resp: 335497

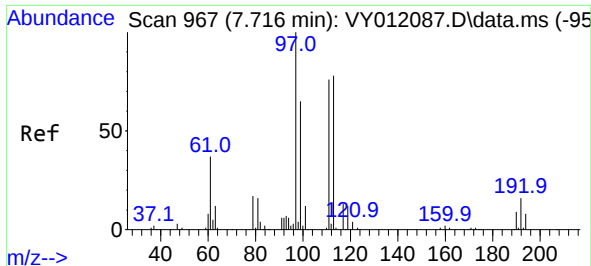
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.4 0.0 32.2

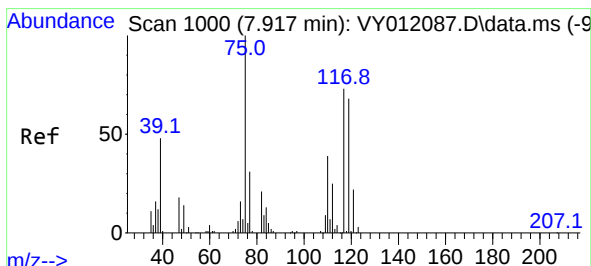
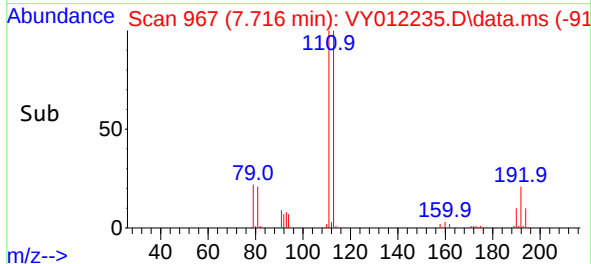
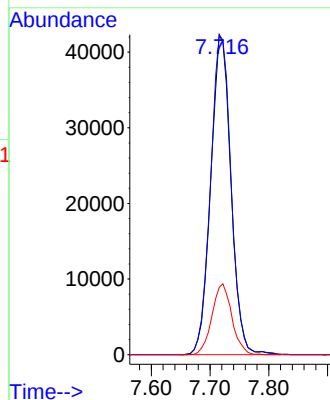
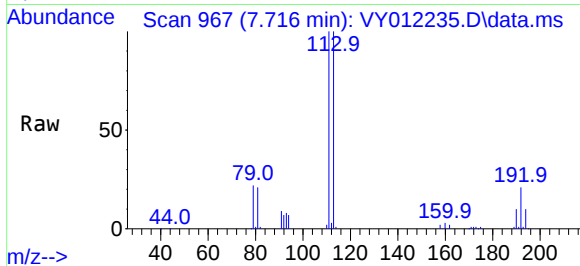




#35
Dibromofluoromethane
Concen: 56.668 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

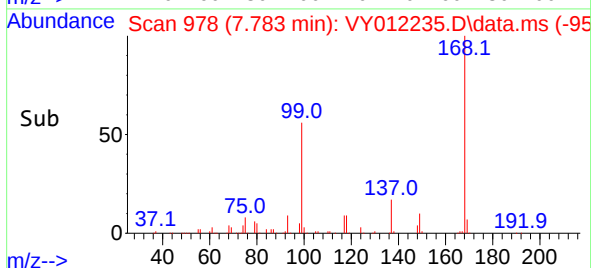
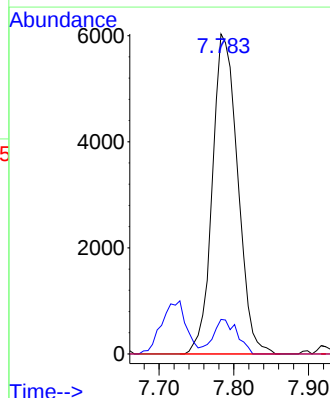
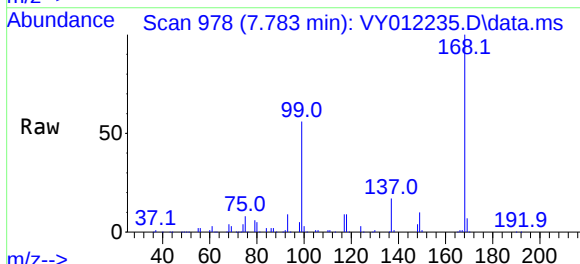
Instrument :
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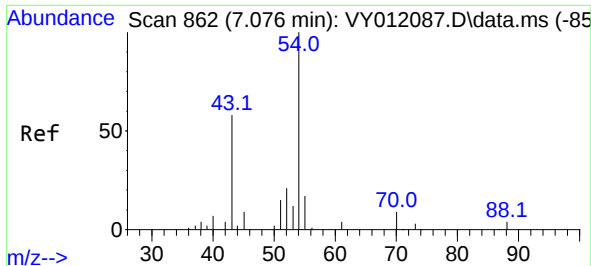
Tgt Ion:113 Resp: 100669
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion: 75 Resp: 14212
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.063 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY012235.D

