

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008442.D
 Acq On : 21 Apr 2022 15:36
 Operator : KP/MD
 Sample : VY0421SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBL01

Quant Time: Apr 22 05:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	108904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58085	45.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.716	113	63077	49.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.179	98	237122	46.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.483	95	79174	46.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.460%

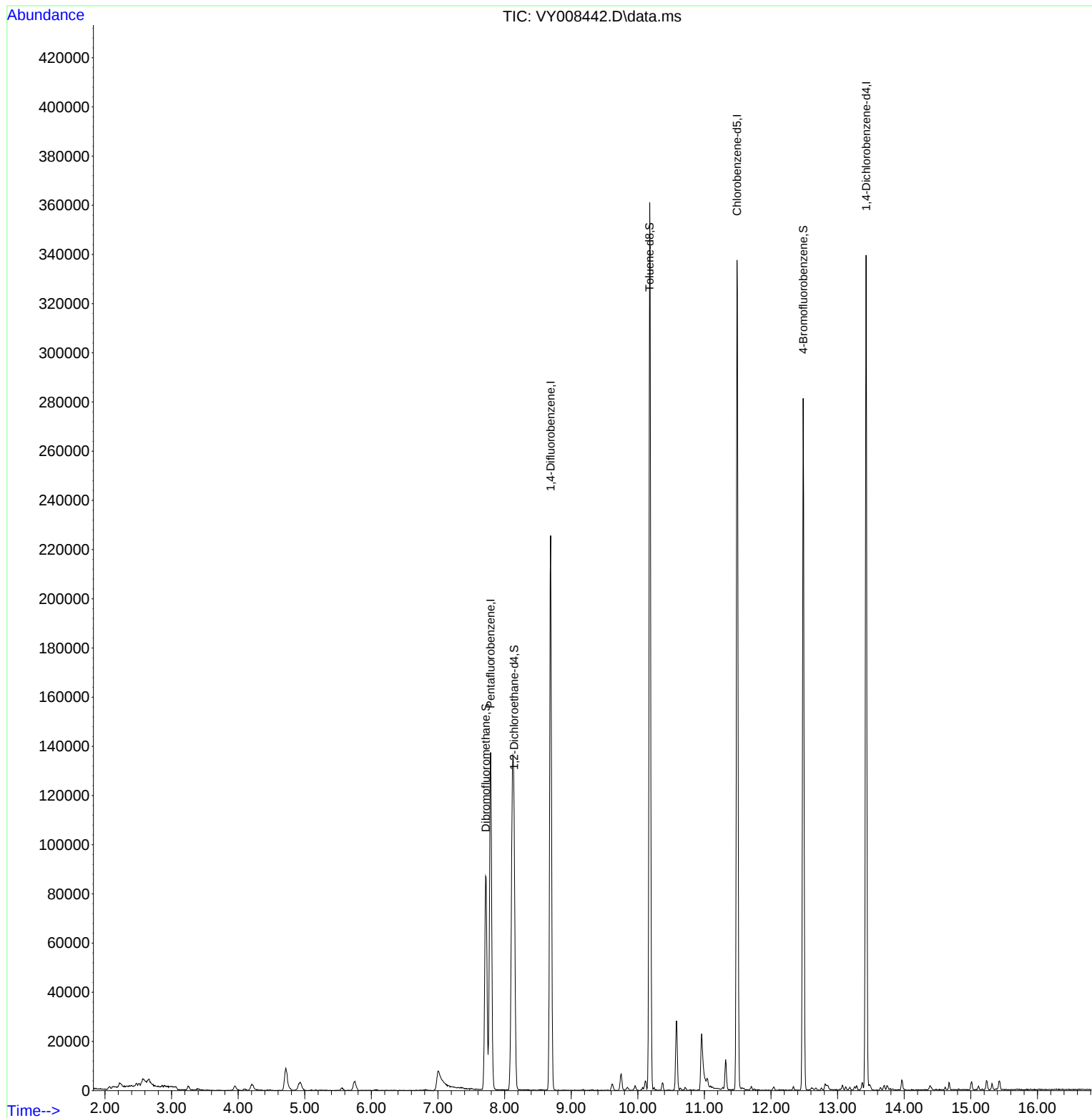
Target Compounds	Qvalue

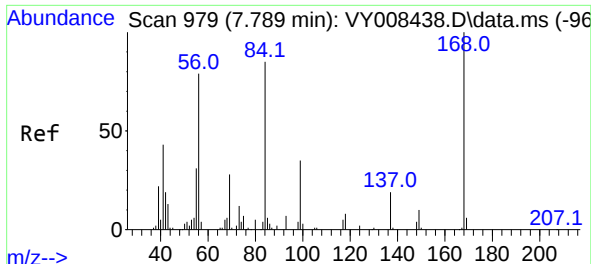
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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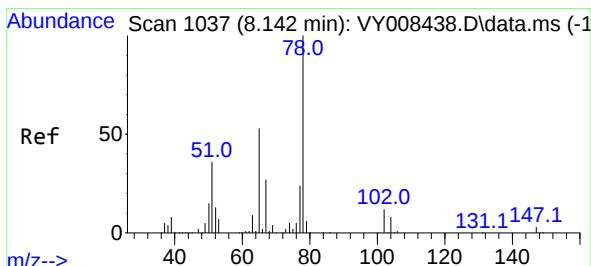
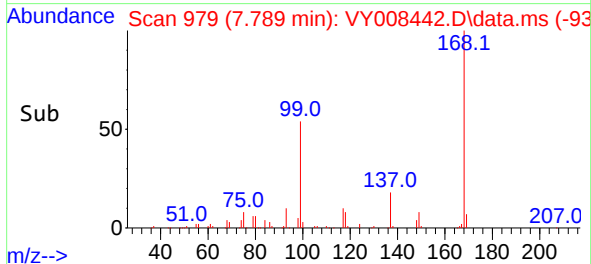
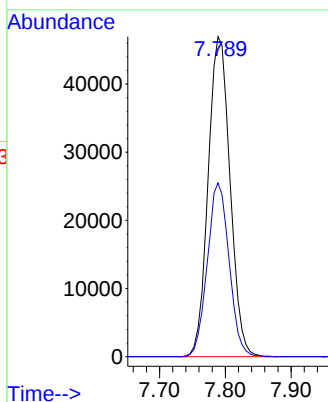
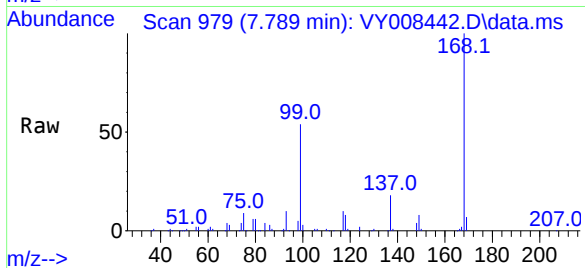




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

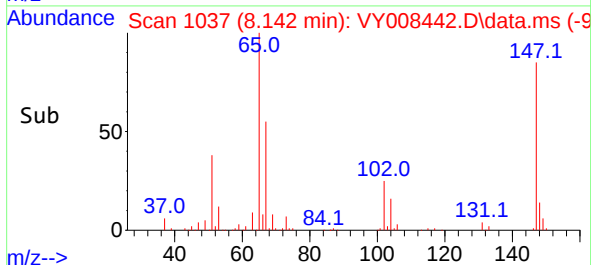
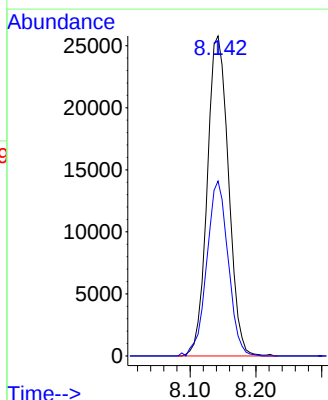
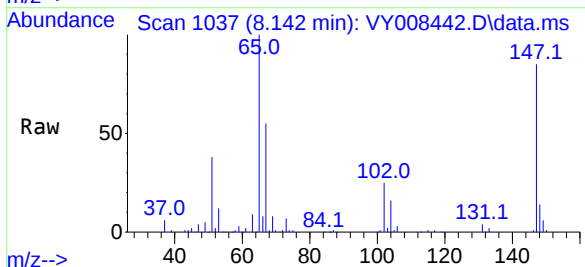
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

