

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012421.D
 Acq On : 31 Jan 2023 15:35
 Operator : KP/MD
 Sample : 01358-04RE
 Misc : 7.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DR-2-012723RE

Quant Time: Feb 01 01:25:00 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	155094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94649	75.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.280%
35) Dibromofluoromethane	7.716	113	76898	56.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.300%
50) Toluene-d8	10.179	98	312292	67.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	134.620%
62) 4-Bromofluorobenzene	12.483	95	101463	52.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.100%

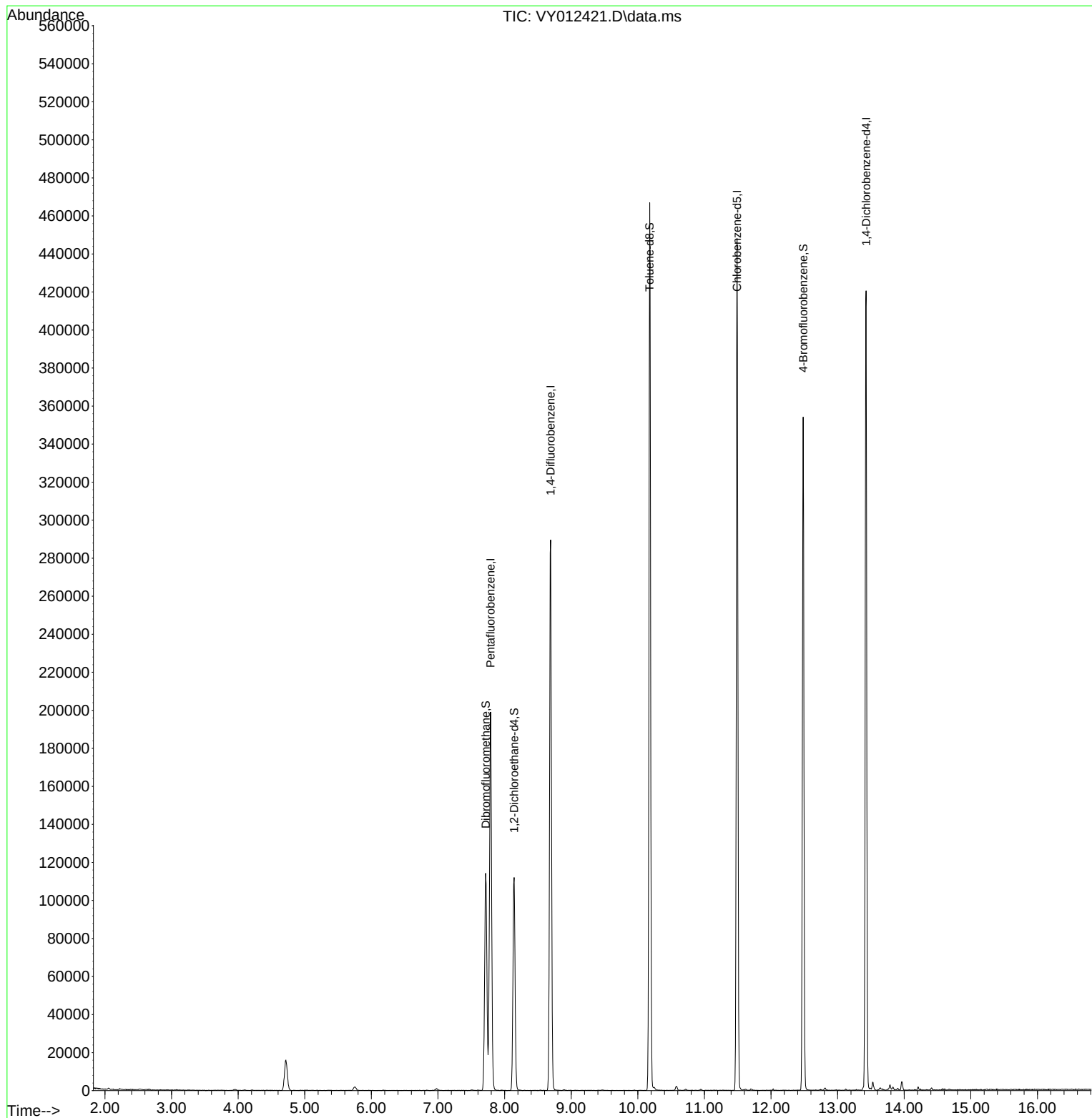
Target Compounds	Qvalue

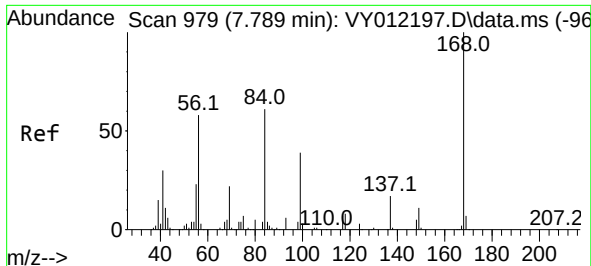
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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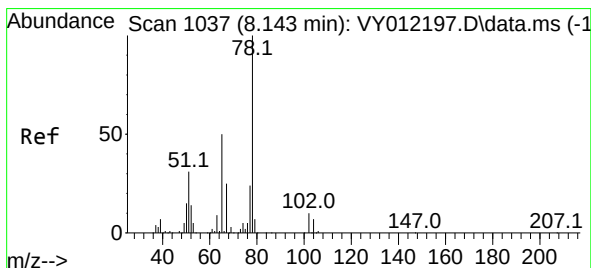
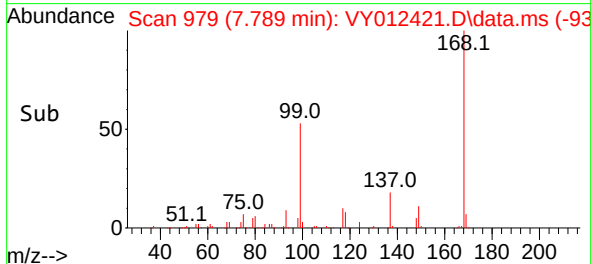
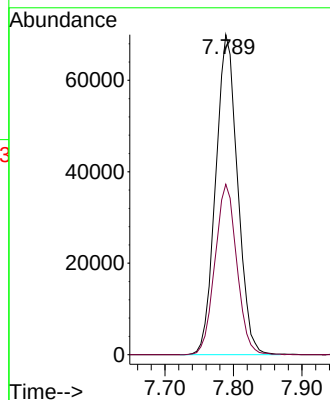
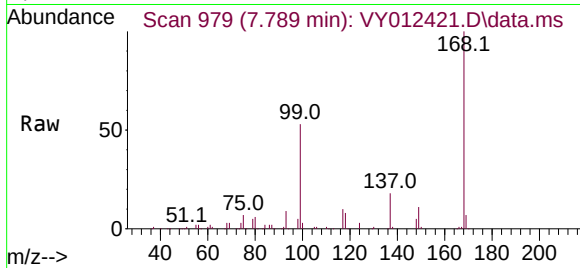




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012421.D
Acq: 31 Jan 2023 15:35

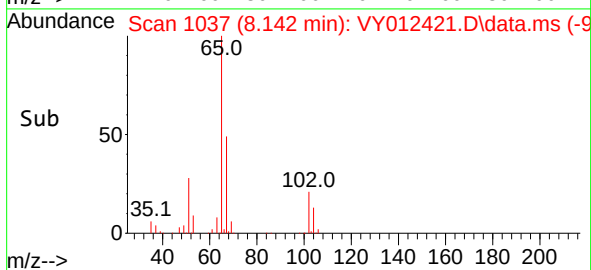
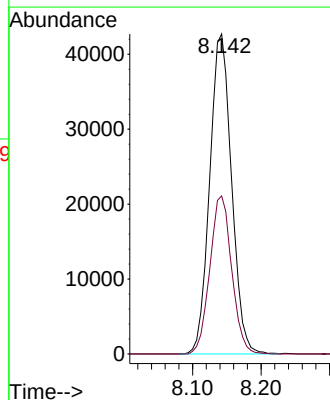
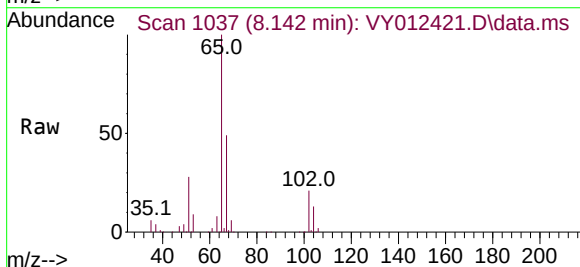
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723RE

