

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013447.D
 Acq On : 25 Apr 2023 15:29
 Operator : KP/MD
 Sample : 02477-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-H4(ELEV-22)

Quant Time: Apr 26 02:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109918	62.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.880%
35) Dibromofluoromethane	7.716	113	96776	56.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.800%
50) Toluene-d8	10.179	98	337814	55.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.477	95	107990	52.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.940%

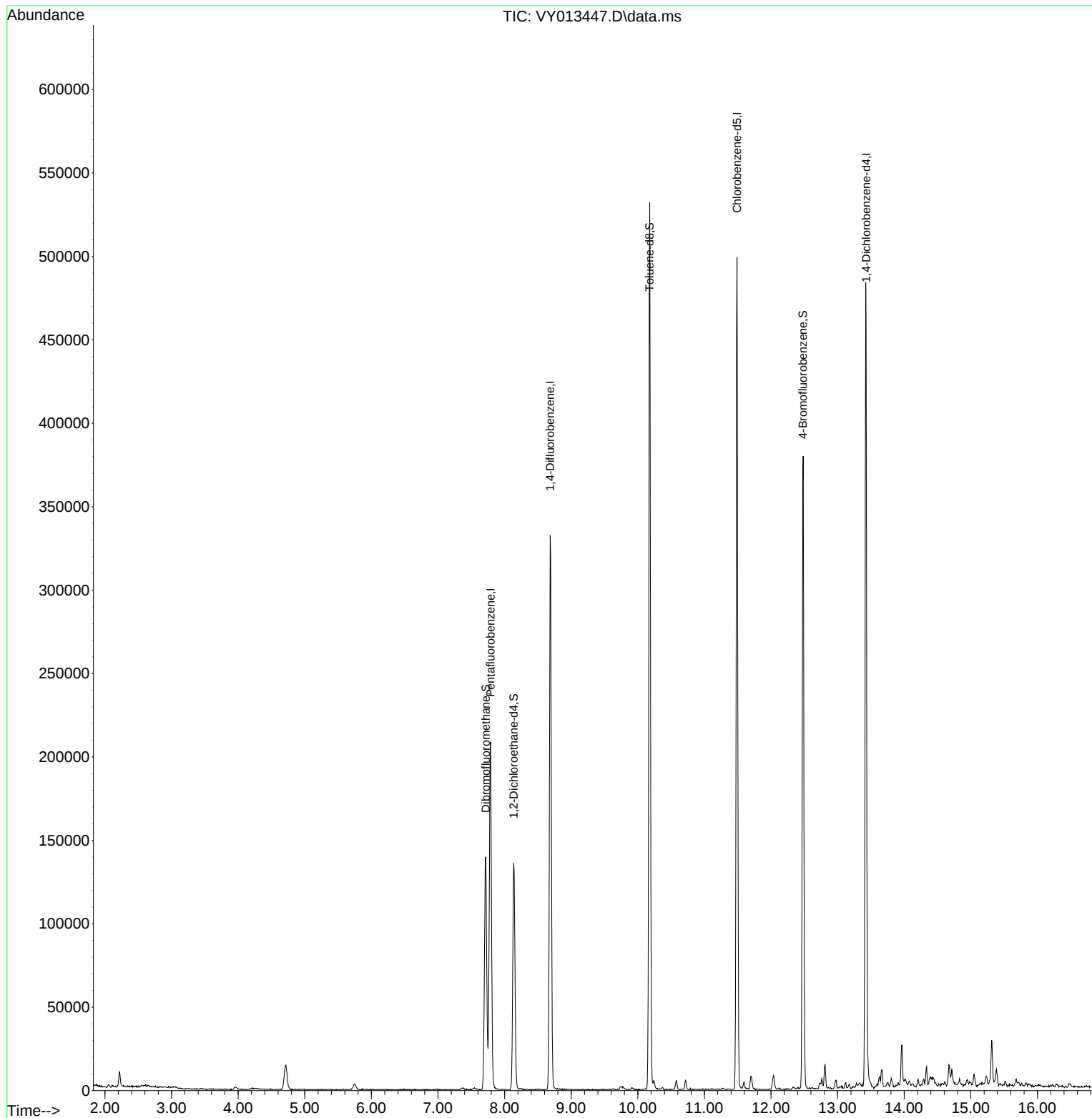
Target Compounds	Qvalue

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

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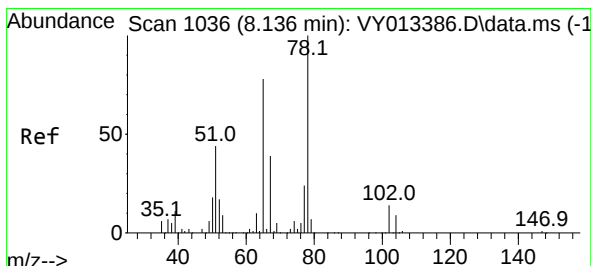
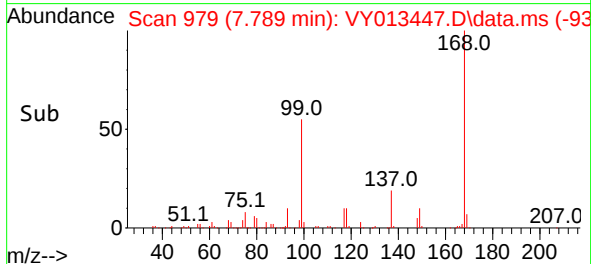
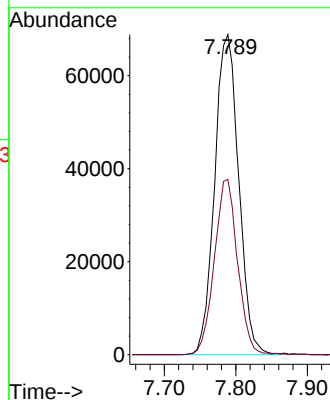
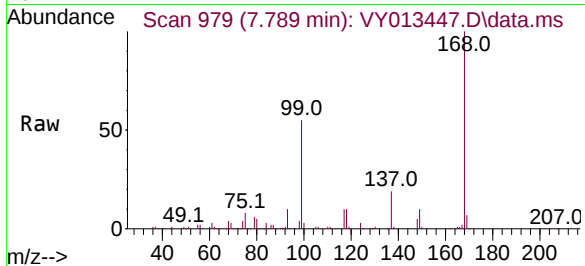




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

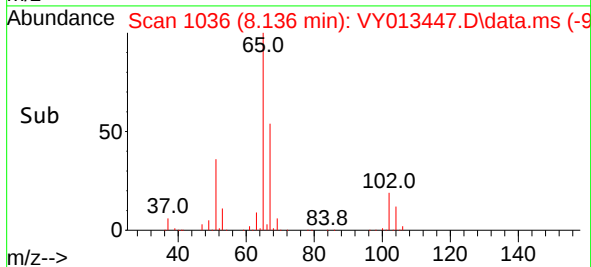
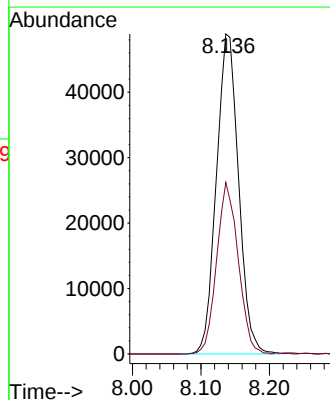
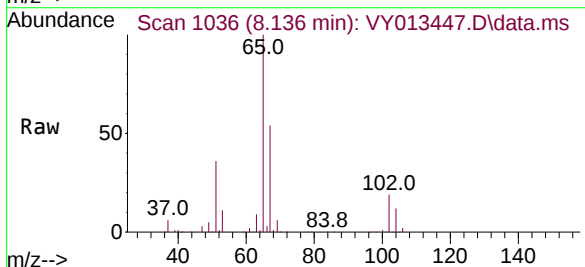
Instrument :
MSVOA_Y
ClientSampleId :
W-H4(ELEV-22)

