

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012208.D
 Acq On : 16 Jan 2023 18:42
 Operator : KP/MD
 Sample : 01125-01RE
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-04-SB01RE

Quant Time: Jan 17 04:50:55 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)

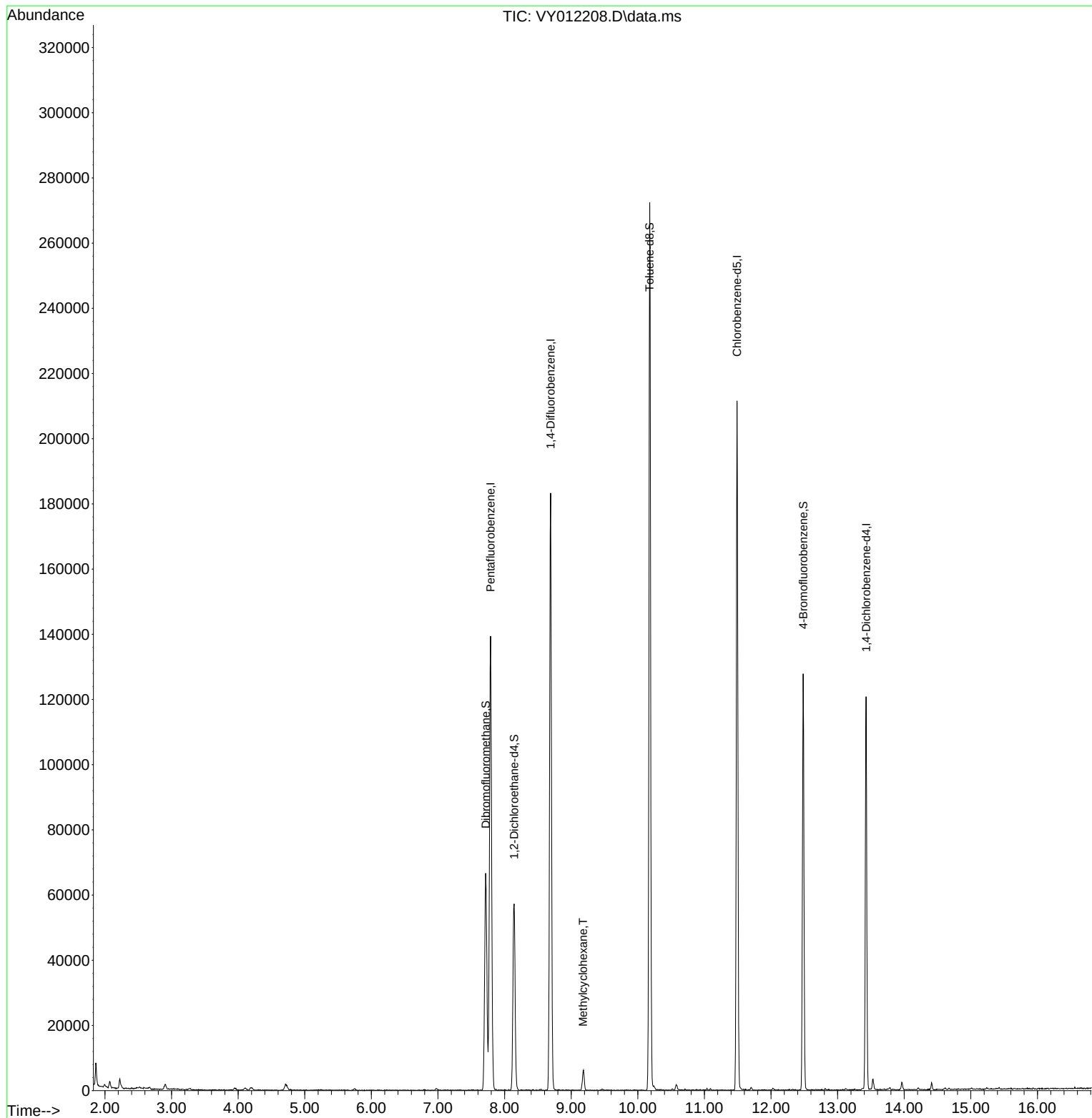
Internal Standards						
1) Pentafluorobenzene	7.789	168	105467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49836	57.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.220%
35) Dibromofluoromethane	7.716	113	44917	52.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.179	98	182138	62.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.160%
62) 4-Bromofluorobenzene	12.483	95	36357	30.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.340%
Target Compounds						
39) Methylcyclohexane	9.179	83	2740	1.543	ug/l	Qvalue 90

