

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010584.D
 Acq On : 20 Sep 2022 18:44
 Operator : KP/MD
 Sample : N4697-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-6.5-7.0

Quant Time: Sep 21 01:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	173495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98274	59.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.440%
35) Dibromofluoromethane	7.710	113	95691	49.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.179	98	360553	50.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.477	95	121593	45.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%

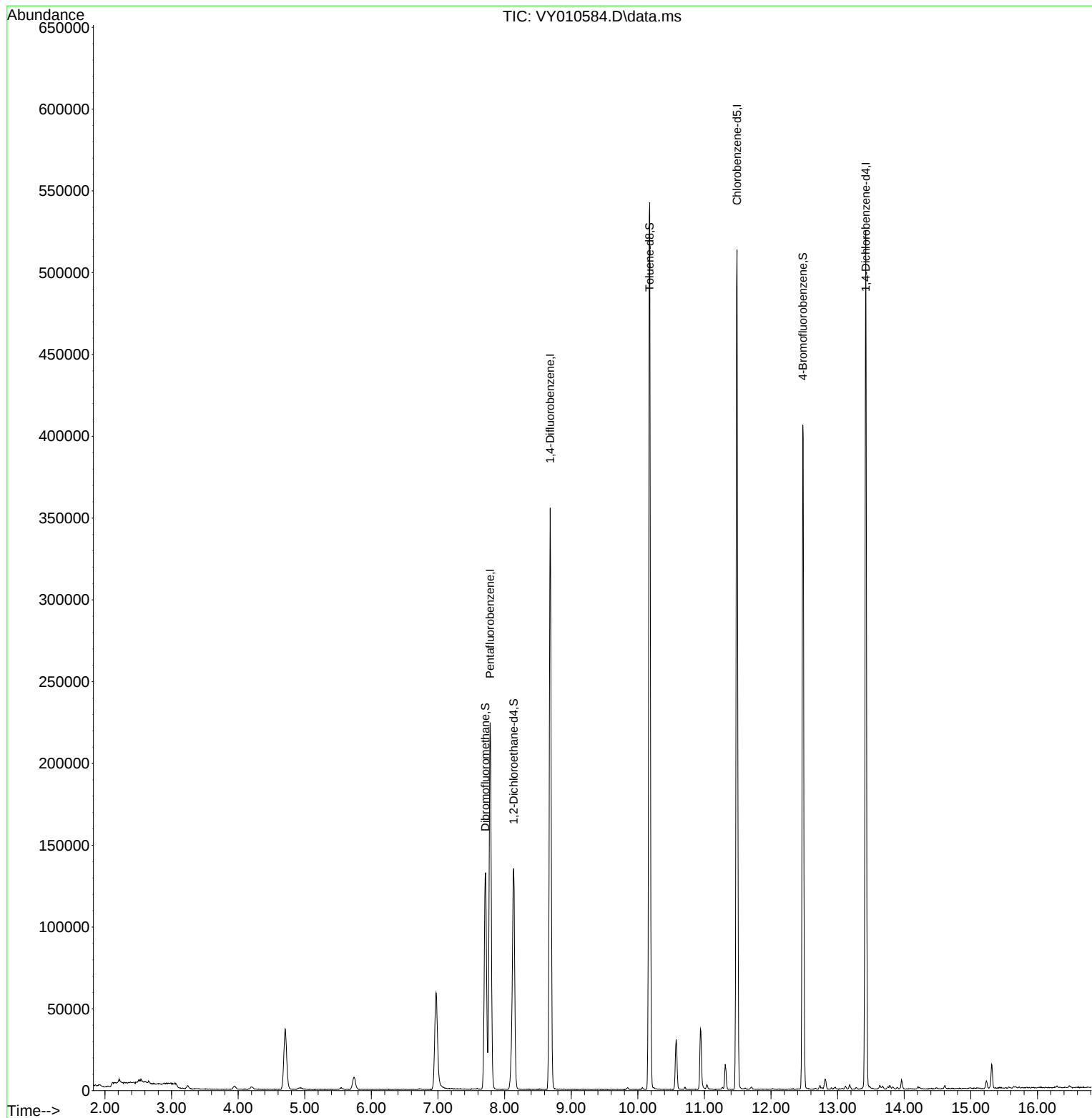
Target Compounds	Qvalue

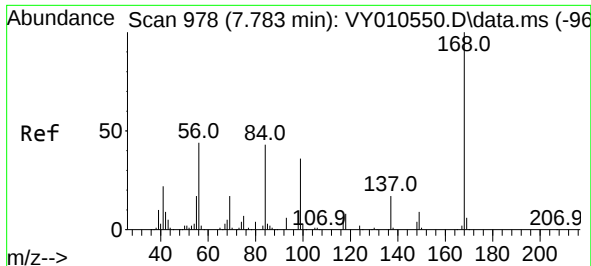
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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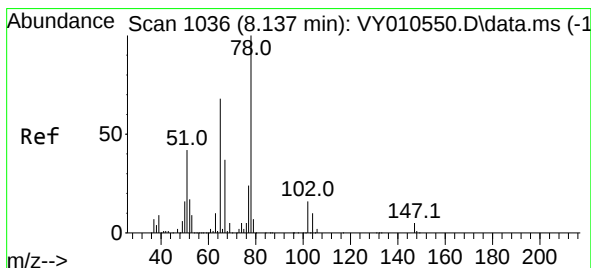
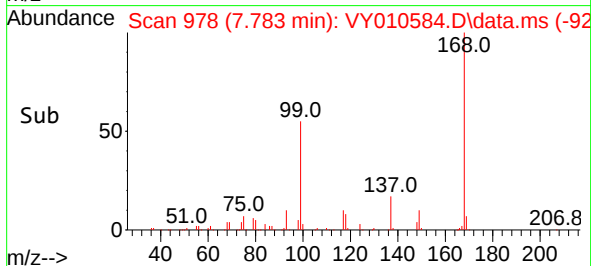
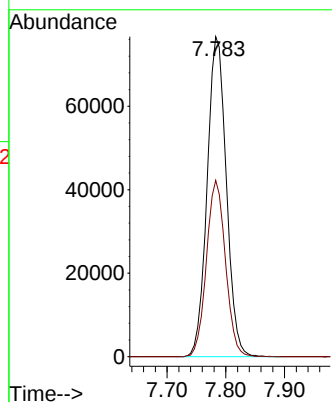
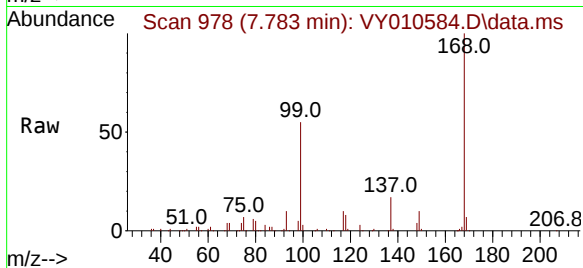




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

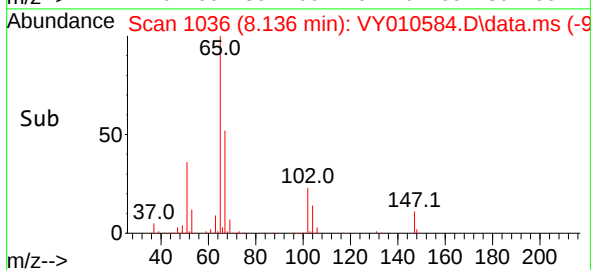
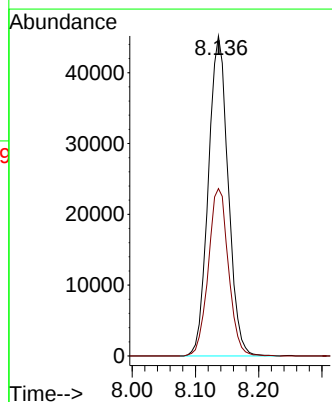
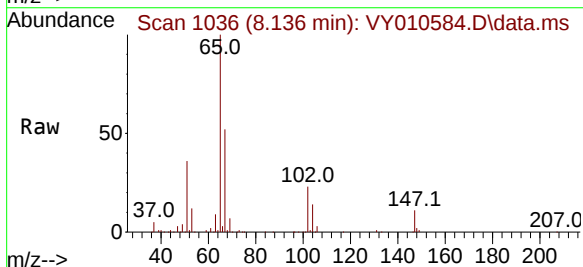
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-6.5-7.0