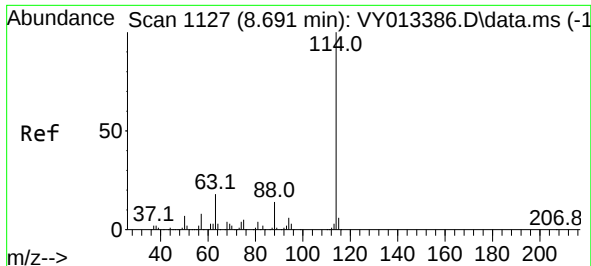
Tgt Ion:168 Resp: 160598
Ion Ratio Lower Upper
168 100
99 54.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.435 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

Tgt Ion: 65 Resp: 109918
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

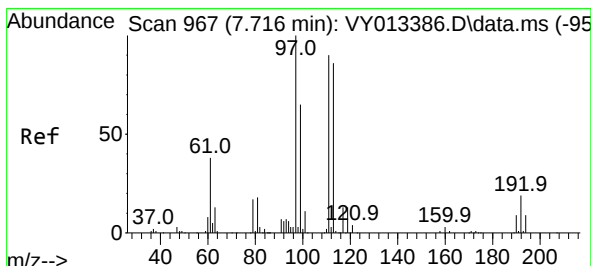
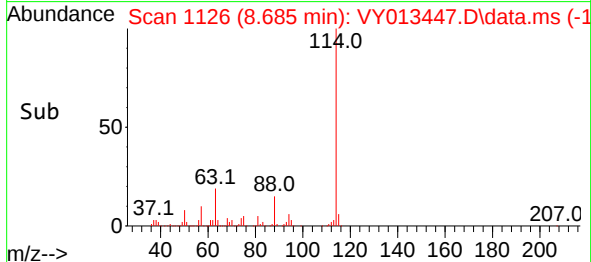
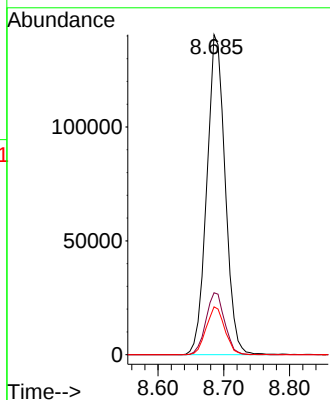
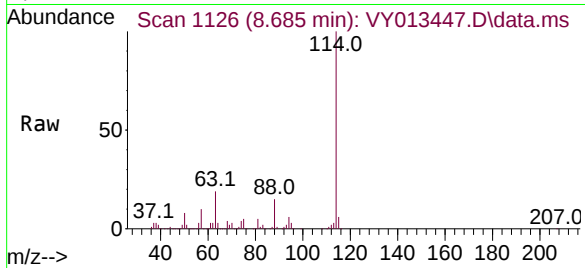




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

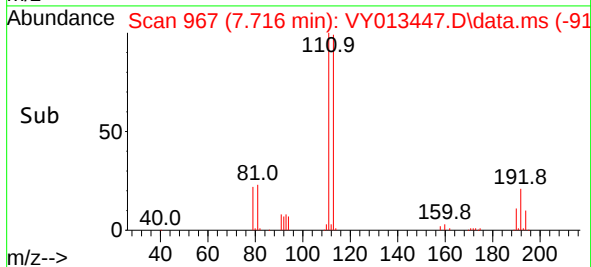
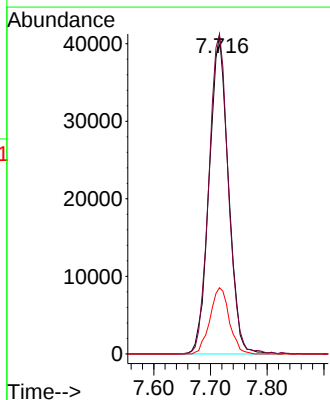
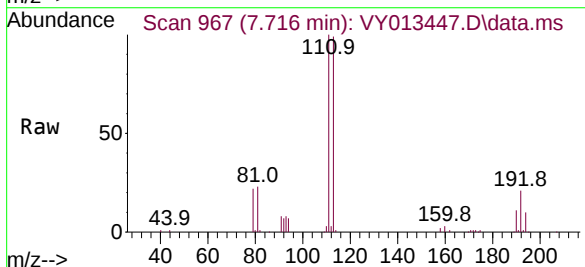
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ClientSampleId :
W-H4(ELEV-22)