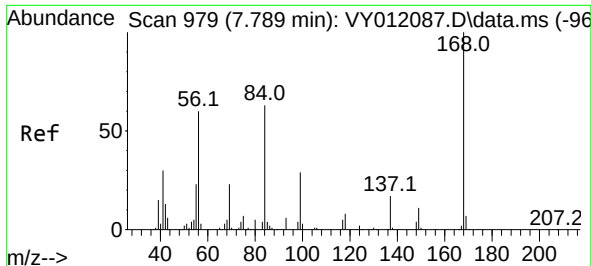
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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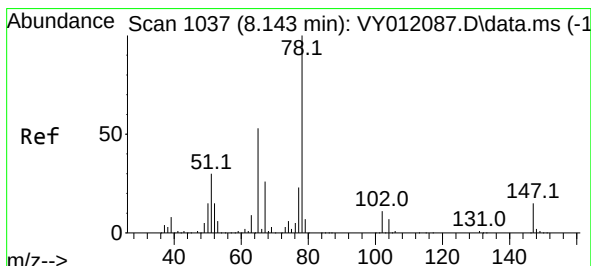
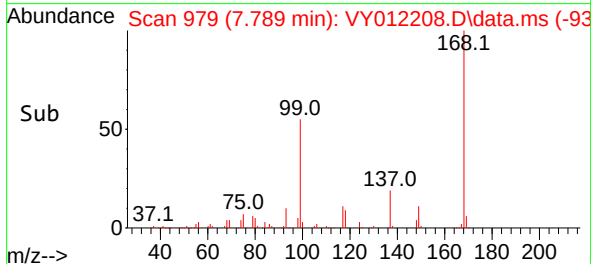
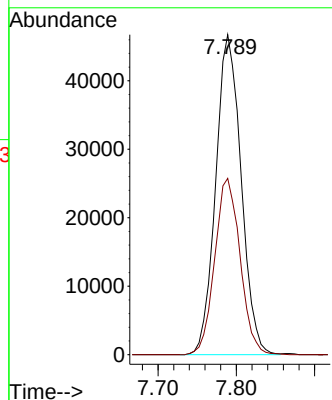
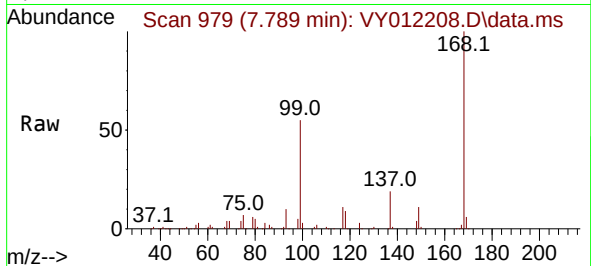




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012208.D
Acq: 16 Jan 2023 18:42

