

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013445.D
 Acq On : 25 Apr 2023 14:42
 Operator : KP/MD
 Sample : 02477-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 26 02:50:11 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	169262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	123588	66.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.220%
35) Dibromofluoromethane	7.715	113	103520	55.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.680%
50) Toluene-d8	10.178	98	360342	54.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.483	95	116800	52.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.060%

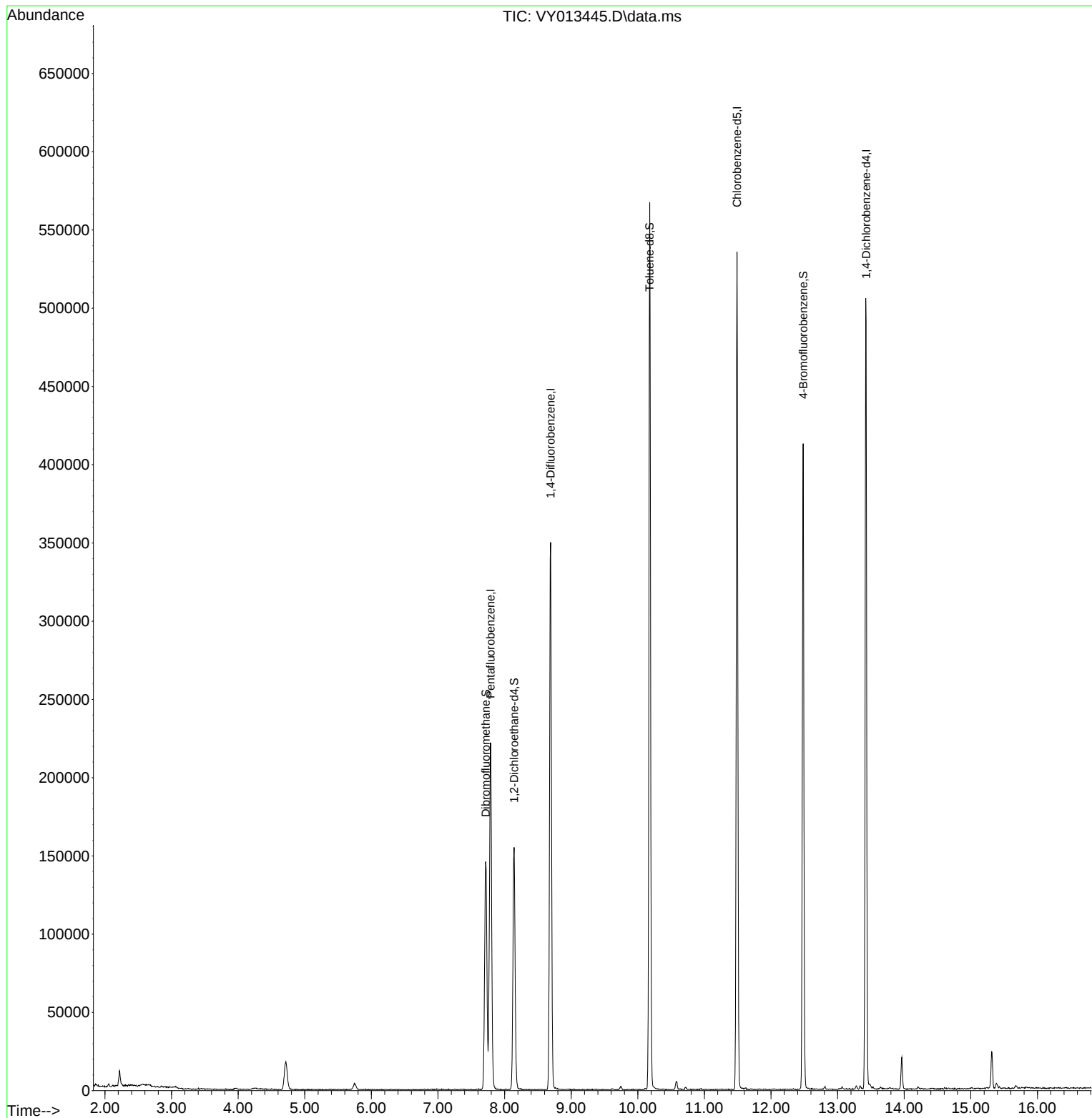
Target Compounds	Qvalue

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

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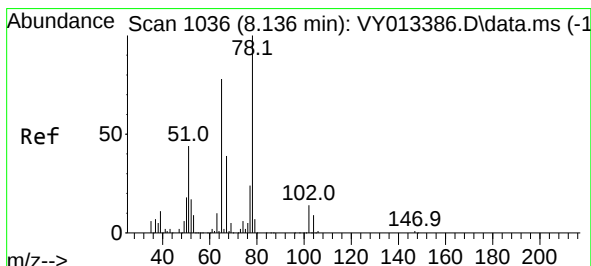
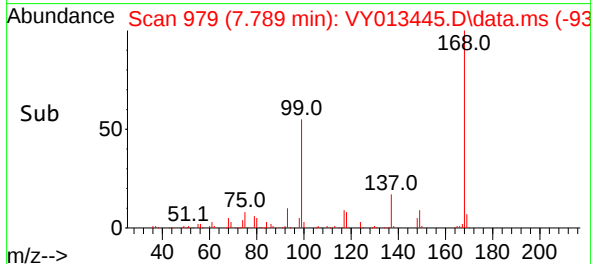
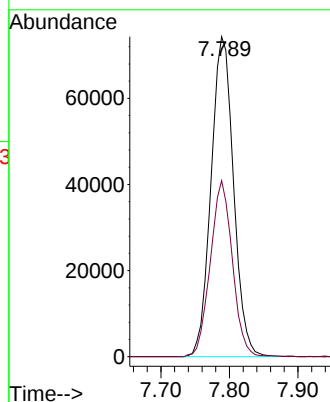
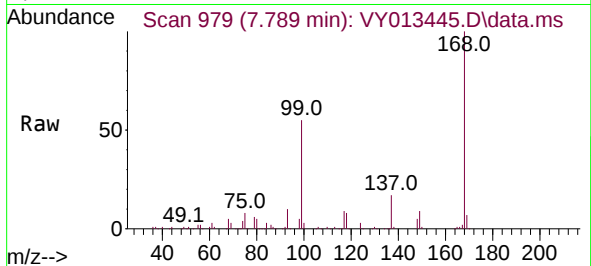




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

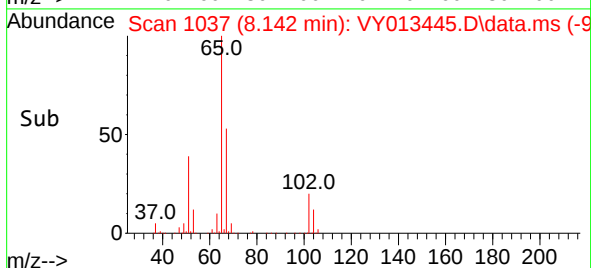
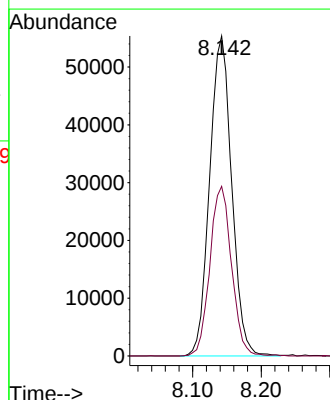
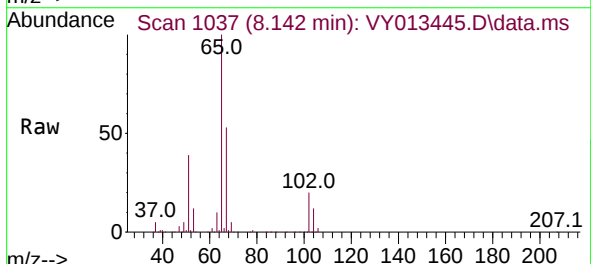
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

