

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009168.D
 Acq On : 07 Jun 2022 16:51
 Operator : KP/MD
 Sample : N3194-03
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jun 08 07:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	100445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65916	63.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.520%	
35) Dibromofluoromethane	7.710	113	57804	52.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.179	98	220622	54.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	12.477	95	67082	40.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.740%	

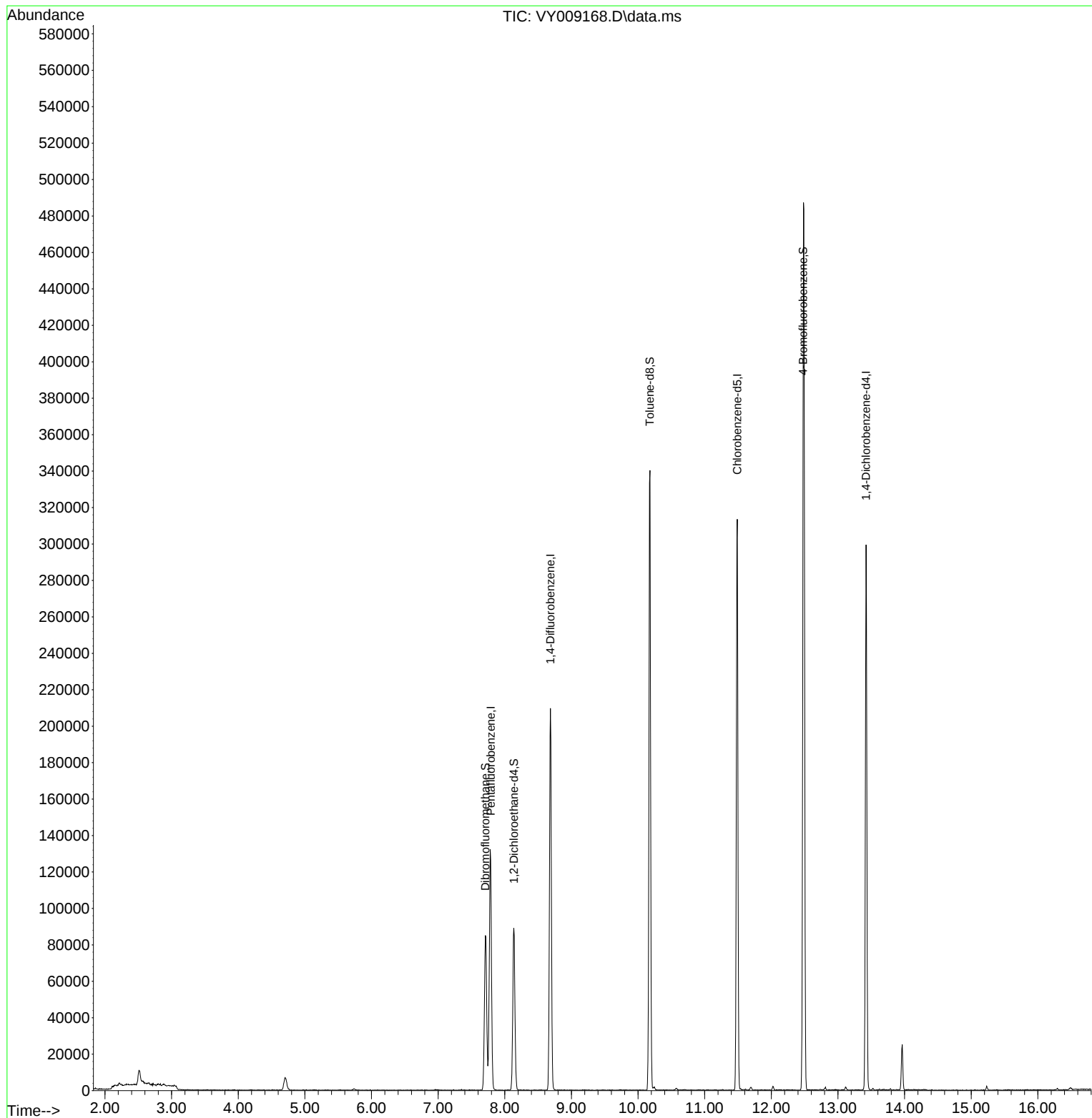
Target Compounds	Qvalue

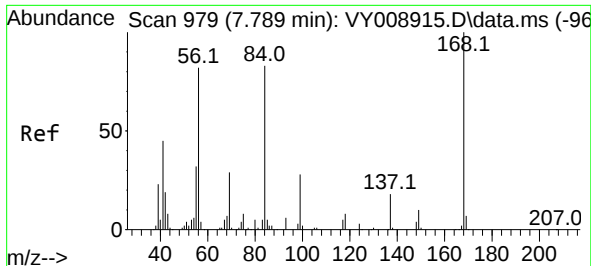
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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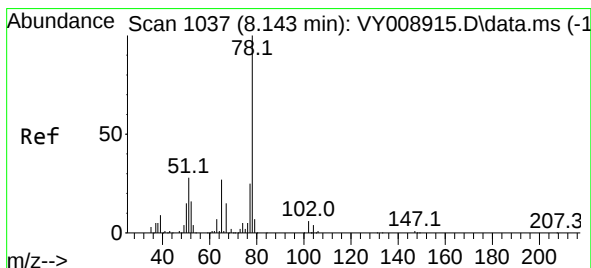
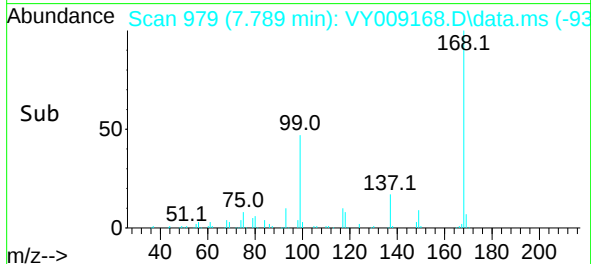
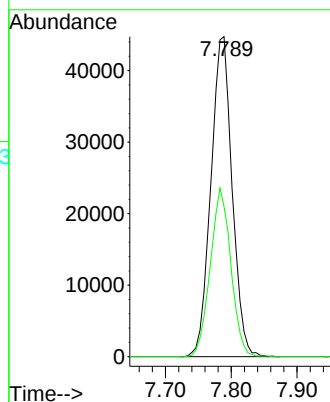
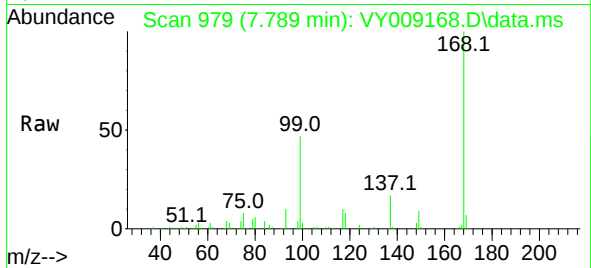




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

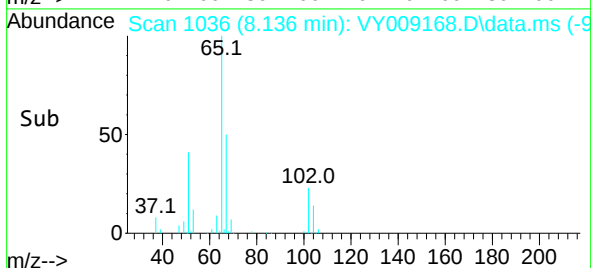
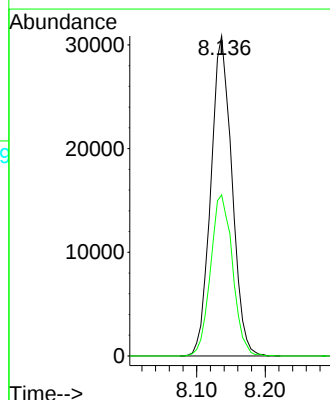
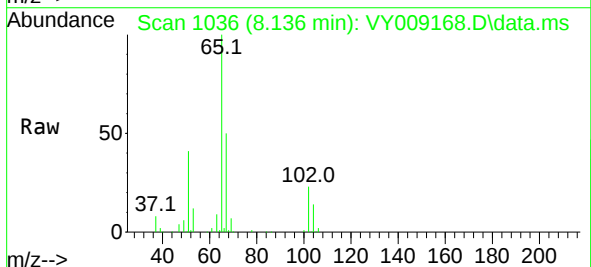
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

