

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014850.D
 Acq On : 26 Jul 2023 15:29
 Operator : SY/MD
 Sample : 03741-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

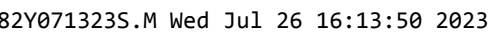
Quant Time: Jul 26 16:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

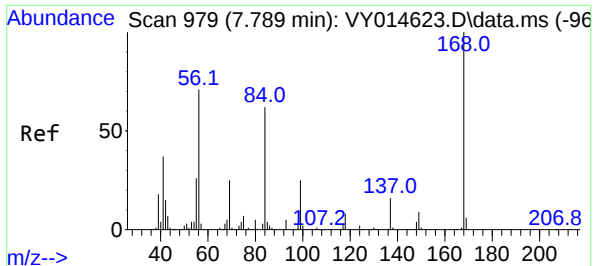
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	123801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	207807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79586	56.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.820%			
35) Dibromofluoromethane	7.716	113	69713	50.427	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.860%			
50) Toluene-d8	10.179	98	257710	50.563	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.477	95	95345	48.787	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.580%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.107	142	128	2.458	ug/l #	38
11) Tert butyl alcohol	4.911	59	1822	Below Cal	#	89
16) Acetone	3.942	43	4438	9.927	ug/l #	77
20) Methylene Chloride	4.710	84	11309	3.893	ug/l	94
25) 2-Butanone	6.978	43	3441	5.261	ug/l #	75
26) 2,2-Dichloropropane	6.972	77	4712	1.963	ug/l #	54
31) Cyclohexane	7.777	56	2446	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10350	5.006	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12541	5.738	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	51024	41.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51024	79.499	ug/l #	11

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

Quant Time: Jul 26 16:13:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

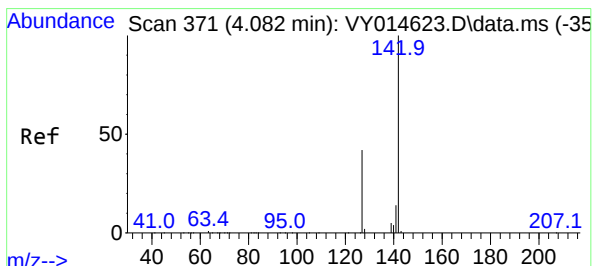
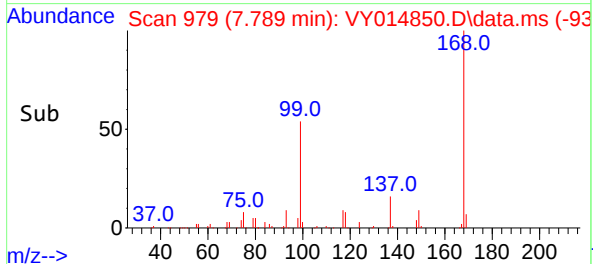
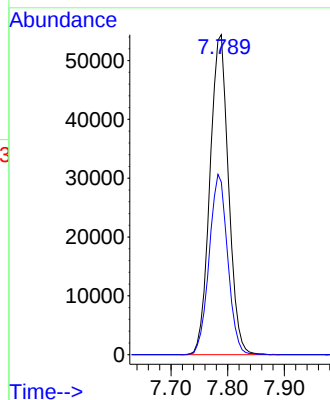
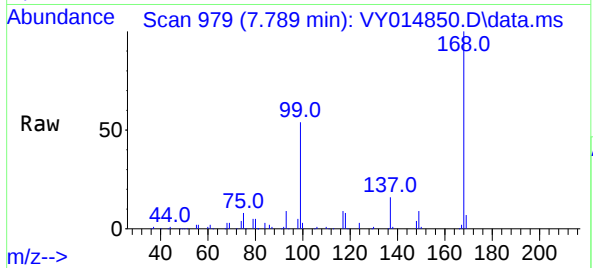




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

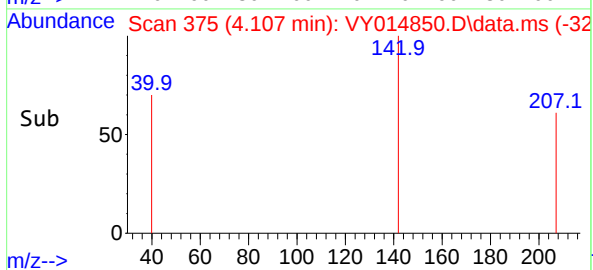
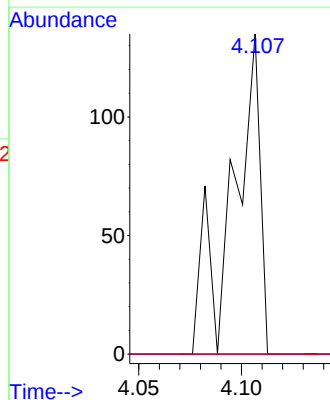
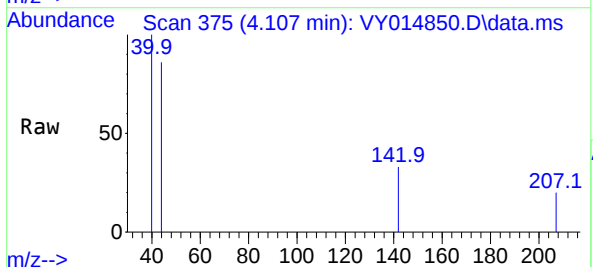
Instrument :
MSVOA_Y
ClientSampleId :