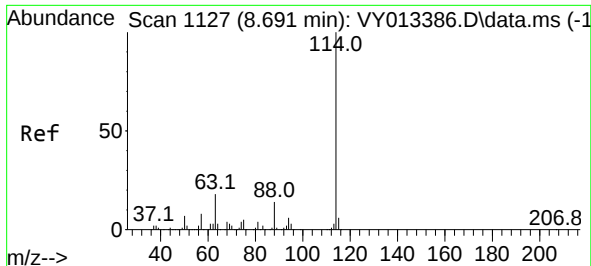
Tgt Ion:168 Resp: 169262
Ion Ratio Lower Upper
168 100
99 55.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.607 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion: 65 Resp: 123588
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

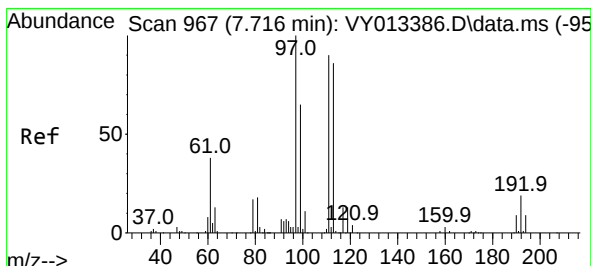
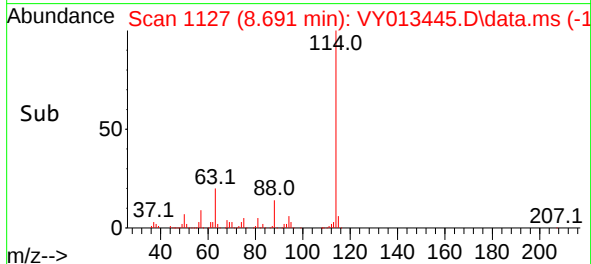
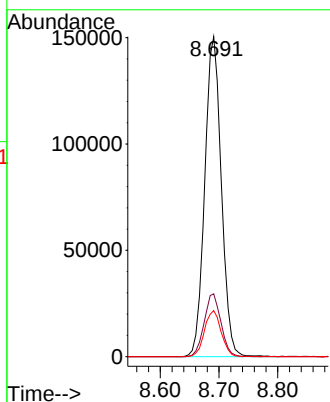
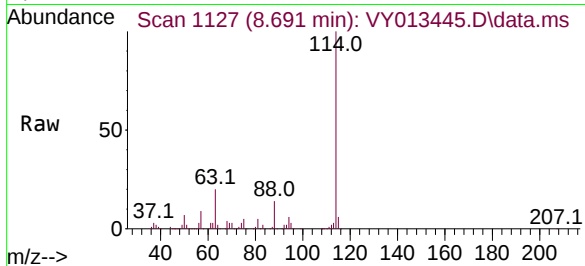




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

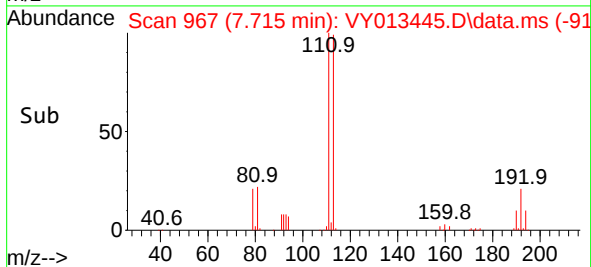
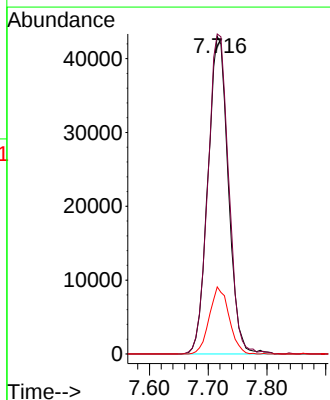
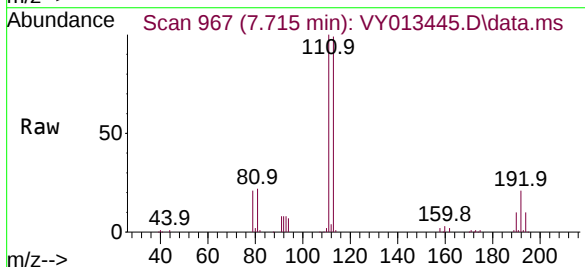
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