Acq: 18 Jan 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBL01

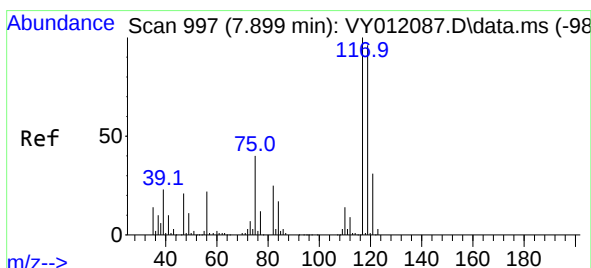
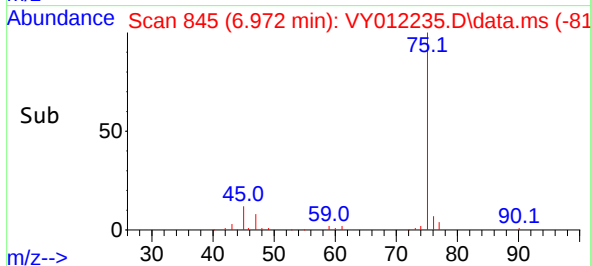
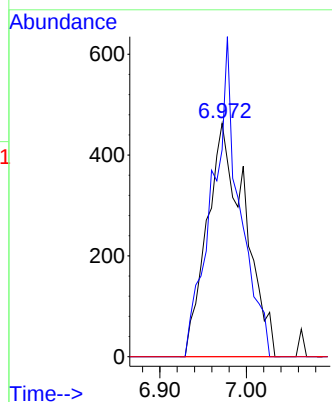
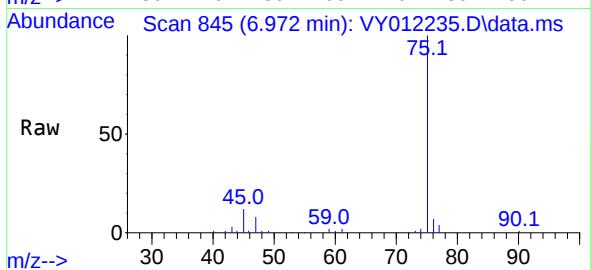
Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

61 98.2 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.080 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012235.D

Acq: 18 Jan 2023 10:22

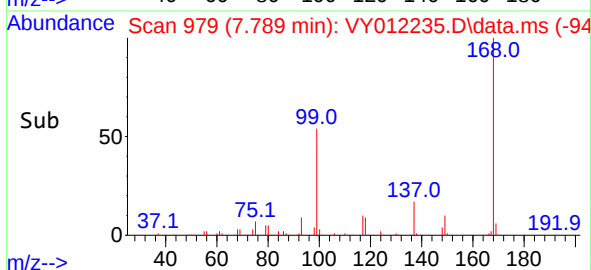
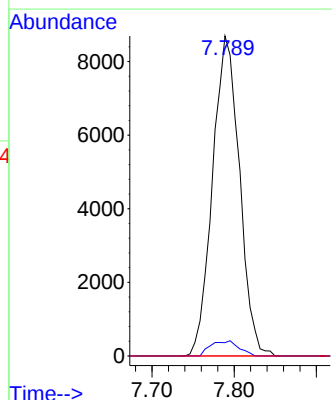
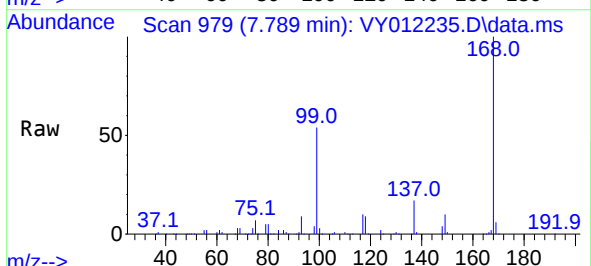
Tgt Ion: 117 Resp: 19807