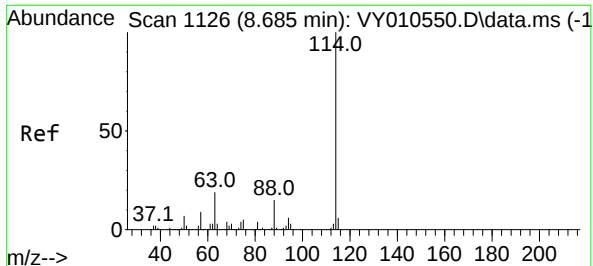
Tgt Ion:168 Resp: 173495
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.221 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

Tgt Ion: 65 Resp: 98274
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

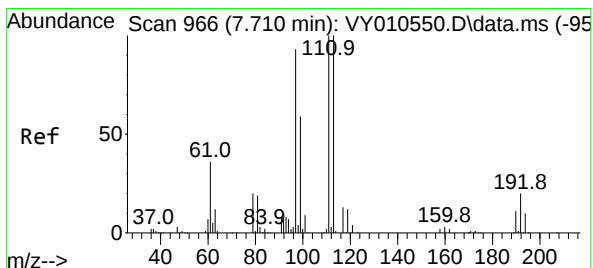
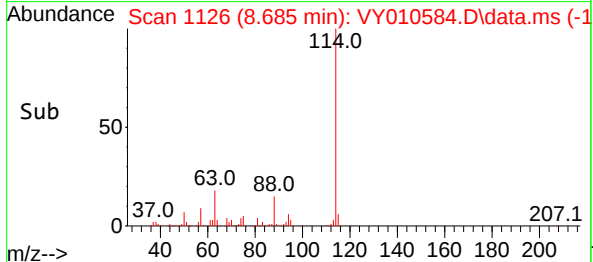
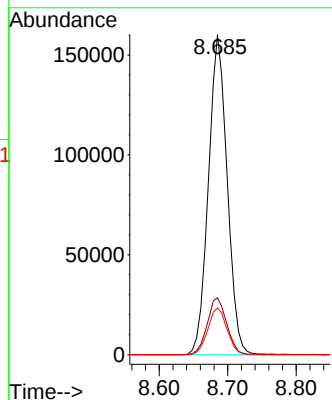
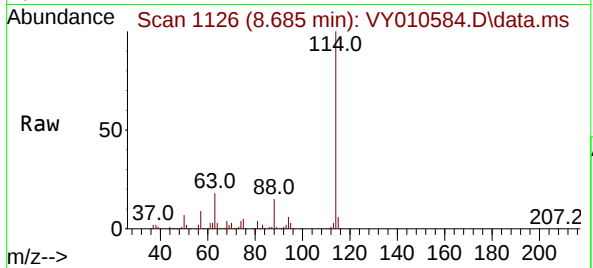




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

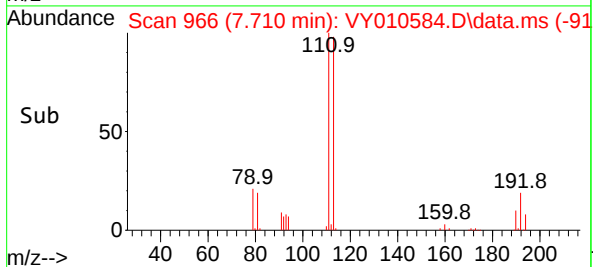
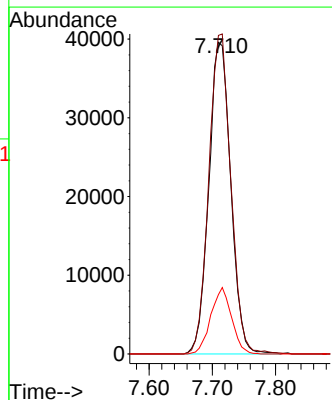
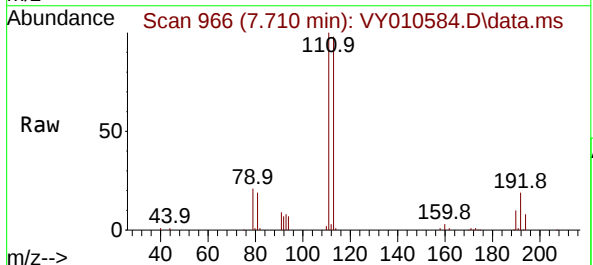
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-6.5-7.0