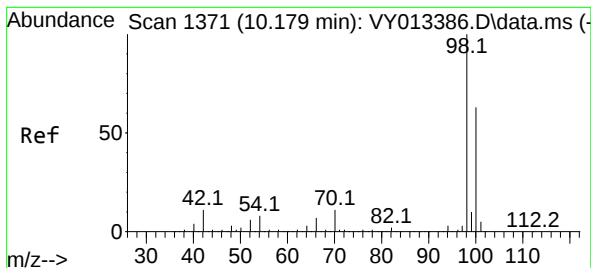
Tgt Ion:114 Resp: 294776
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.6
88 14.4 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.836 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion:113 Resp: 103520
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.4 16.7 25.1





#50

Toluene-d8

Concen: 54.635 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

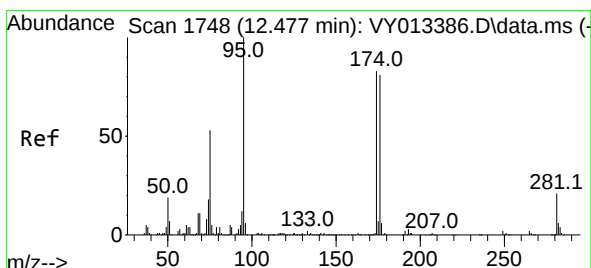
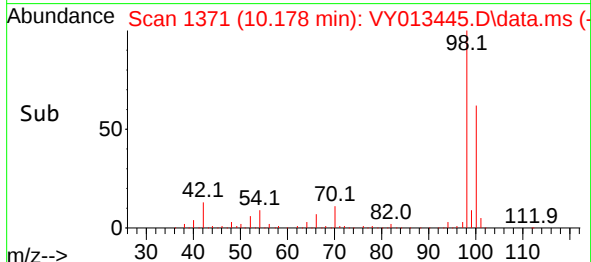
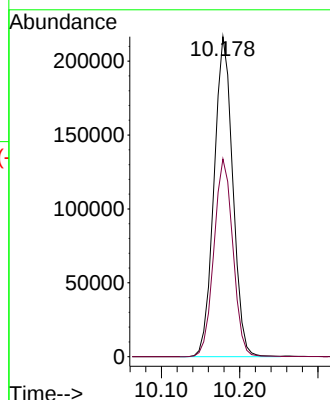
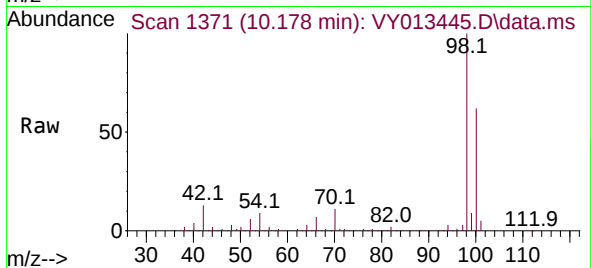
E-H4(ELEV-22)

Tgt Ion: 98 Resp: 360342

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 52.530 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

