

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011112.D
 Acq On : 26 Oct 2022 13:42
 Operator : KP/MD
 Sample : N5281-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Oct 27 04:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	295036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	521950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	470678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128755	47.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.716	113	138691	47.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.179	98	445859	40.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.820%
62) 4-Bromofluorobenzene	12.477	95	163300	41.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.600%

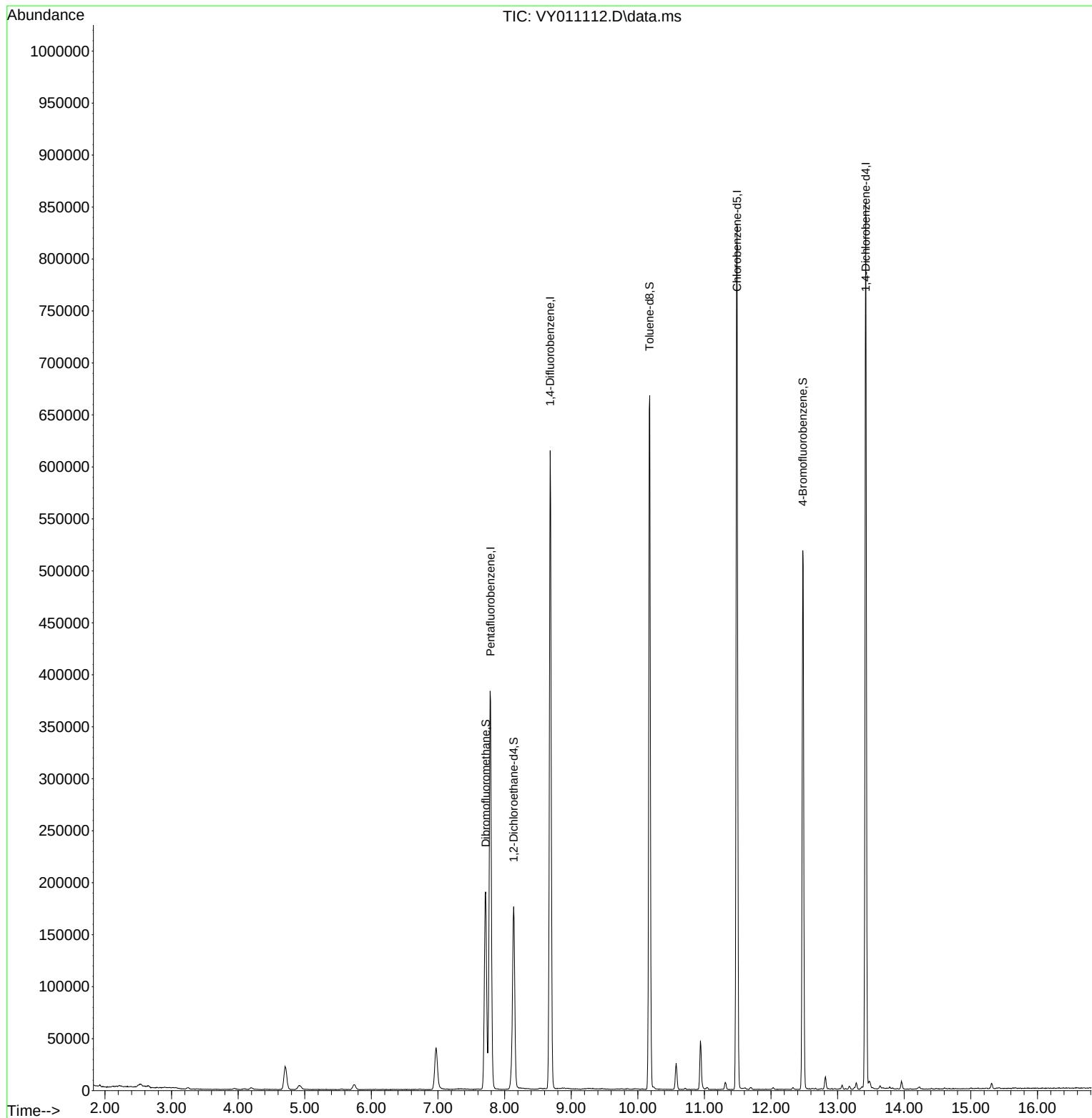
Target Compounds	Qvalue

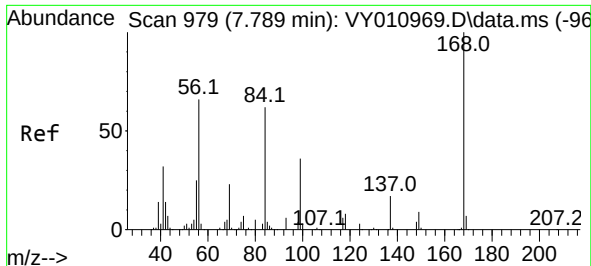
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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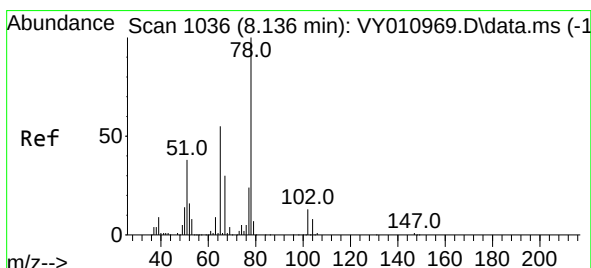
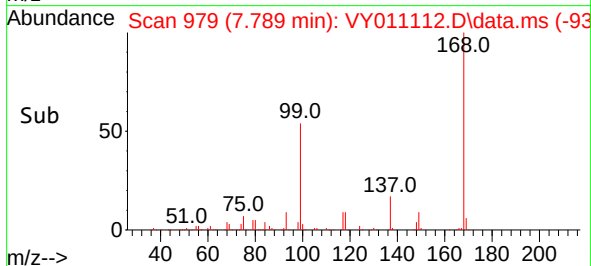
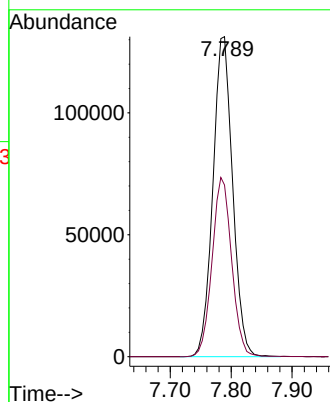
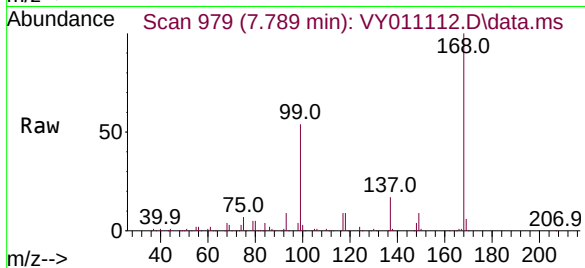




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

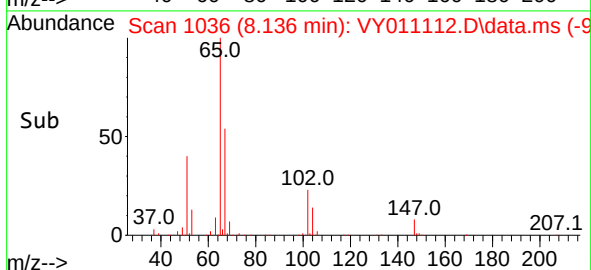
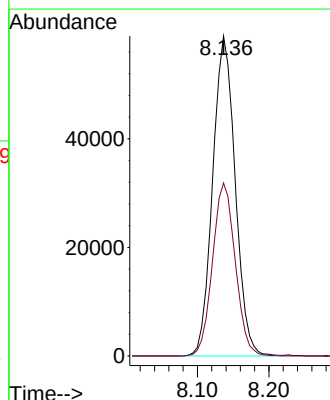
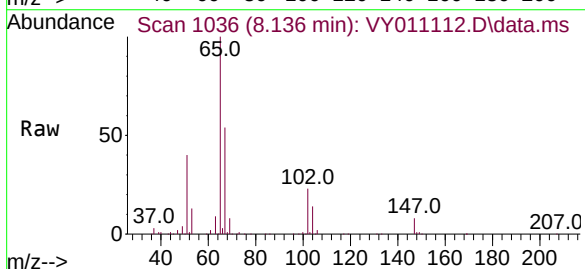
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