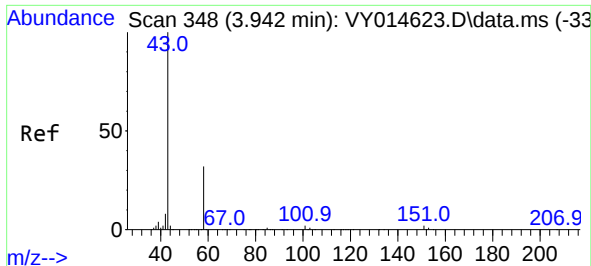
Tgt Ion:168 Resp: 123801
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.458 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

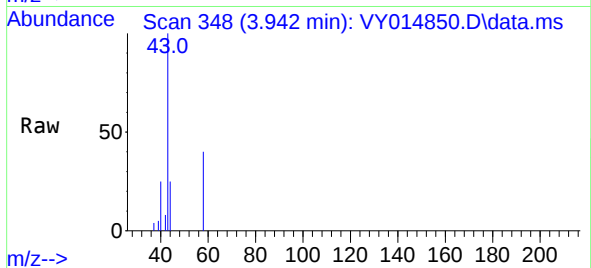
Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



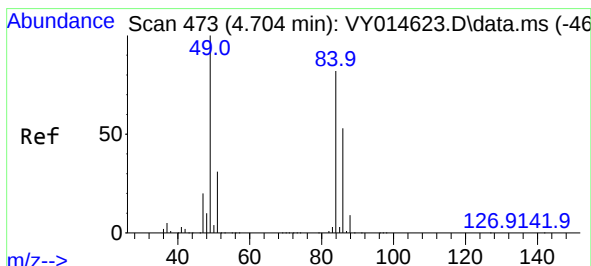
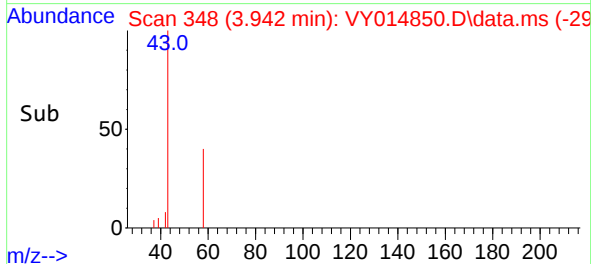
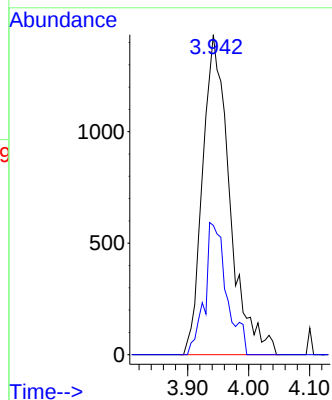


#16
Acetone
Concen: 9.927 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

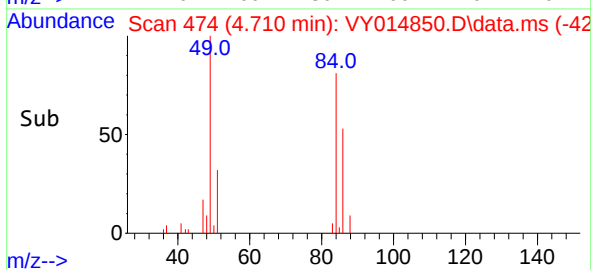
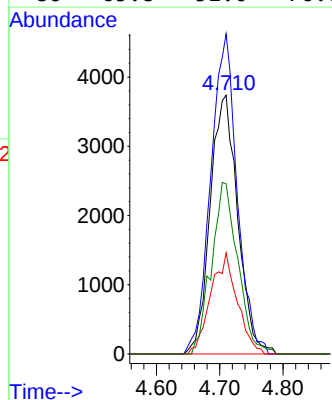
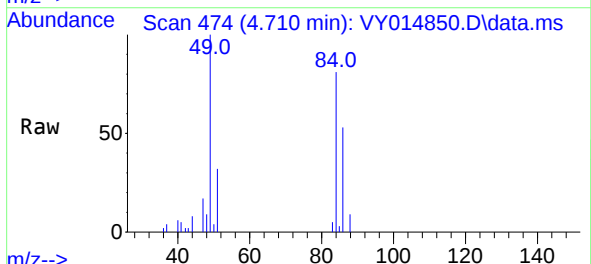


