

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012108.D
 Acq On : 09 Jan 2023 14:09
 Operator : KP/MD
 Sample : 01048-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523

Quant Time: Jan 10 01:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

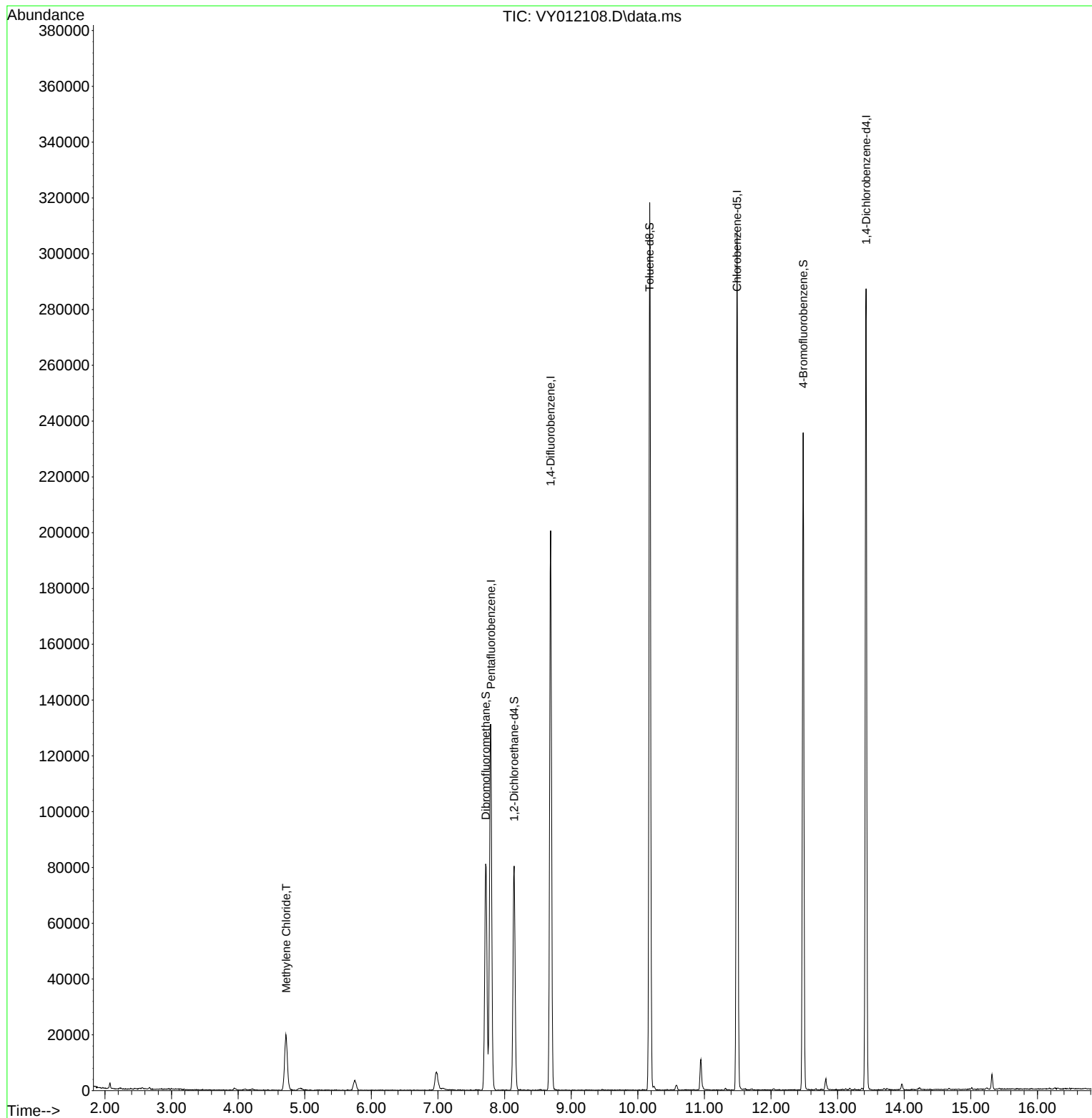
Internal Standards						
1) Pentafluorobenzene	7.795	168	104141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66691	56.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.980%
35) Dibromofluoromethane	7.716	113	55861	48.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.179	98	212400	46.478	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.483	95	67954	42.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.080%
Target Compounds						
20) Methylene Chloride	4.722	84	15363	8.262	ug/l	Qvalue 87