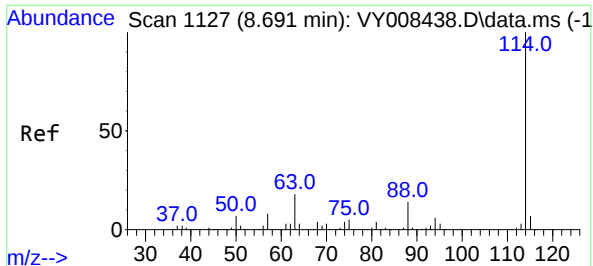
Tgt Ion:168 Resp: 108904
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.330 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

Tgt Ion: 65 Resp: 58085
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4

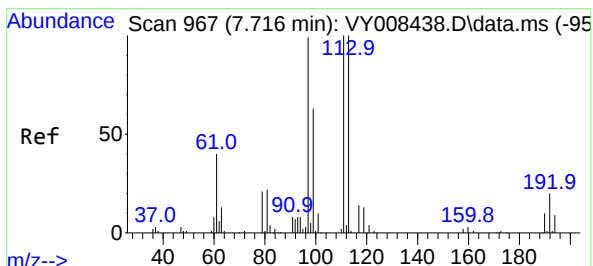
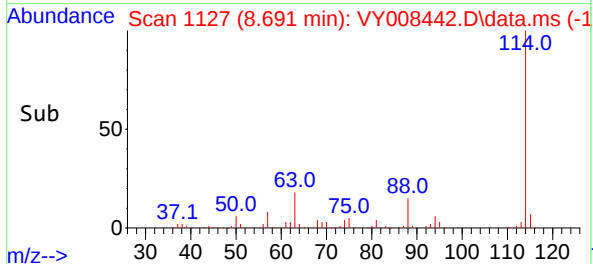
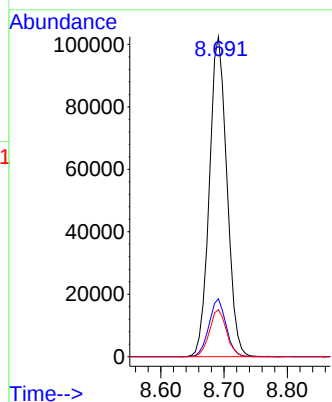
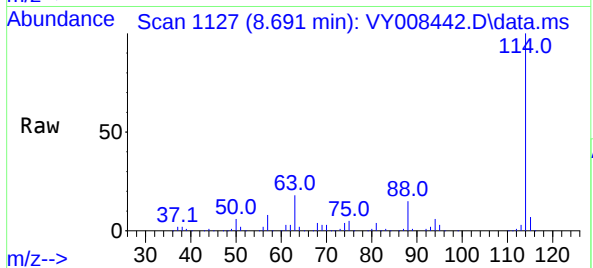




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

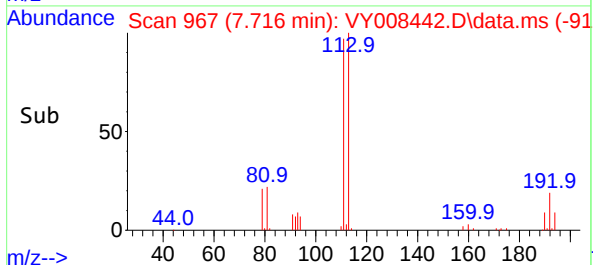
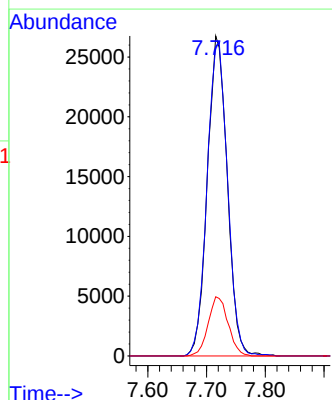
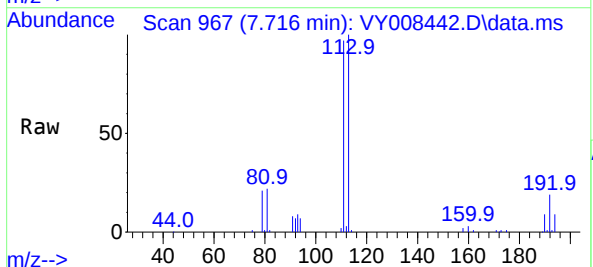
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