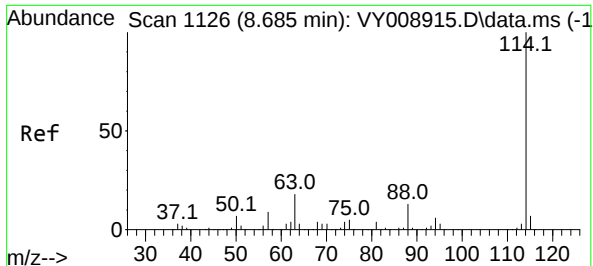
Tgt Ion:168 Resp: 100445
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.763 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 65 Resp: 65916
Ion Ratio Lower Upper
65 100
67 52.6 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: VY009168.D

Acq: 07 Jun 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

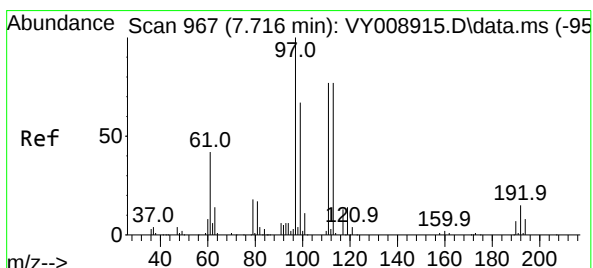
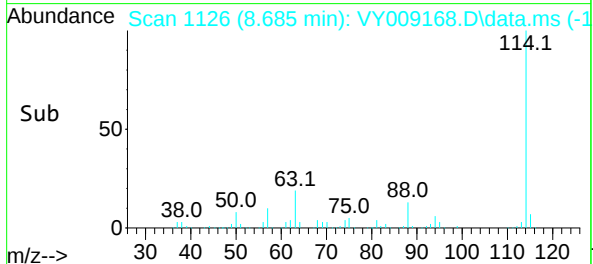
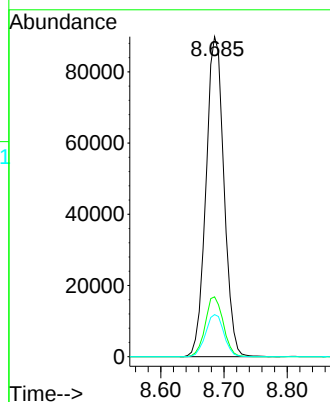
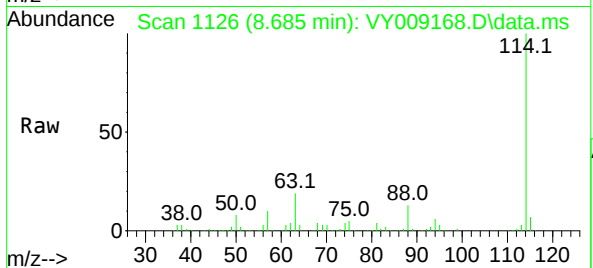
Tgt Ion:114 Resp: 177367

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.409 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009168.D

