

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009387.D
 Acq On : 29 Jun 2022 20:57
 Operator : KP/MD
 Sample : N3488-07
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-9.5-11.5-20220623

Quant Time: Jun 30 05:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61608	55.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.710	113	55336	41.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.400%
50) Toluene-d8	10.179	98	212784	52.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.477	95	69494	36.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.040%

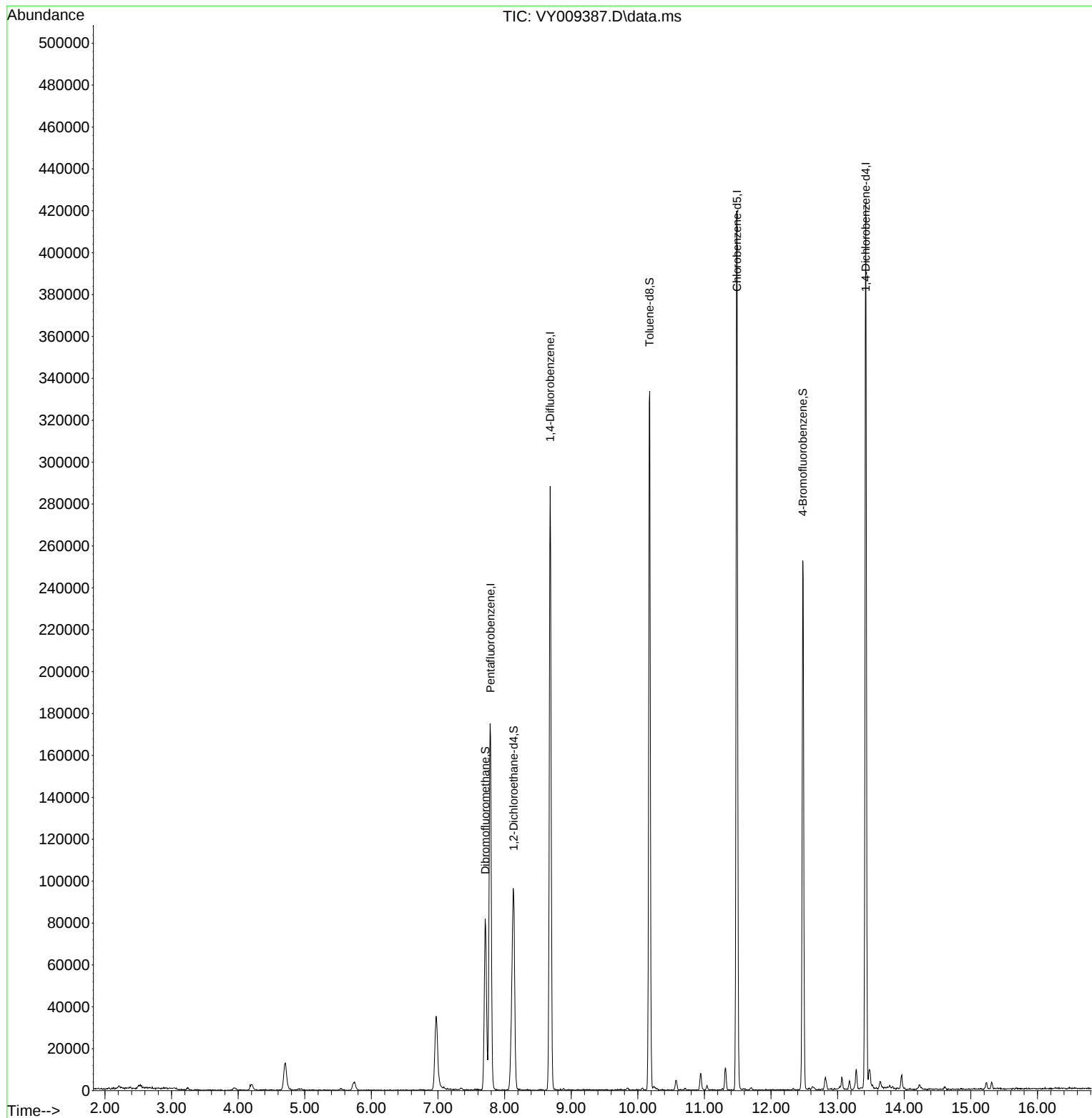
Target Compounds	Qvalue