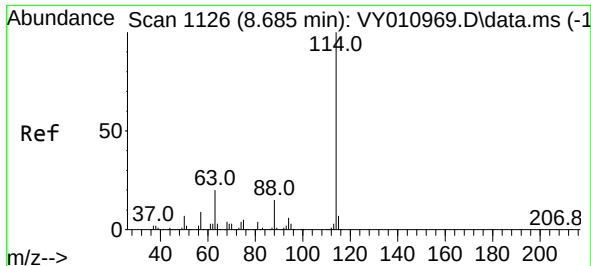
Tgt Ion:168 Resp: 295036
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.376 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

Tgt Ion: 65 Resp: 128755
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

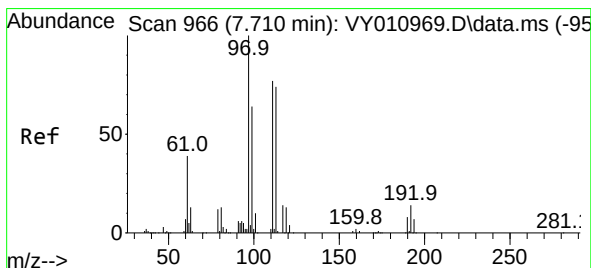
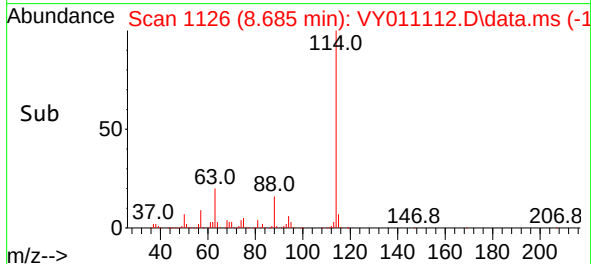
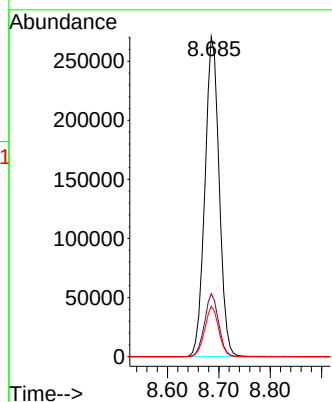
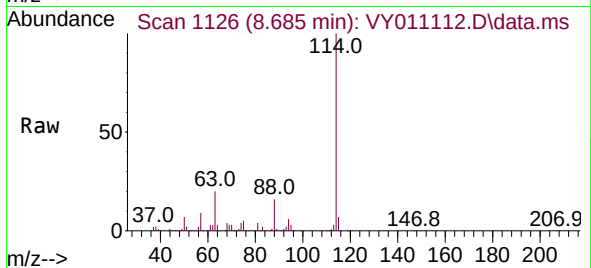




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

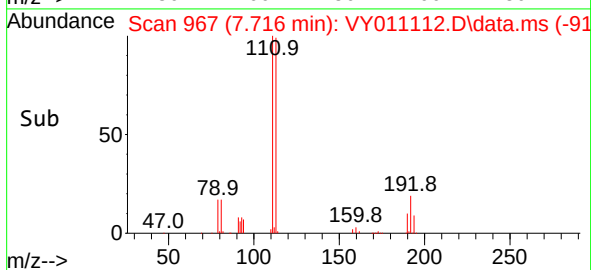
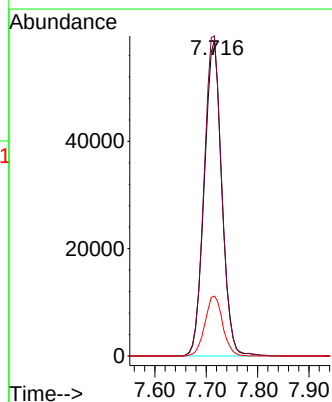
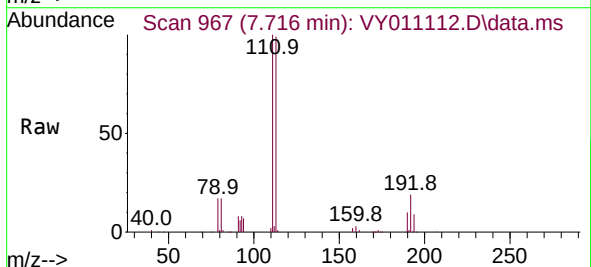
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