Acq: 07 Jun 2022 16:51

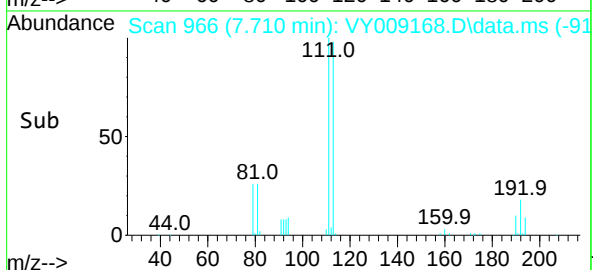
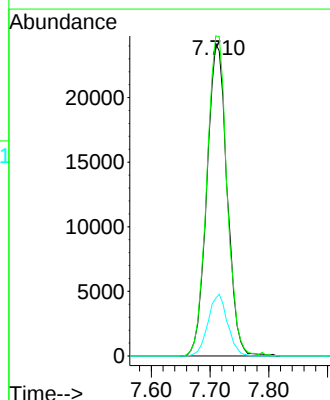
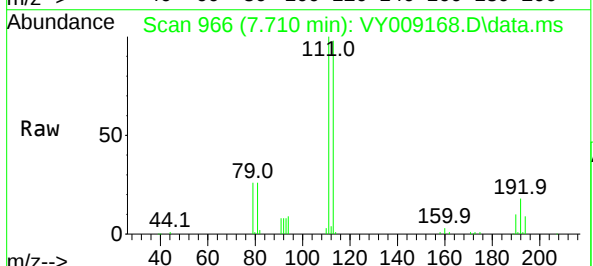
Tgt Ion:113 Resp: 57804

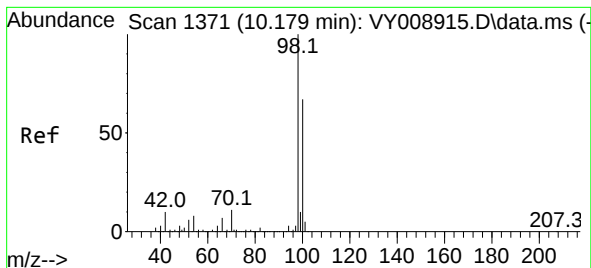
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.0 17.6 26.4

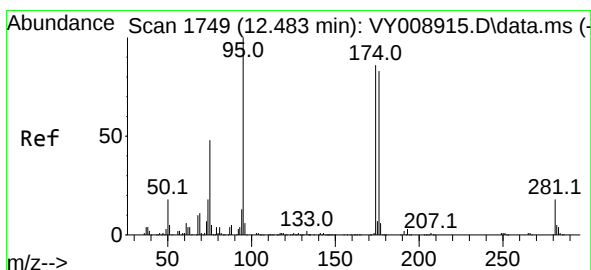
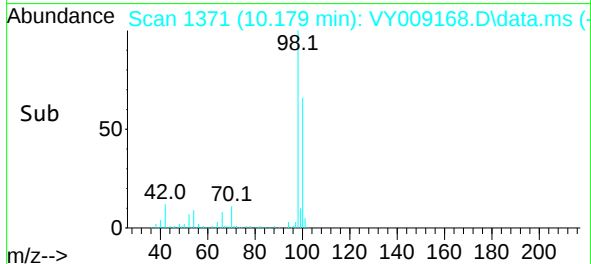
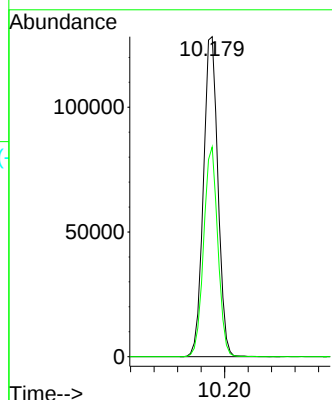
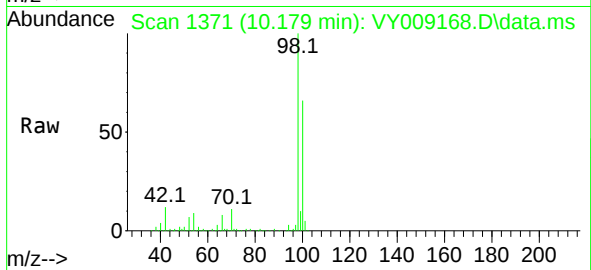




#50
Toluene-d8
Concen: 54.221 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