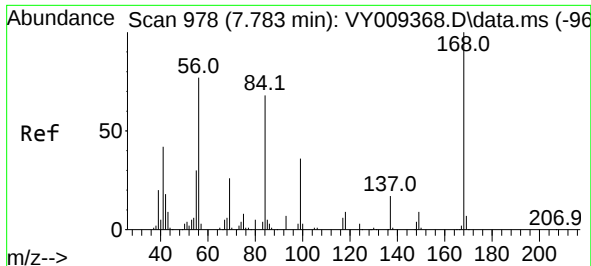
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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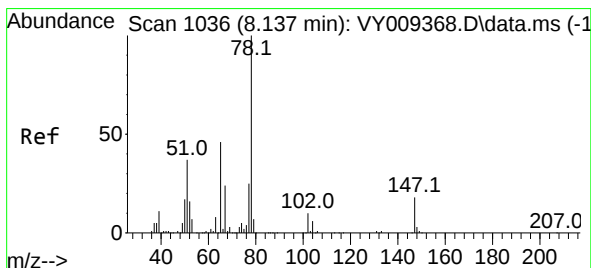
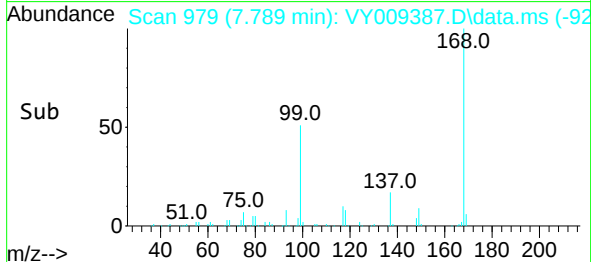
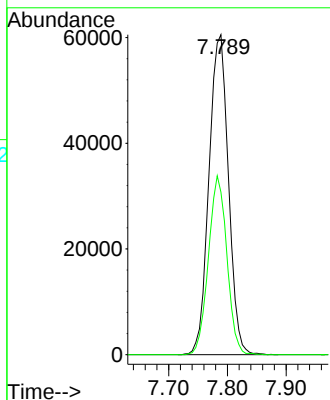
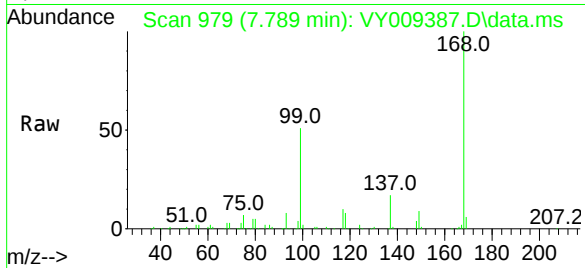




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

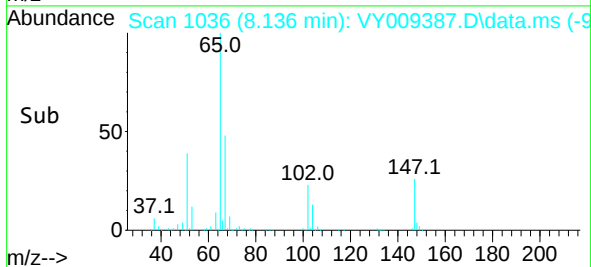
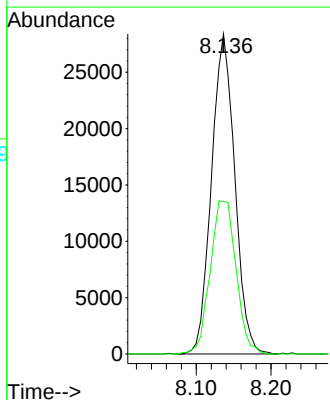
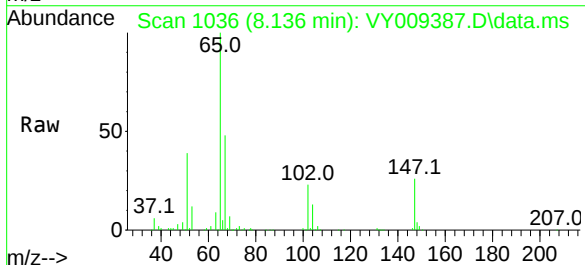
Instrument :
MSVOA_Y
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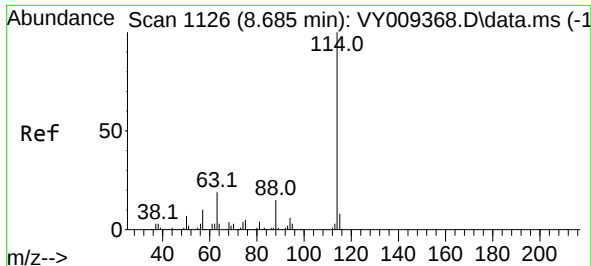
Tgt Ion:168 Resp: 139180
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

