

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015046.D
 Acq On : 11 Aug 2023 09:55
 Operator : SY/MD
 Sample : VY0811SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBL01

Quant Time: Aug 11 14:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133114	51.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.716	113	114521	49.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	427528	48.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.477	95	160257	51.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.000%

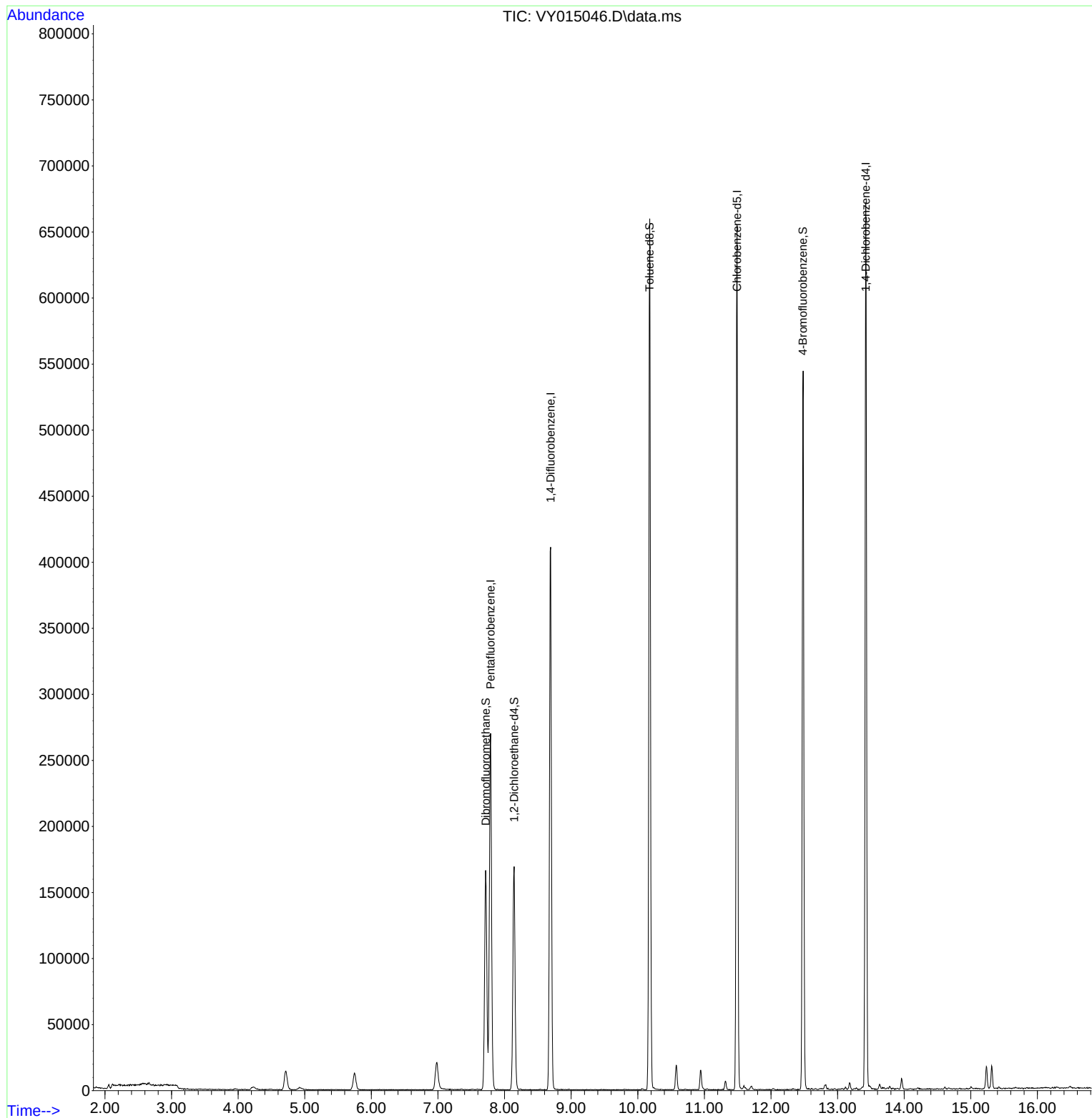
