

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013578.D
 Acq On : 03 May 2023 13:49
 Operator : KP/MD
 Sample : 02554-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-42823RE

Quant Time: May 03 15:41:09 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	23800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	33019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16026	61.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.860%	
35) Dibromofluoromethane	7.716	113	12086	58.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.400%	
50) Toluene-d8	10.179	98	37931	51.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.477	95	11299	45.366	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.740%	

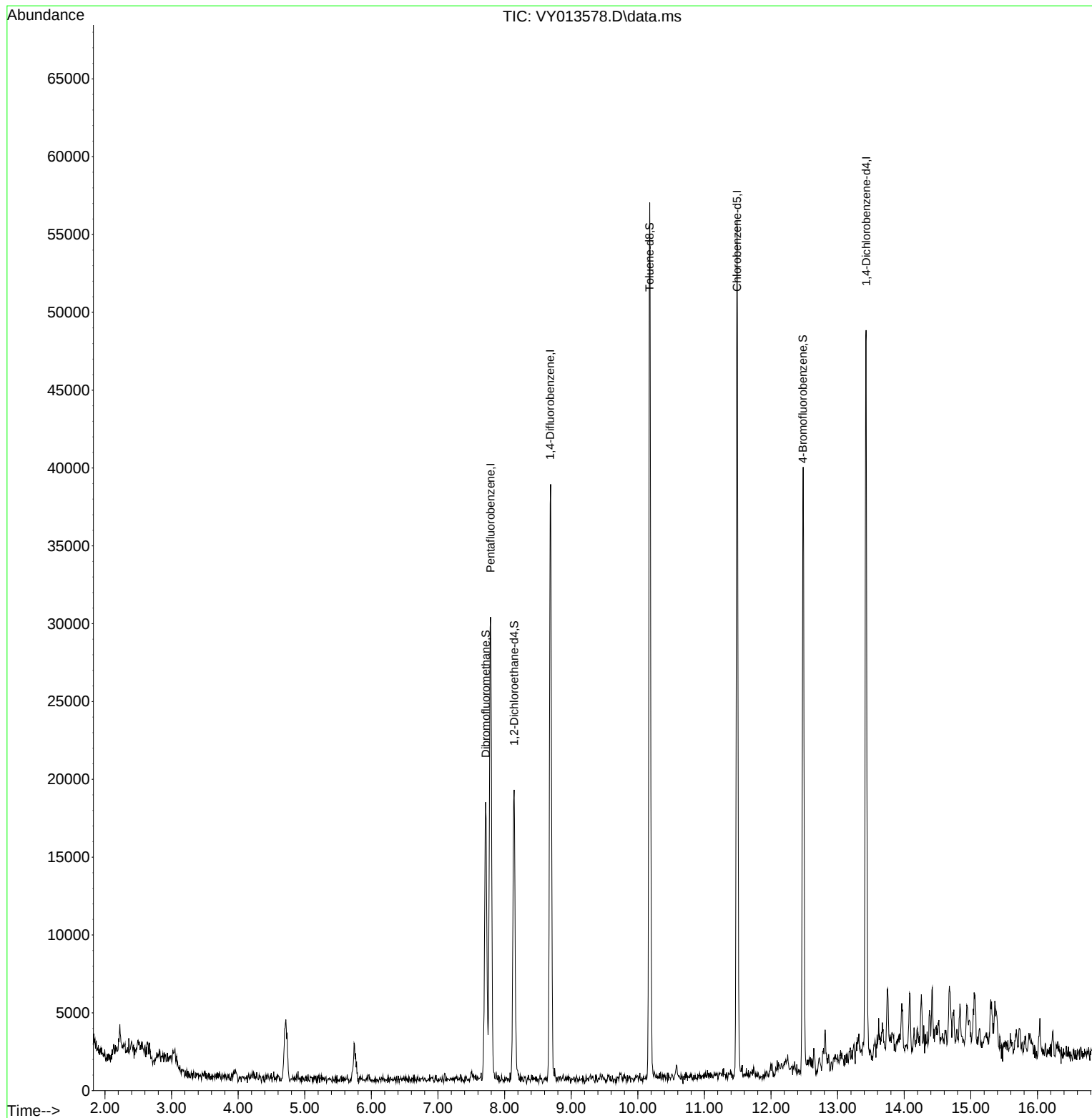
Target Compounds	Qvalue

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

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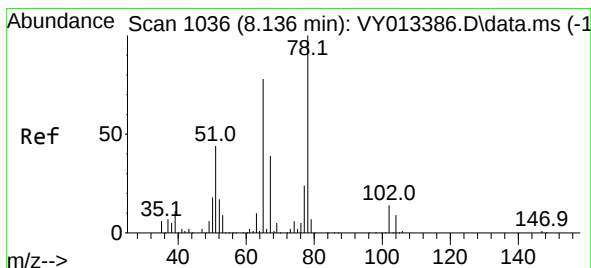
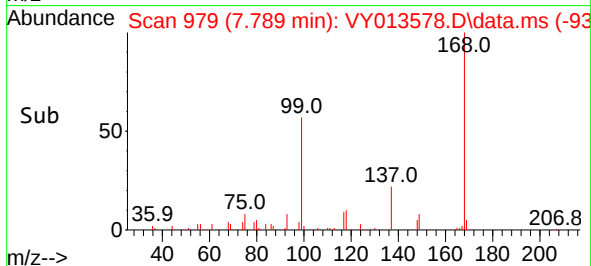
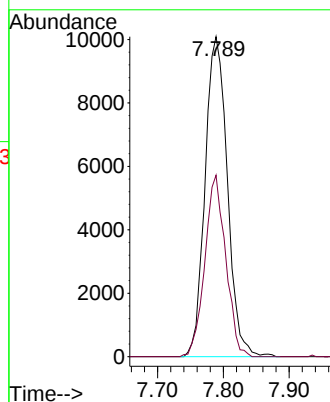
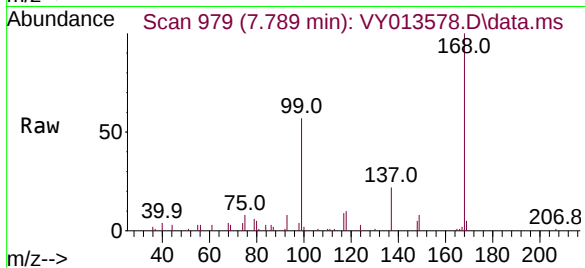




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

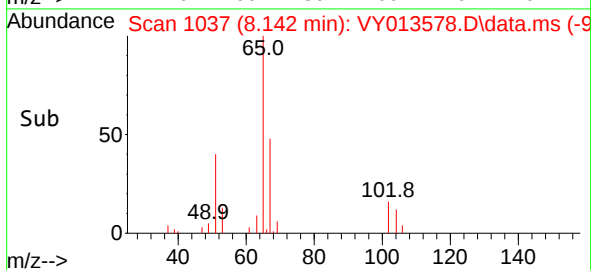
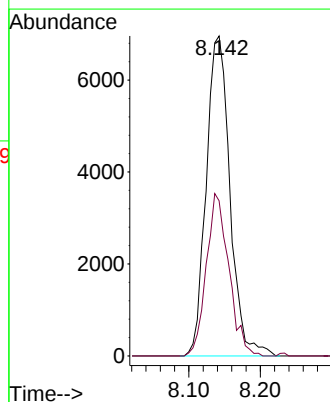
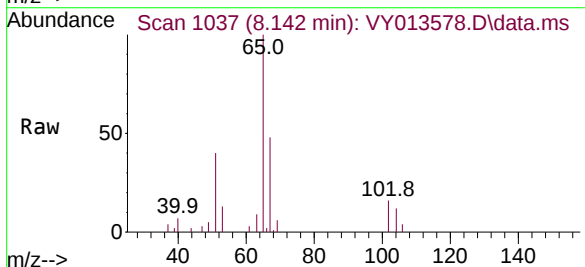
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