Tgt Ion: 65 Resp: 61608
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

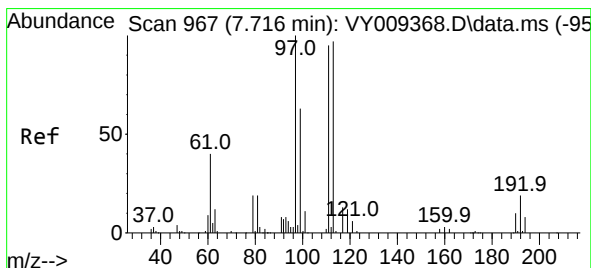
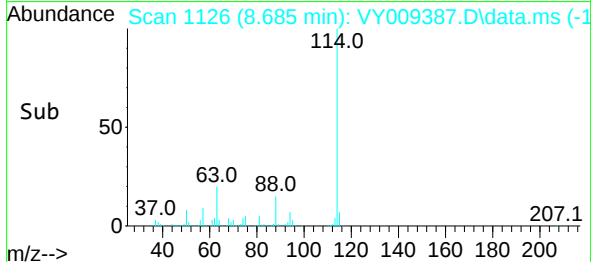
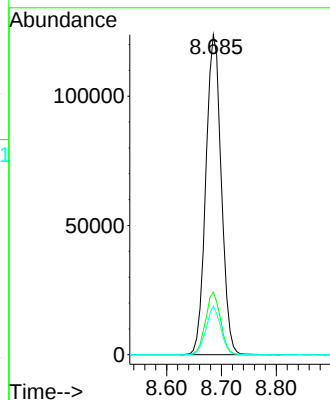
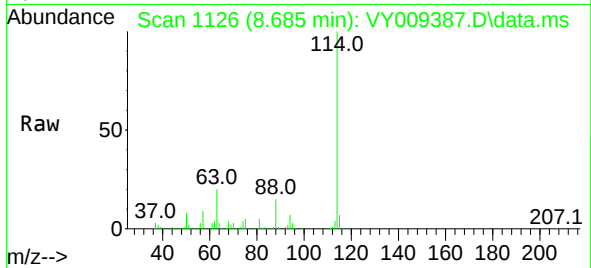