Target Compounds	Qvalue

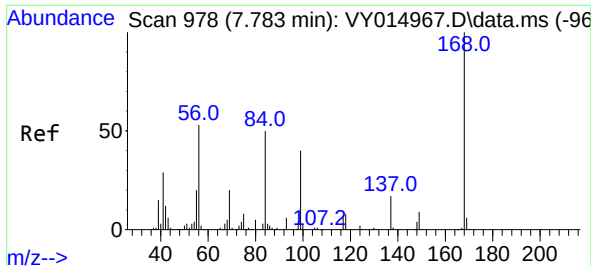
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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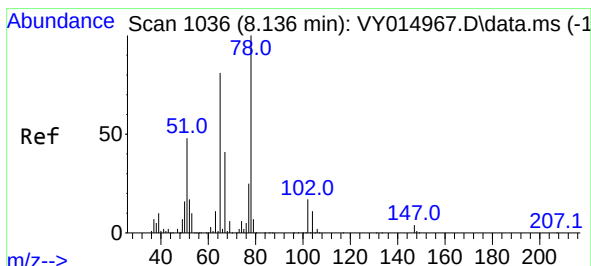
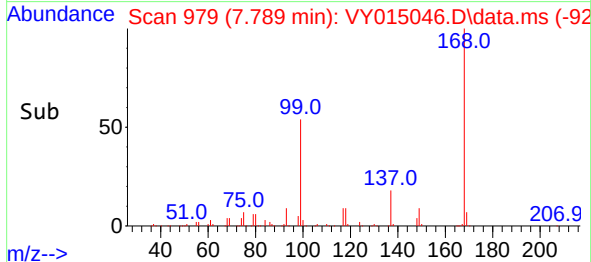
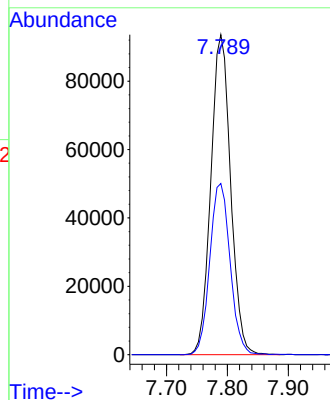
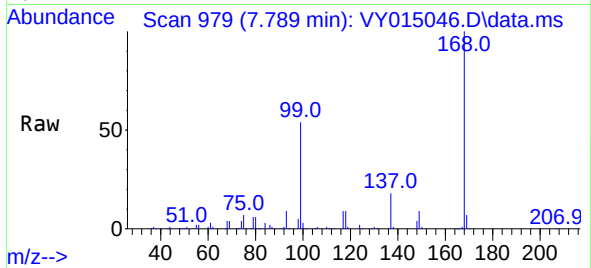




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

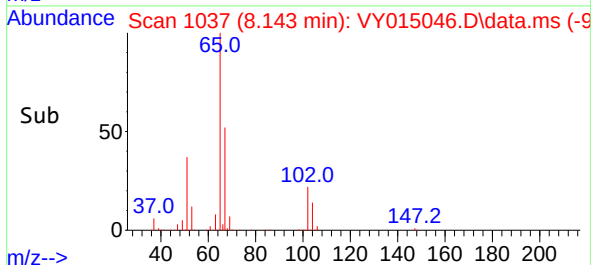
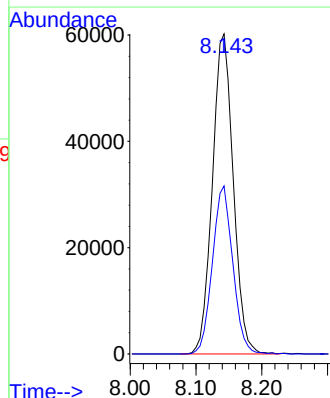
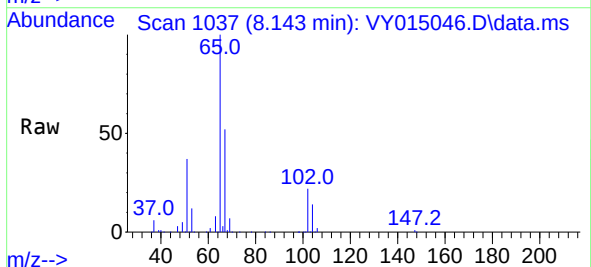
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

