

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009333.D
 Acq On : 25 Jun 2022 18:52
 Operator : KP/MD
 Sample : N3488-13
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-0-2-20220623

Quant Time: Jun 27 10:32:53 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	156599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96779	85.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.600%#
35) Dibromofluoromethane	7.710	113	83280	56.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.220%
50) Toluene-d8	10.173	98	325509	79.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	159.540%#
62) 4-Bromofluorobenzene	12.477	95	105328	50.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.540%

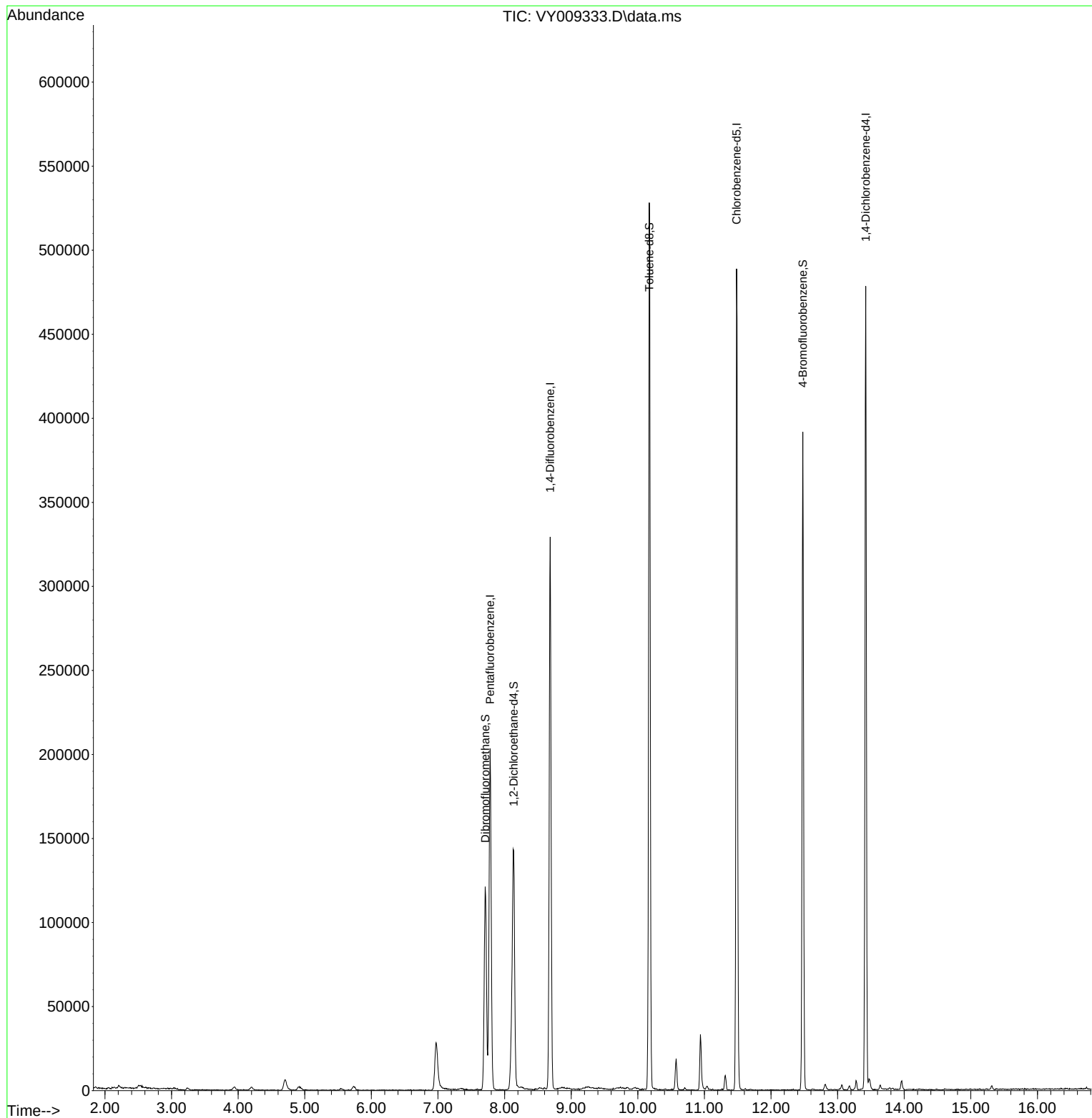
Target Compounds	Qvalue

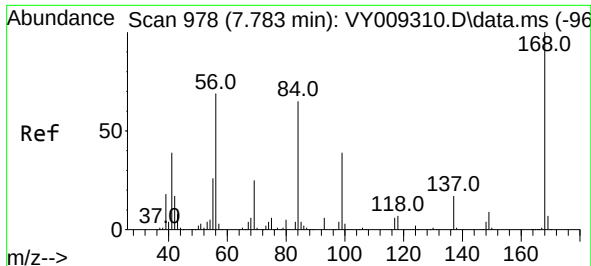
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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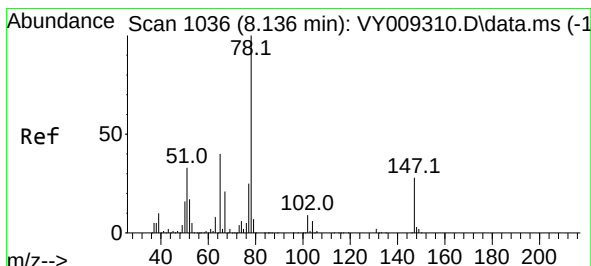
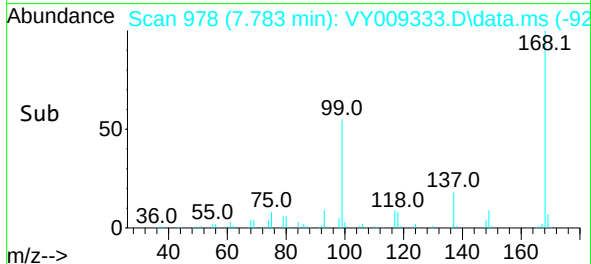
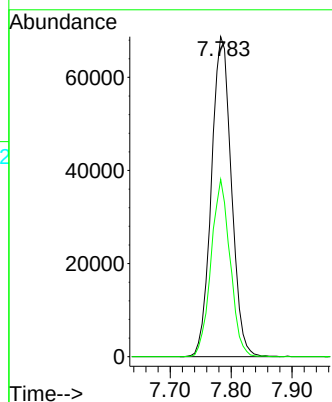
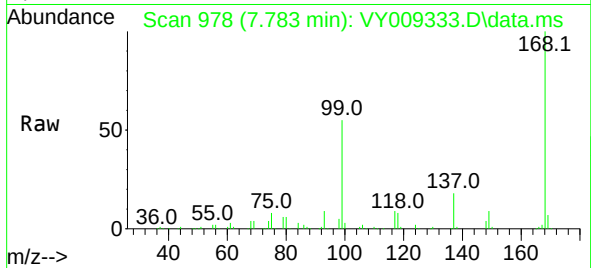




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

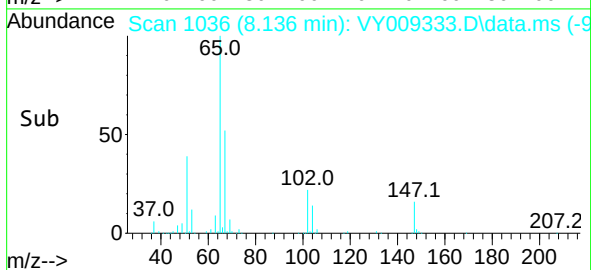
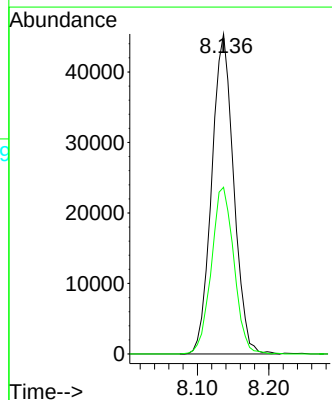
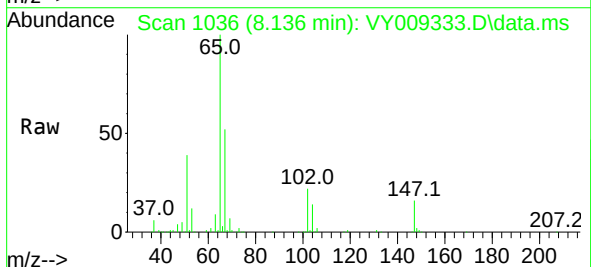
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2-20220623