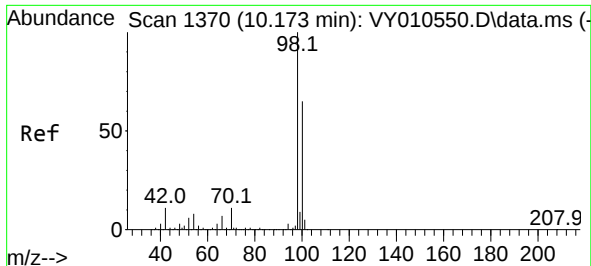
Tgt Ion:114 Resp: 304254
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.281 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

Tgt Ion:113 Resp: 95691
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4

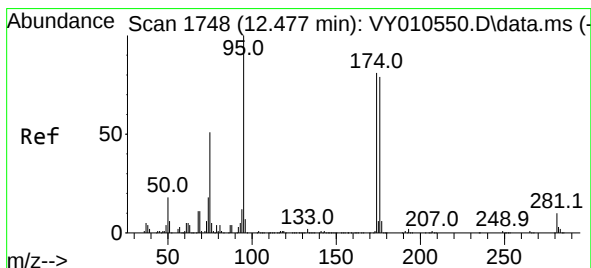
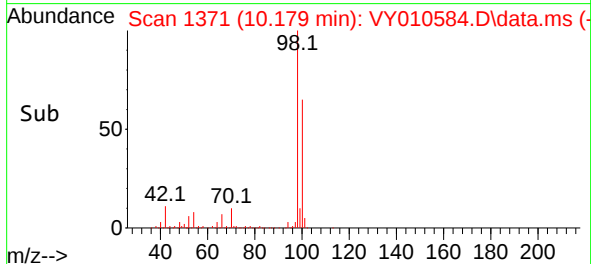
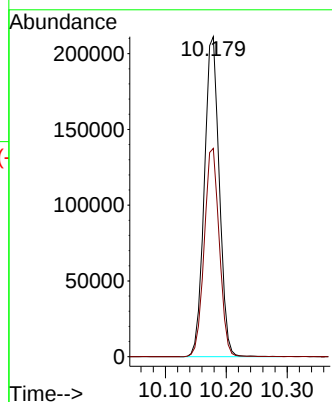
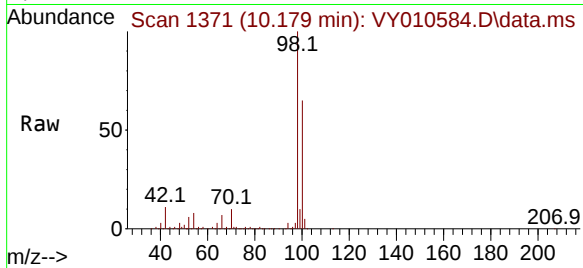




#50
Toluene-d8
Concen: 50.227 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