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

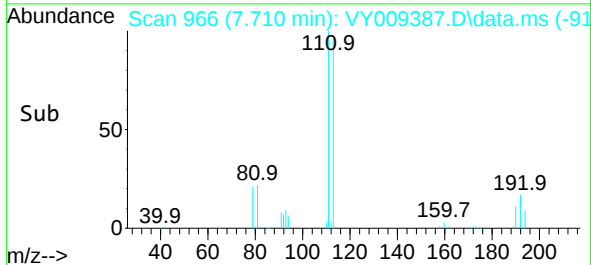
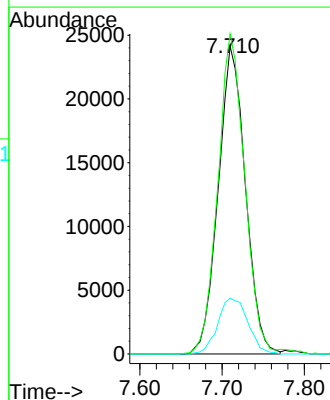
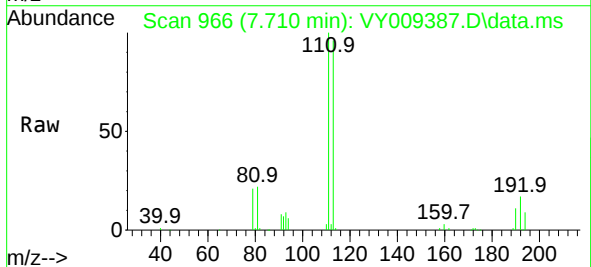
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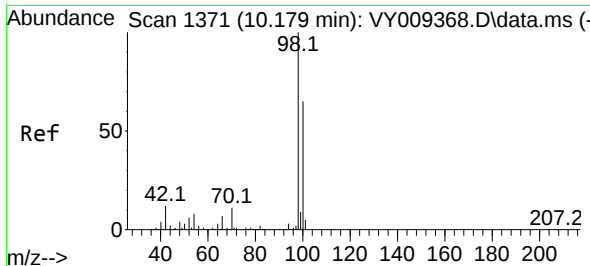
Tgt Ion:114 Resp: 241080
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.705 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

Tgt Ion:113 Resp: 55336
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.0 17.6 26.4

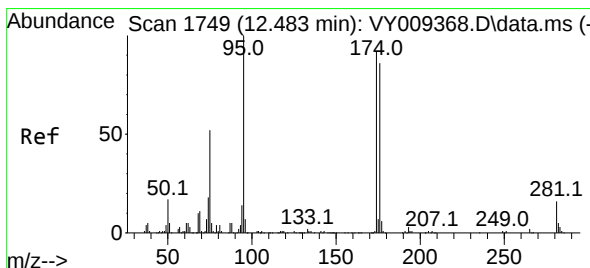
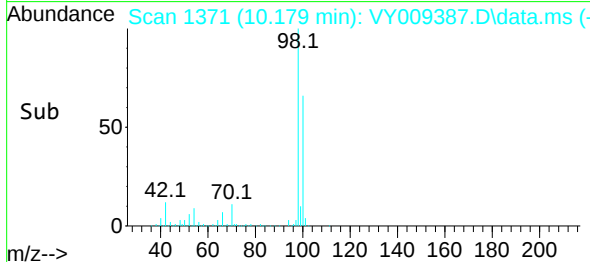
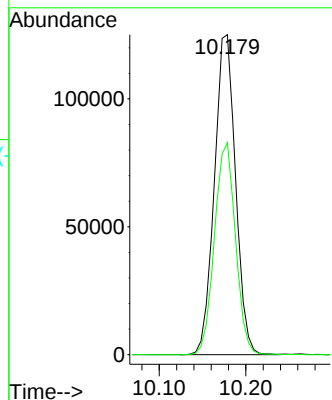
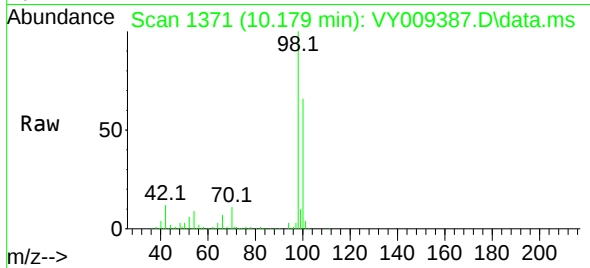




#50
Toluene-d8
Concen: 52.305 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