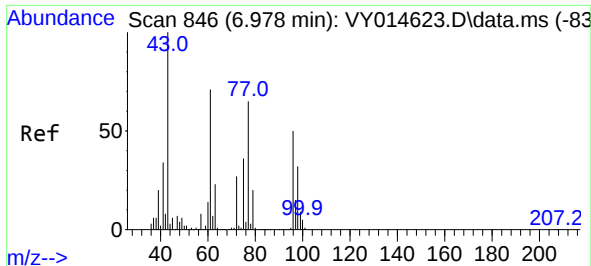
Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
58 40.4 22.7 34.1#



#20
Methylene Chloride
Concen: 3.893 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion: 84 Resp: 11309
Ion Ratio Lower Upper
84 100
49 123.7 106.9 160.3
51 39.0 33.2 49.8
86 65.8 51.0 76.6





#25

2-Butanone

Concen: 5.261 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014850.D

Acq: 26 Jul 2023 15:29

Instrument :

MSVOA_Y

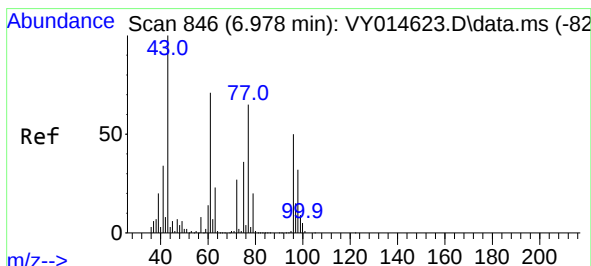
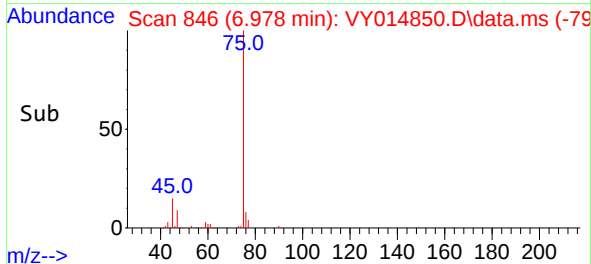
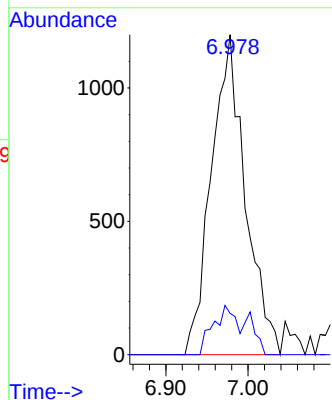
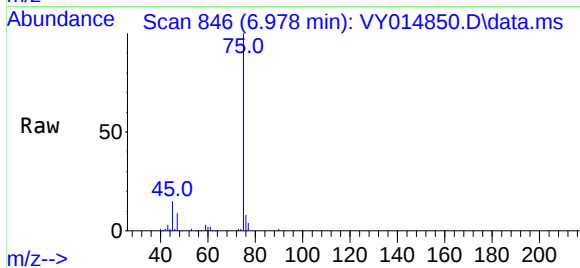
ClientSampleId :

Tgt Ion: 43 Resp: 3441

Ion Ratio Lower Upper

43 100

72 12.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.963 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014850.D

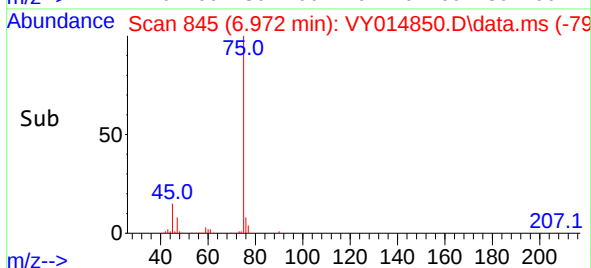
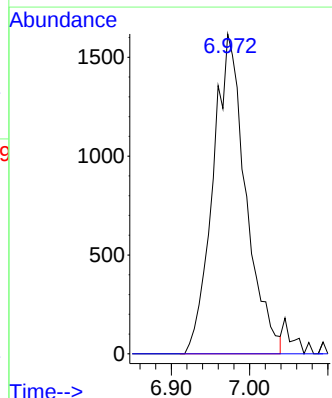
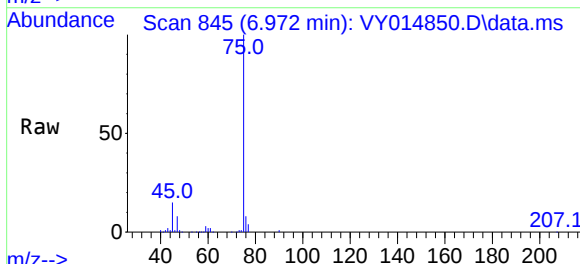
Acq: 26 Jul 2023 15:29

