

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011292.D
 Acq On : 03 Nov 2022 17:10
 Operator : KP/MD
 Sample : N5395-08
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-103122

Quant Time: Nov 04 02:21:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	236096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149716	59.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.580%
35) Dibromofluoromethane	7.716	113	149055	57.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.180%
50) Toluene-d8	10.179	98	498718	49.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	146099	41.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.760%

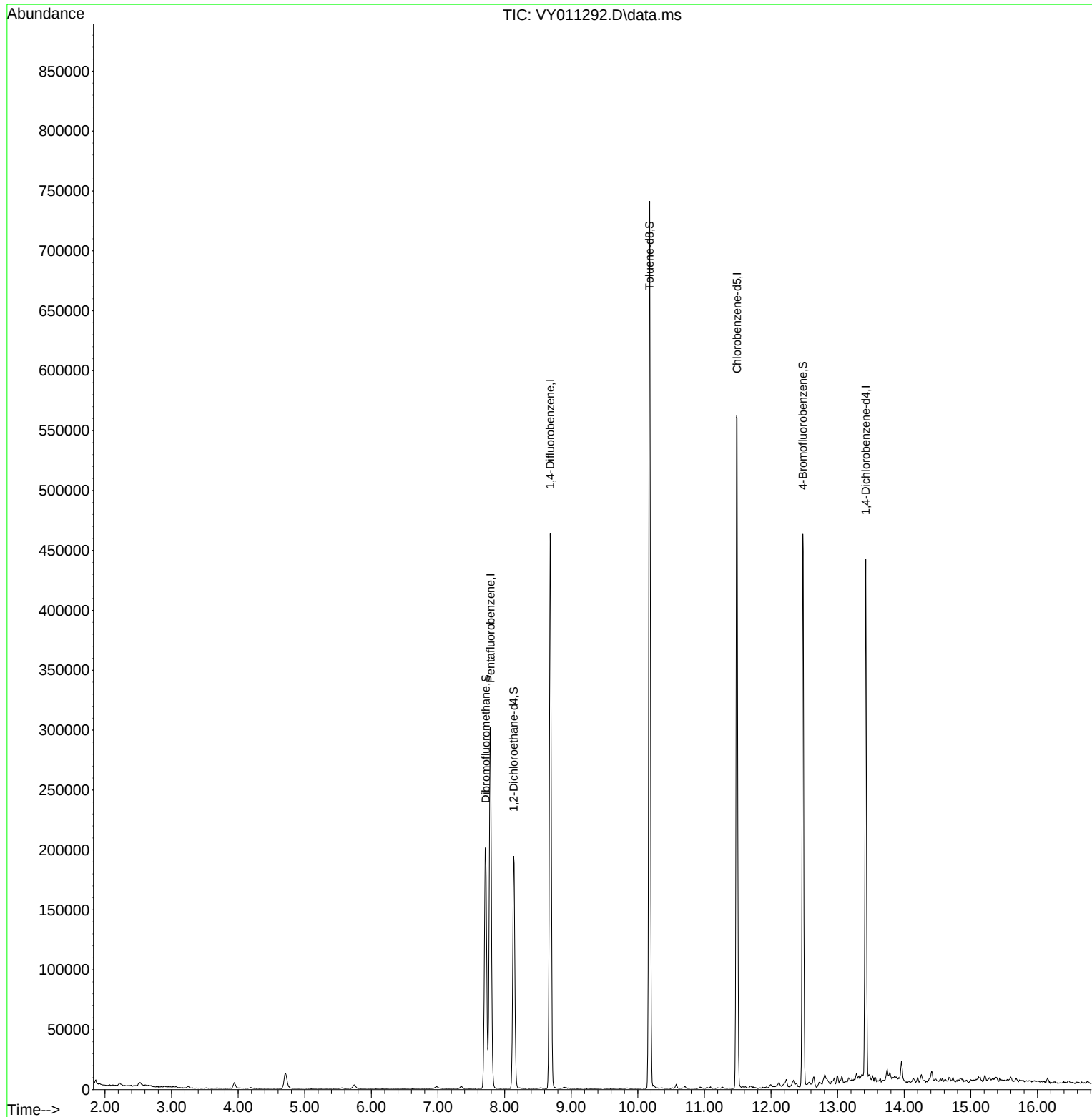
Target Compounds	Qvalue

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