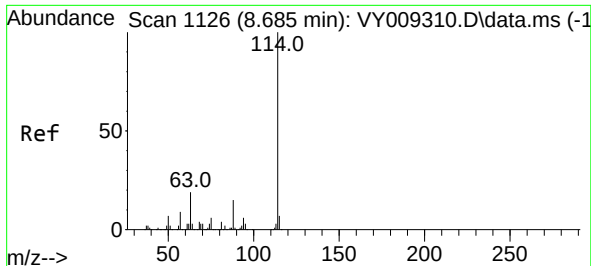
Tgt Ion:168 Resp: 156599
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 85.304 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion: 65 Resp: 96779
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

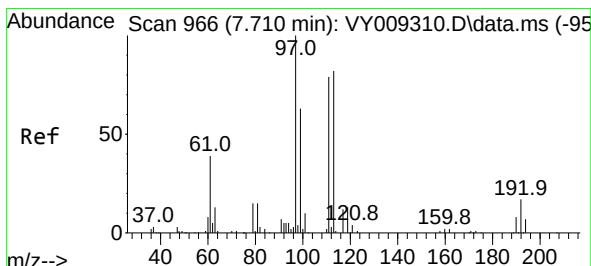
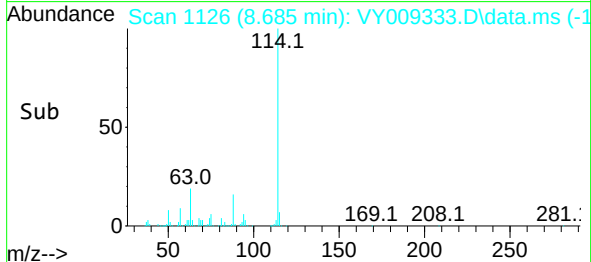
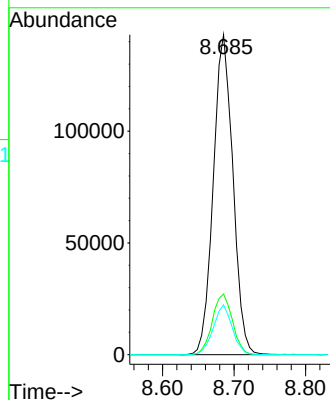
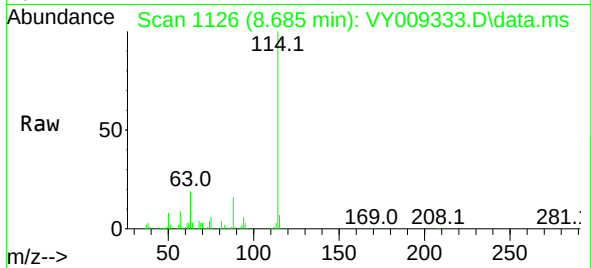