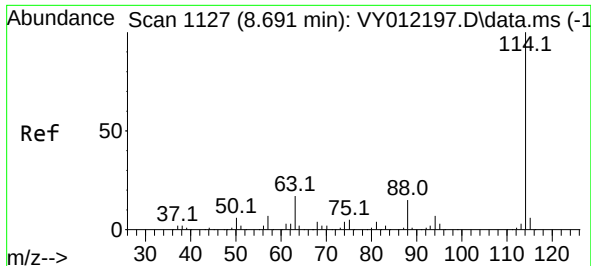
Tgt Ion:168 Resp: 155094
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 75.642 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012421.D
Acq: 31 Jan 2023 15:35

Tgt Ion: 65 Resp: 94649
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: VY012421.D

Acq: 31 Jan 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

DR-2-012723RE

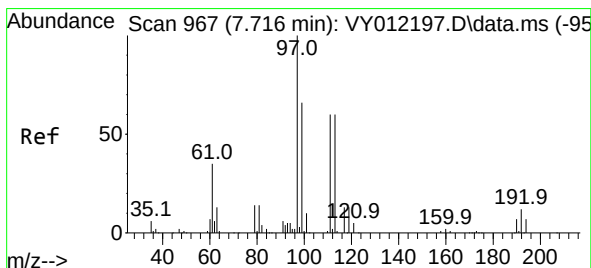
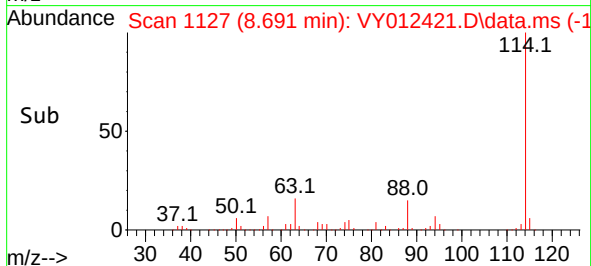
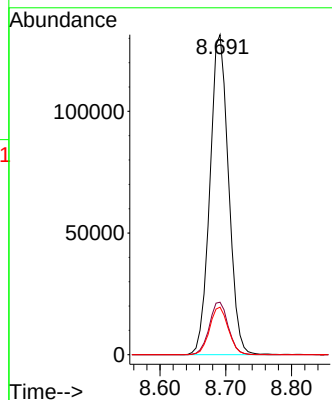
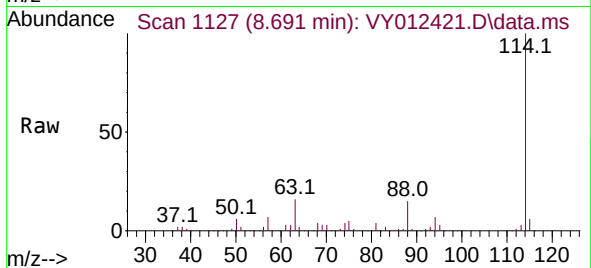
Tgt Ion:114 Resp: 258645

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.149 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012421.D

Acq: 31 Jan 2023 15:35

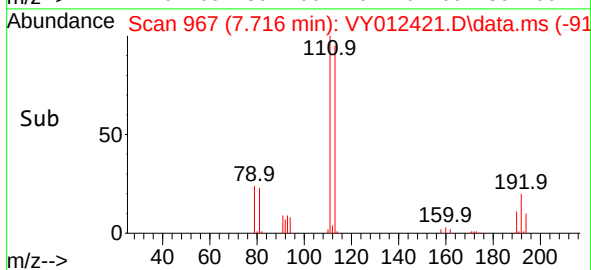
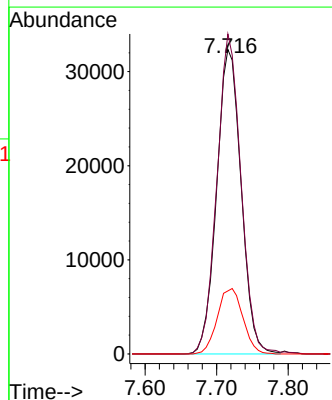
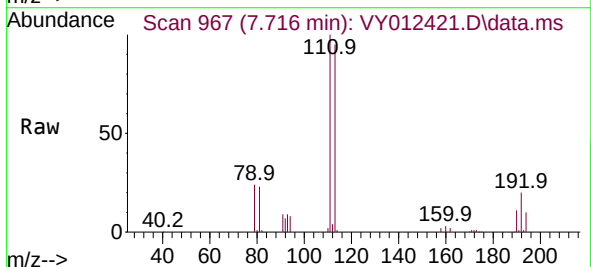
Tgt Ion:113 Resp: 76898

