

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013086.D
 Acq On : 27 Mar 2023 13:00
 Operator : KP/MD
 Sample : VY0327SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 27 16:17:45 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	7.789	168	84705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55914	66.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.960%
35) Dibromofluoromethane	7.716	113	50095	56.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.900%
50) Toluene-d8	10.179	98	175292	54.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.483	95	53270	49.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.160%

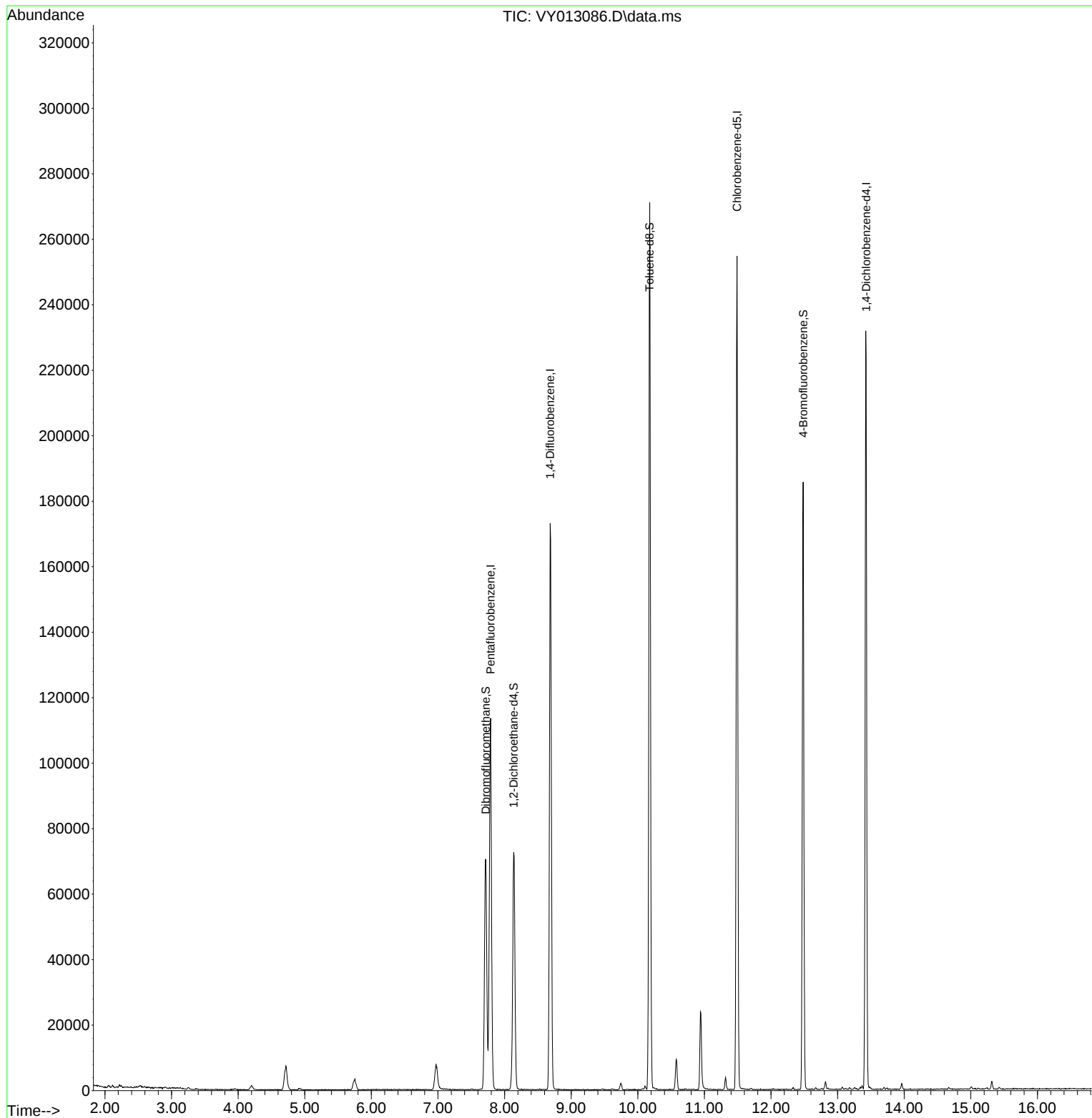
Target Compounds	Qvalue

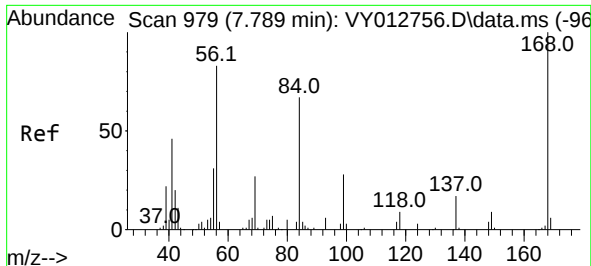
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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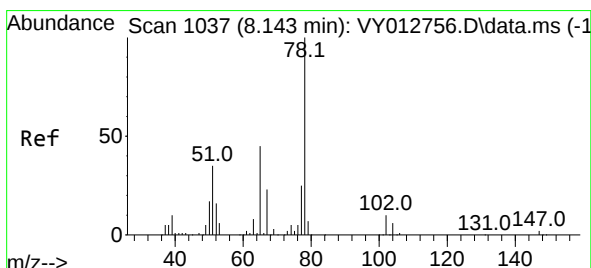
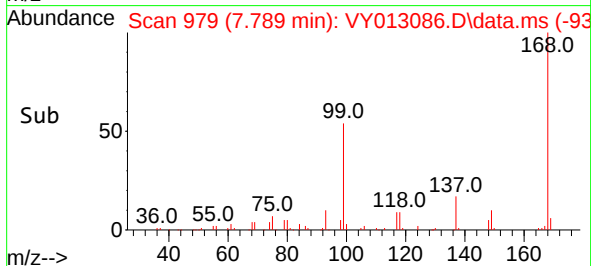
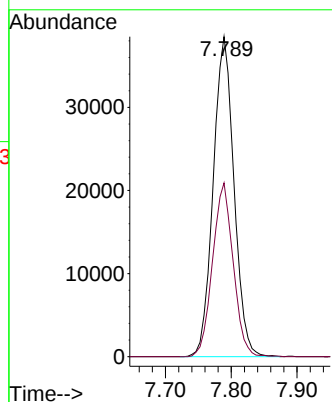
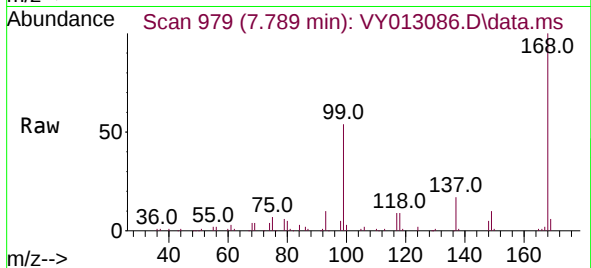




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

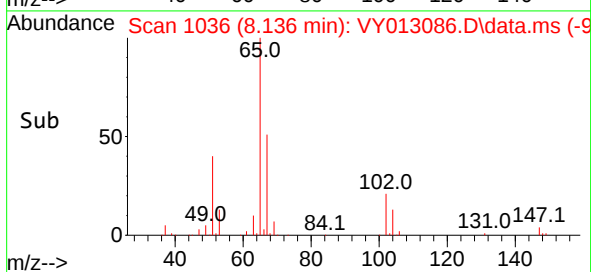
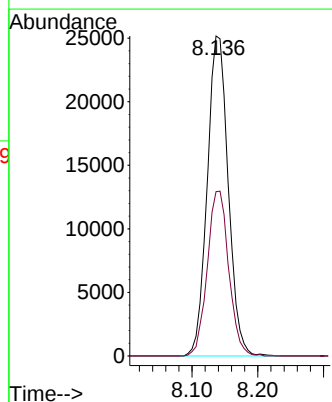
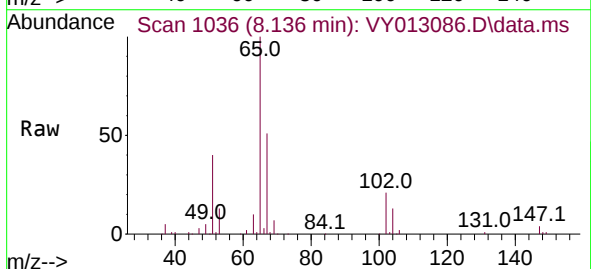
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

