

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013014.D
 Acq On : 20 Mar 2023 17:37
 Operator : KP/MD
 Sample : 01998-07RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2RE

Quant Time: Mar 21 01:15:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2386	108.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	217.580%#
35) Dibromofluoromethane	7.716	113	1667	74.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.020%#
50) Toluene-d8	10.179	98	3854	47.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.477	95	1161	42.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.120%

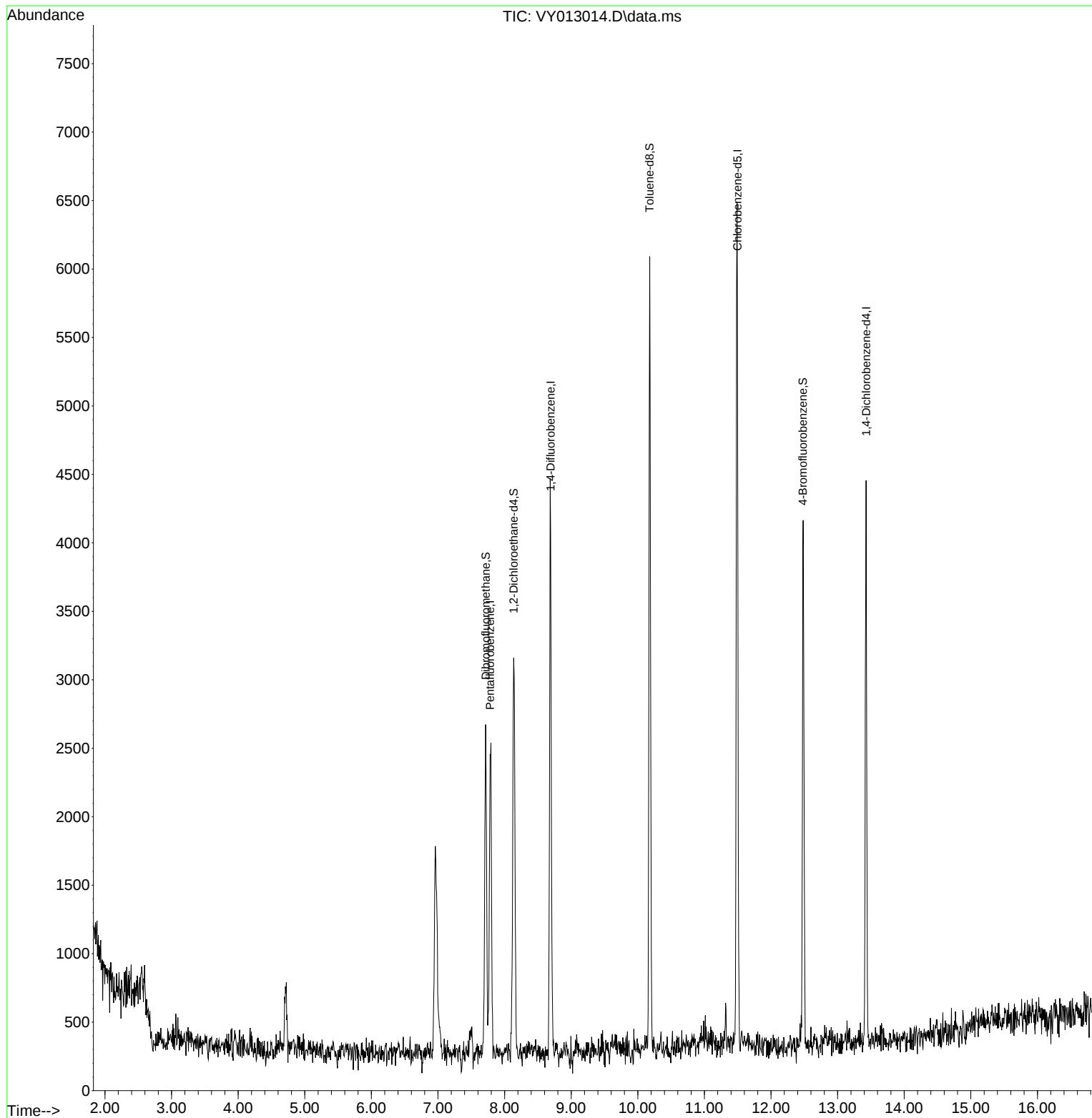
Target Compounds	Qvalue

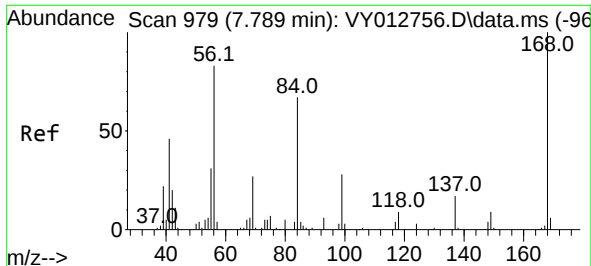