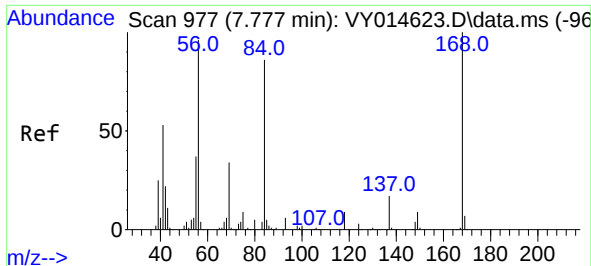
Tgt Ion: 77 Resp: 4712

Ion Ratio Lower Upper

77 100

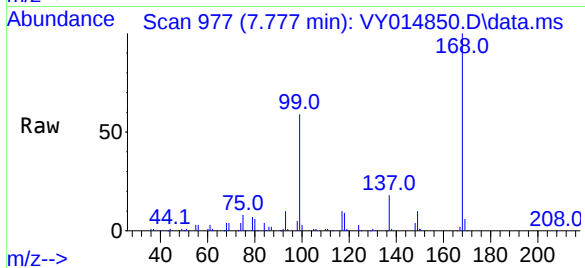
97 0.0 10.9 32.9#



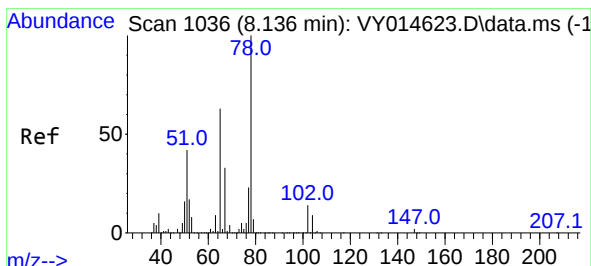
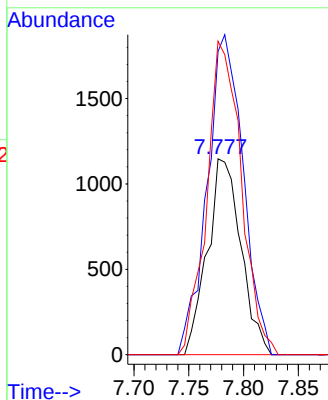
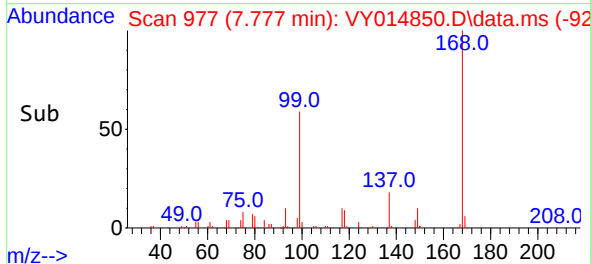


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

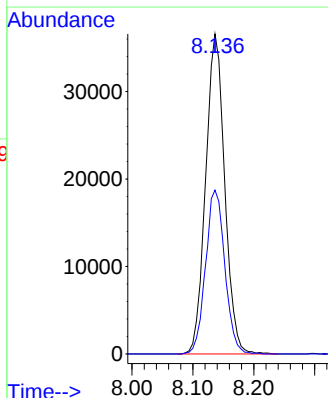
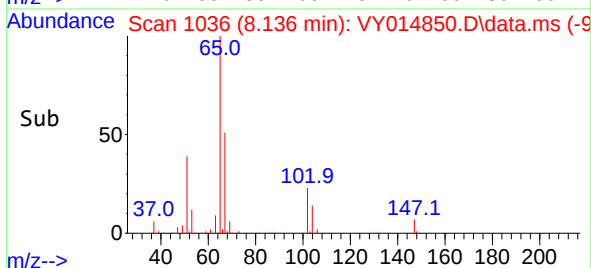
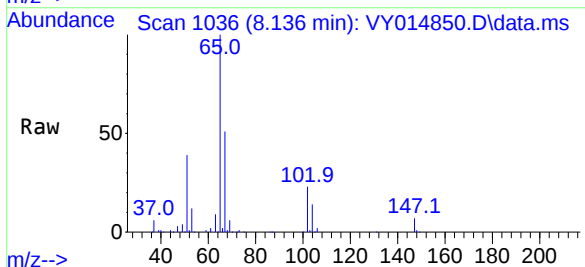


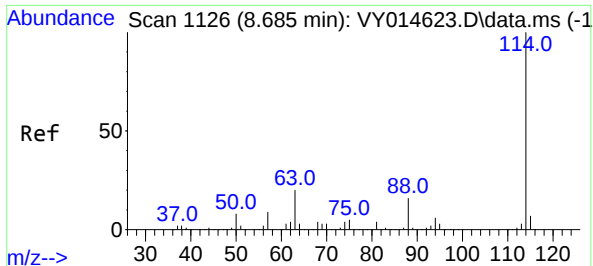
Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 154.8 27.8 41.6#
84 160.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.414 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion: 65 Resp: 79586
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