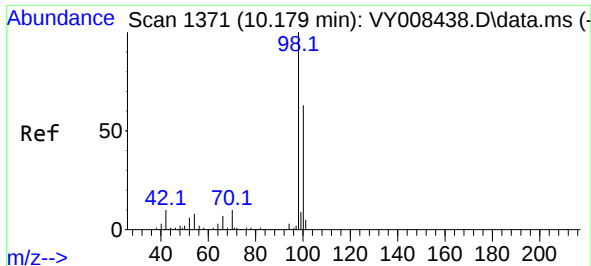
Tgt Ion:114 Resp: 197072
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.594 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

Tgt Ion:113 Resp: 63077
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 18.5 17.6 26.4

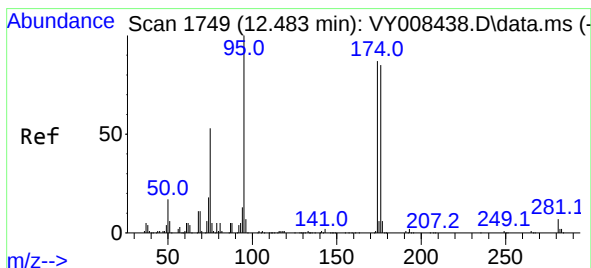
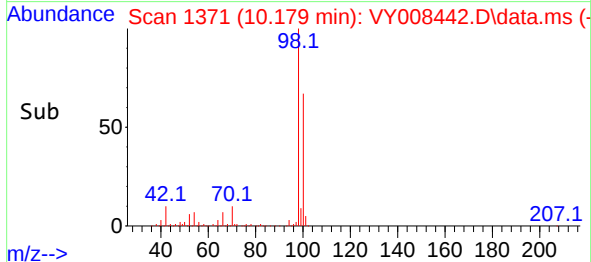
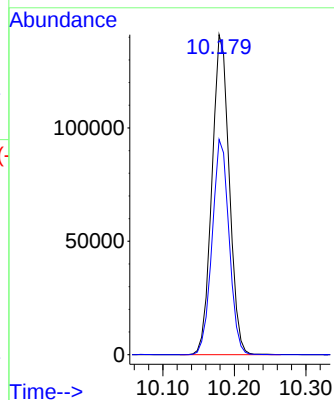
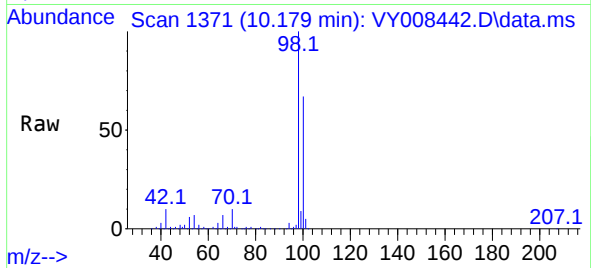




#50
Toluene-d8
Concen: 46.922 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