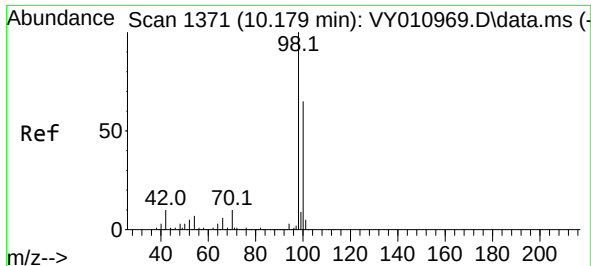
Tgt Ion:114 Resp: 521950
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.563 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

Tgt Ion:113 Resp: 138691
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.3 17.6 26.4

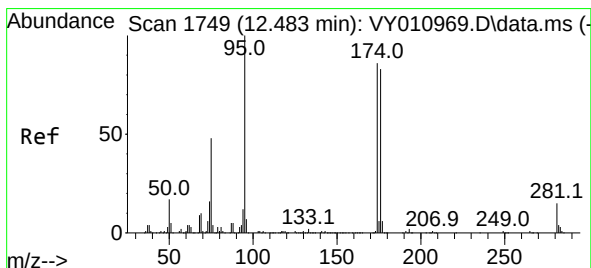
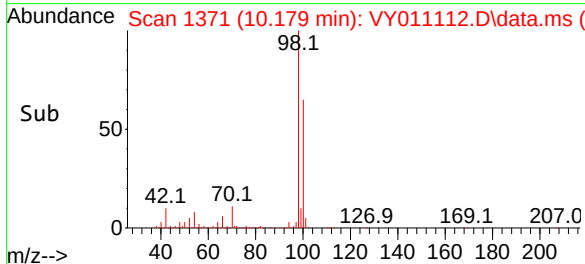
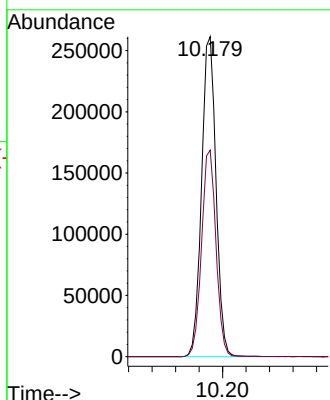
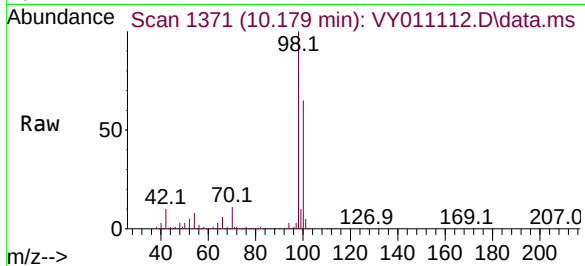




#50
Toluene-d8
Concen: 40.911 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