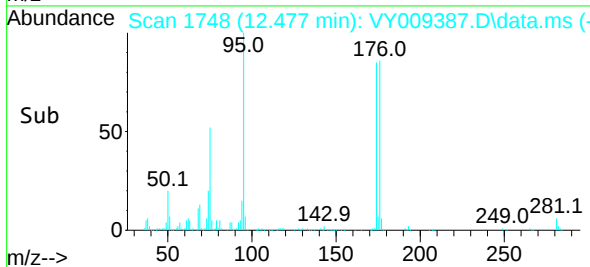
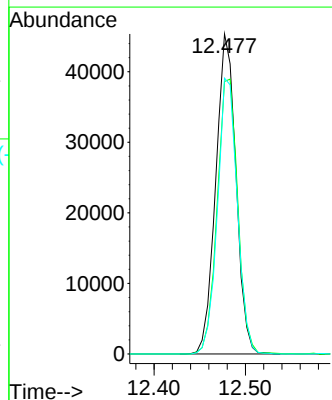
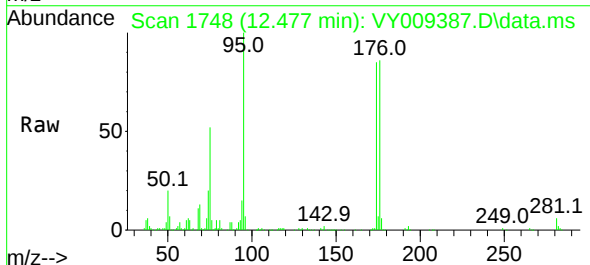
Instrument :
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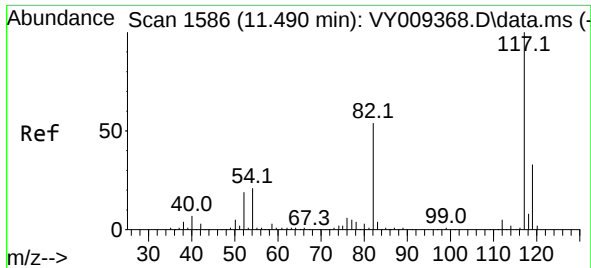
Tgt Ion: 98 Resp: 212784
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

Tgt Ion: 95 Resp: 69494
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.7 0.0 175.8

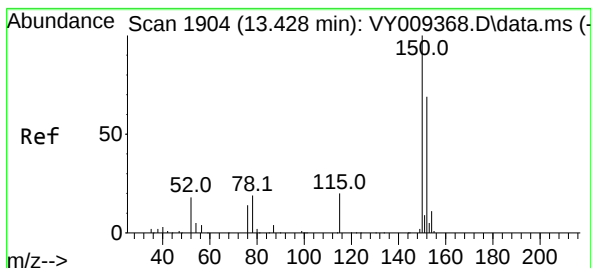
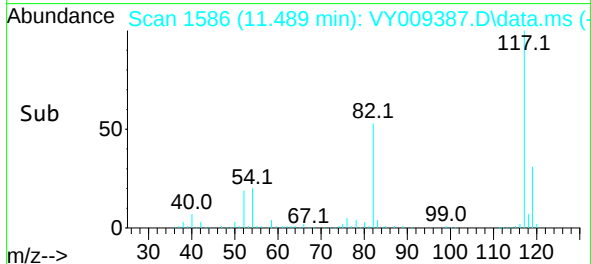
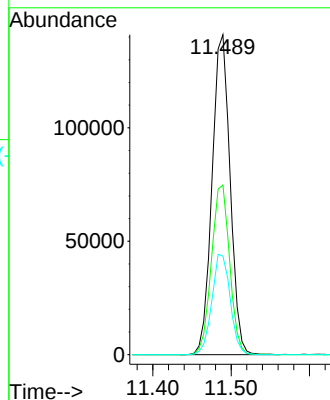
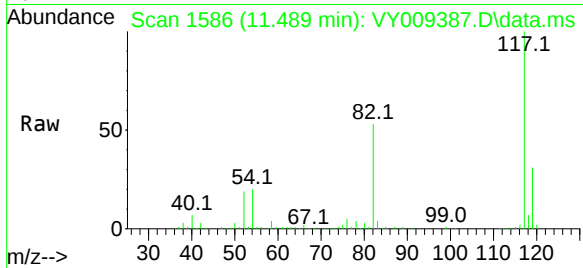




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009387.D
Acq: 29 Jun 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-11.5-20220623

Tgt Ion:117 Resp: 225960
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 30.8 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: VY009387.D
Acq: 29 Jun 2022 20:57

Tgt Ion:152 Resp: 105443
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.5 0.0 347.6