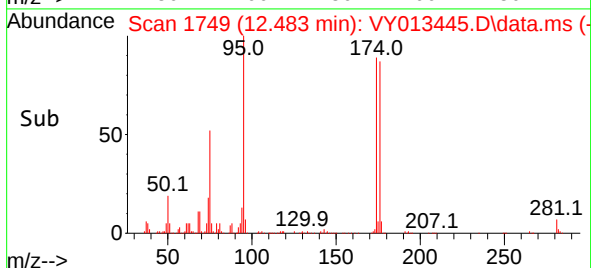
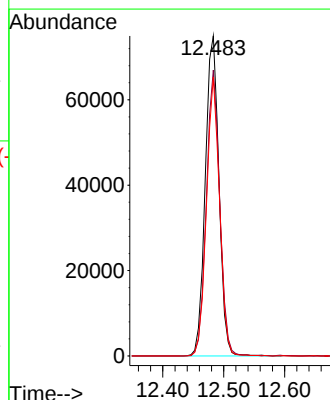
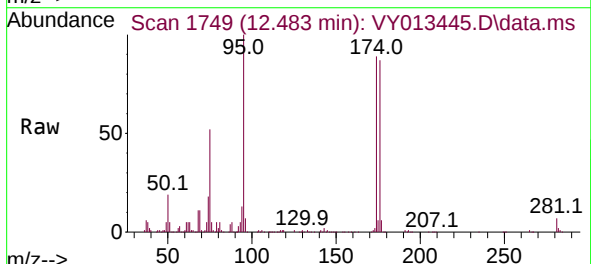
Tgt Ion: 95 Resp: 116800

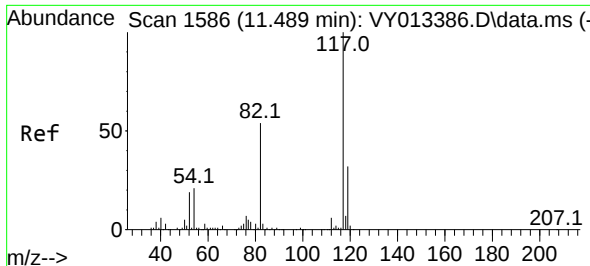
Ion Ratio Lower Upper

95 100

174 87.5 0.0 182.0

176 83.6 0.0 175.4

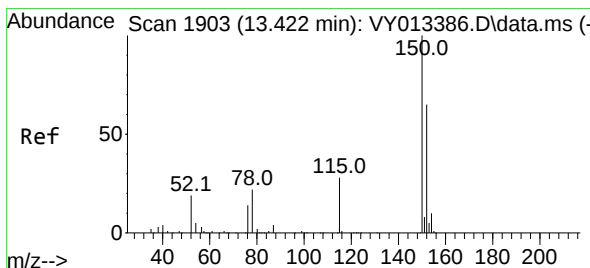
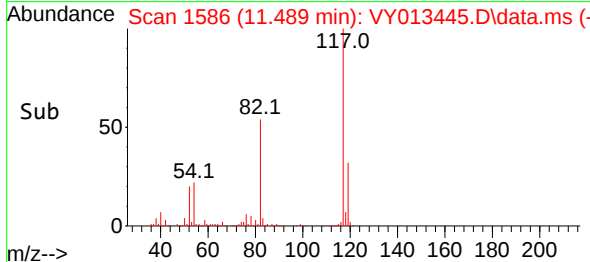
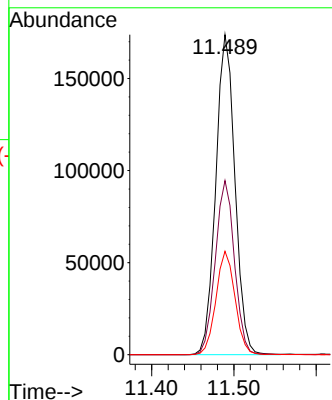
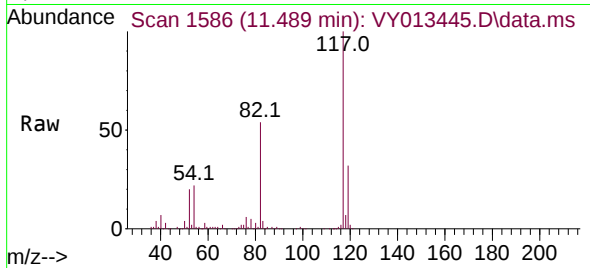




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

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

Tgt Ion:117 Resp: 282157
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 32.3 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: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion:152 Resp: 130595
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 155.6 0.0 352.0