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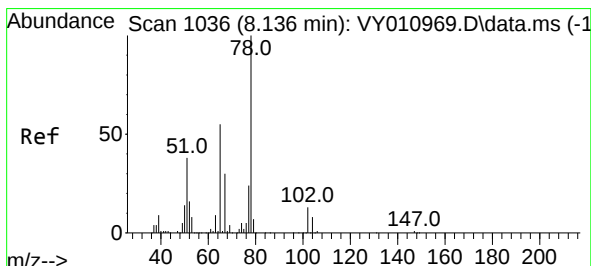
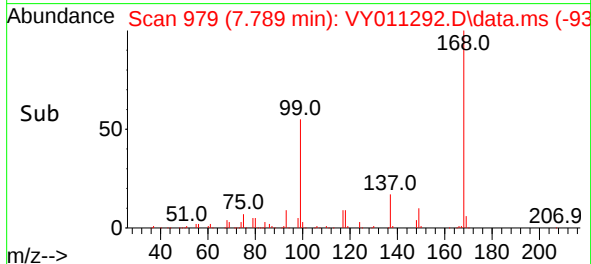
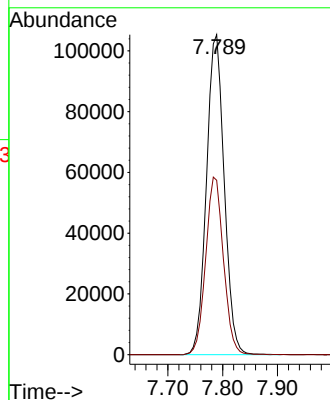
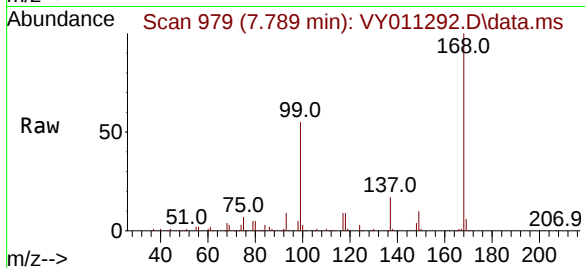




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

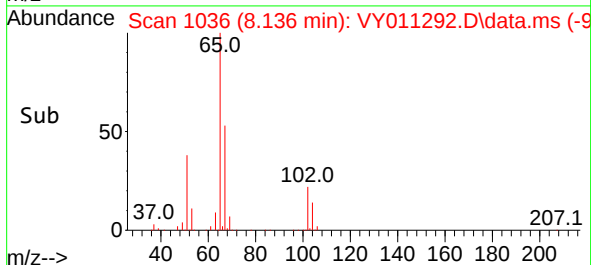
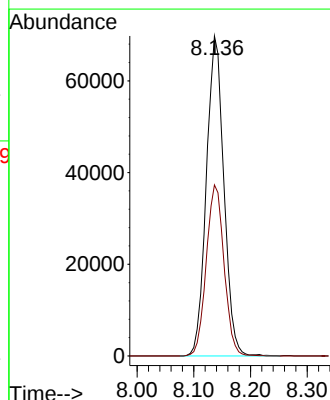
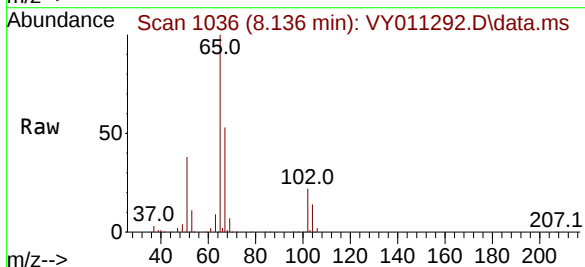
Instrument :
MSVOA_Y
ClientSampleId :
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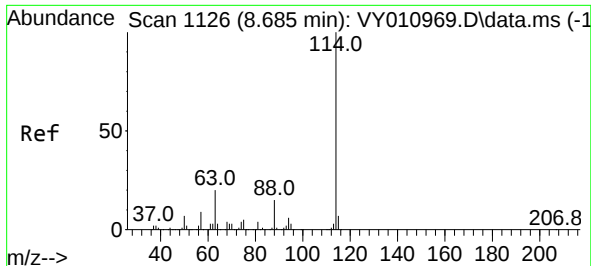
Tgt Ion:168 Resp: 236096
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.292 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 65 Resp: 149716
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