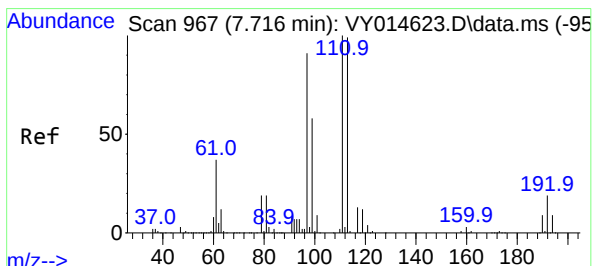
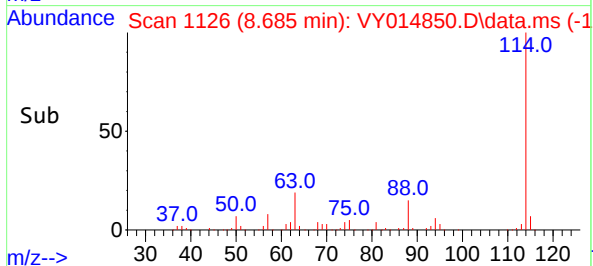
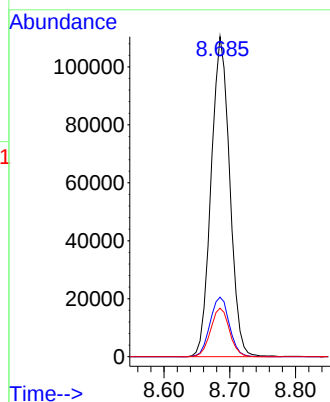
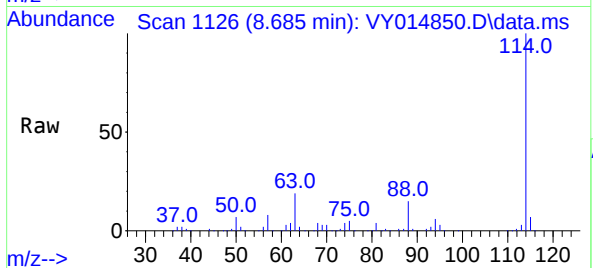




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

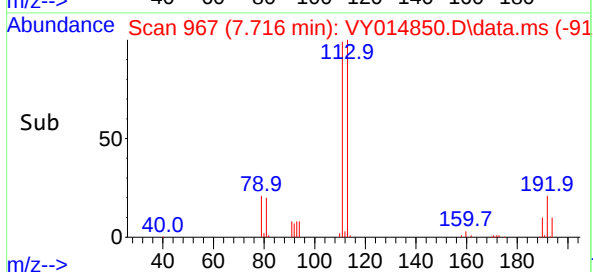
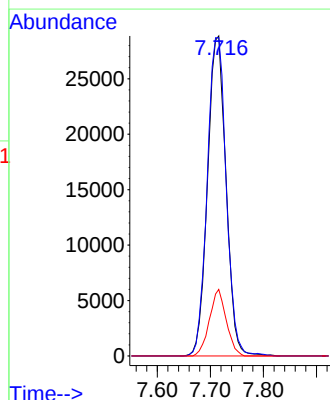
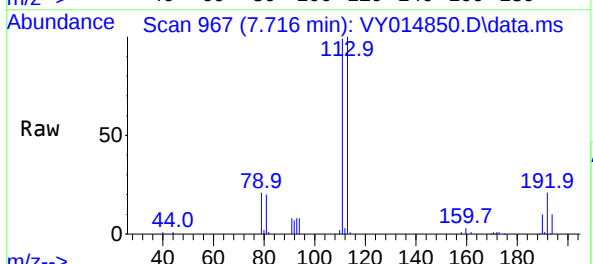
Instrument :
MSVOA_Y
ClientSampleId :

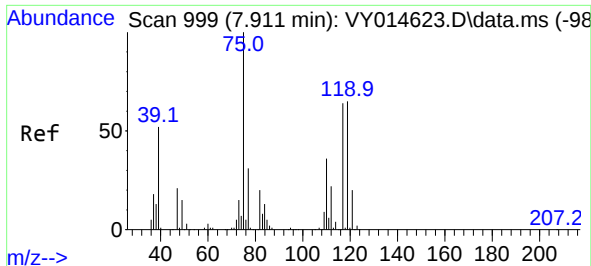
Tgt Ion:114 Resp: 217170
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion:113 Resp: 69713
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.006 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY014850.D

Acq: 26 Jul 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :