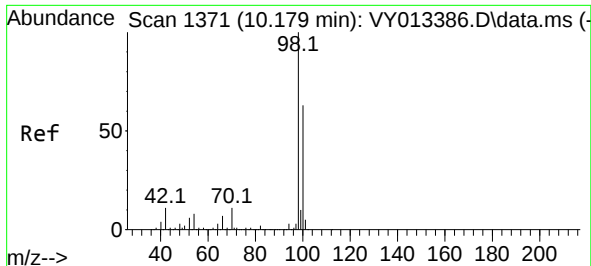
Tgt Ion:114 Resp: 272830
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.6
88 15.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.397 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

Tgt Ion:113 Resp: 96776
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.8 16.7 25.1

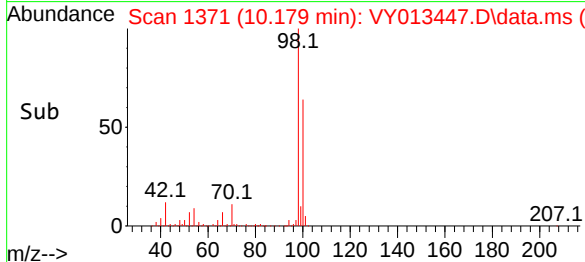
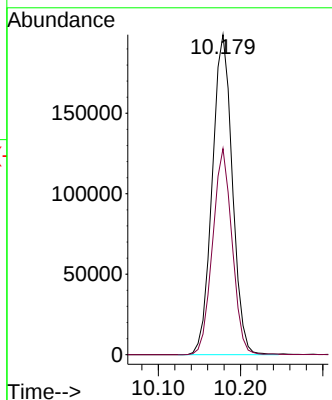
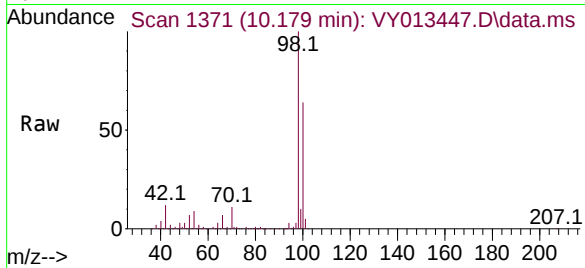




#50
Toluene-d8
Concen: 55.339 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

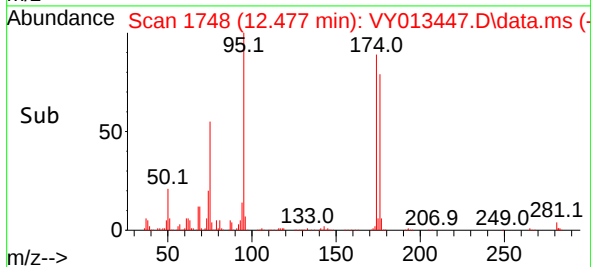
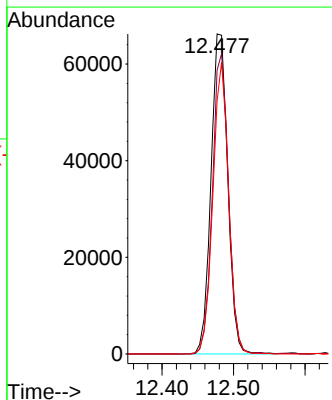
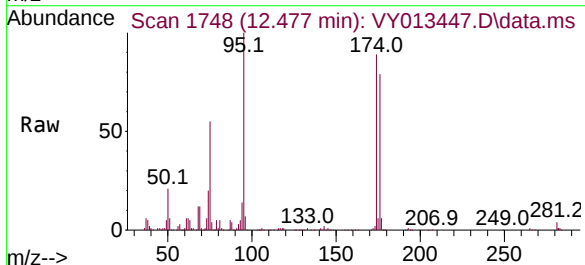
Instrument :
MSVOA_Y
ClientSampleId :
W-H4(ELEV-22)