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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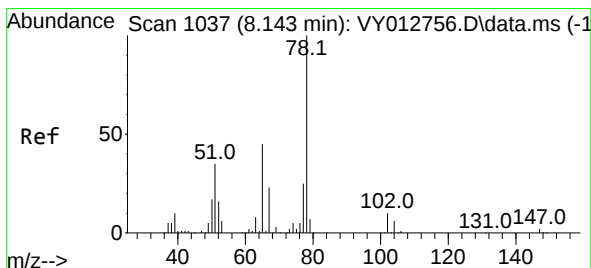
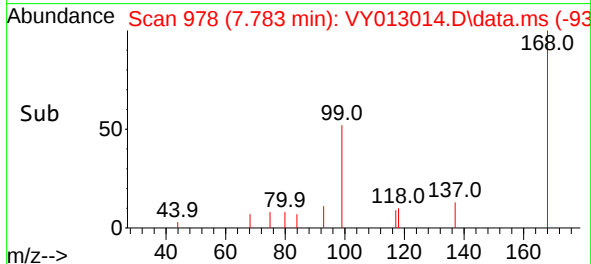
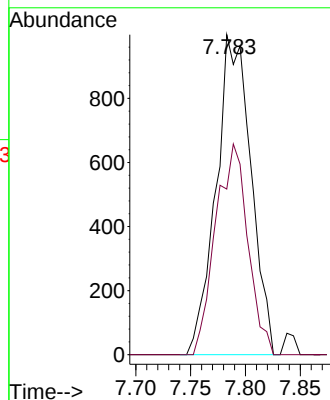
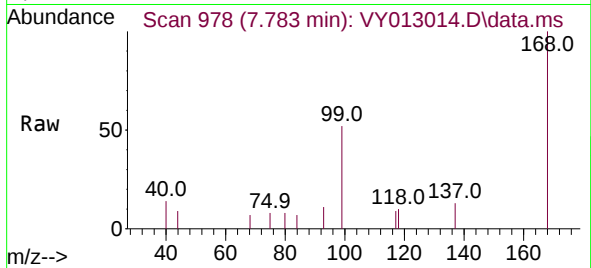




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

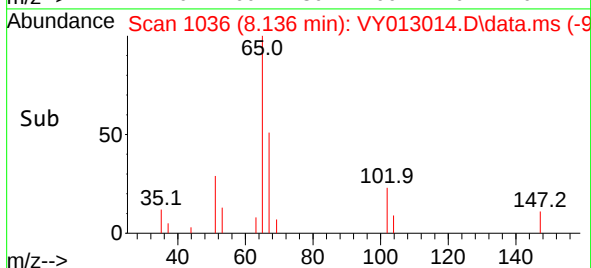
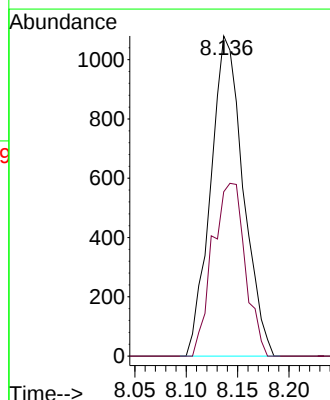
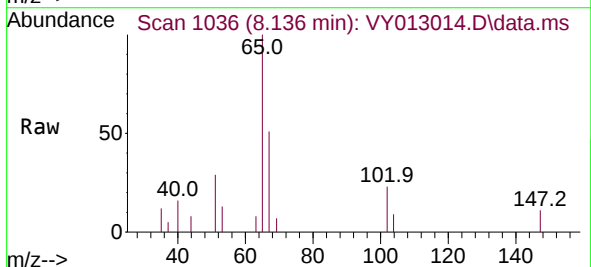
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

Tgt Ion:168 Resp: 2209
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 108.788 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion: 65 Resp: 2386
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0