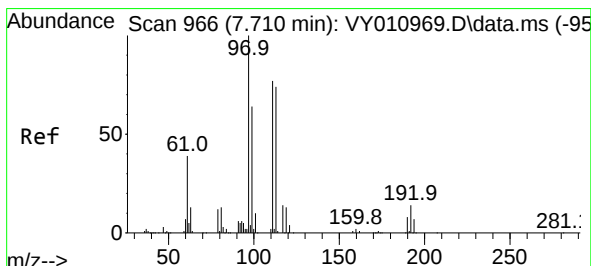
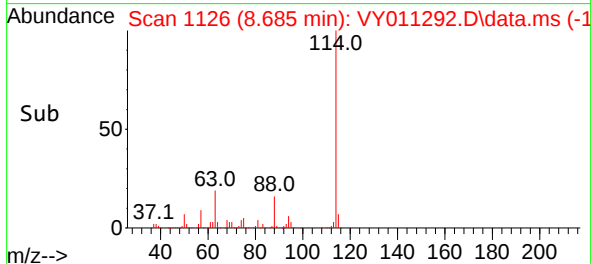
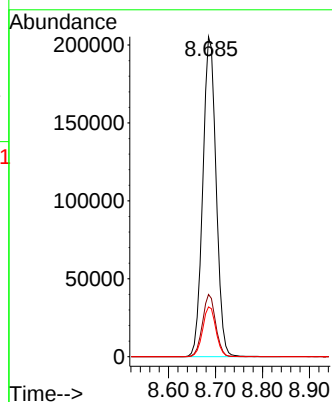
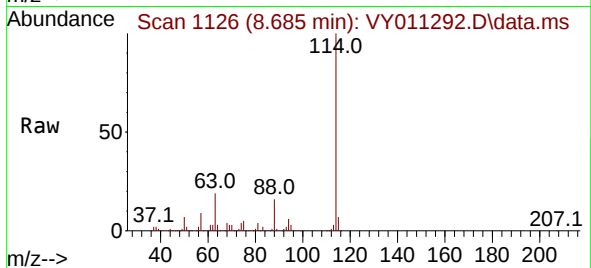




