

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009334.D
 Acq On : 25 Jun 2022 19:15
 Operator : KP/MD
 Sample : N3488-14
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-15-17-20220623

Quant Time: Jun 27 10:33:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	151719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91139	82.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.540%#	
35) Dibromofluoromethane	7.710	113	79831	55.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.173	98	320912	80.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.460%#	
62) 4-Bromofluorobenzene	12.477	95	107094	52.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.240%	

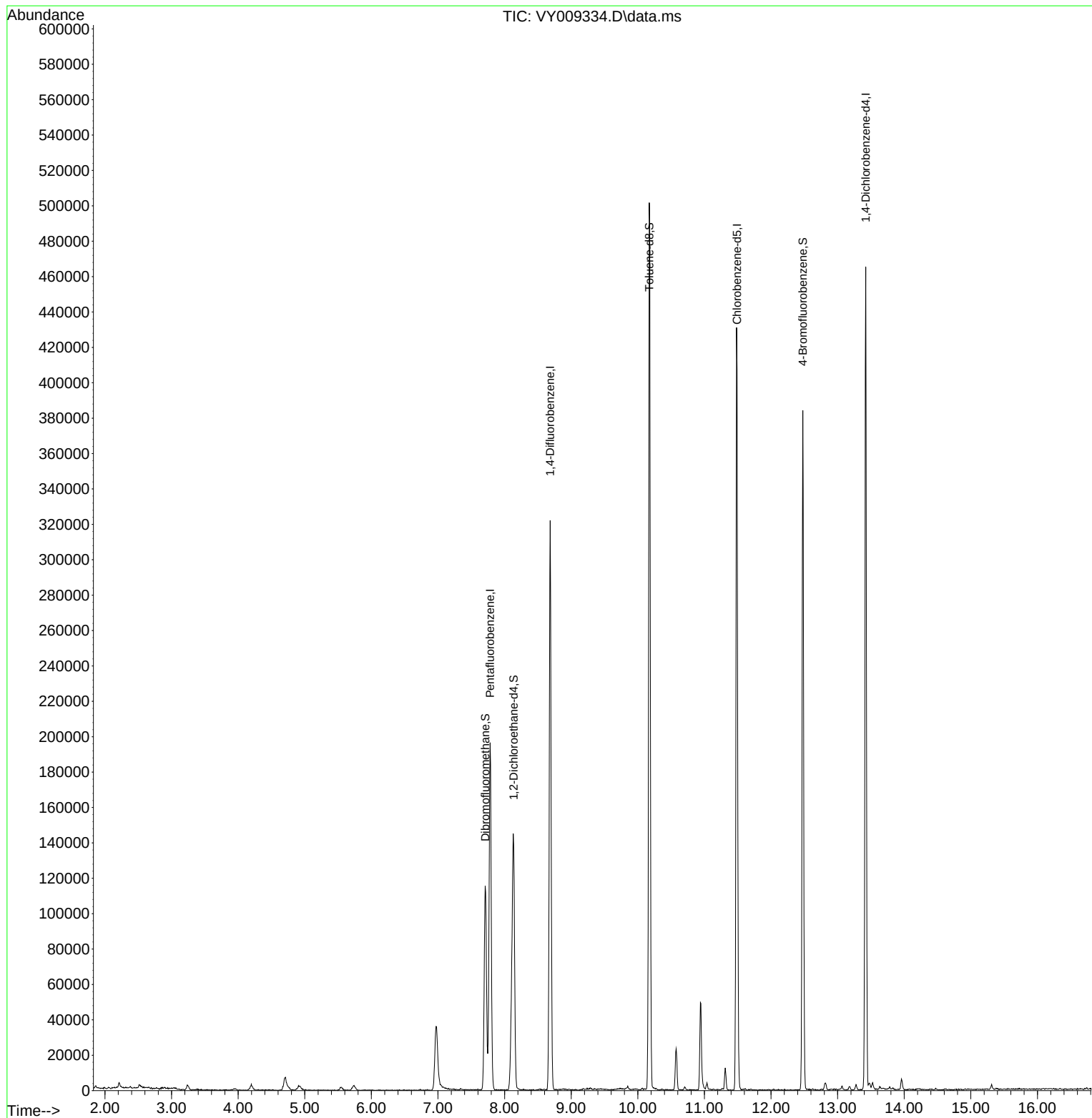
Target Compounds Qvalue

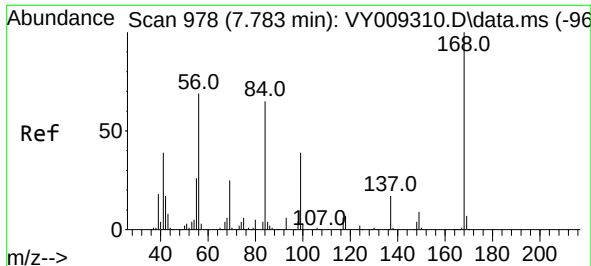
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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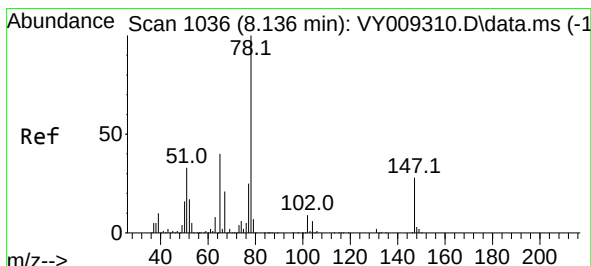
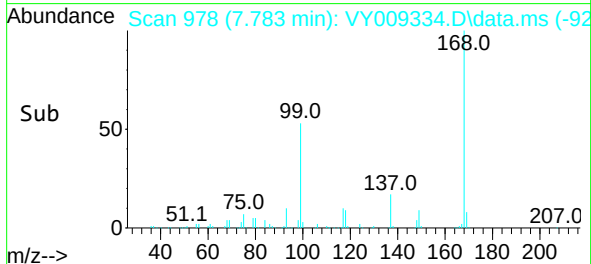
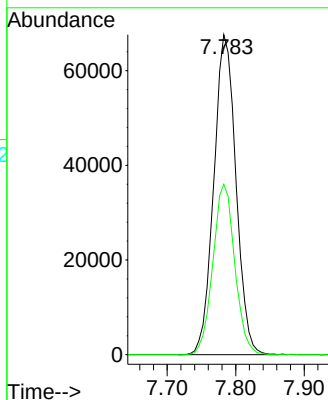
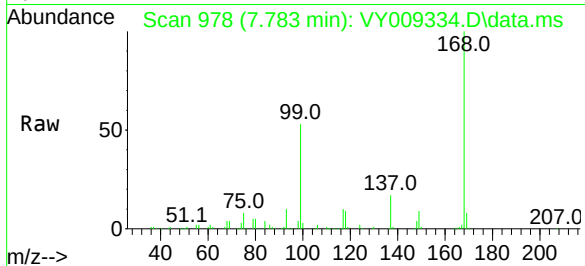




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

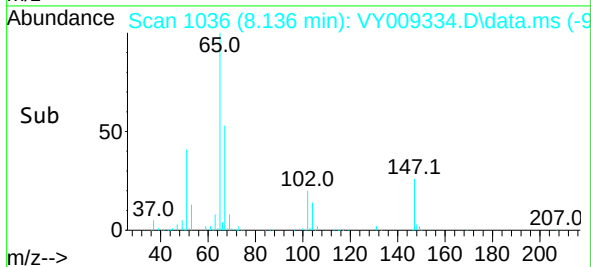
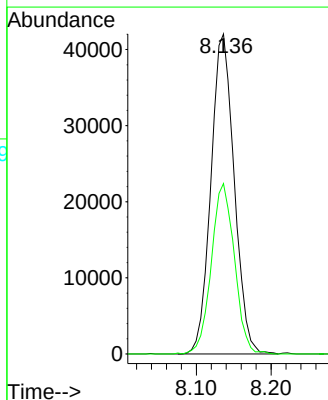
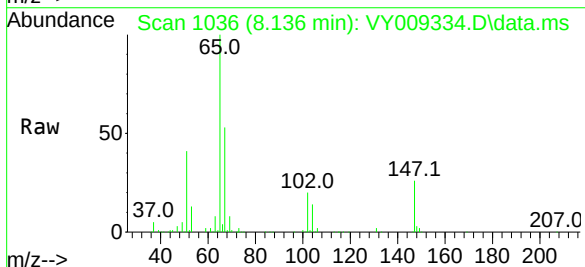
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-15-17-20220623