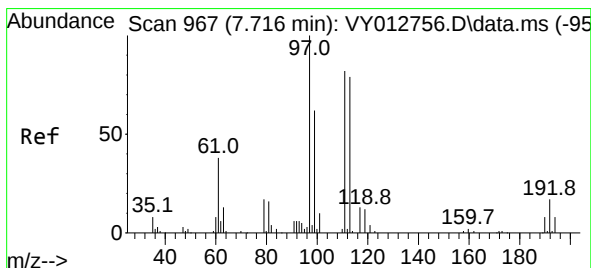
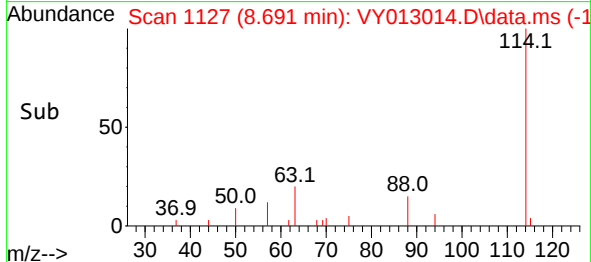
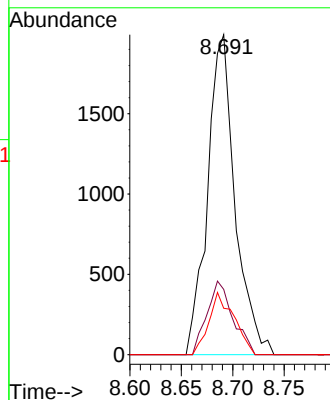
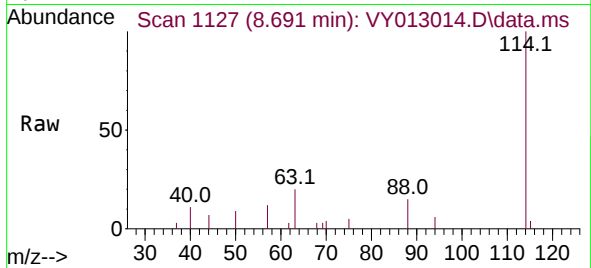




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

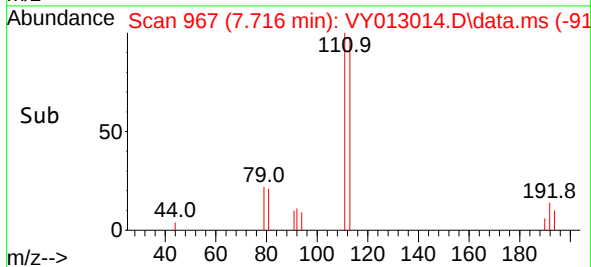
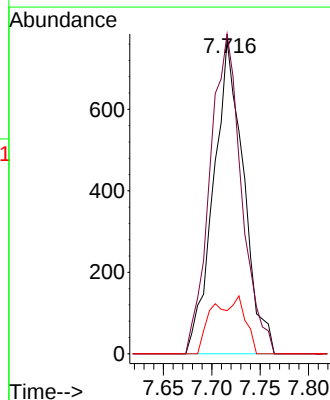
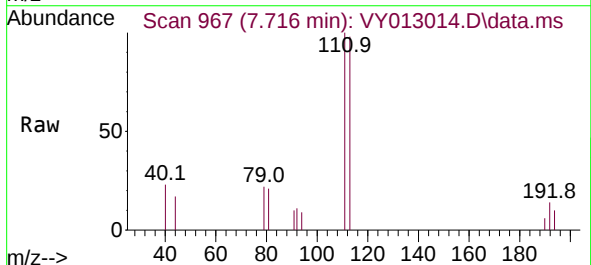
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

Tgt Ion:114	Resp:	3707
Ion	Ratio	Lower Upper
114	100	
63	20.4	0.0 37.4
88	14.5	0.0 28.6



#35
Dibromofluoromethane
Concen: 74.514 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion:113	Resp:	1667
Ion	Ratio	Lower Upper
113	100	
111	107.0	82.2 123.2
192	11.0	16.8 25.2#

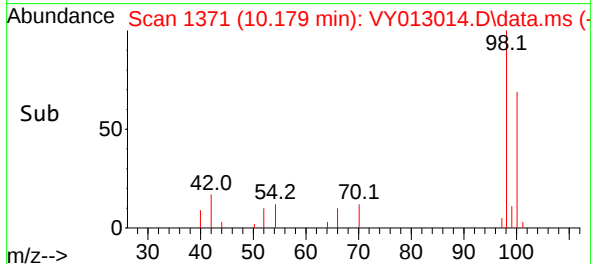
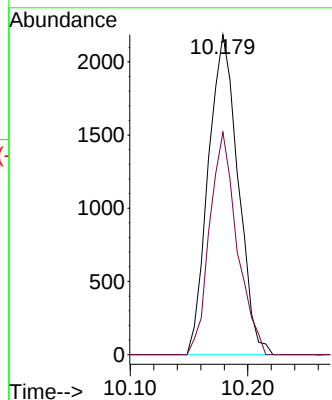
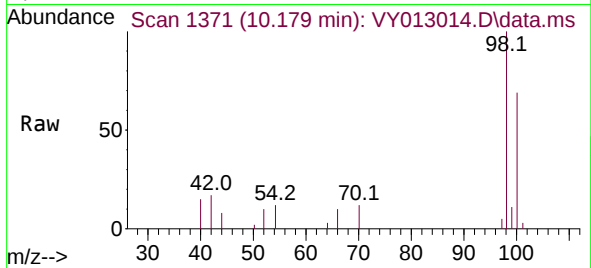