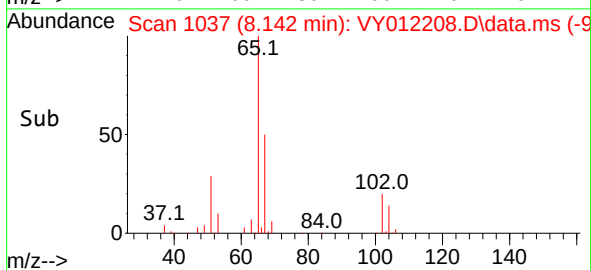
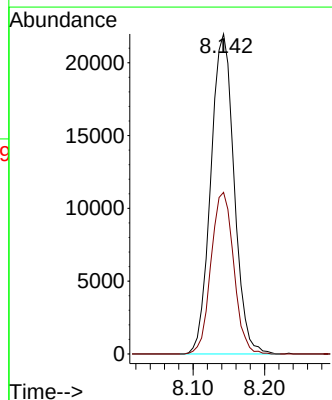
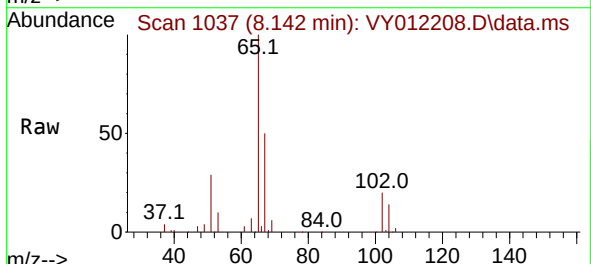
Instrument :
MSVOA_Y
ClientSampleId :
B-04-SB01RE

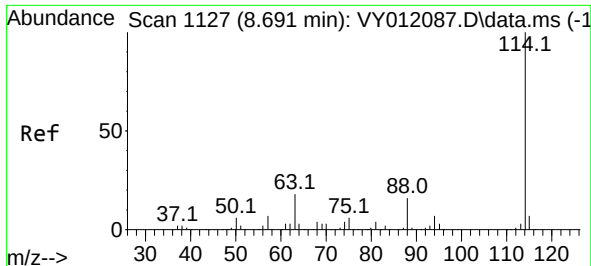
Tgt Ion:168 Resp: 105467
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.606 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012208.D
Acq: 16 Jan 2023 18:42

Tgt Ion: 65 Resp: 49836
Ion Ratio Lower Upper
65 100
67 49.0 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: VY012208.D

Acq: 16 Jan 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB01RE

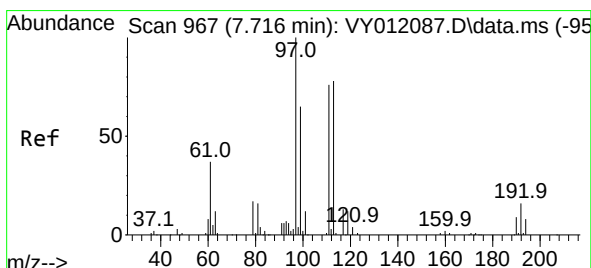
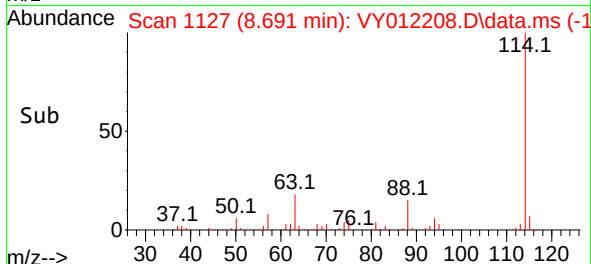
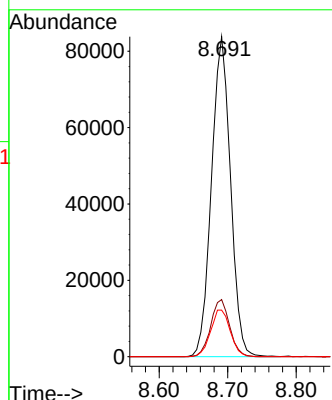
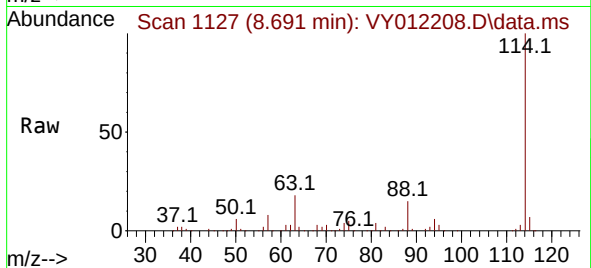
Tgt Ion:114 Resp: 161446

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.543 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012208.D