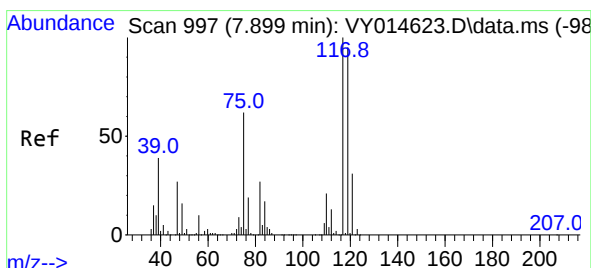
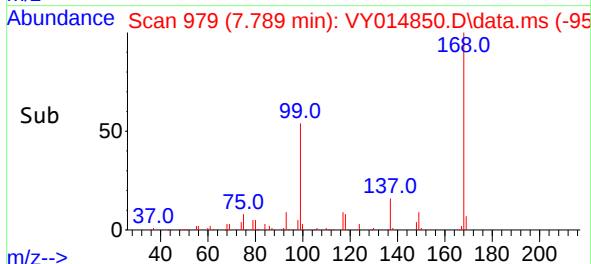
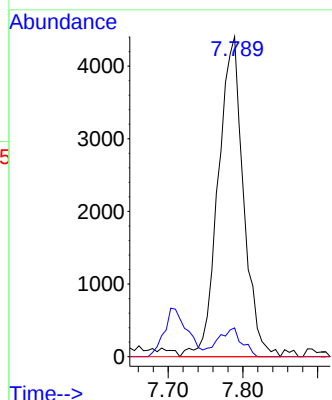
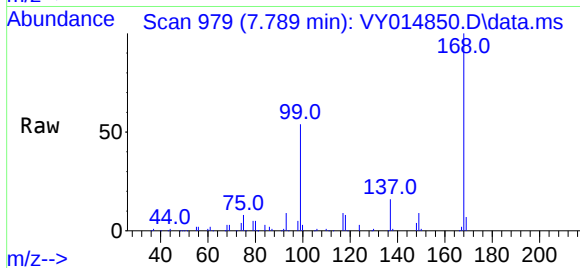
Tgt Ion: 75 Resp: 10350

Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY014850.D

Acq: 26 Jul 2023 15:29

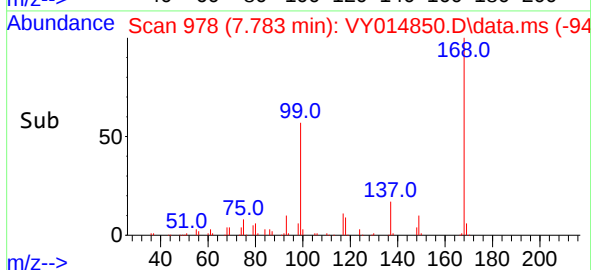
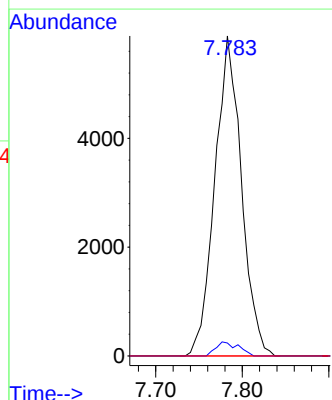
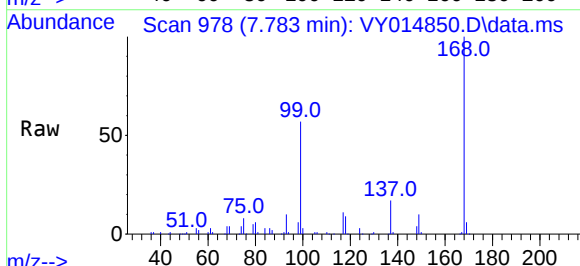
Tgt Ion: 117 Resp: 12541

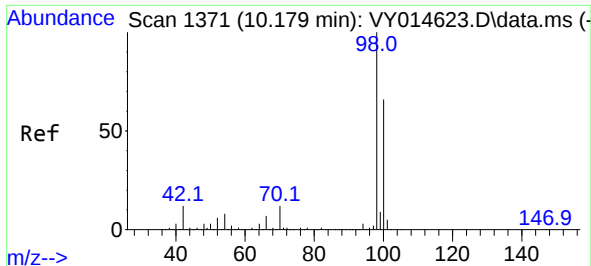
Ion Ratio Lower Upper

117 100

119 4.1 76.4 114.6#

121 0.0 25.8 38.6#

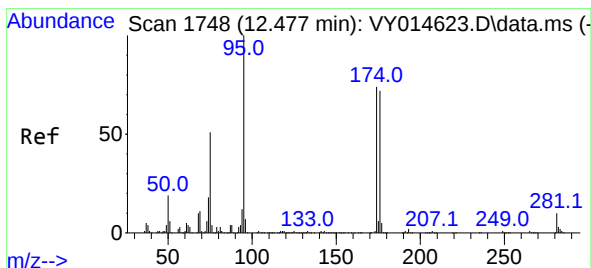
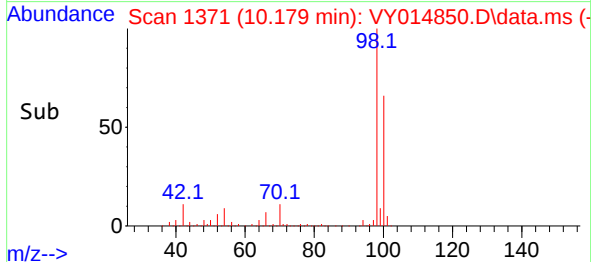
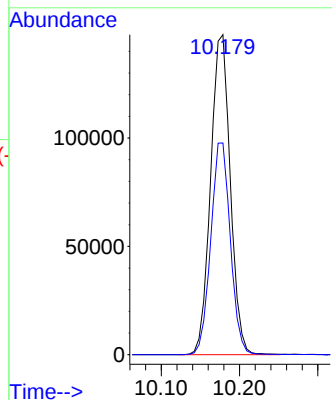
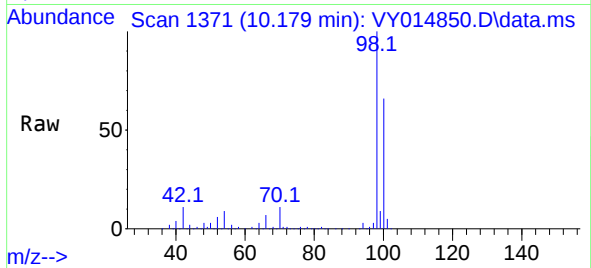