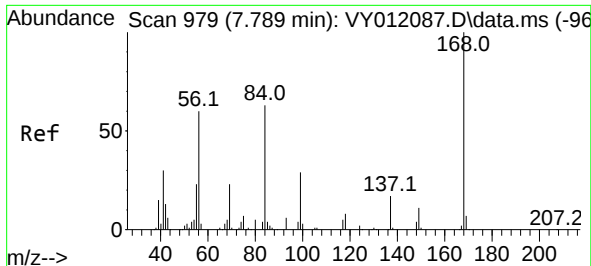
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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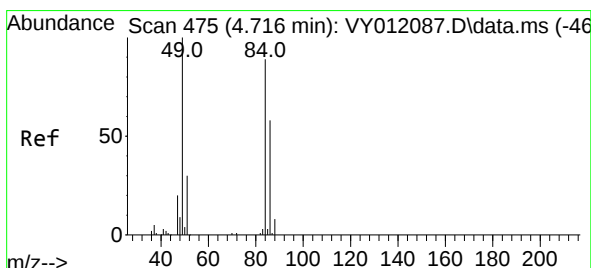
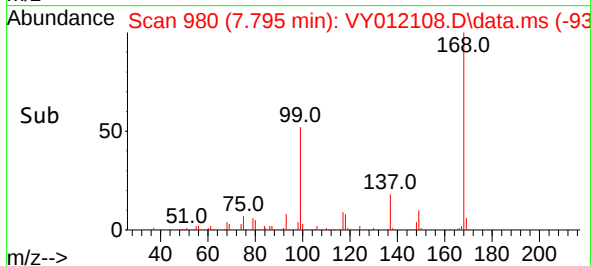
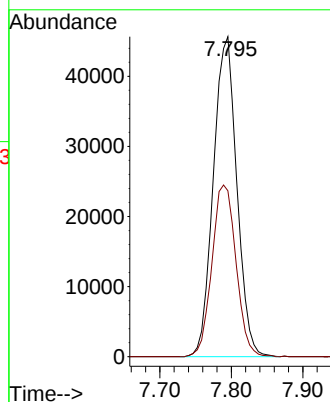
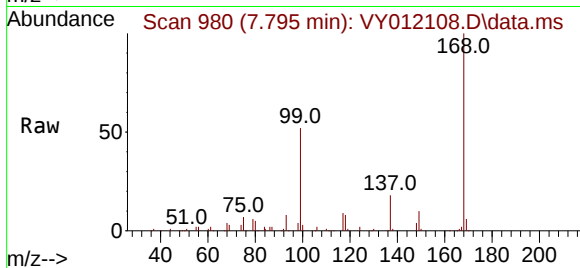