Acq: 16 Jan 2023 18:42

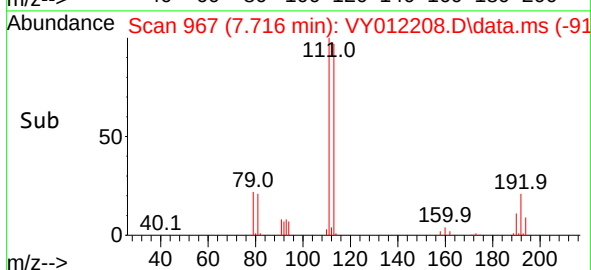
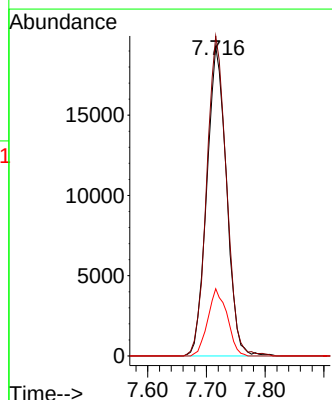
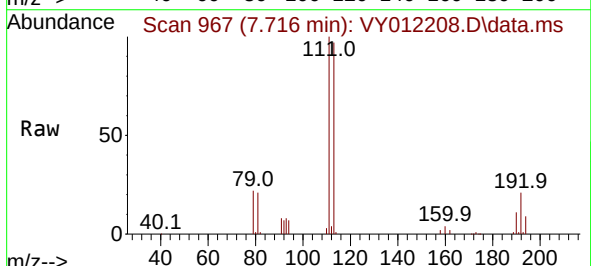
Tgt Ion:113 Resp: 44917

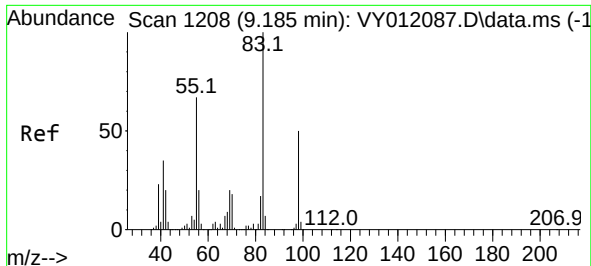
Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

192 21.3 16.0 24.0





#39

Methylcyclohexane

Concen: 1.543 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.006 min

Lab File: VY012208.D

Acq: 16 Jan 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB01RE

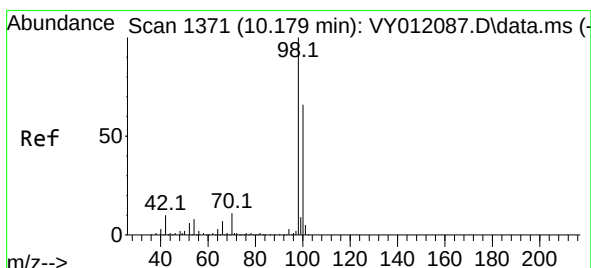
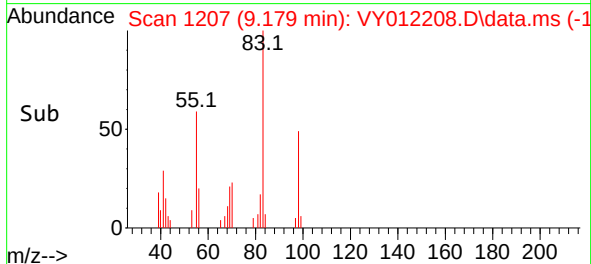
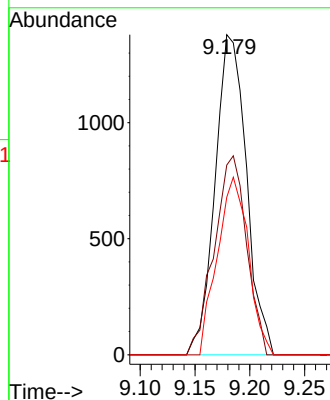
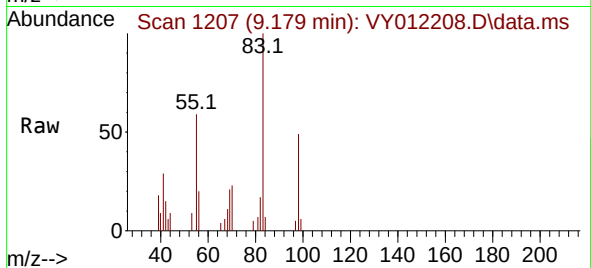
Tgt Ion: 83 Resp: 2740