#50
Toluene-d8
Concen: 50.563 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

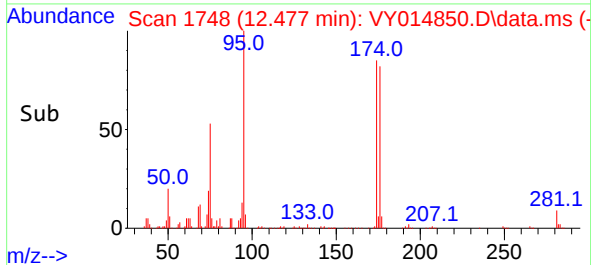
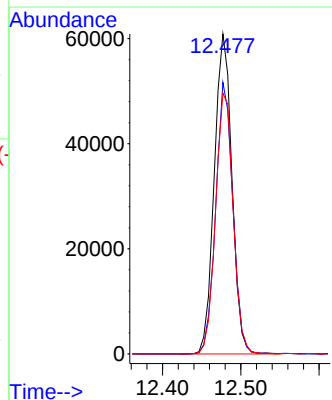
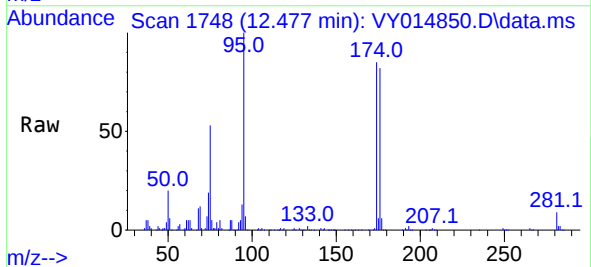
Instrument :
MSVOA_Y
ClientSampleId :

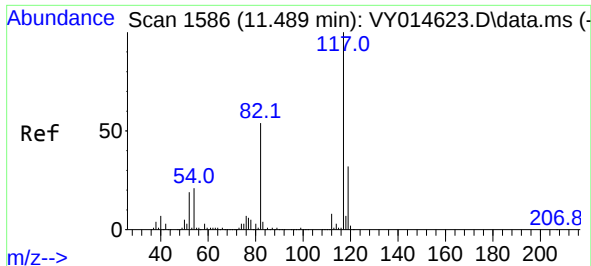
Tgt Ion: 98 Resp: 257710
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.787 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

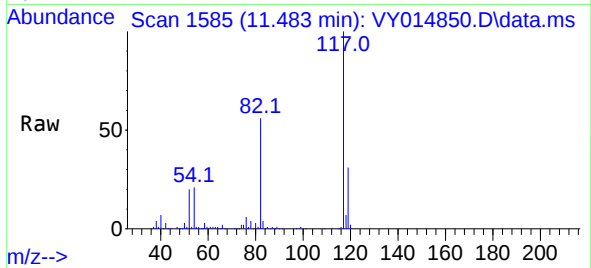
Tgt Ion: 95 Resp: 95345
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 81.4 0.0 173.8



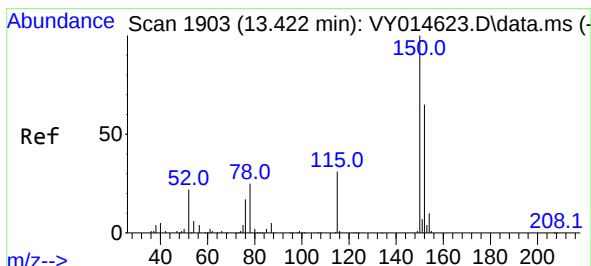
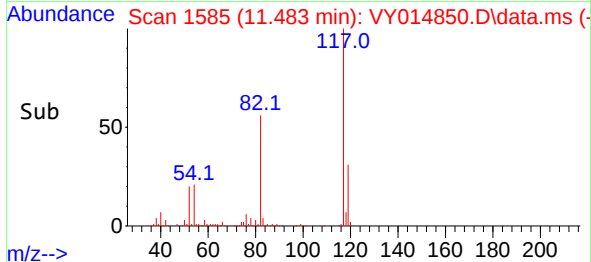
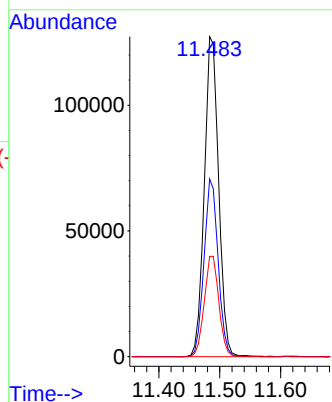