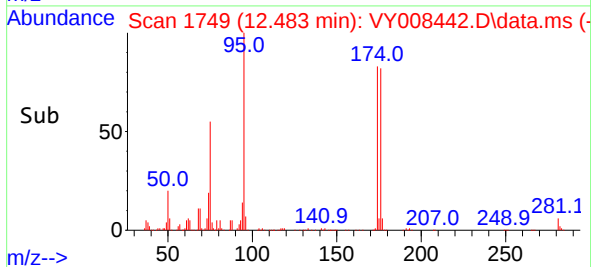
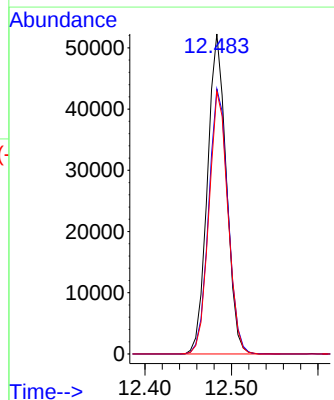
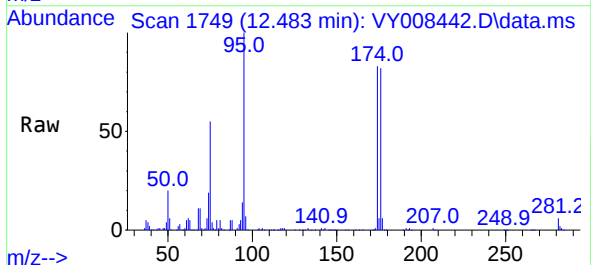
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

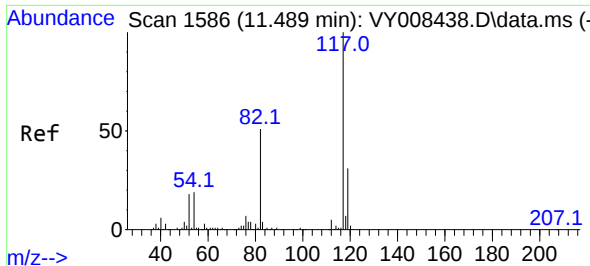
Tgt Ion: 98 Resp: 237122
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

Tgt Ion: 95 Resp: 79174
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.0 0.0 175.8

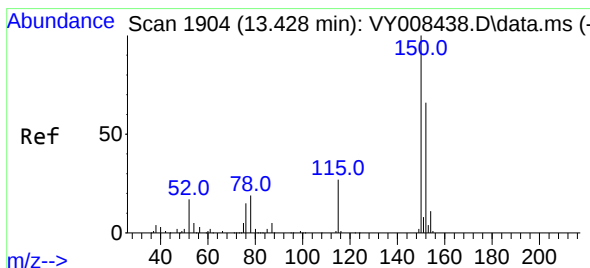
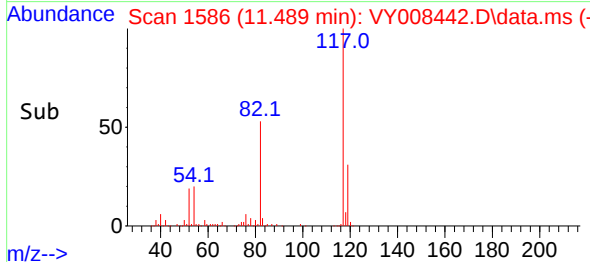
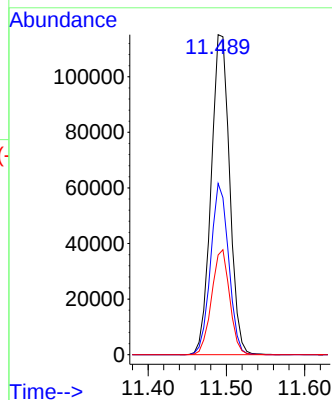
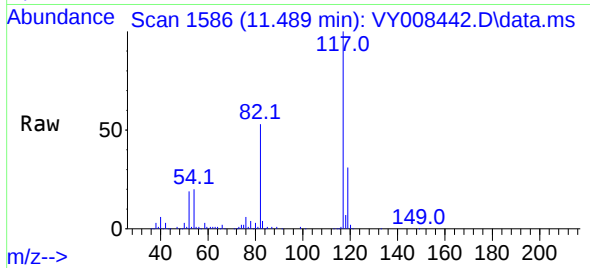




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

Tgt Ion:117 Resp: 188759
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008442.D
Acq: 21 Apr 2022 15:36

Tgt Ion:152 Resp: 83178
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.8 0.0 347.6