Ion Ratio Lower Upper

83 100

55 59.2 58.2 87.2

98 49.2 38.6 58.0



#50

Toluene-d8

Concen: 62.583 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012208.D

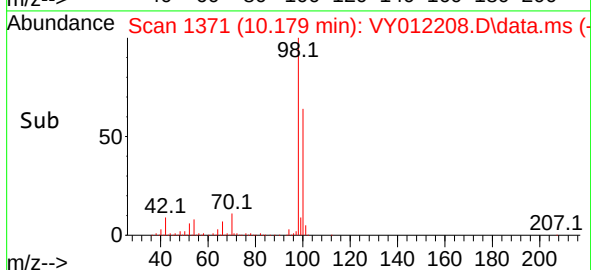
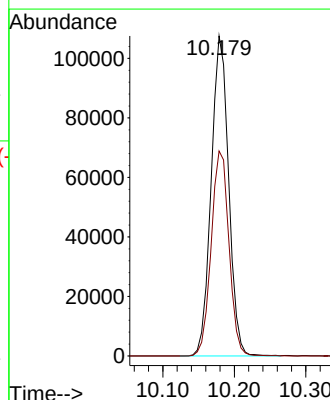
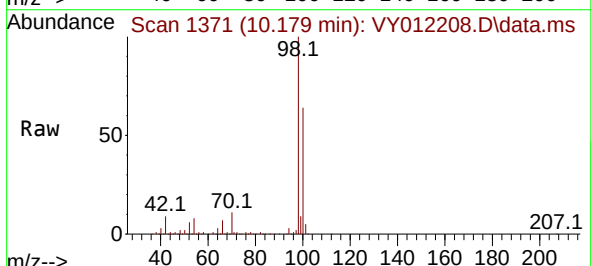
Acq: 16 Jan 2023 18:42

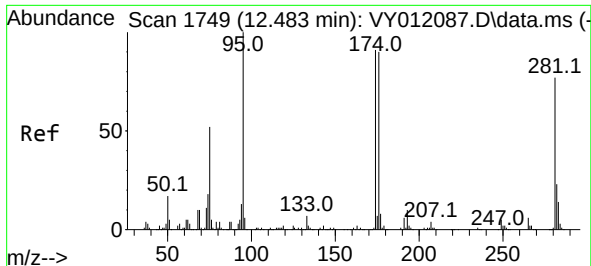
Tgt Ion: 98 Resp: 182138

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

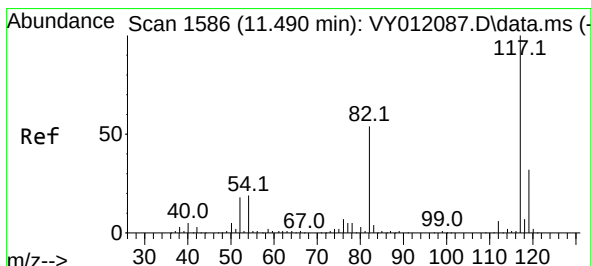
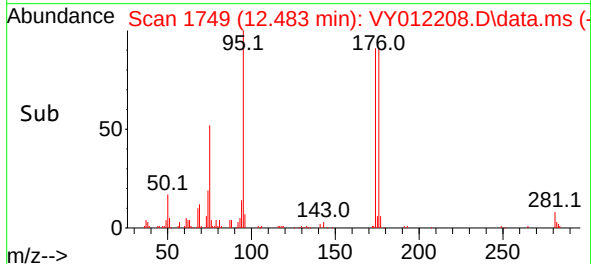
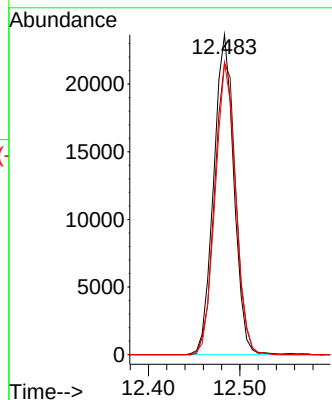
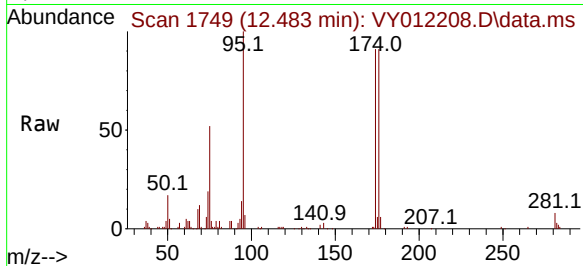