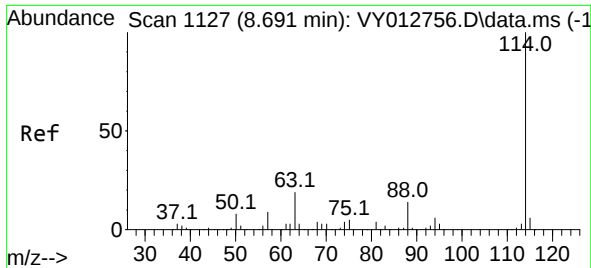
Tgt Ion:168 Resp: 84705
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.484 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 65 Resp: 55914
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

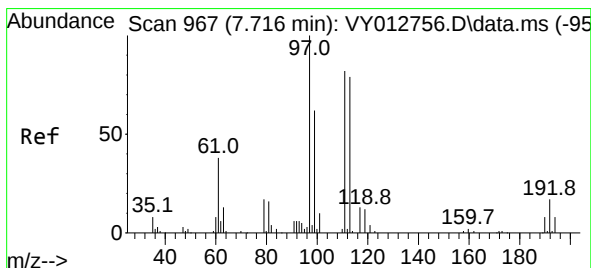
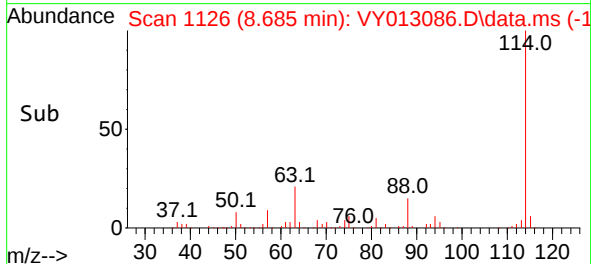
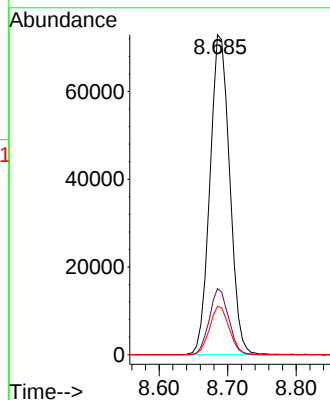
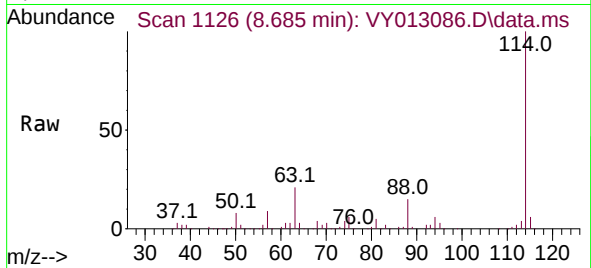




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

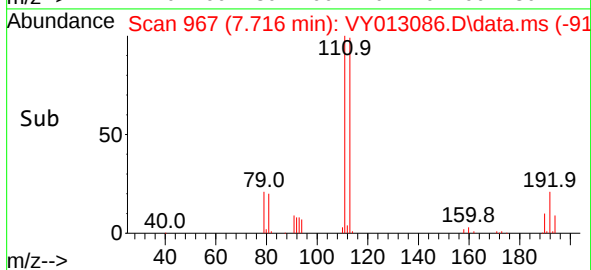
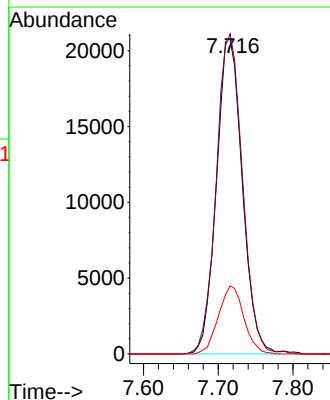
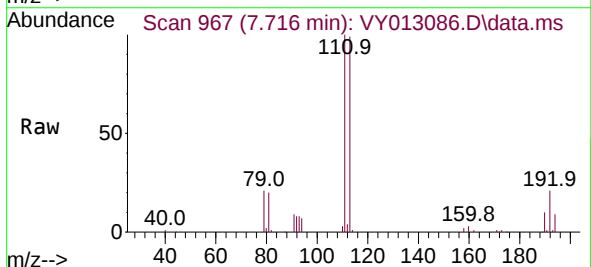
Instrument :
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ClientSampleId :
VY0327SBL01