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

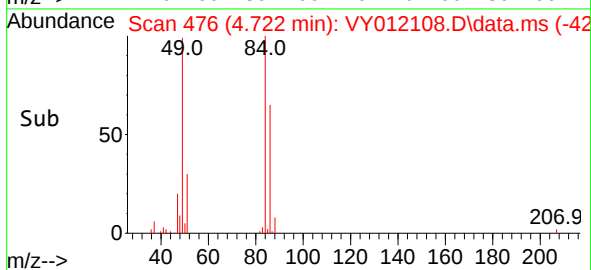
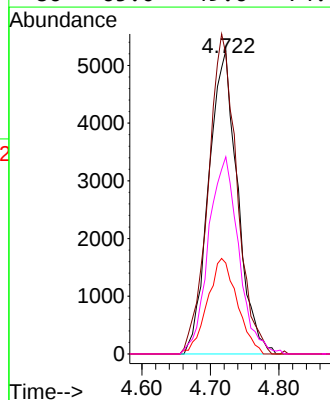
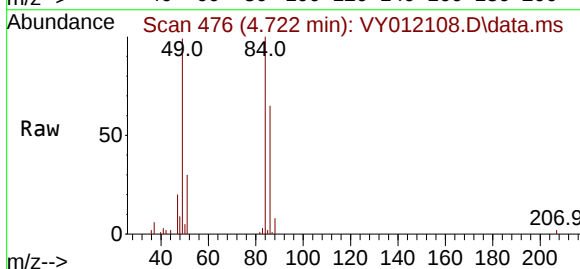
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

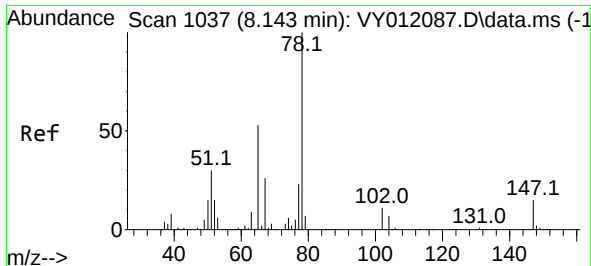
Tgt Ion:168 Resp: 104141
Ion Ratio Lower Upper
168 100
99 51.8 44.0 66.0



#20
Methylene Chloride
Concen: 8.262 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

Tgt Ion: 84 Resp: 15363
Ion Ratio Lower Upper
84 100
49 98.9 95.4 143.2
51 30.0 29.9 44.9
86 65.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 56.992 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012108.D

Acq: 09 Jan 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

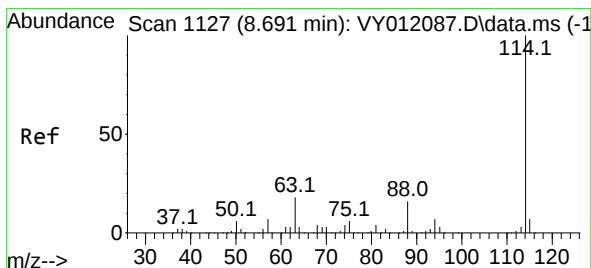
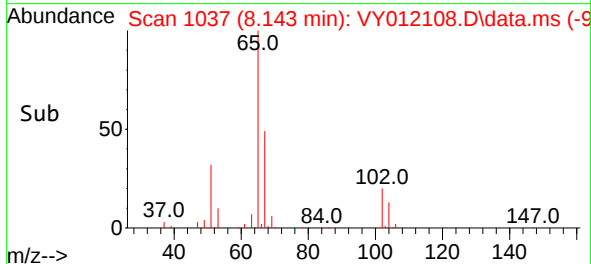
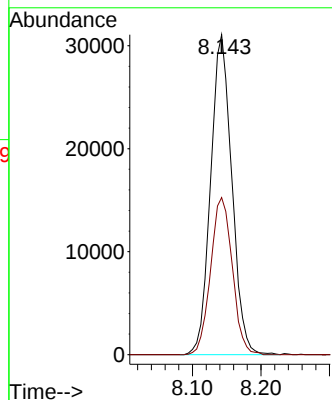
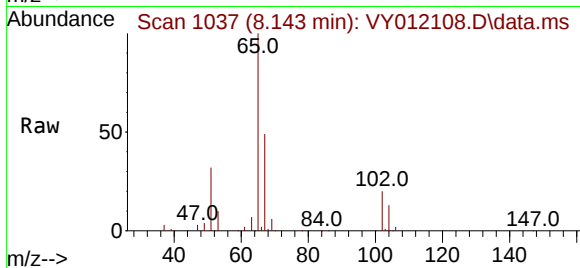
CL-01-010523