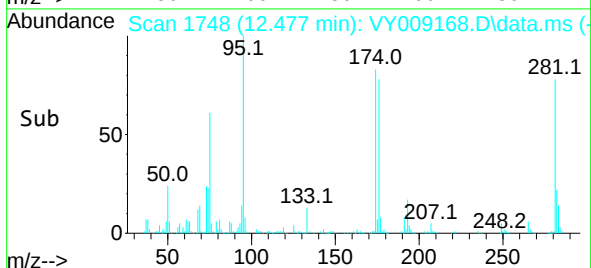
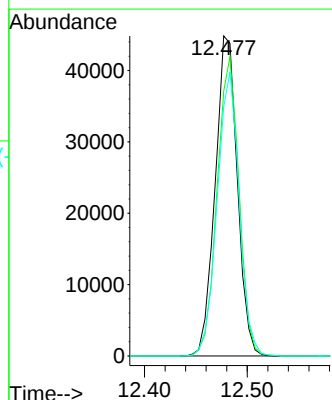
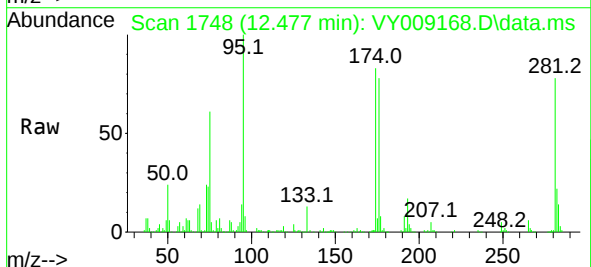
Instrument :
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ClientSampleId :
TP-2

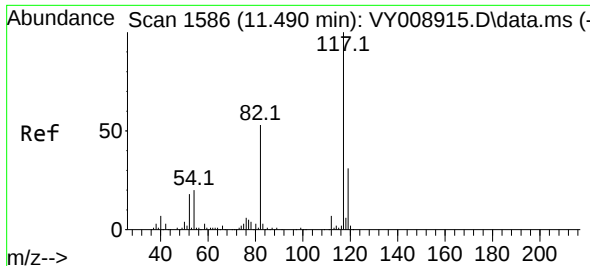
Tgt Ion: 98 Resp: 220622
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.870 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 95 Resp: 67082
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 88.0 0.0 175.8

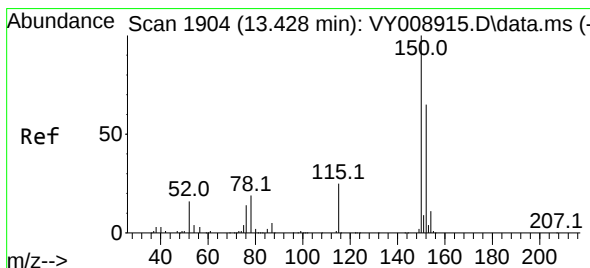
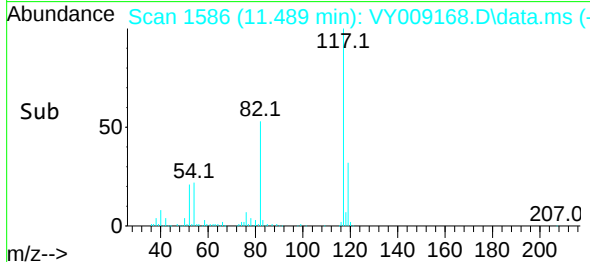
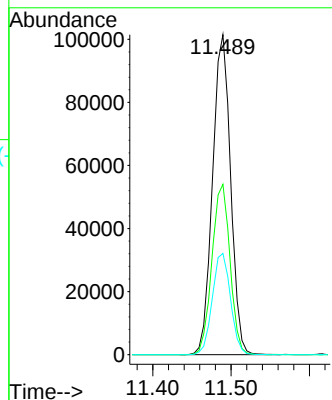
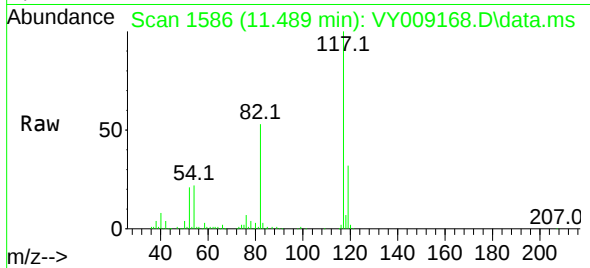




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 162367
Ion Ratio Lower Upper
117 100
82 53.3 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. -0.006 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion:152 Resp: 70287
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 159.4 0.0 347.6