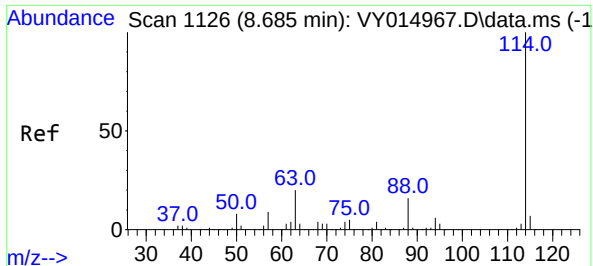
Tgt Ion:168 Resp: 211258
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.987 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 65 Resp: 133114
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

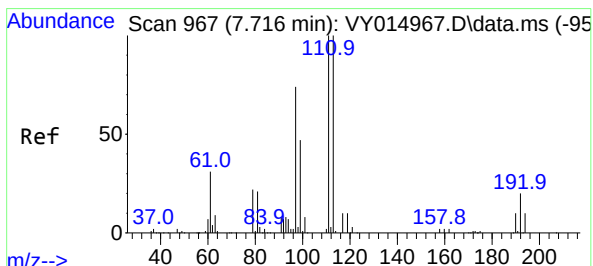
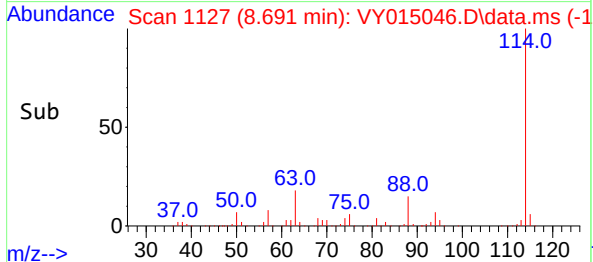
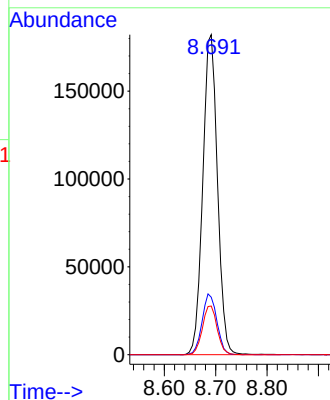
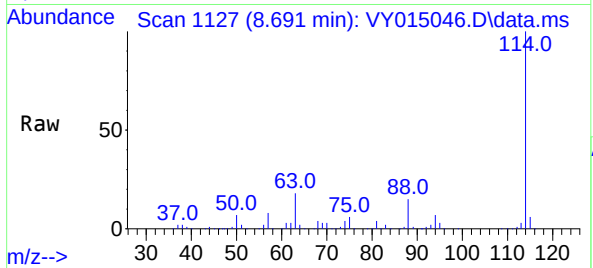




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

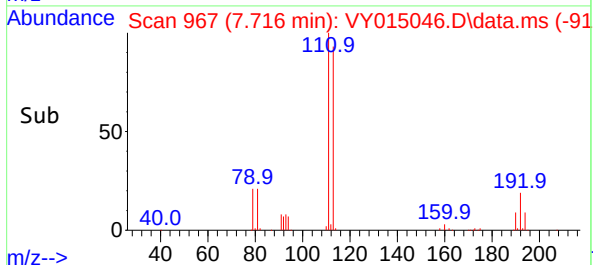
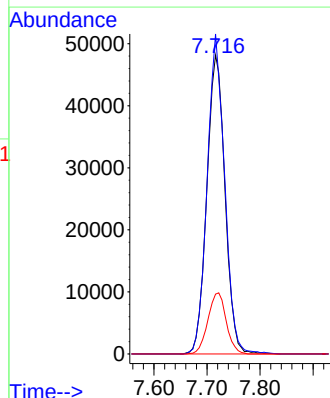
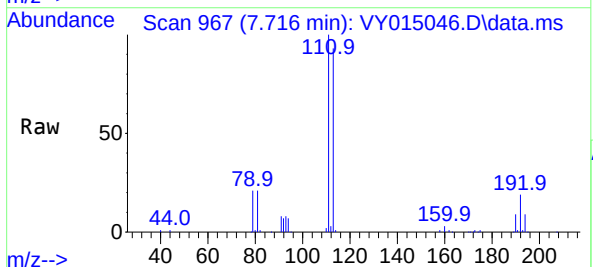
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