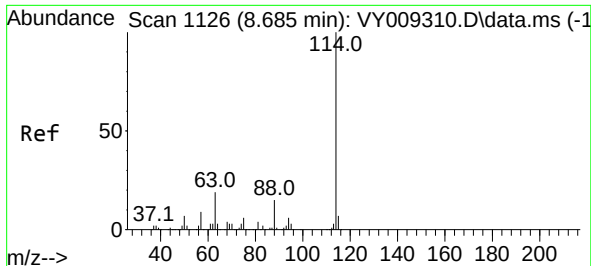
Tgt Ion:168 Resp: 151719
Ion Ratio Lower Upper
168 100
99 53.3 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 82.775 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion: 65 Resp: 91139
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.4

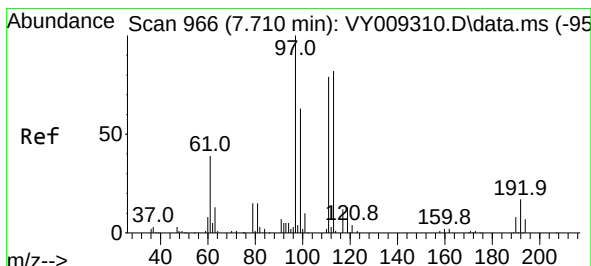
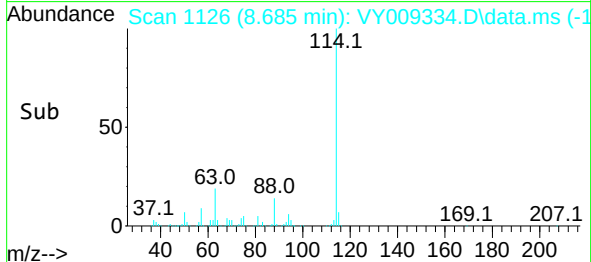
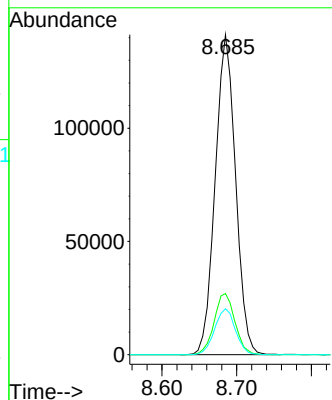
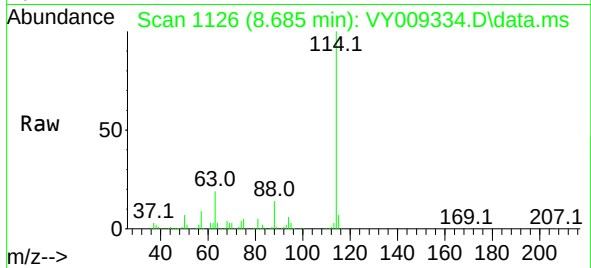




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

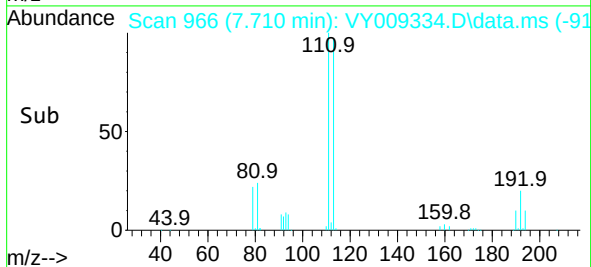
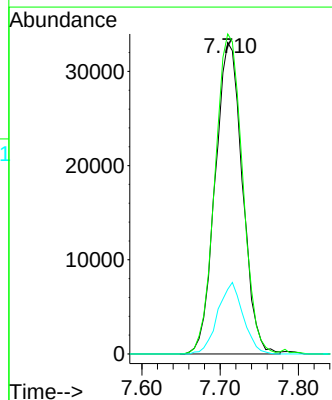
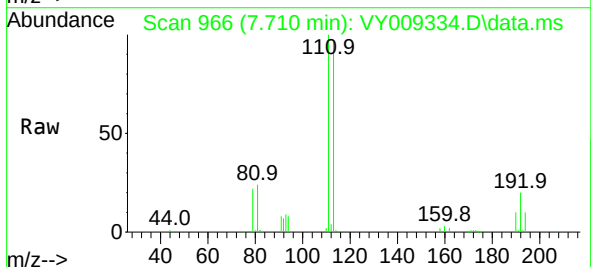
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-15-17-20220623