Tgt Ion:168 Resp: 23800
Ion Ratio Lower Upper
168 100
99 56.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.426 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 65 Resp: 16026
Ion Ratio Lower Upper
65 100
67 48.2 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: VY013578.D

Acq: 03 May 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-42823RE

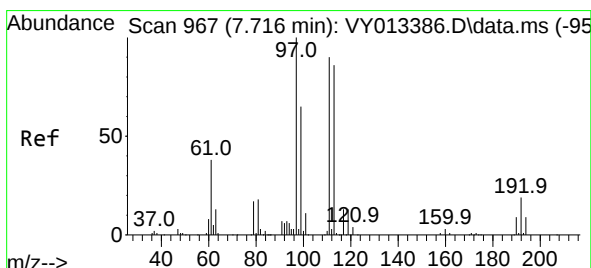
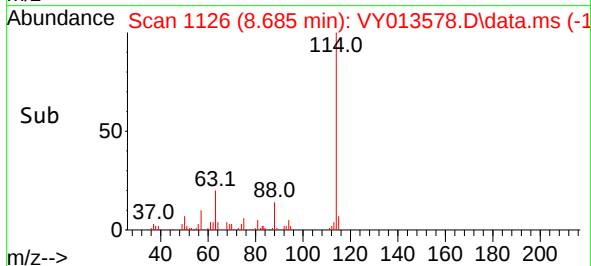
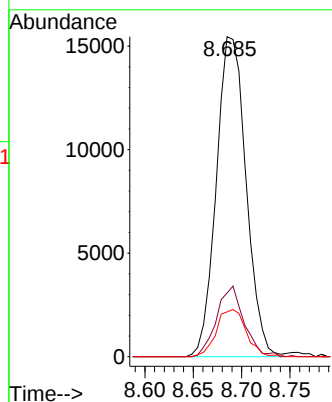
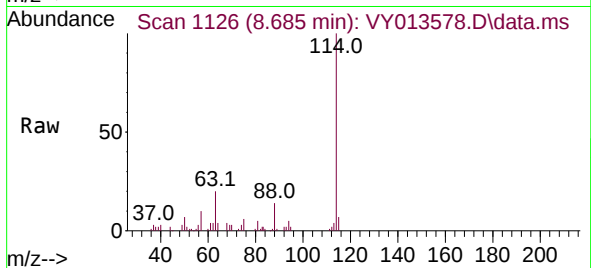
Tgt Ion:114 Resp: 33019

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 58.197 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013578.D

Acq: 03 May 2023 13:49

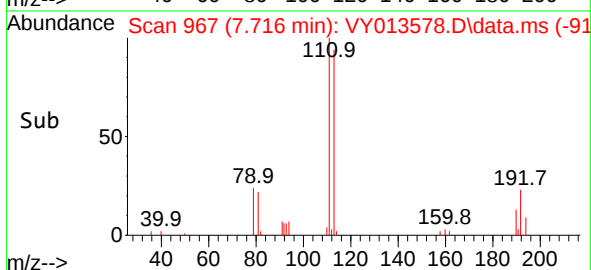
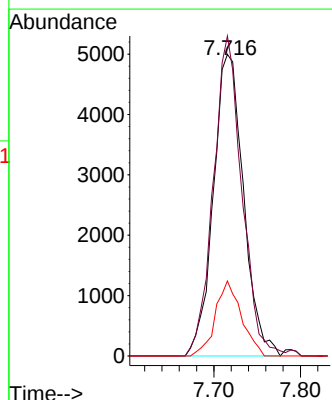
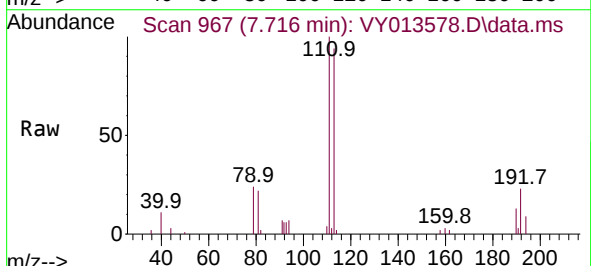
Tgt Ion:113 Resp: 12086