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

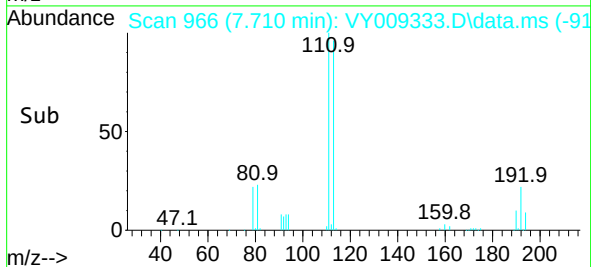
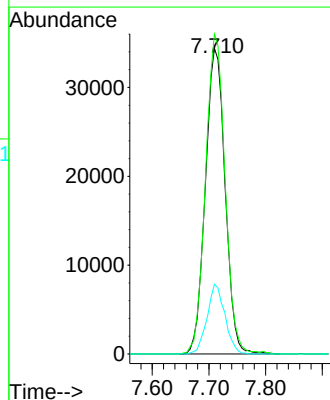
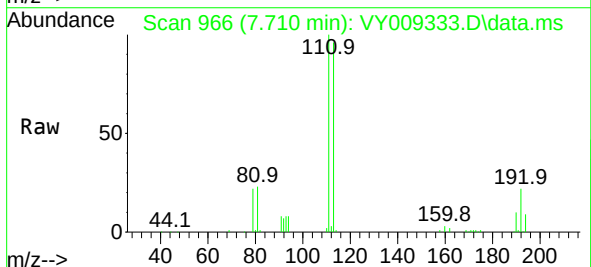
Instrument :
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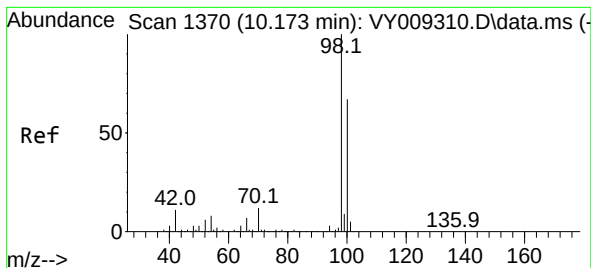
Tgt Ion:114 Resp: 272559
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.0
88 15.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 56.608 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion:113 Resp: 83280
Ion Ratio Lower Upper
113 100
111 103.7 80.6 120.8
192 20.6 16.2 24.4





#50

Toluene-d8

Concen: 79.771 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009333.D

Acq: 25 Jun 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

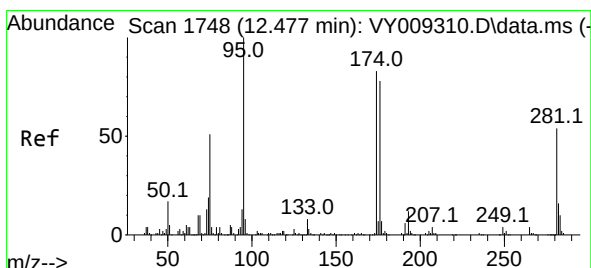
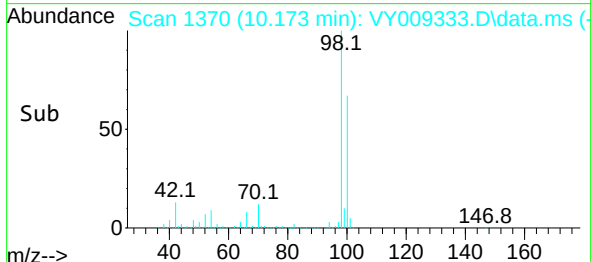
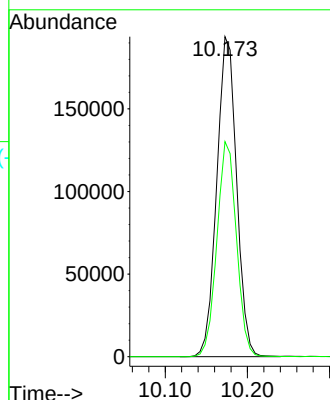
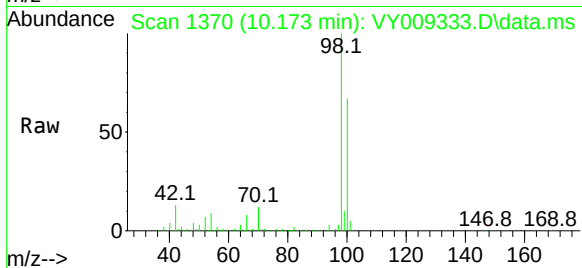
SB-13-0-2-20220623

Tgt Ion: 98 Resp: 325509

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.270 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009333.D