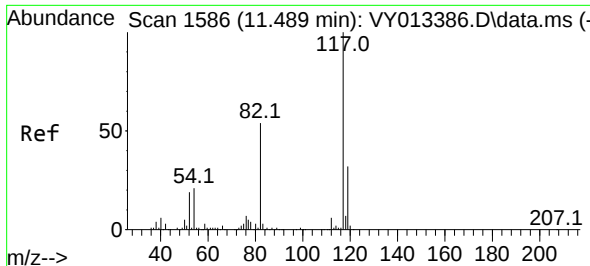
Tgt Ion: 98 Resp: 337814
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.474 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

Tgt Ion: 95 Resp: 107990
Ion Ratio Lower Upper
95 100
174 90.4 0.0 182.0
176 85.6 0.0 175.4

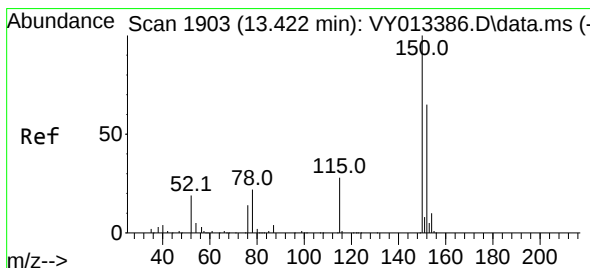
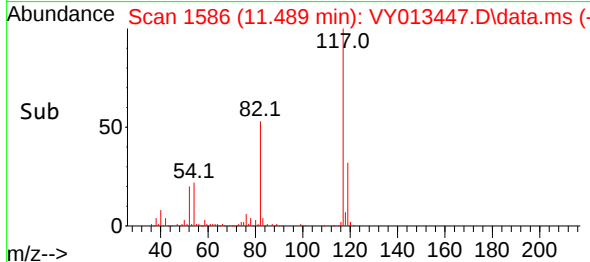
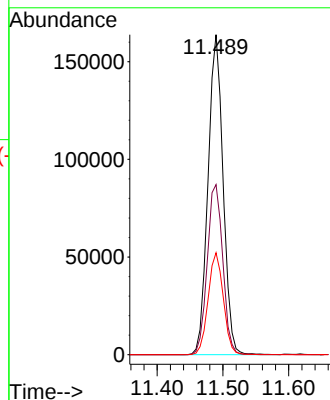
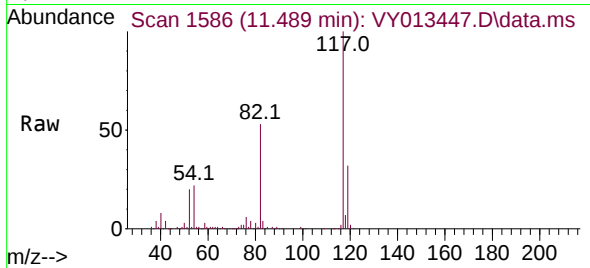




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :
W-H4(ELEV-22)

Tgt Ion:117 Resp: 261653
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013447.D
Acq: 25 Apr 2023 15:29

Tgt Ion:152 Resp: 122441
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 158.9 0.0 352.0