#62
4-Bromofluorobenzene
Concen: 30.170 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012208.D
Acq: 16 Jan 2023 18:42

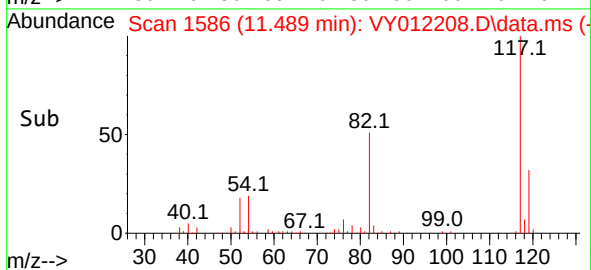
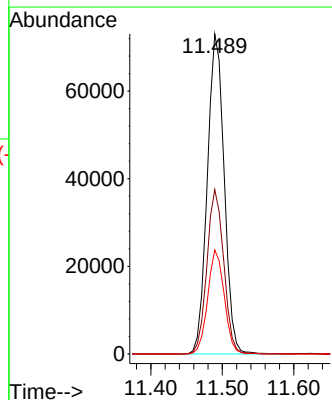
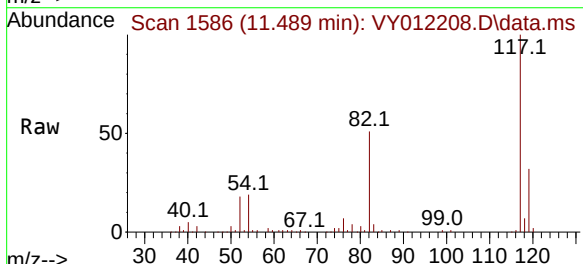
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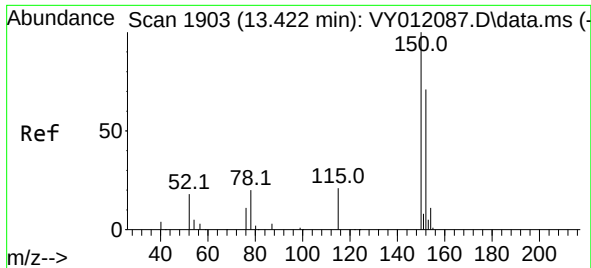
Tgt Ion: 95 Resp: 36357
Ion Ratio Lower Upper
95 100
174 96.4 0.0 172.0
176 92.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012208.D
Acq: 16 Jan 2023 18:42

Tgt Ion: 117 Resp: 119859
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 32.5 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: VY012208.D

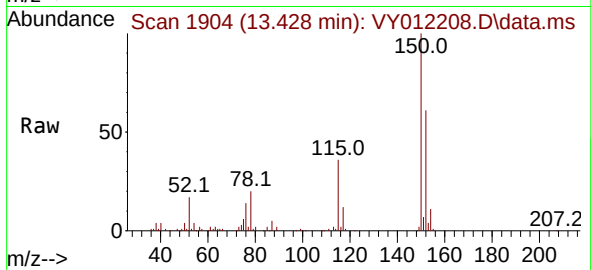
Acq: 16 Jan 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

B-04-SB01RE



Tgt Ion:152 Resp: 32399

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 155.8 0.0 342.6

