

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011587.D
 Acq On : 23 Nov 2022 19:52
 Operator : KP/MD
 Sample : N5772-04
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-4

Quant Time: Nov 24 00:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	178360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124842	68.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.860%
35) Dibromofluoromethane	7.722	113	108963	53.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.179	98	403223	54.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.483	95	116866	42.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.640%

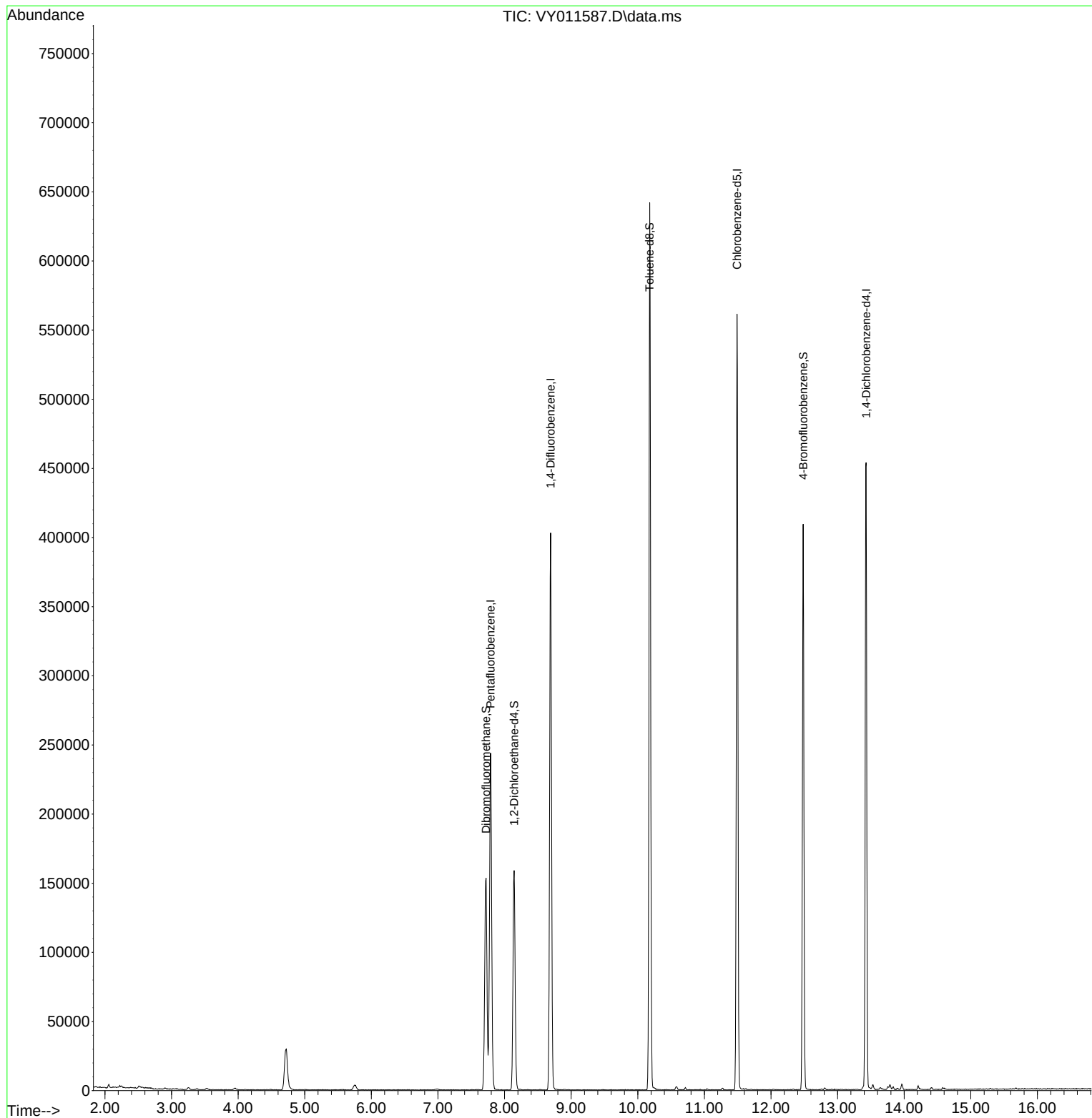
Target Compounds	Qvalue

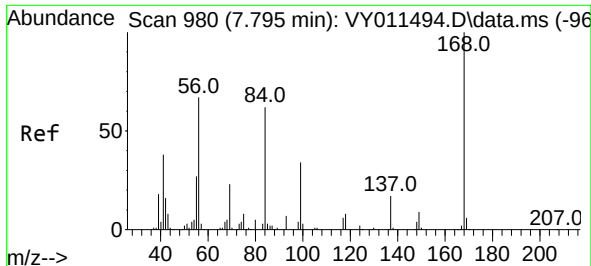
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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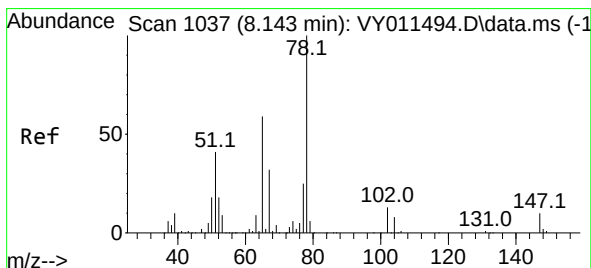
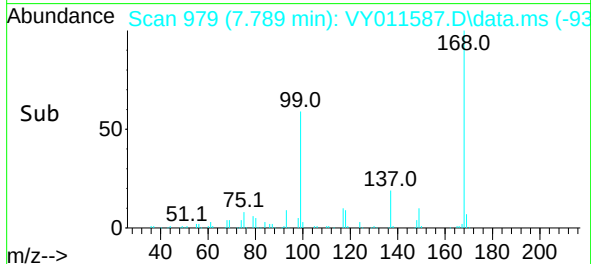
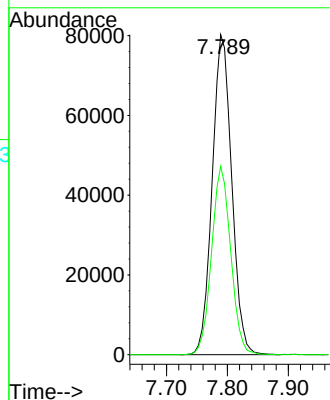
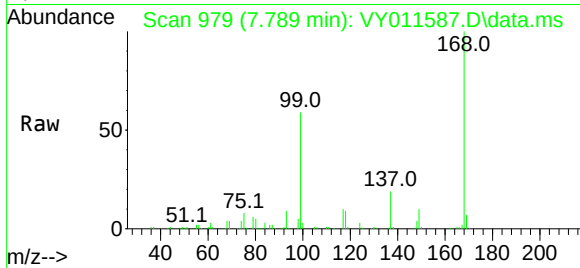




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

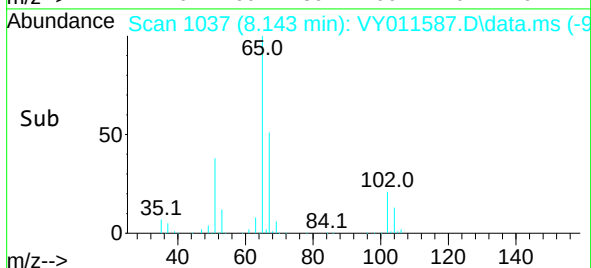
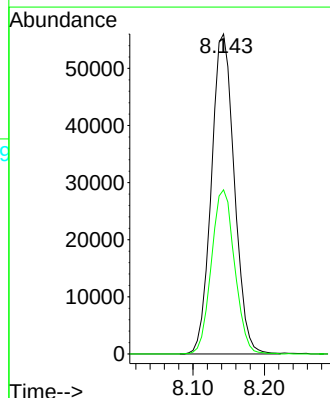
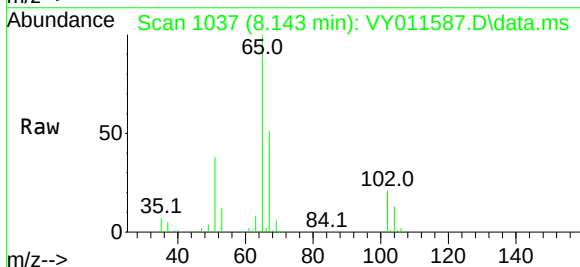
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-4