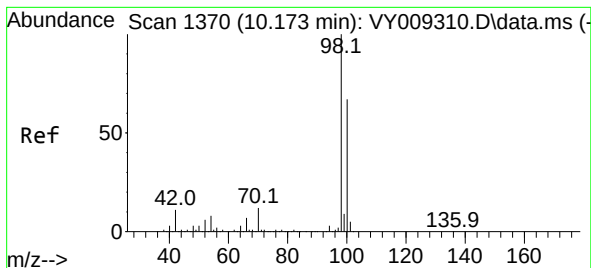
Tgt Ion:114 Resp: 267307
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.0
88 14.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.330 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion:113 Resp: 79831
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 21.4 16.2 24.4





#50

Toluene-d8

Concen: 80.231 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009334.D

Acq: 25 Jun 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

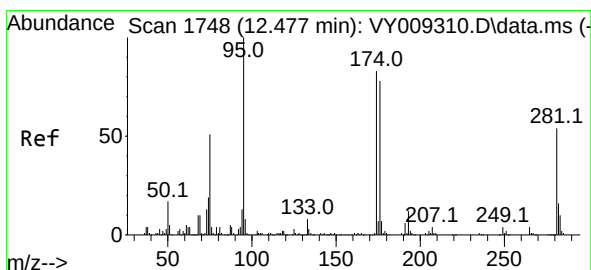
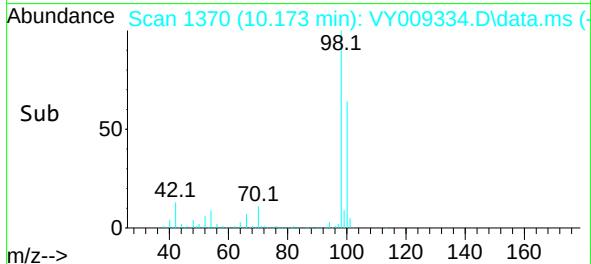
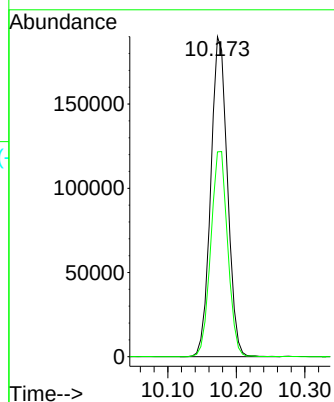
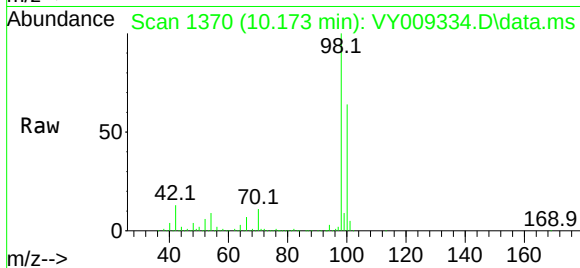
SB-13-15-17-20220623

Tgt Ion: 98 Resp: 320912

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 52.117 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009334.D