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

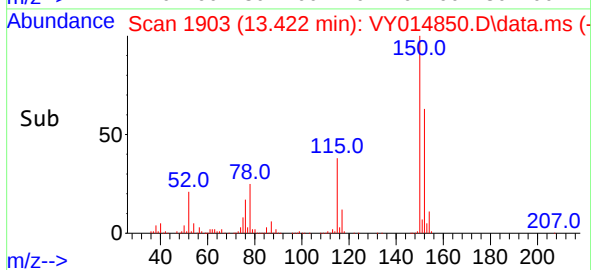
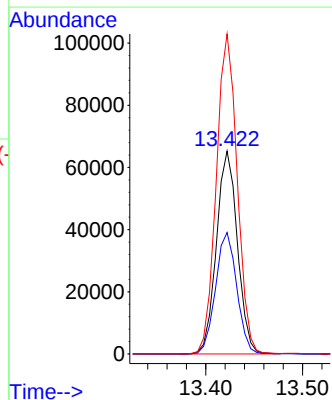
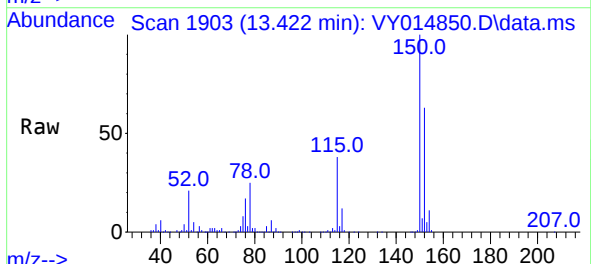


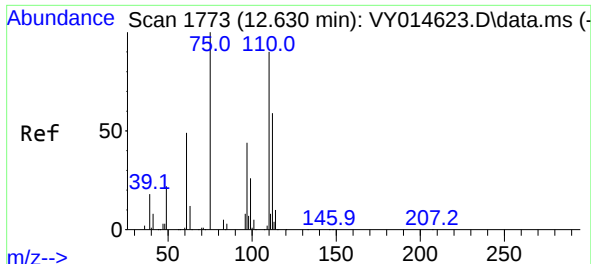
Tgt Ion:117 Resp: 207807
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion:152 Resp: 98393
Ion Ratio Lower Upper
152 100
115 60.6 28.8 86.5
150 157.1 0.0 348.8

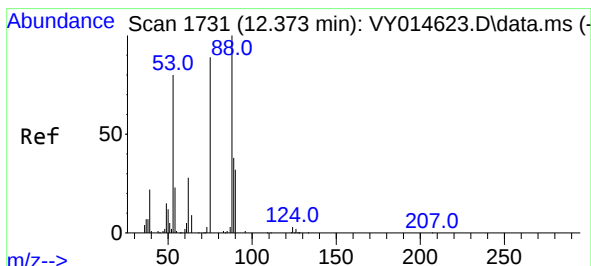
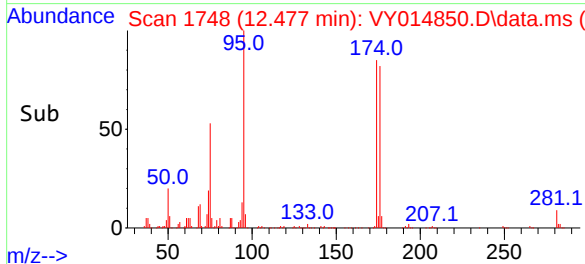
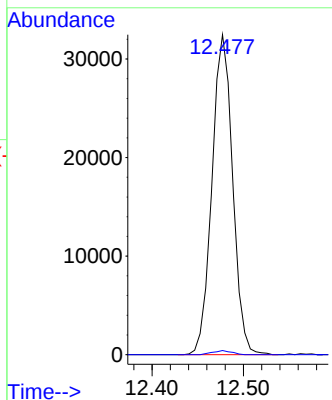
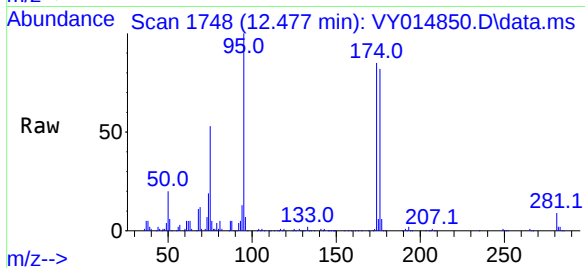




#76
1,2,3-Trichloropropane
Concen: 41.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51024
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.499 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014850.D
Acq: 26 Jul 2023 15:29

Tgt Ion: 75 Resp: 51024
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