Tgt Ion: 65 Resp: 66691

Ion Ratio Lower Upper

65 100

67 50.3 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: VY012108.D

Acq: 09 Jan 2023 14:09

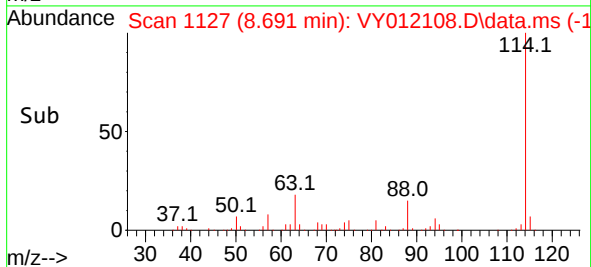
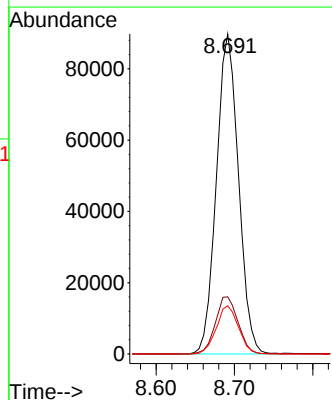
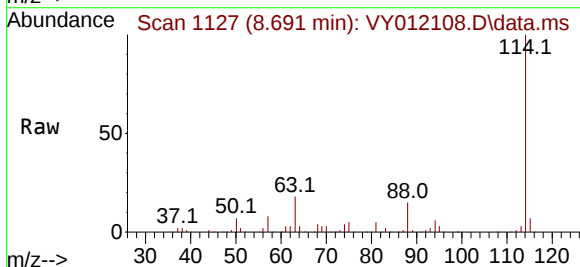
Tgt Ion:114 Resp: 176150

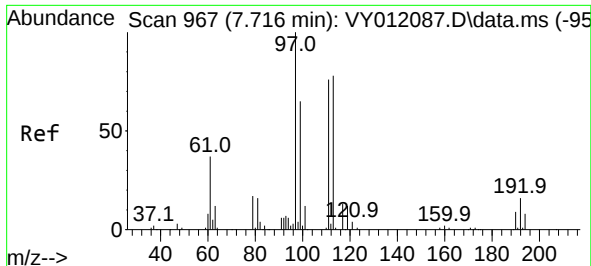
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.0 0.0 32.2

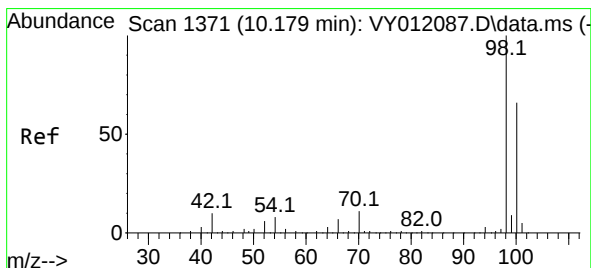
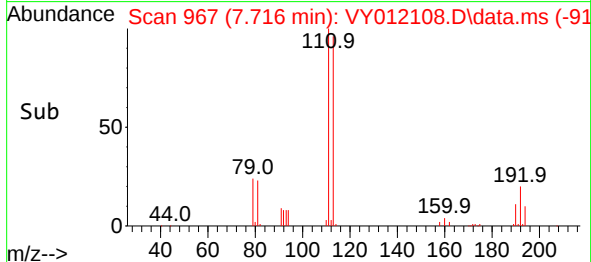
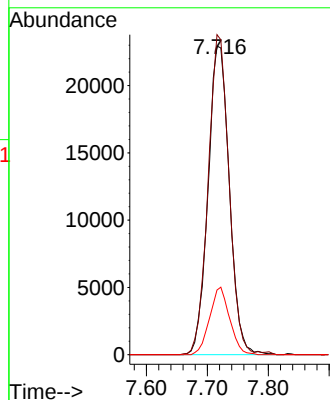
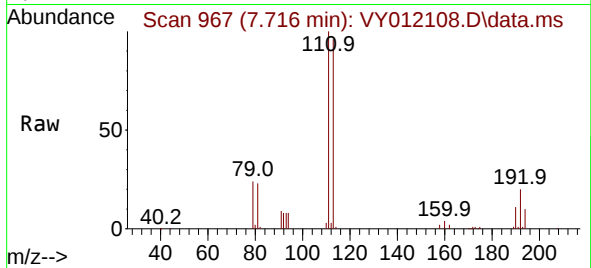




