

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013615.D
 Acq On : 05 May 2023 11:14
 Operator : KP/MD
 Sample : VY0505SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBL01

Quant Time: May 08 00:23:08 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	225916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142647	57.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.722	113	123792	54.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.179	98	397052	49.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.483	95	132800	49.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.180%

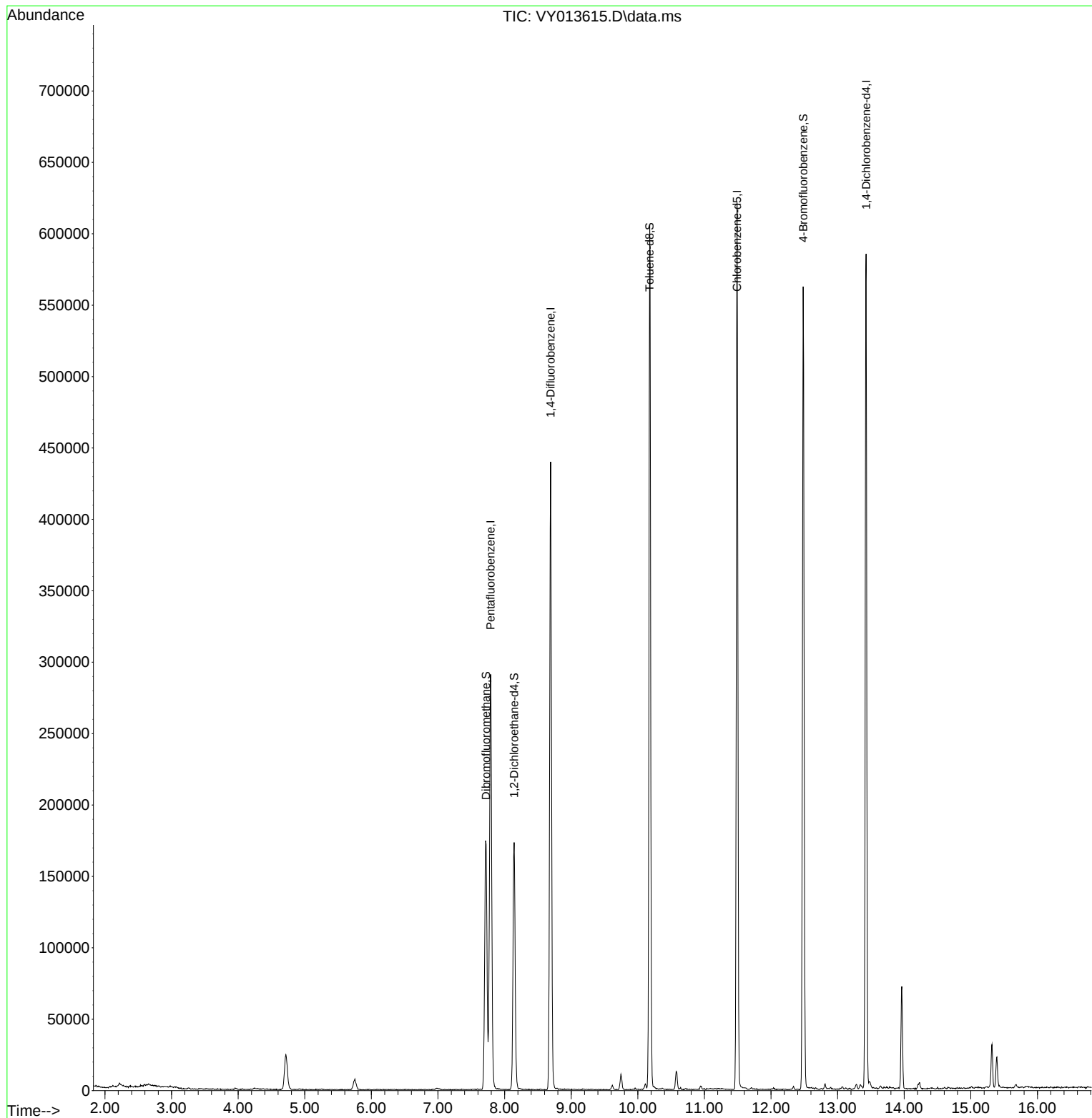
Target Compounds	Qvalue

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

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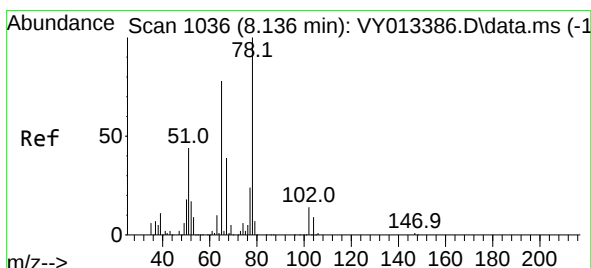