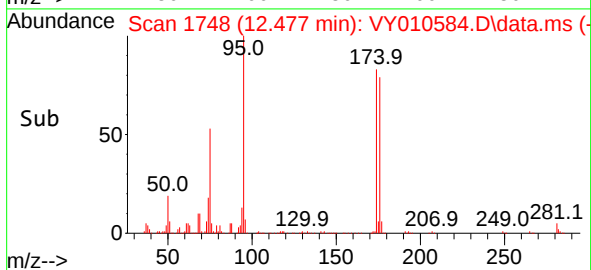
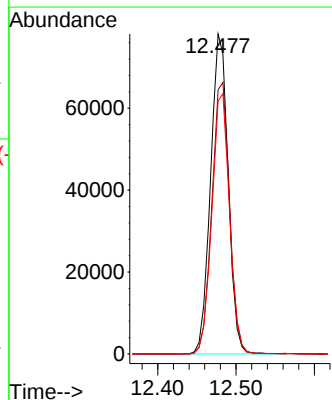
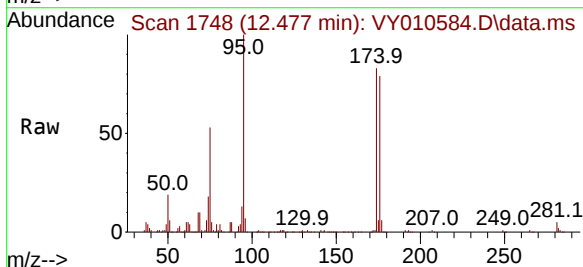
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-6.5-7.0

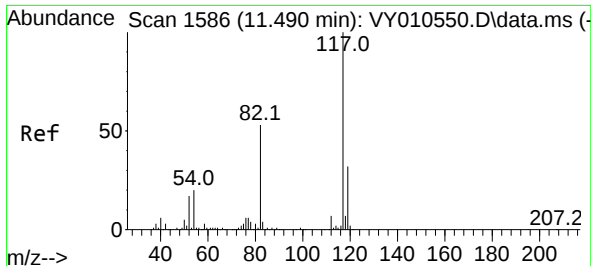
Tgt Ion: 98 Resp: 360553
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

Tgt Ion: 95 Resp: 121593
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 81.9 0.0 175.8

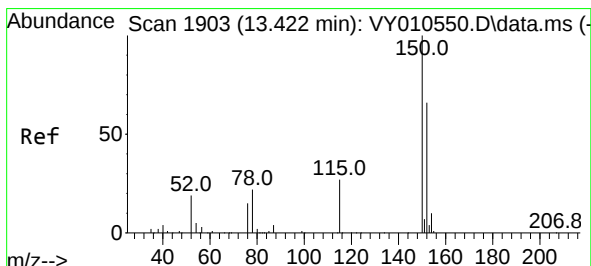
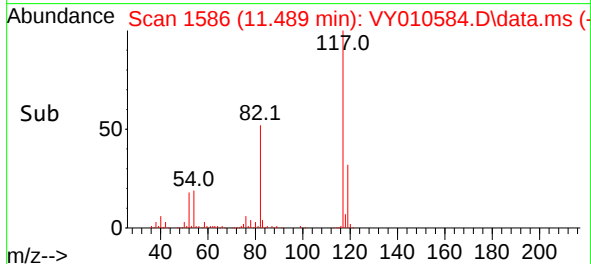
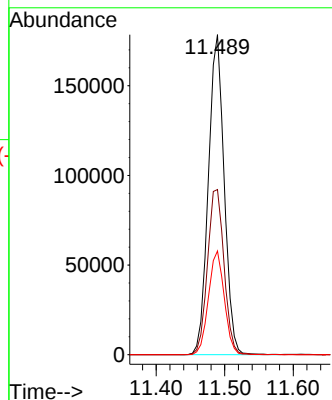
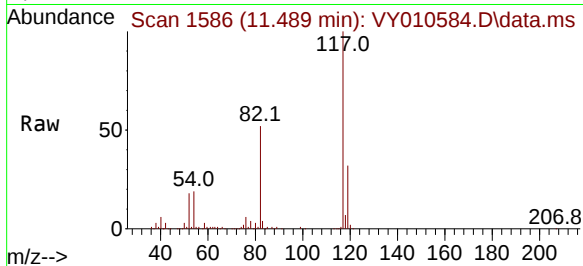




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010584.D
Acq: 20 Sep 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-6.5-7.0

Tgt Ion:117 Resp: 286473
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.4 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: VY010584.D
Acq: 20 Sep 2022 18:44

Tgt Ion:152 Resp: 130560
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.4 0.0 347.6