Acq: 25 Jun 2022 19:15

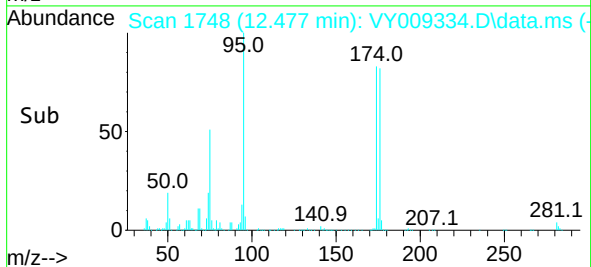
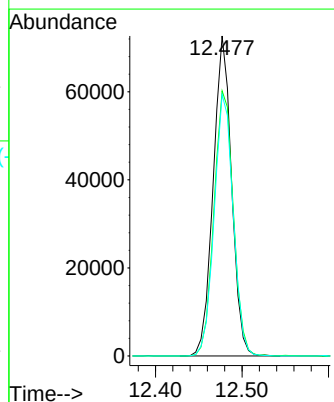
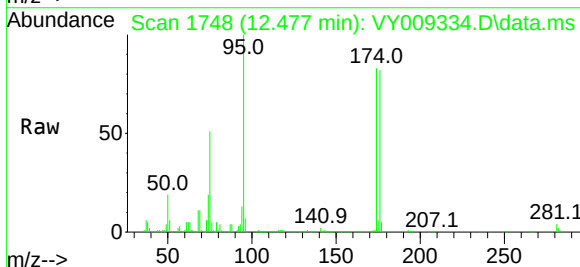
Tgt Ion: 95 Resp: 107094

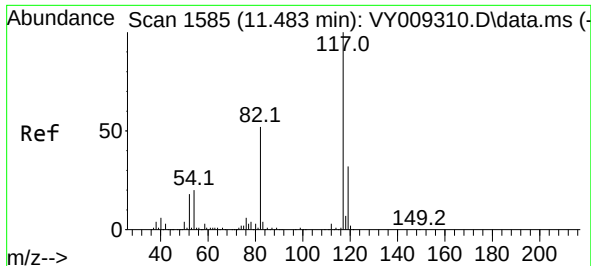
Ion Ratio Lower Upper

95 100

174 87.2 0.0 173.8

176 84.3 0.0 167.0

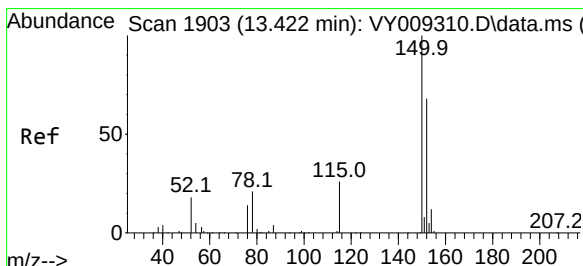
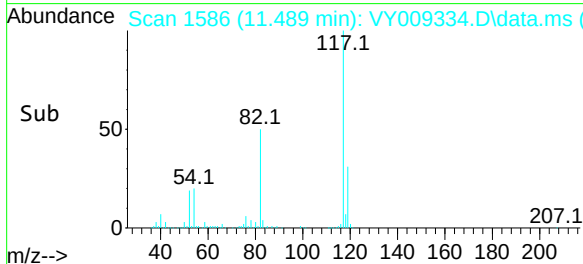
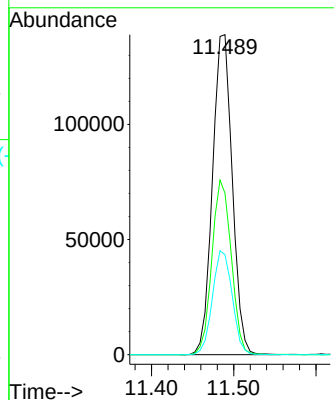
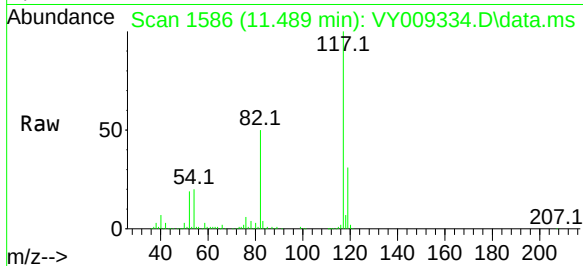




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-15-17-20220623

Tgt Ion:117 Resp: 232264
Ion Ratio Lower Upper
117 100
82 50.5 41.8 62.6
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009334.D
Acq: 25 Jun 2022 19:15

Tgt Ion:152 Resp: 115061
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.9
150 158.4 0.0 349.8