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

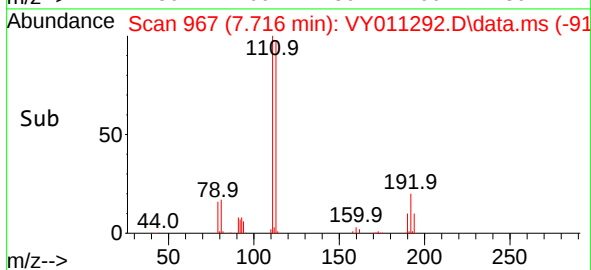
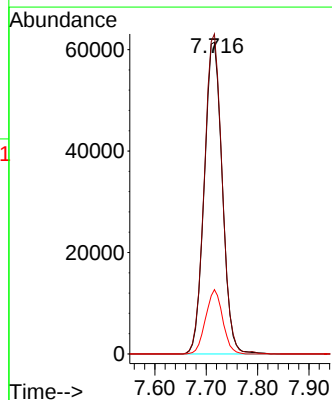
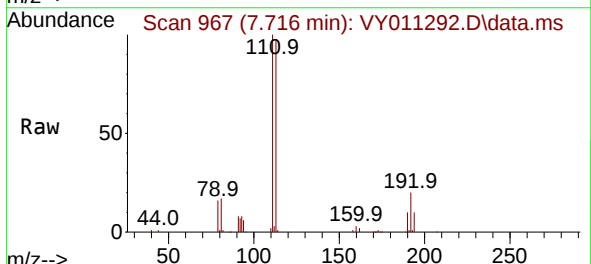
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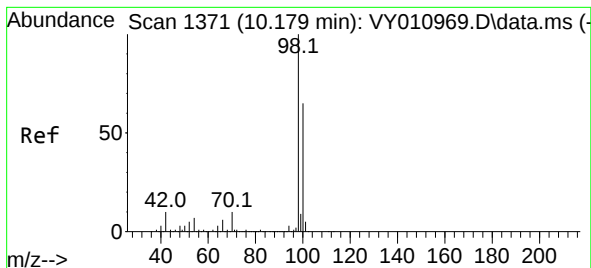
Tgt Ion:114 Resp: 402807
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.594 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion:113 Resp: 149055
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.6 17.6 26.4

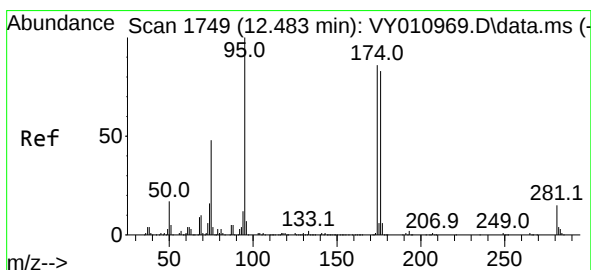
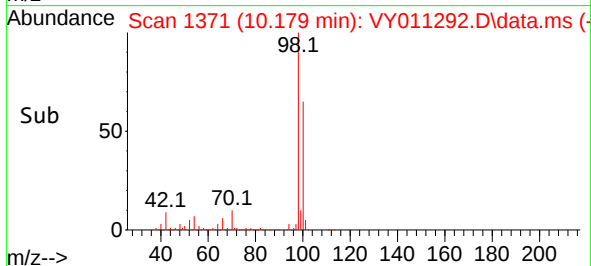
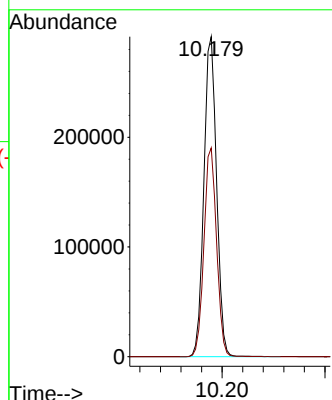
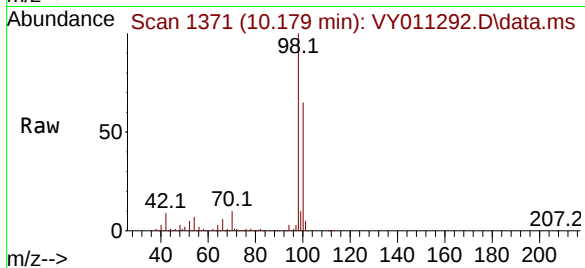