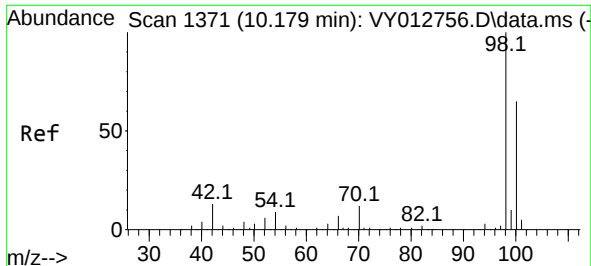
Tgt Ion:114 Resp: 145749
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.952 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion:113 Resp: 50095
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.1 16.8 25.2

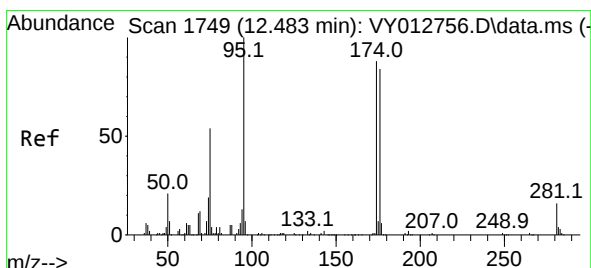
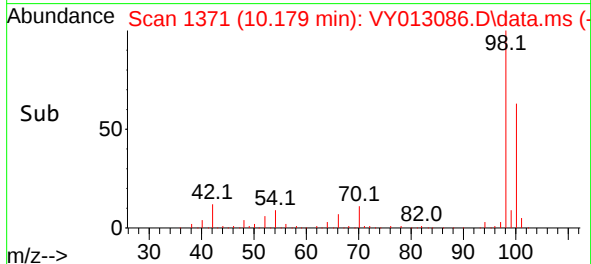
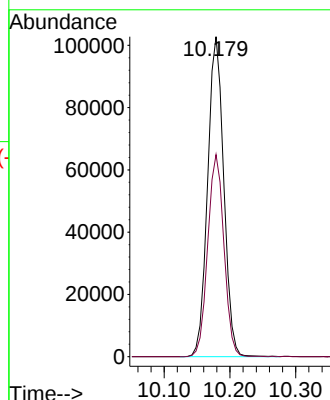
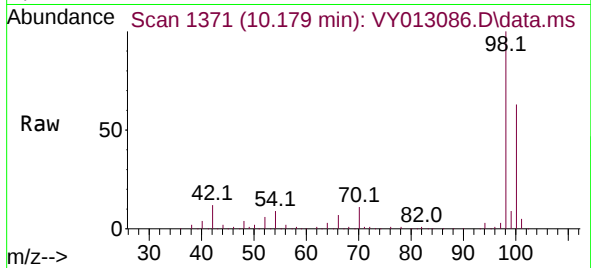