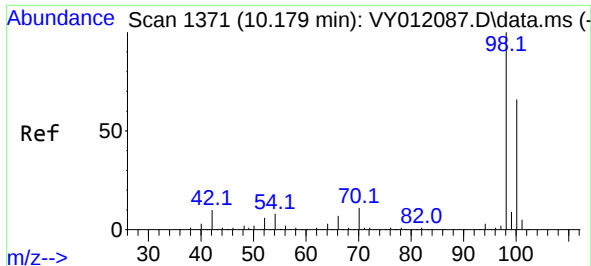
Ion Ratio Lower Upper

117 100

119 4.2 73.8 110.8#

121 0.0 25.2 37.8#

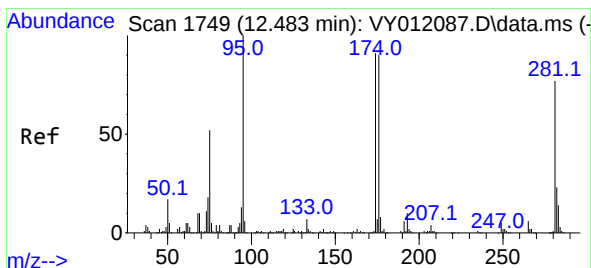
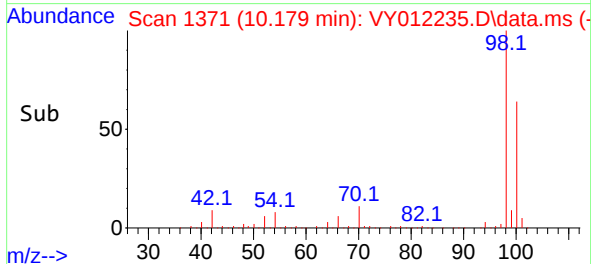
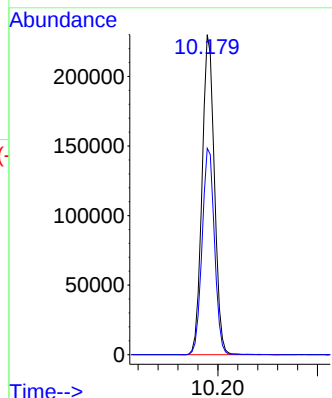
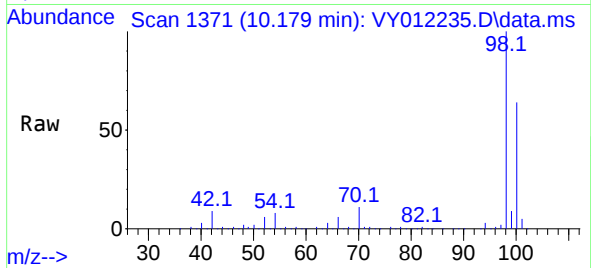