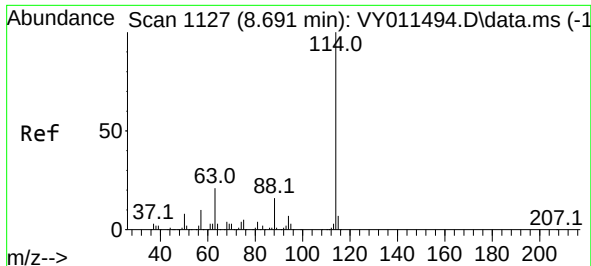
Tgt Ion:168 Resp: 178360
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.933 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion: 65 Resp: 124842
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

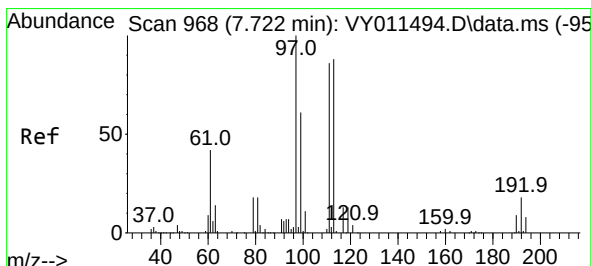
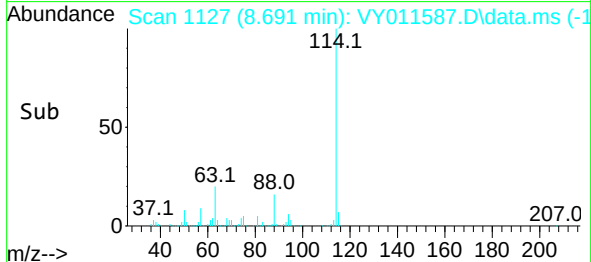
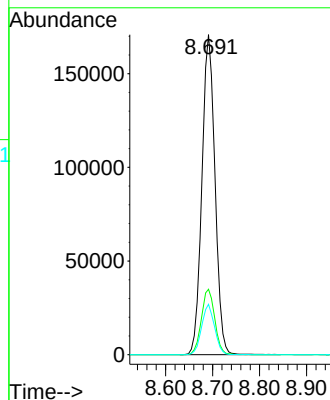
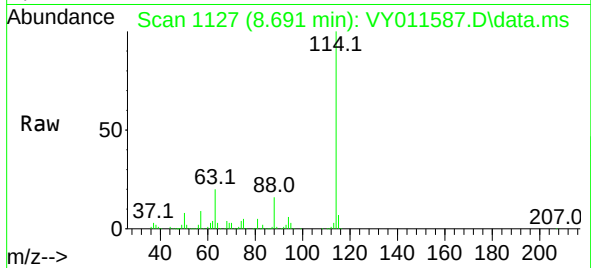




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

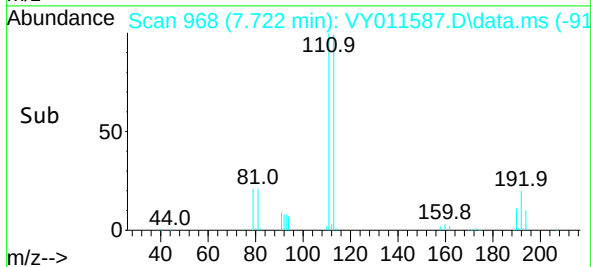
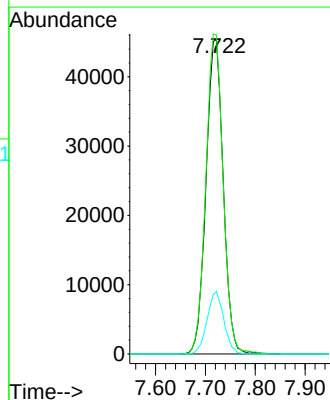
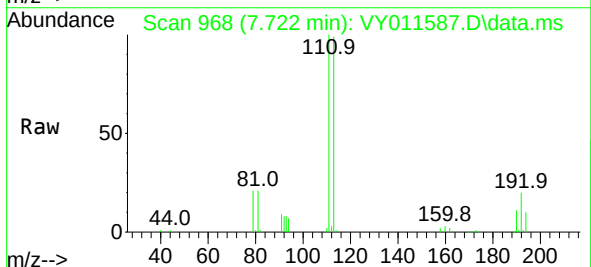
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-4