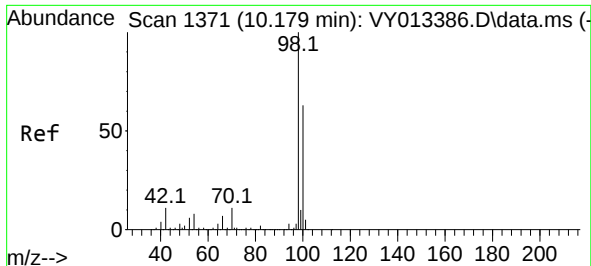
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 21.4 16.7 25.1

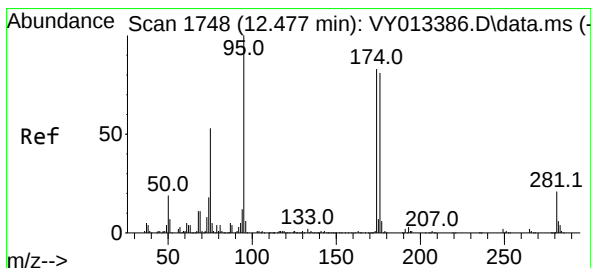
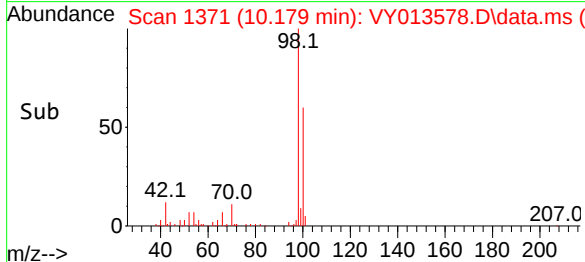
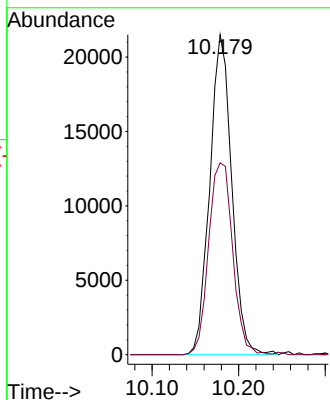
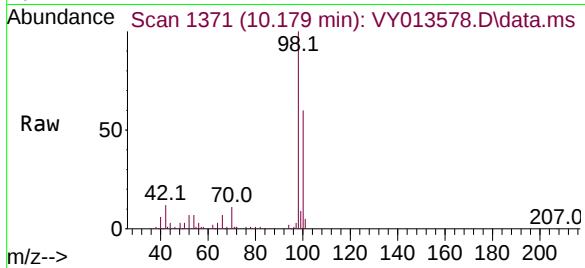