#50
Toluene-d8
Concen: 65.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

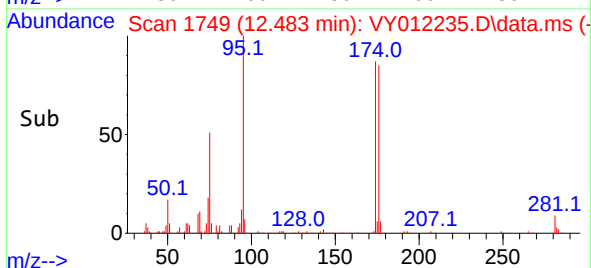
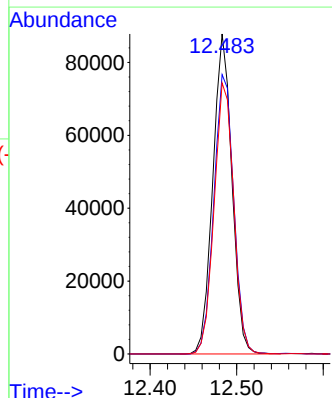
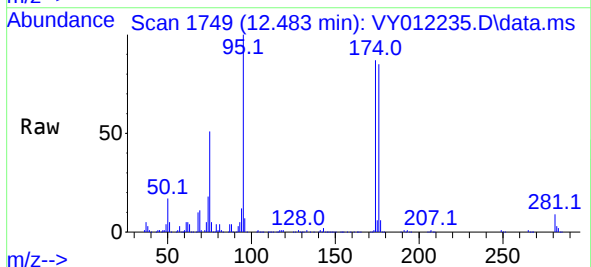
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

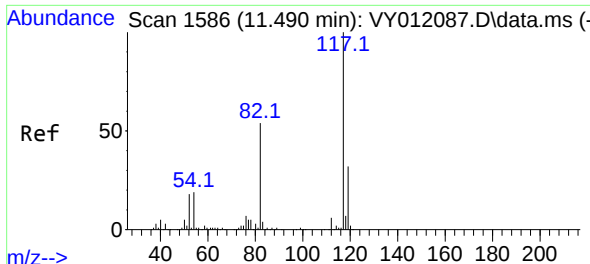
Tgt Ion: 98 Resp: 393682
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.587 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion: 95 Resp: 134195
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 87.1 0.0 167.6

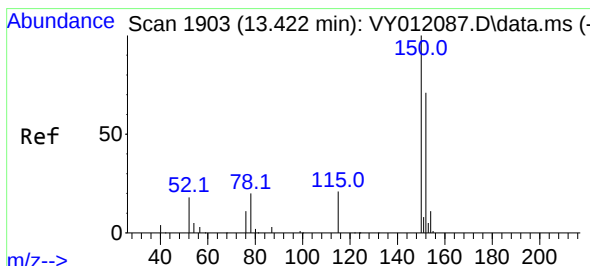
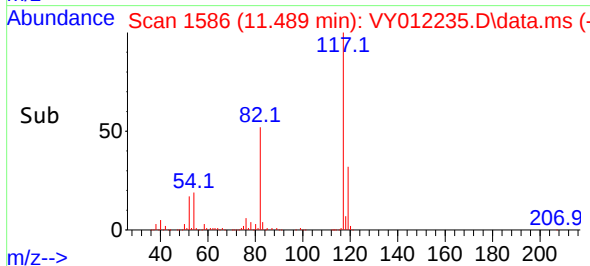
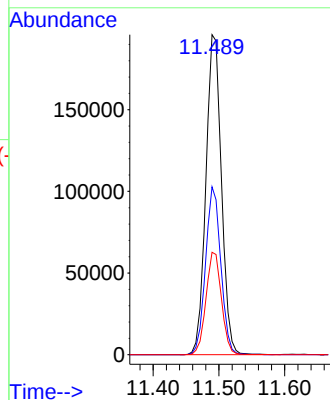
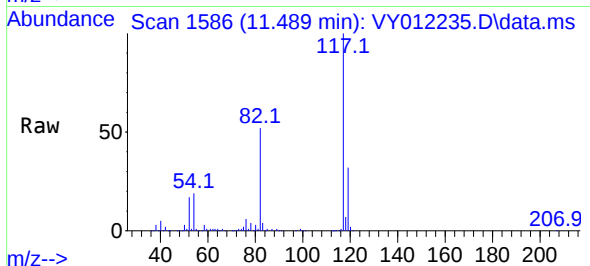