#50
Toluene-d8
Concen: 54.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

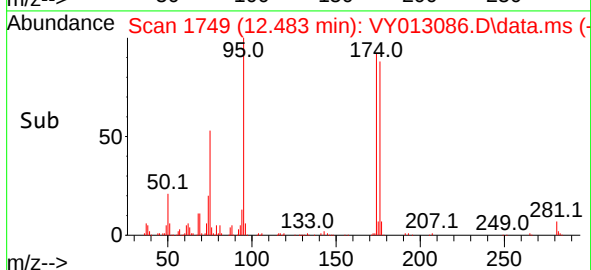
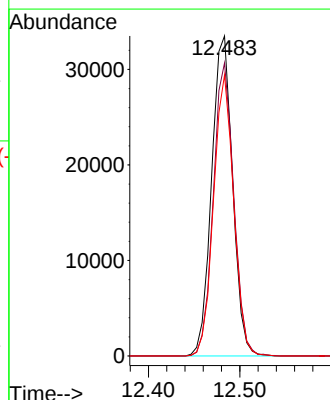
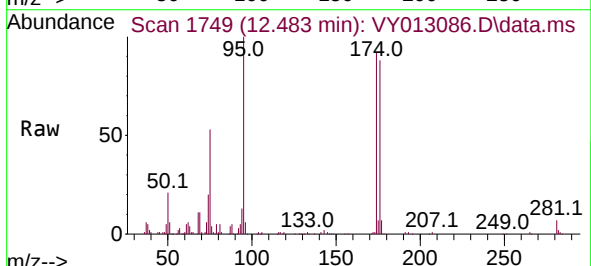
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

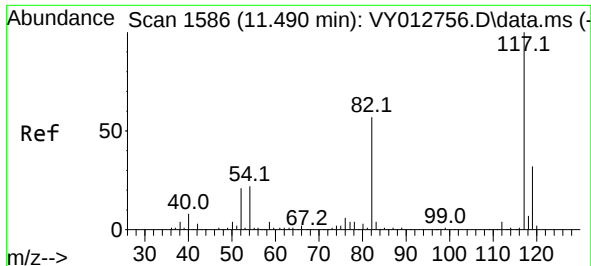
Tgt Ion: 98 Resp: 175292
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 95 Resp: 53270
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 84.6 0.0 170.2

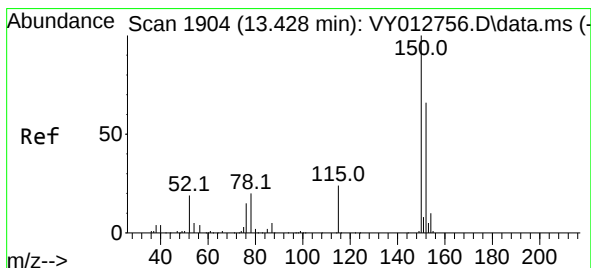
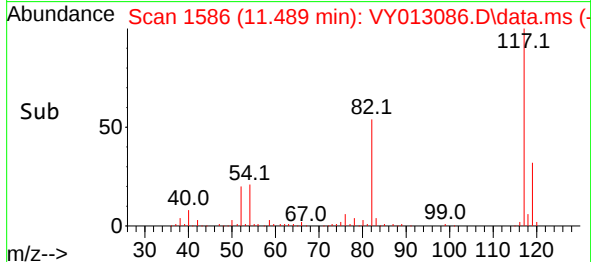
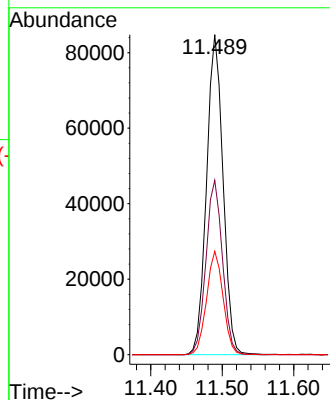
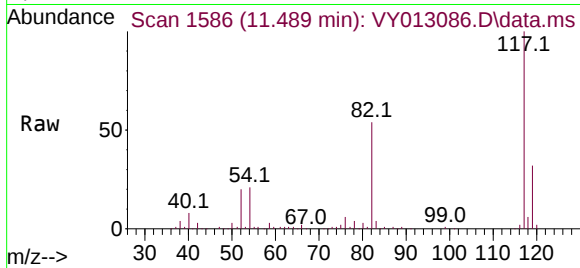




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Tgt Ion:117 Resp: 135644
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.3 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: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion:152 Resp: 60181
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 155.3 0.0 347.8