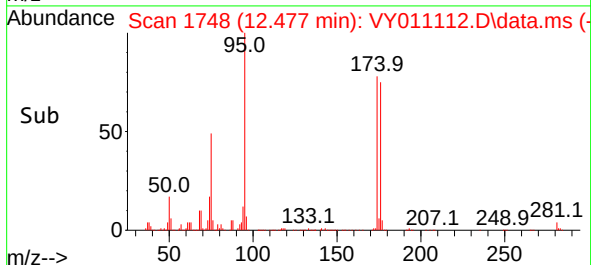
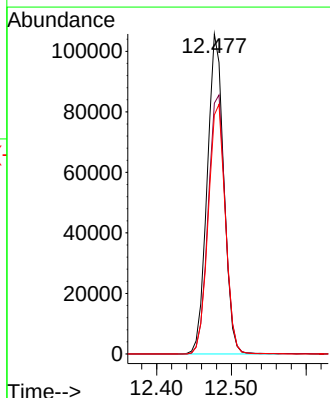
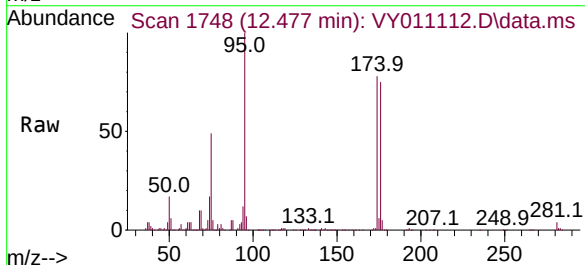
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

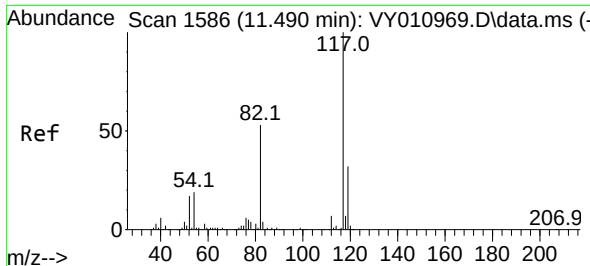
Tgt Ion: 98 Resp: 445859
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.796 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

Tgt Ion: 95 Resp: 163300
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.0 0.0 175.8

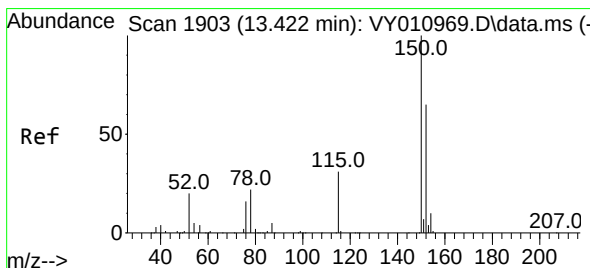
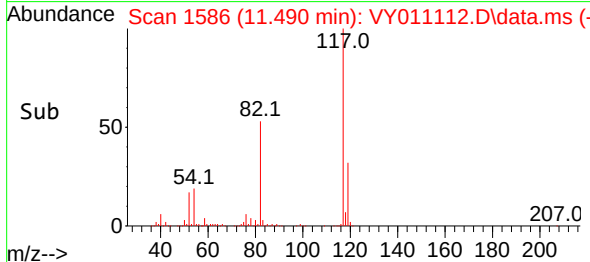
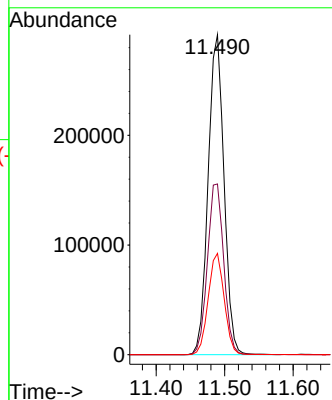
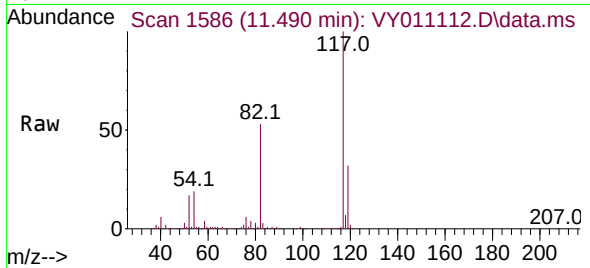




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011112.D
Acq: 26 Oct 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 470678
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.7 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: VY011112.D
Acq: 26 Oct 2022 13:42

Tgt Ion:152 Resp: 212453
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 157.5 0.0 347.6