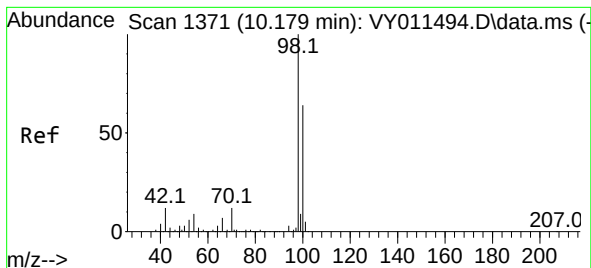
Tgt Ion:114 Resp: 330015
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion:113 Resp: 108963
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.3 17.6 26.4

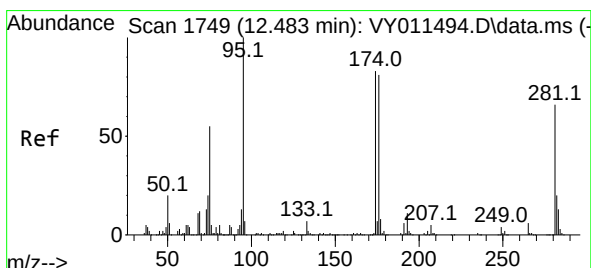
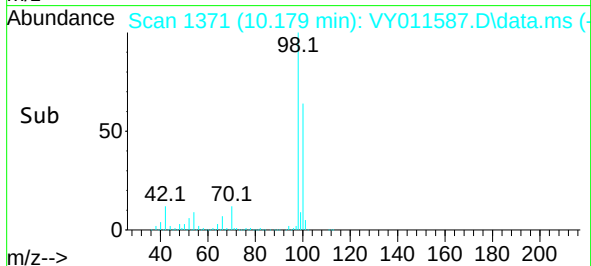
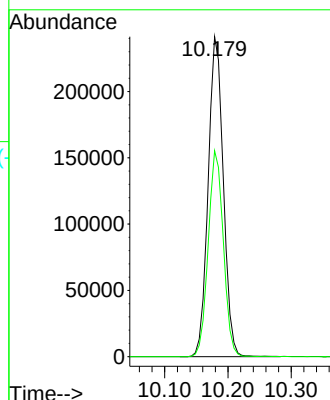
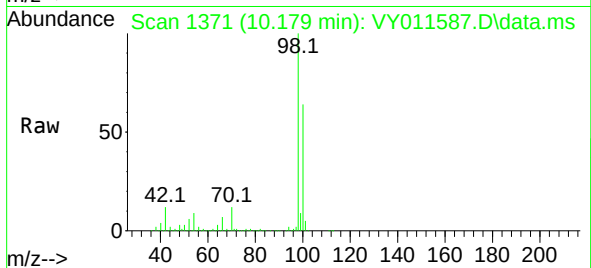




#50
Toluene-d8
Concen: 54.619 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