Acq: 25 Jun 2022 18:52

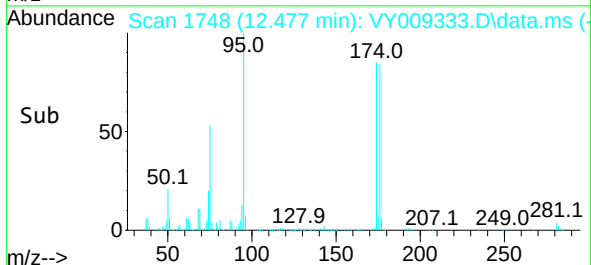
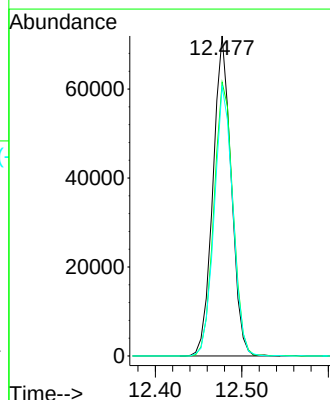
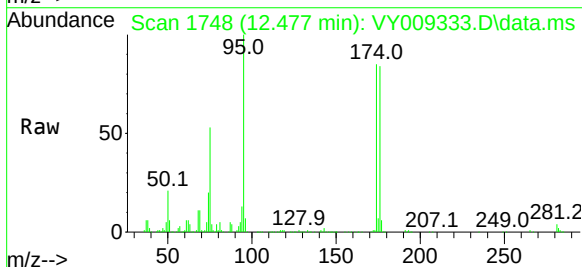
Tgt Ion: 95 Resp: 105328

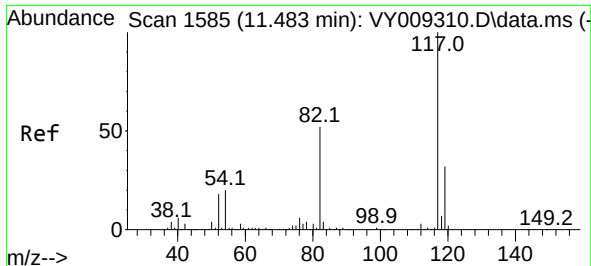
Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.8

176 85.4 0.0 167.0

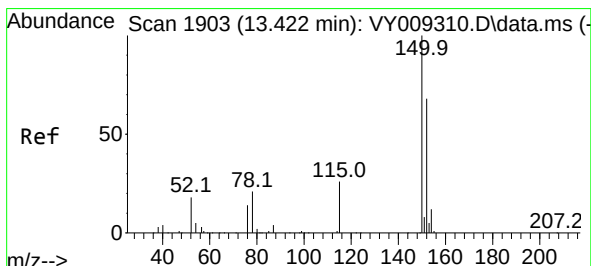
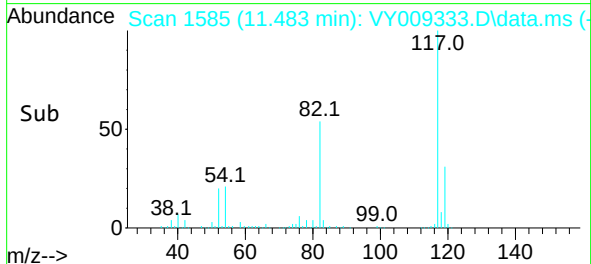
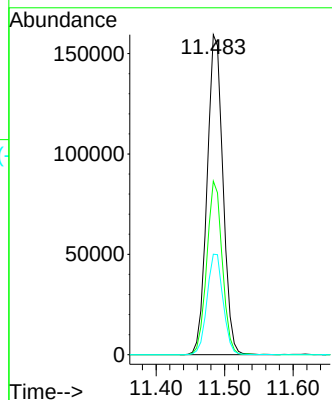
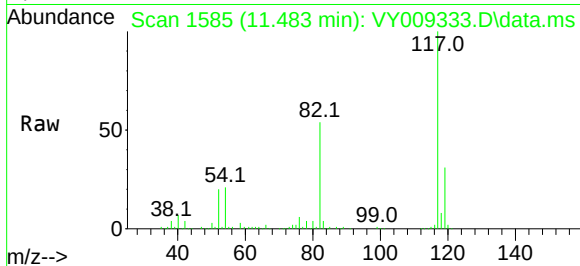




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2-20220623

Tgt Ion:117 Resp: 256582
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 31.4 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: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion:152 Resp: 116428
Ion Ratio Lower Upper
152 100
115 56.4 28.6 85.9
150 159.5 0.0 349.8