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

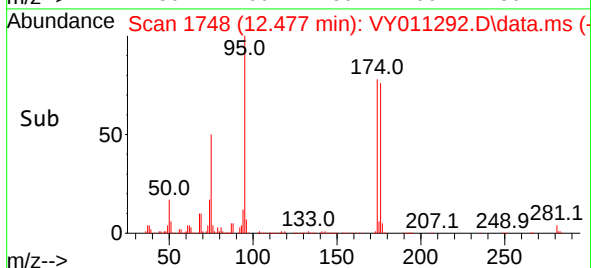
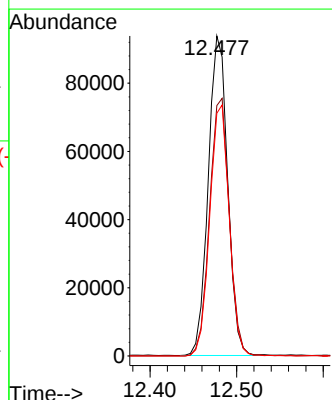
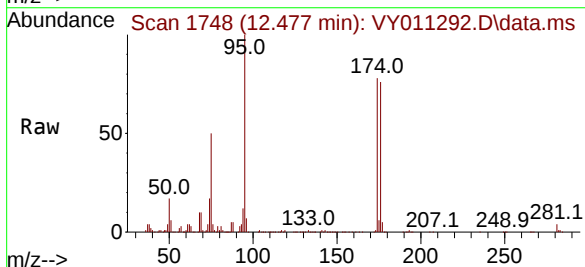
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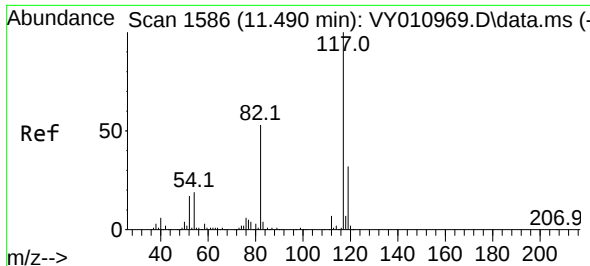
Tgt Ion: 98 Resp: 498718
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.882 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 95 Resp: 146099
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 78.7 0.0 175.8

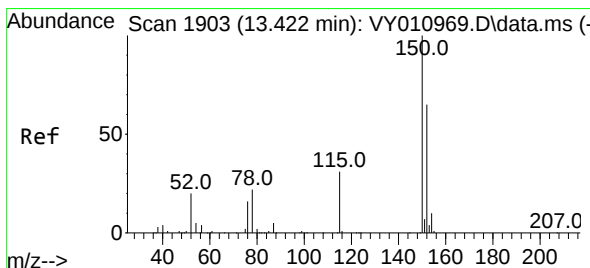
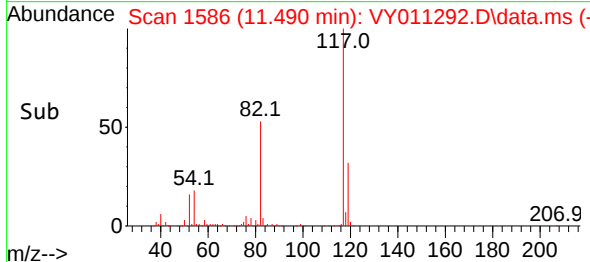
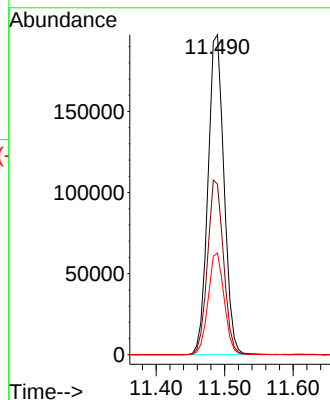
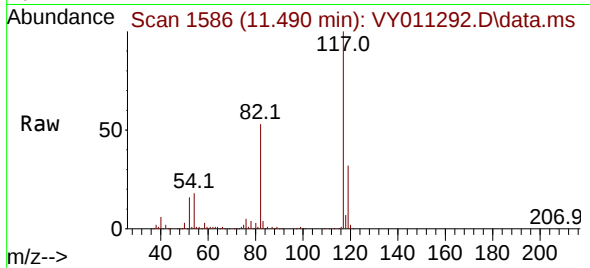




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

Tgt Ion:117 Resp: 321509
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion:152 Resp: 110527
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.0 0.0 347.6