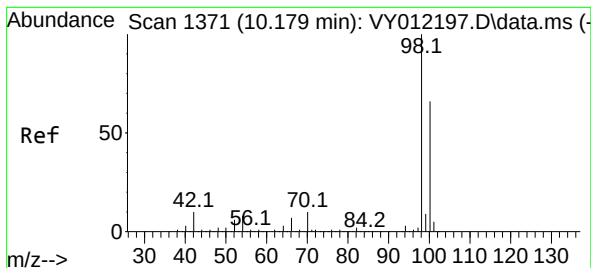
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 22.4 16.0 24.0

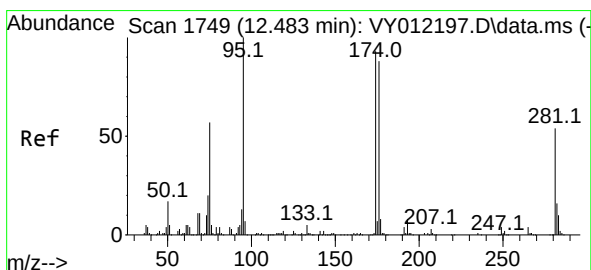
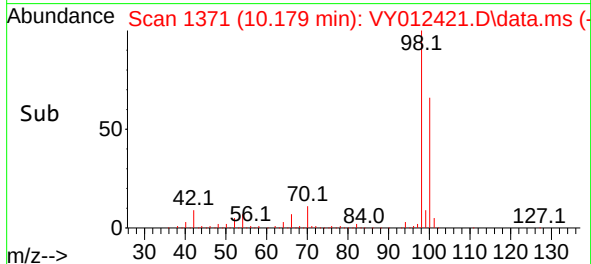
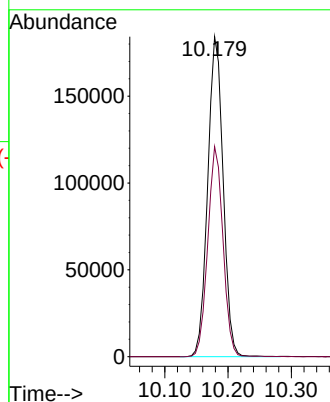
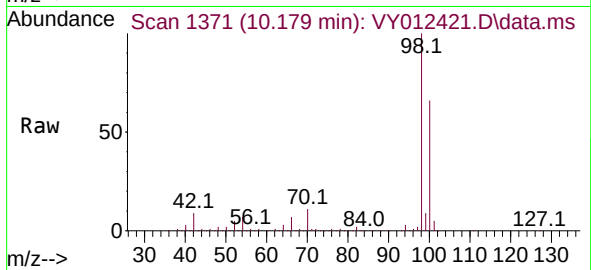




#50
Toluene-d8
Concen: 67.313 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012421.D
Acq: 31 Jan 2023 15:35