#35
Dibromofluoromethane
Concen: 48.247 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

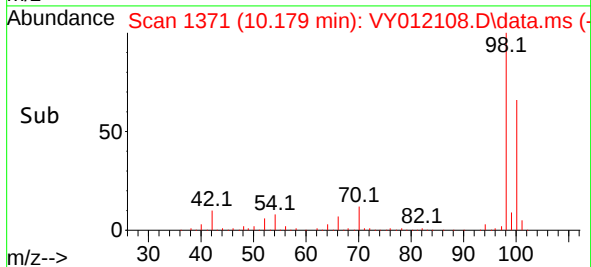
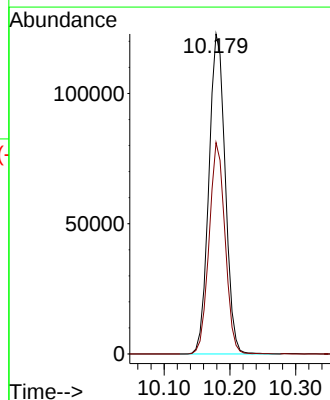
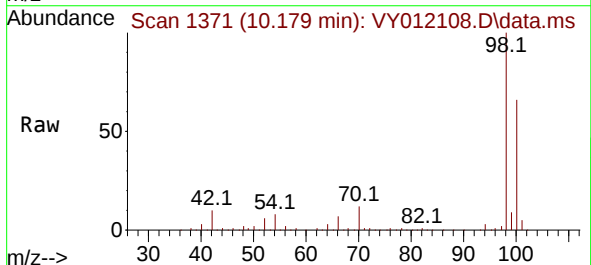
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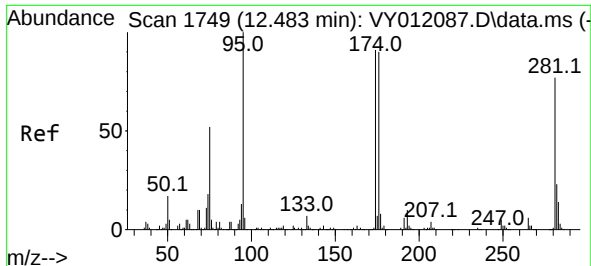
Tgt Ion:113 Resp: 55861
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 20.5 16.0 24.0



#50
Toluene-d8
Concen: 46.478 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