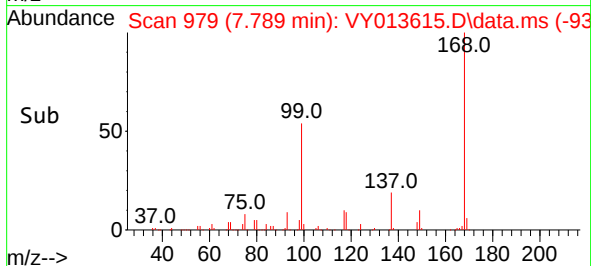
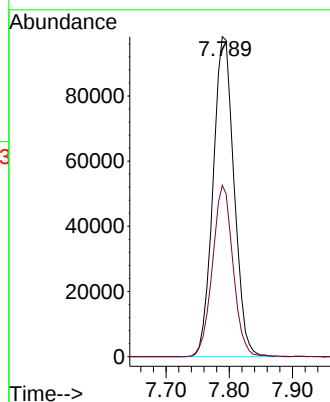
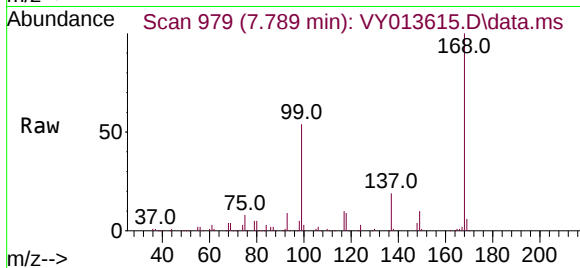




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

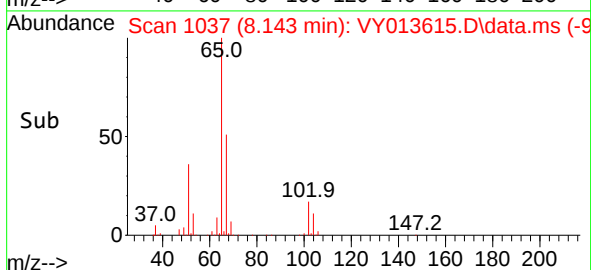
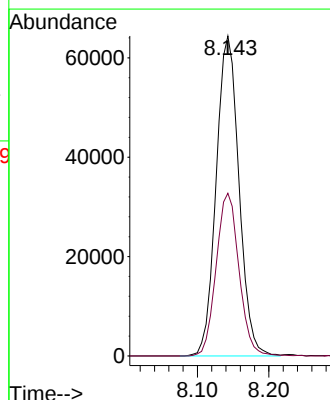
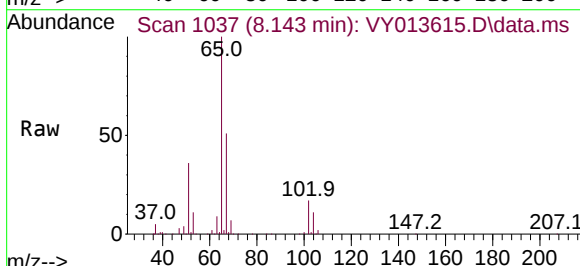
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

Tgt Ion:168 Resp: 225916
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 57.599 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 65 Resp: 142647
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

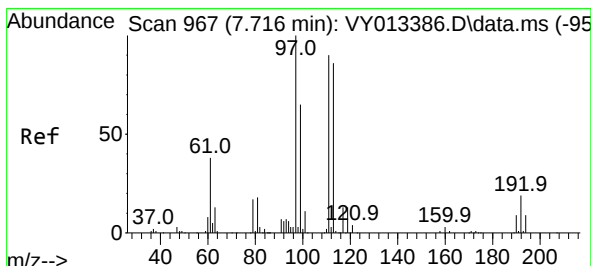
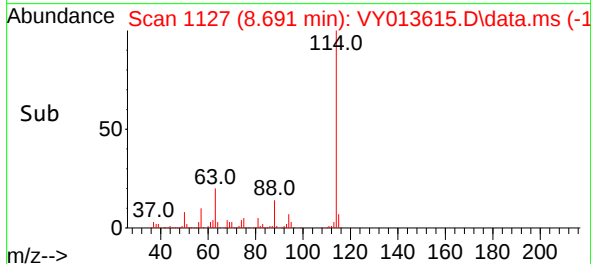
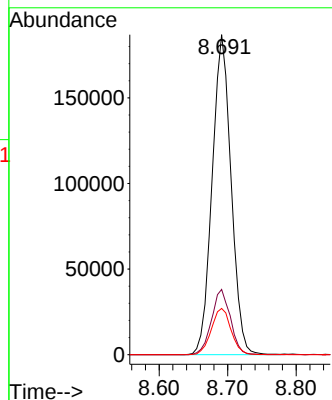
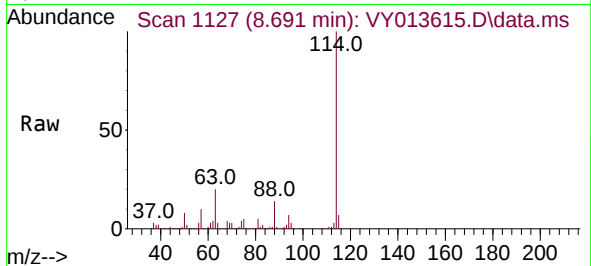