#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

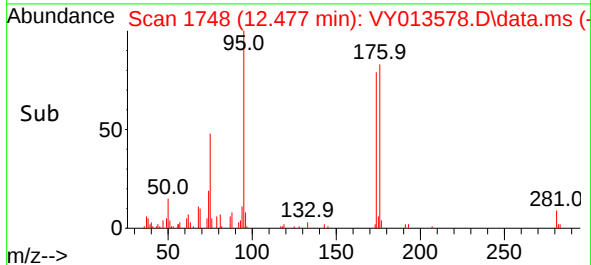
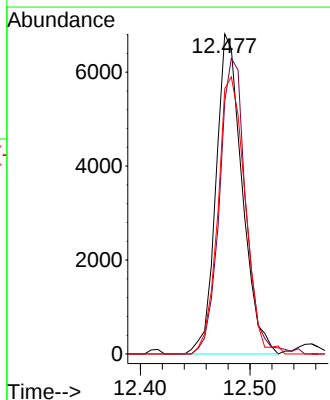
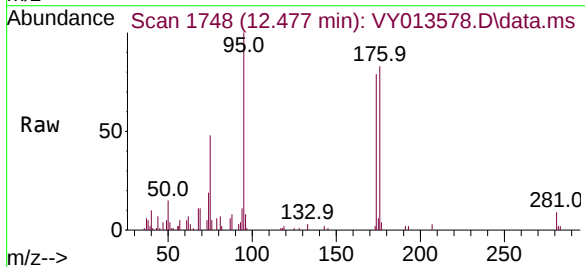
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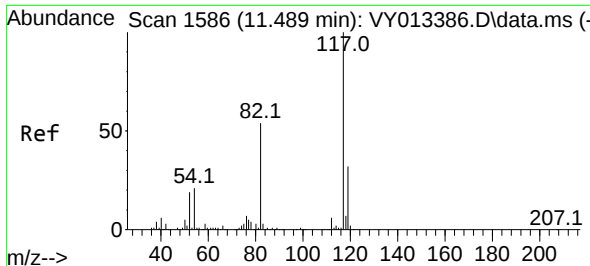
Tgt Ion: 98 Resp: 37931
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.366 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion: 95 Resp: 11299
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.0
176 90.3 0.0 175.4

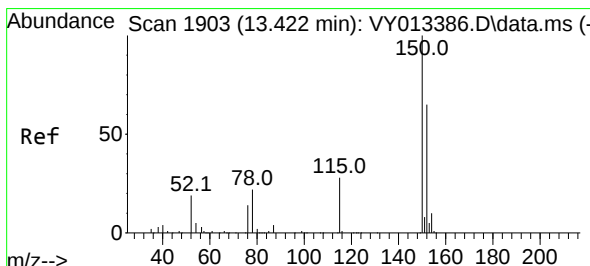
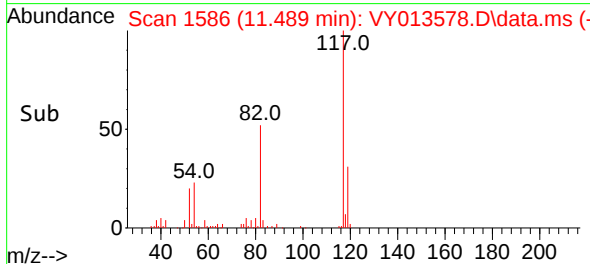
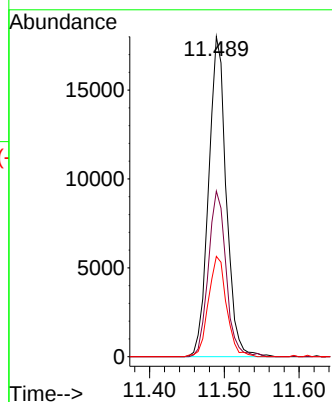
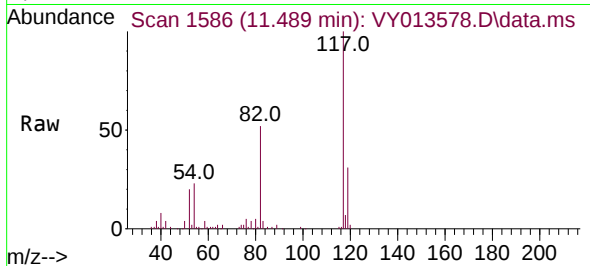




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013578.D
Acq: 03 May 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-42823RE

Tgt Ion:117	Resp:	29498
Ion Ratio	Lower	Upper
117	100	
82	51.8	43.0 64.6
119	31.4	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: VY013578.D
Acq: 03 May 2023 13:49

Tgt Ion:152	Resp:	12241
Ion Ratio	Lower	Upper
152	100	
115	59.5	28.1 84.2
150	161.7	0.0 352.0