Tgt Ion: 98 Resp: 212400
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

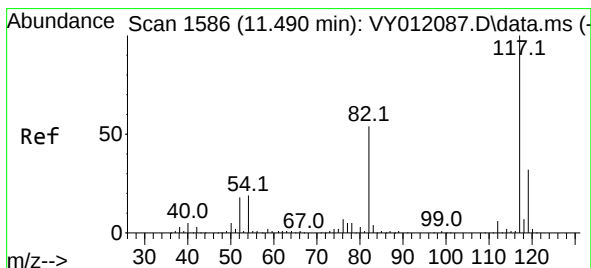
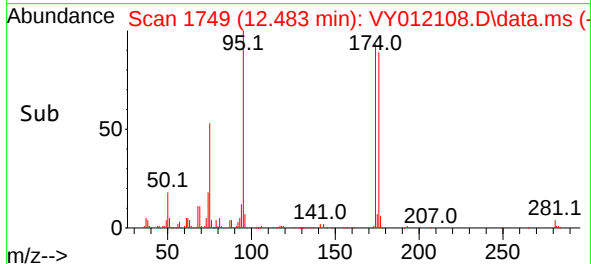
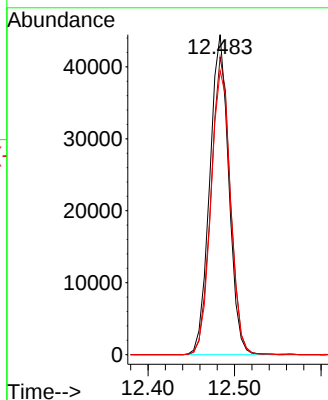
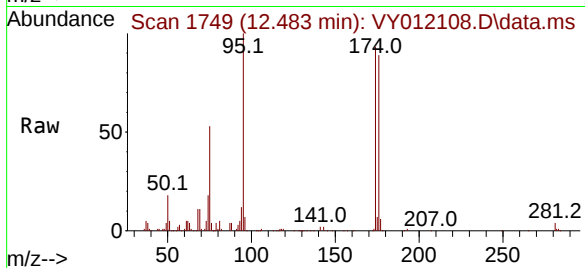




#62
4-Bromofluorobenzene
Concen: 42.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

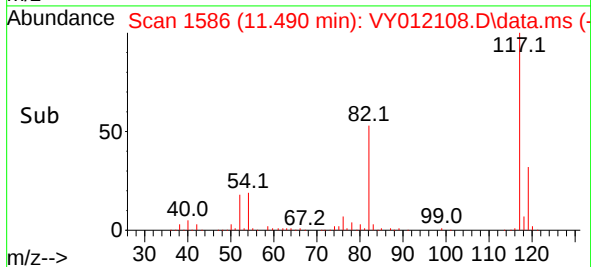
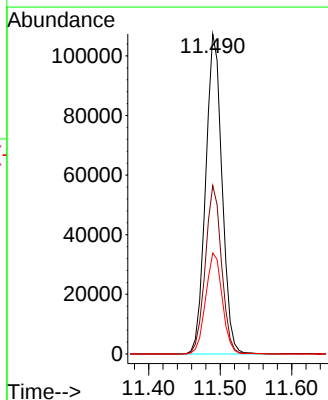
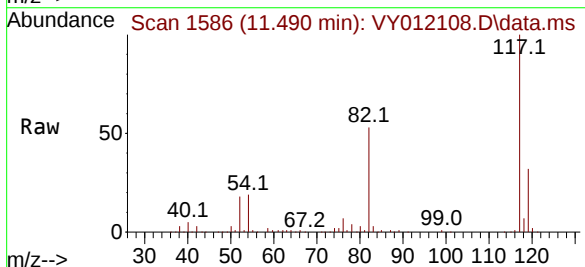
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

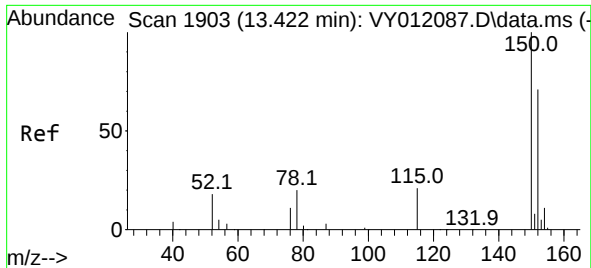
Tgt Ion: 95 Resp: 67954
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012108.D
Acq: 09 Jan 2023 14:09

Tgt Ion: 117 Resp: 170661
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.6 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: VY012108.D
 Acq: 09 Jan 2023 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523

Tgt Ion:152 Resp: 77692
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.3
 150 157.5 0.0 342.6