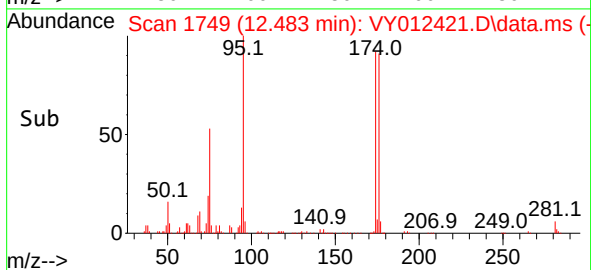
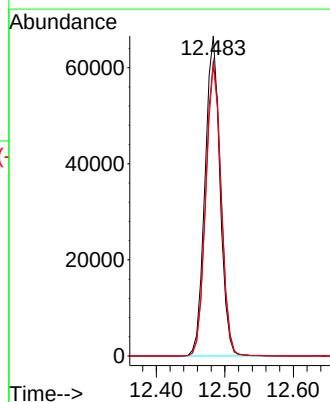
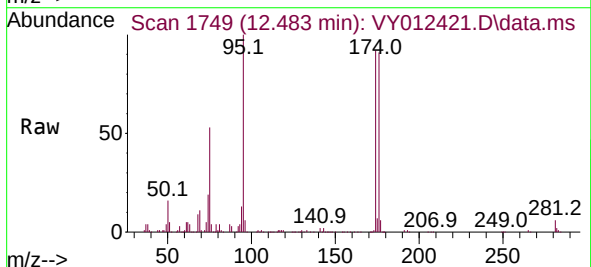
Instrument :
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DR-2-012723RE

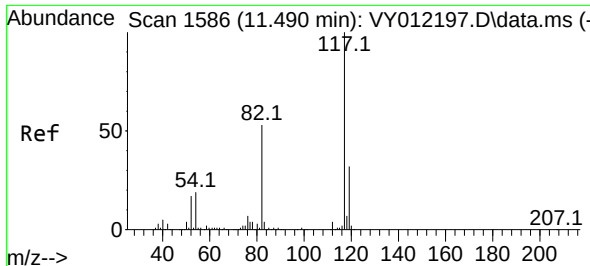
Tgt Ion: 98 Resp: 312292
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012421.D
Acq: 31 Jan 2023 15:35

Tgt Ion: 95 Resp: 101463
Ion Ratio Lower Upper
95 100
174 95.4 0.0 172.0
176 92.5 0.0 167.6

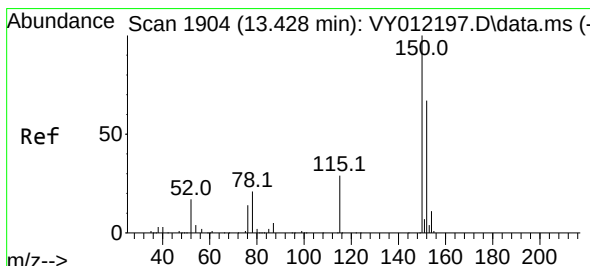
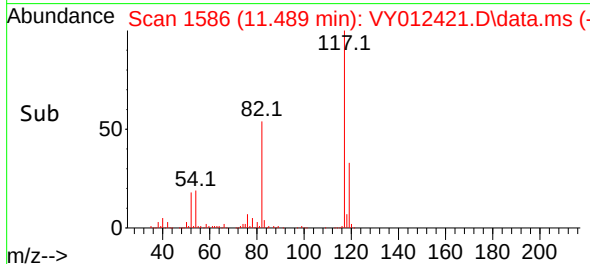
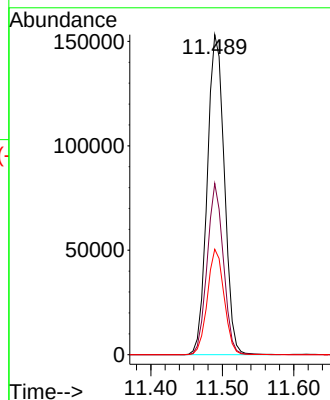
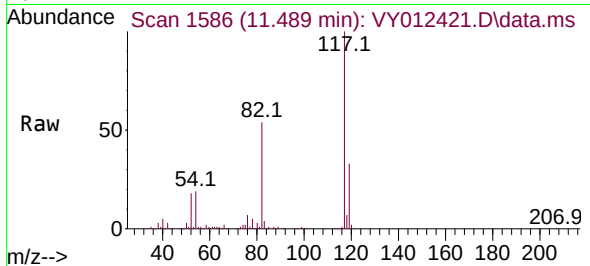




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012421.D
Acq: 31 Jan 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723RE

Tgt Ion:117 Resp: 254188
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 33.0 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: VY012421.D
Acq: 31 Jan 2023 15:35

Tgt Ion:152 Resp: 117163
Ion Ratio Lower Upper
152 100
115 55.9 29.1 87.3
150 156.4 0.0 342.6