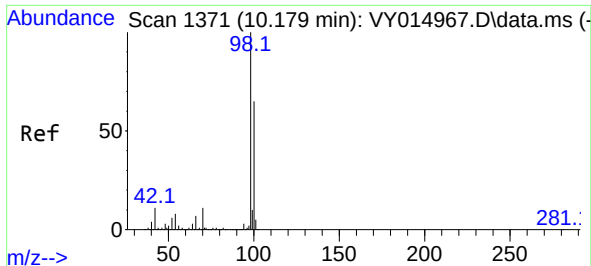
Tgt Ion:114 Resp: 360756
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion:113 Resp: 114521
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.6 16.9 25.3

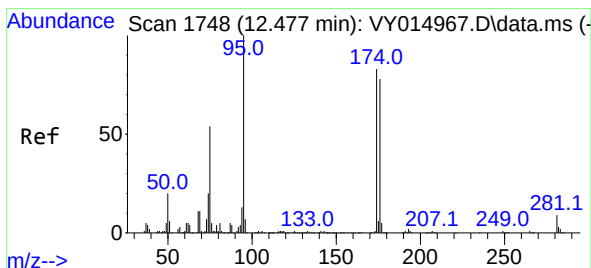
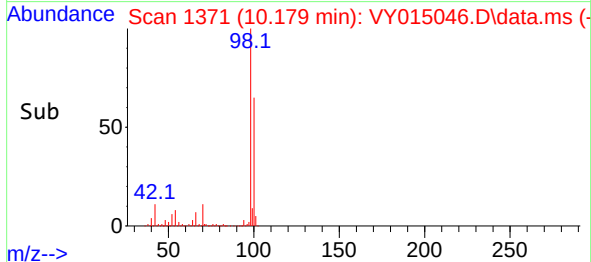
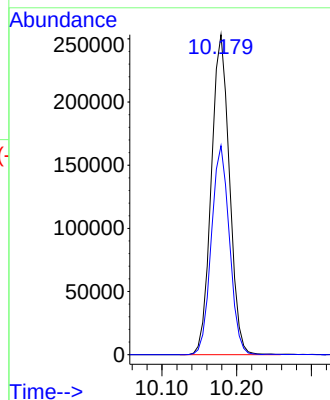
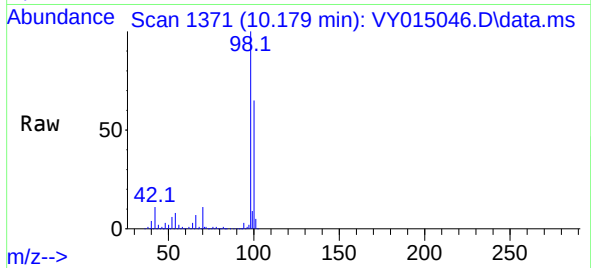




#50
Toluene-d8
Concen: 48.689 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