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

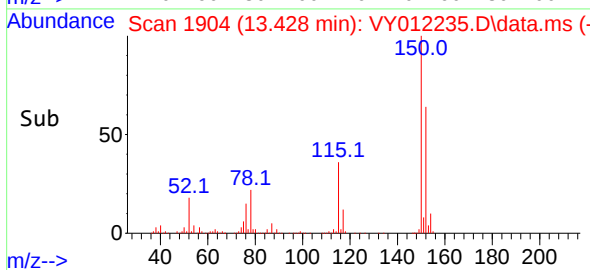
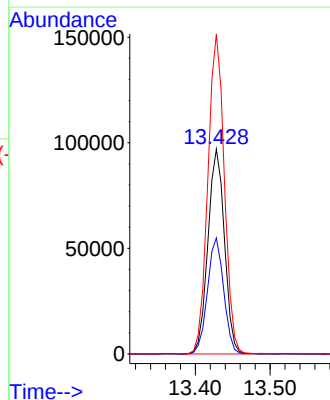
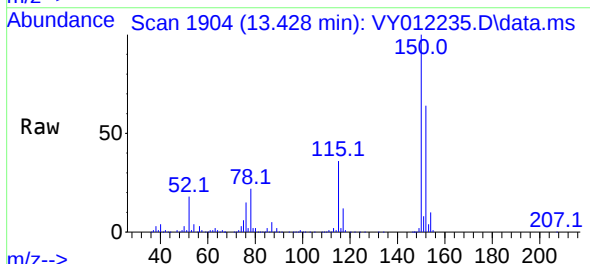
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

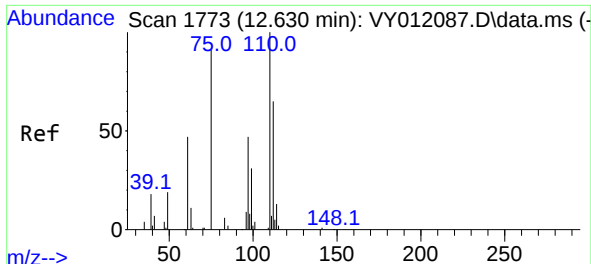
Tgt Ion:117 Resp: 322327
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion:152 Resp: 148812
Ion Ratio Lower Upper
152 100
115 55.8 29.1 87.3
150 155.6 0.0 342.6

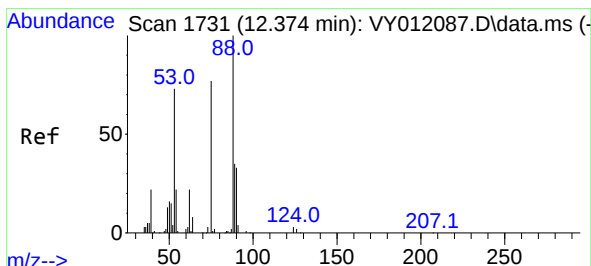
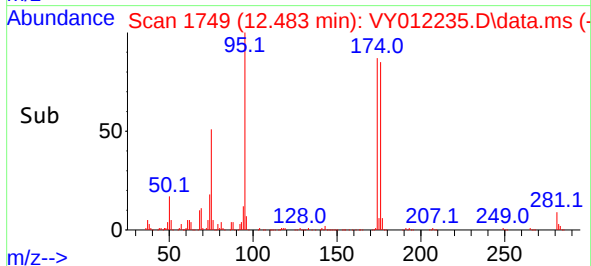
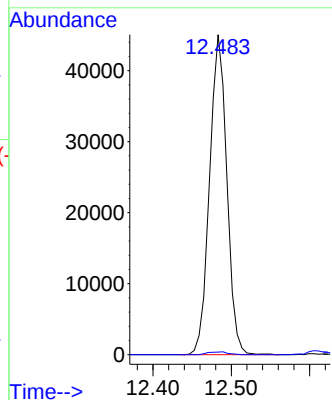
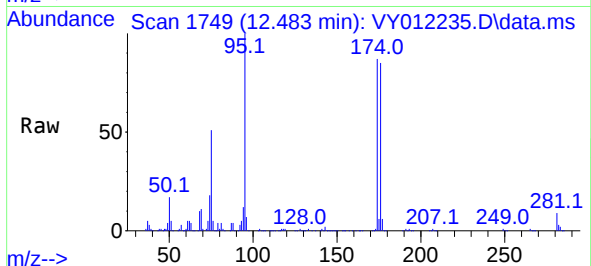




#76
1,2,3-Trichloropropane
Concen: 50.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

Tgt Ion: 75 Resp: 68835
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012235.D
Acq: 18 Jan 2023 10:22

Tgt Ion: 75 Resp: 68835
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