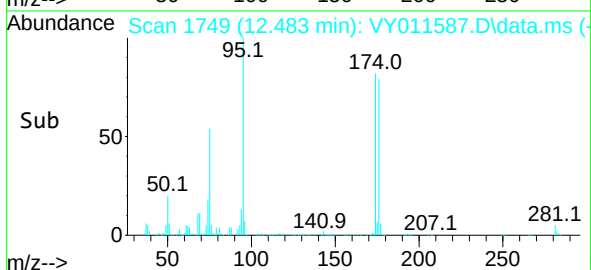
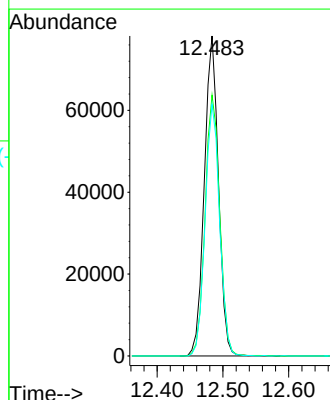
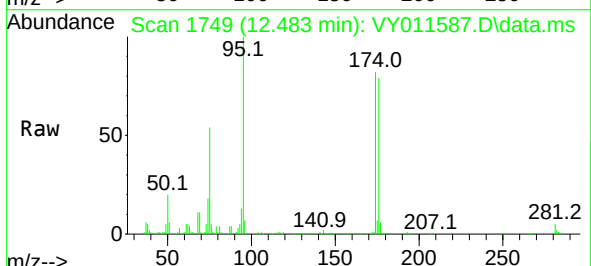
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-4

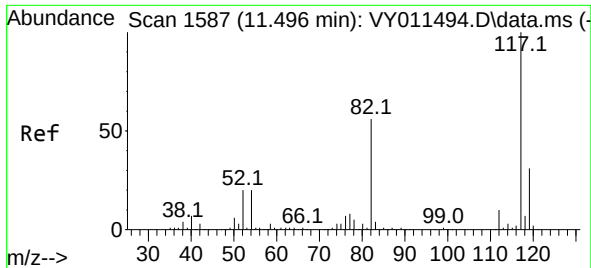
Tgt Ion: 98 Resp: 403223
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion: 95 Resp: 116866
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.3 0.0 175.8

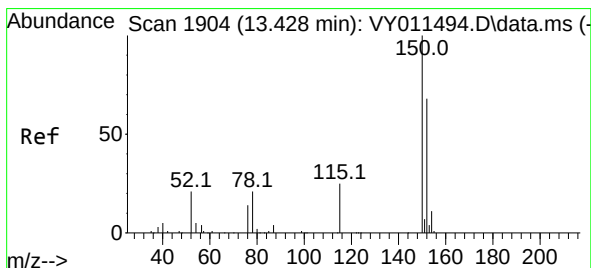
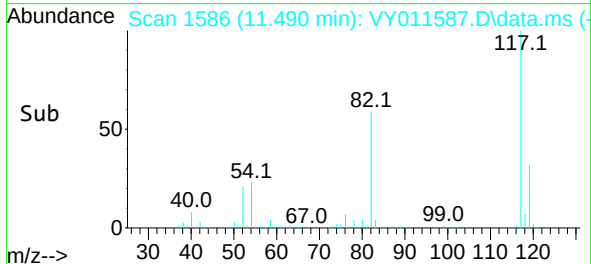
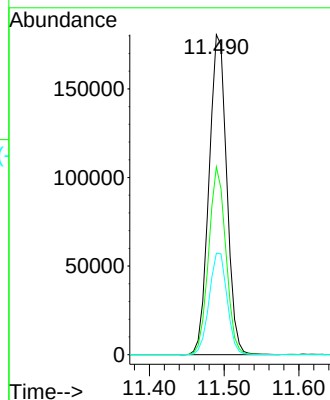
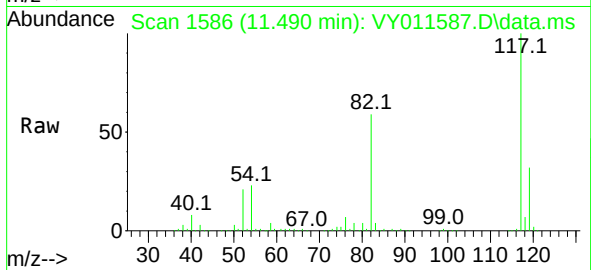




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-4

Tgt Ion:117 Resp: 297365
Ion Ratio Lower Upper
117 100
82 58.7 43.0 64.4
119 31.7 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: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion:152 Resp: 118938
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.1 0.0 347.6