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

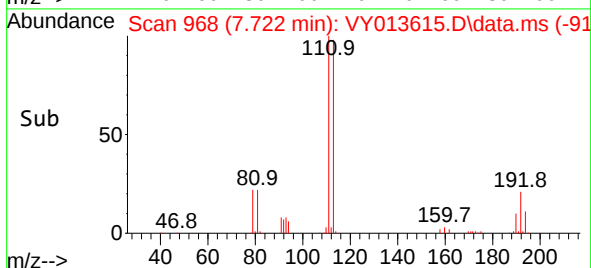
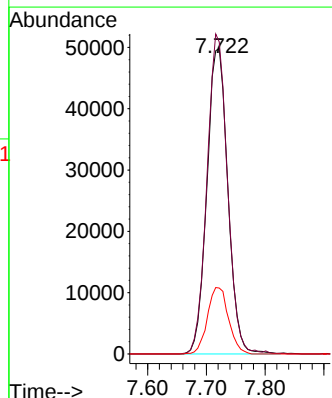
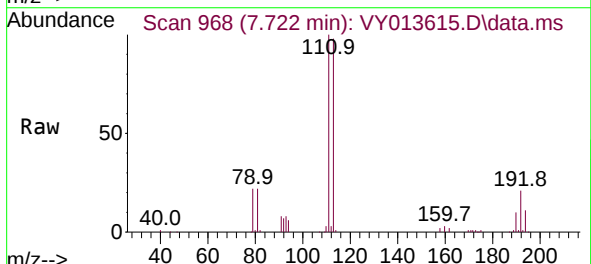
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

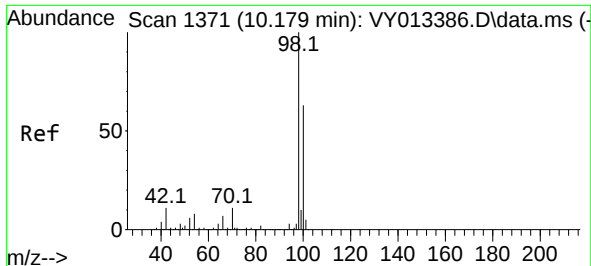
Tgt Ion:114 Resp: 358646
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.6
88 14.4 0.0 28.8



#35
Dibromofluoromethane
Concen: 54.879 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion:113 Resp: 123792
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.8 16.7 25.1

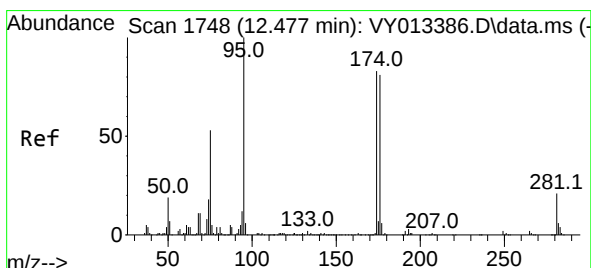
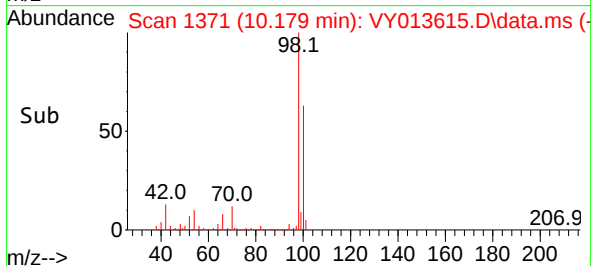
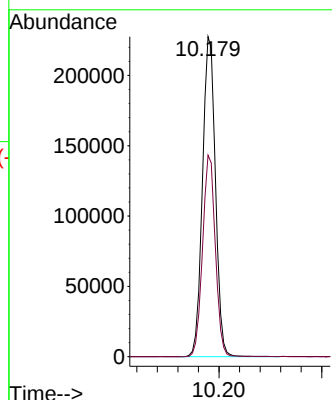
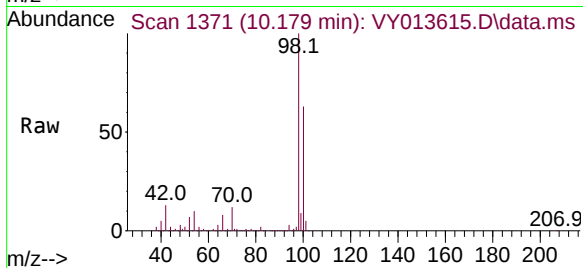