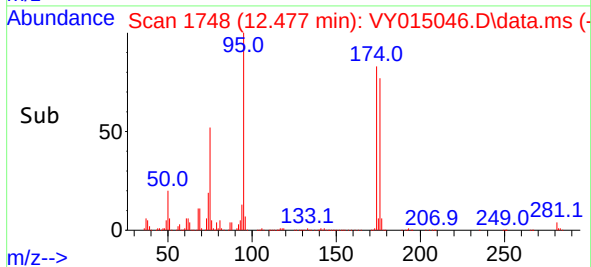
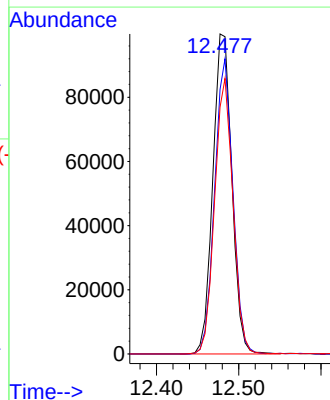
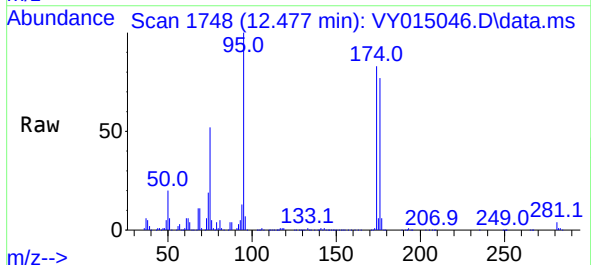
Instrument :
MSVOA_Y
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VY0811SBL01

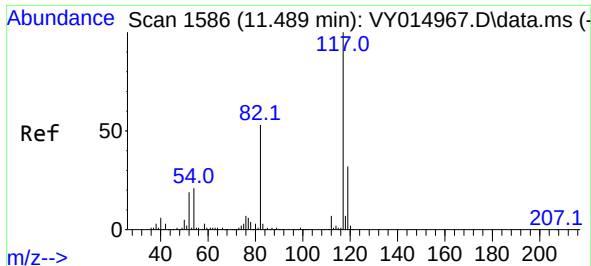
Tgt Ion: 98 Resp: 427528
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 95 Resp: 160257
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 83.3 0.0 173.8

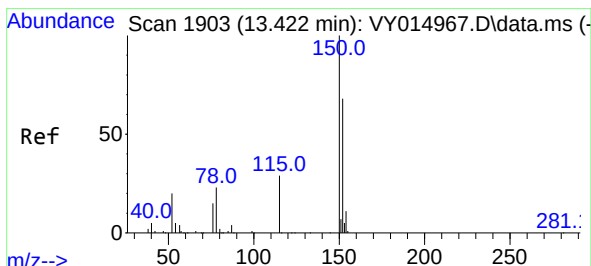
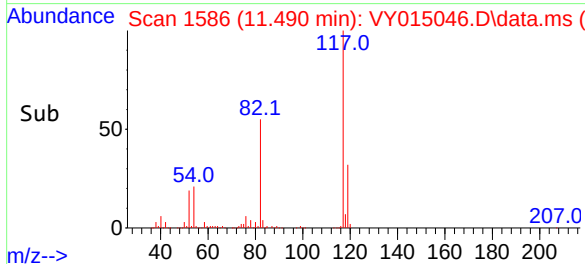
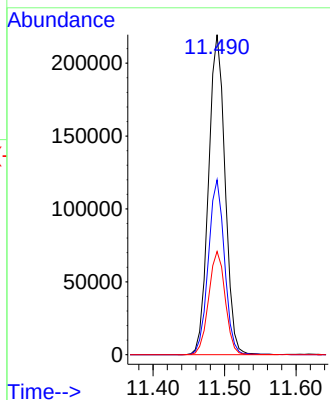
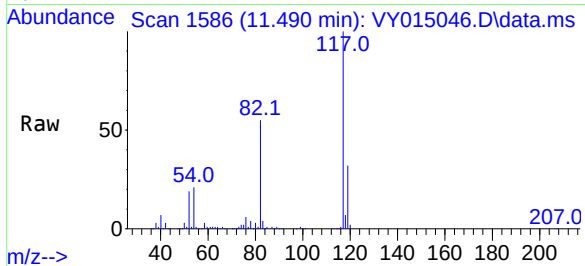




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

Tgt Ion:117 Resp: 352406
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion:152 Resp: 175036
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 154.5 0.0 348.8