#50
Toluene-d8
Concen: 47.123 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

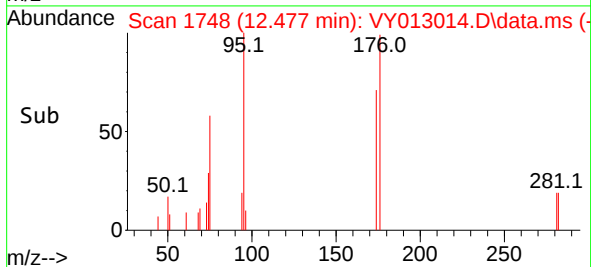
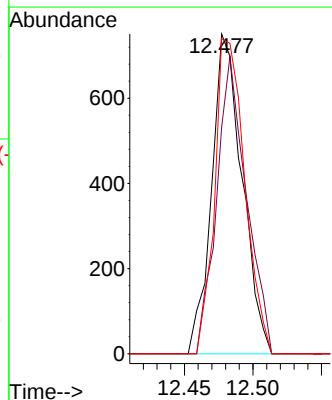
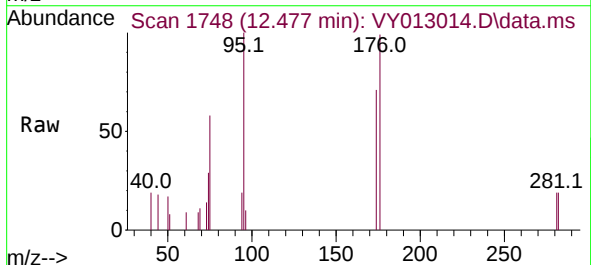
Instrument :
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ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

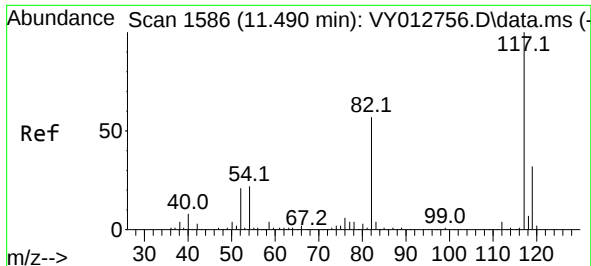
Tgt Ion: 98 Resp: 3854
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.058 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion: 95 Resp: 1161
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 97.2 0.0 170.2

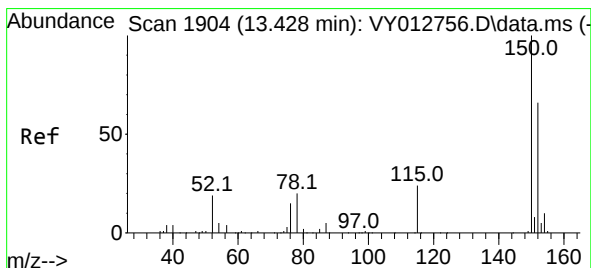
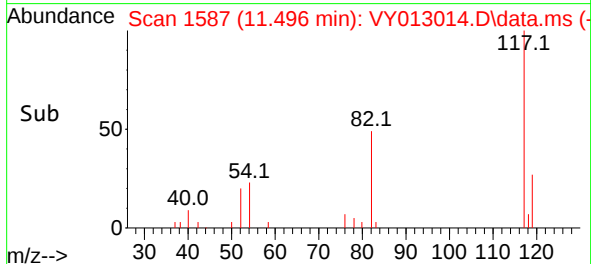
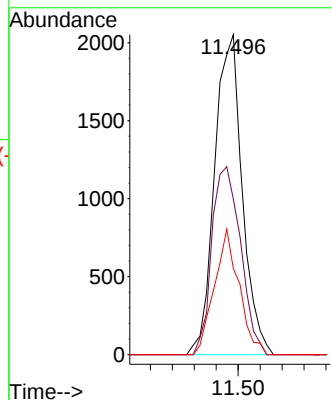
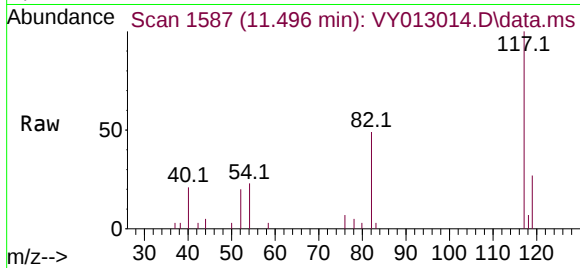




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

Tgt Ion:117 Resp: 3589
Ion Ratio Lower Upper
117 100
82 48.6 45.4 68.0
119 26.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion:152 Resp: 1277
Ion Ratio Lower Upper
152 100
115 52.9 27.1 81.3
150 144.6 0.0 347.8