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

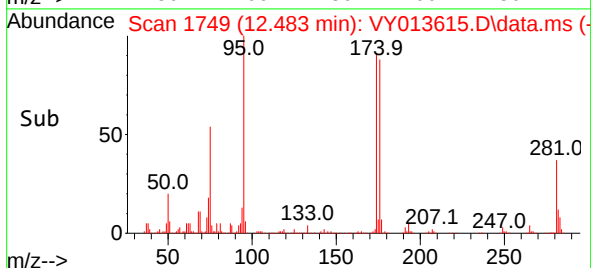
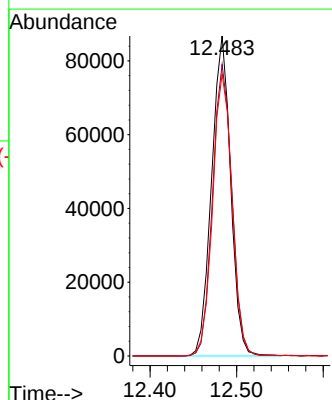
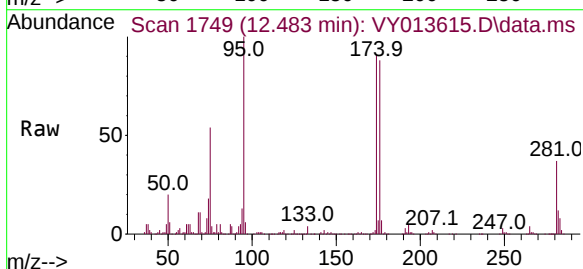
Instrument :
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ClientSampleId :
VY0505SBL01

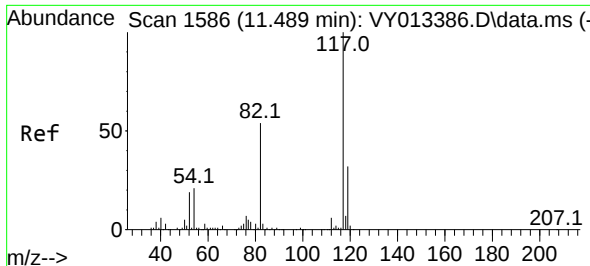
Tgt Ion: 98 Resp: 397052
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 95 Resp: 132800
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.0
176 90.1 0.0 175.4

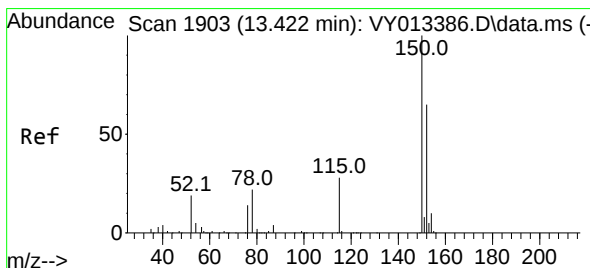
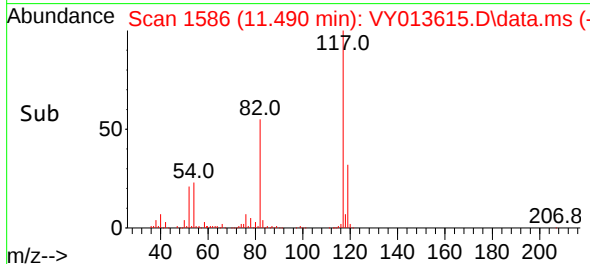
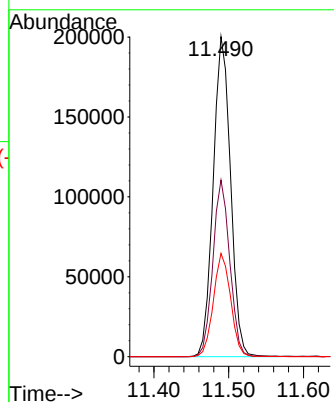
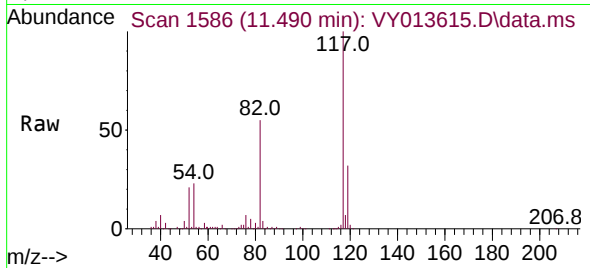




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

Tgt Ion:117 Resp: 324072
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.6
119 32.2 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: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion:152 Resp: 153148
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 156.2 0.0 352.0

