

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009290.D
 Acq On : 23 Jun 2022 13:15
 Operator : KP/MD
 Sample : N3450-02
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-17

Quant Time: Jun 24 09:22:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115894	50.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.760%
35) Dibromofluoromethane	7.716	113	109662	46.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.980%
50) Toluene-d8	10.179	98	431097	47.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.477	95	144204	45.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.560%

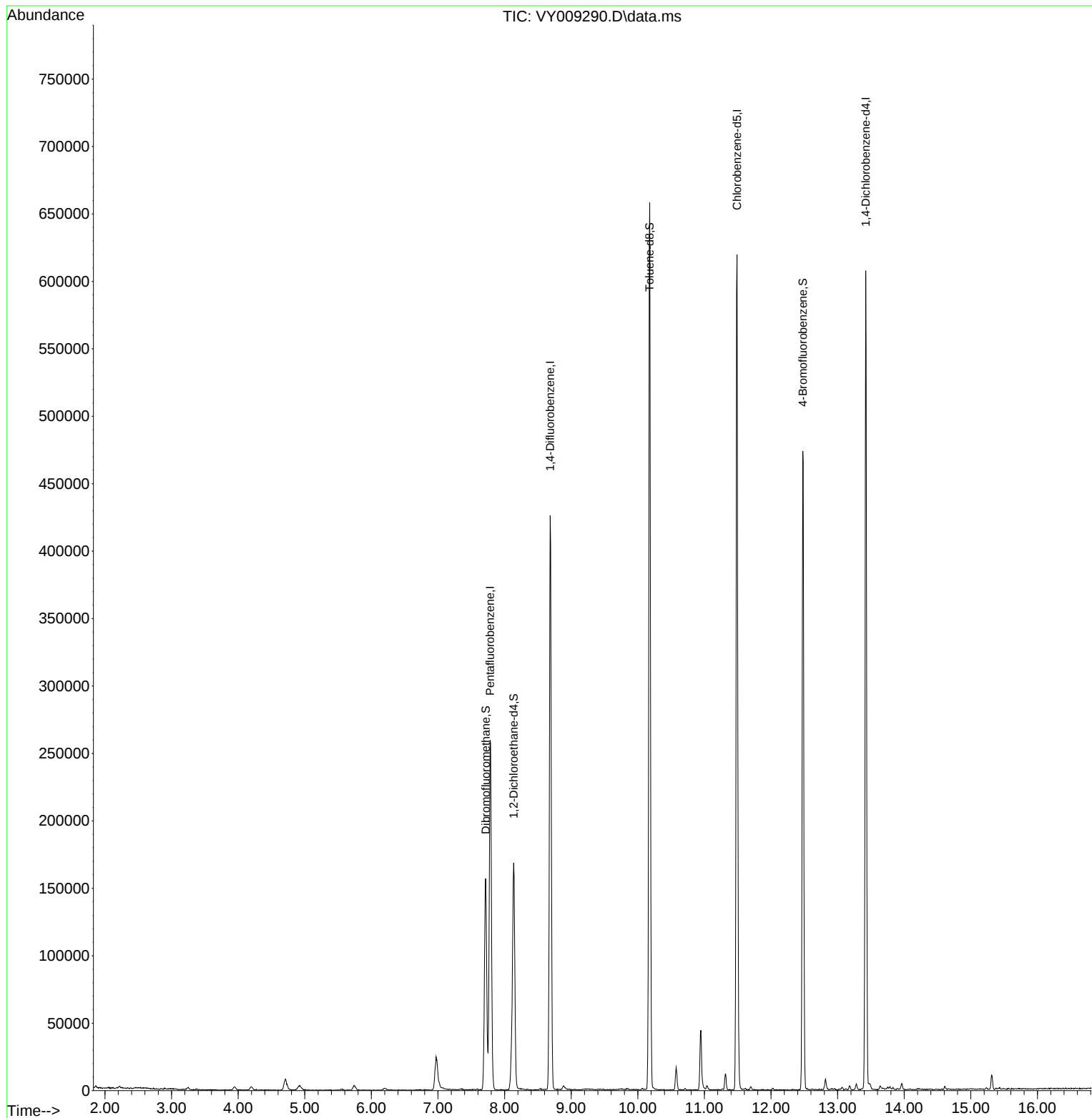
Target Compounds	Qvalue

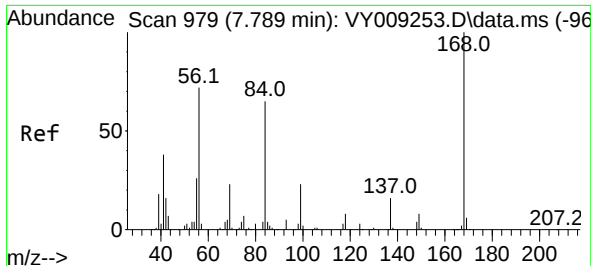
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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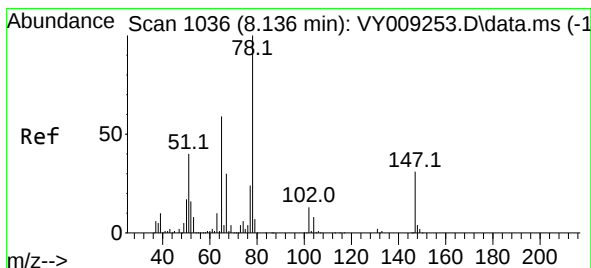
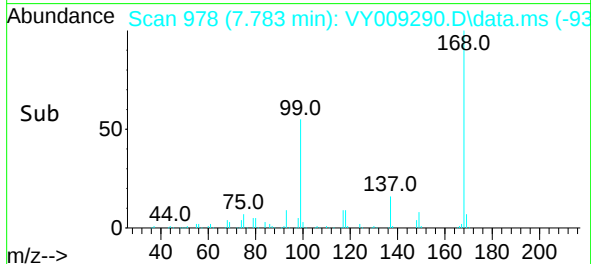
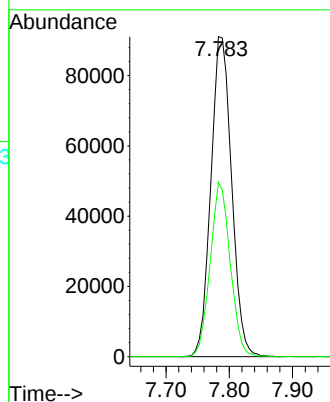
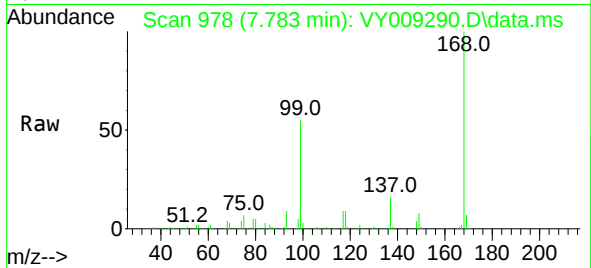




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

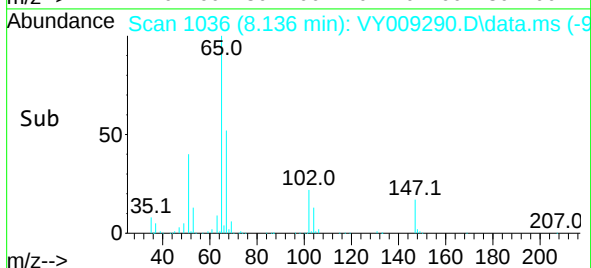
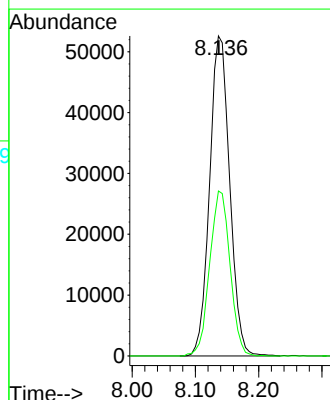
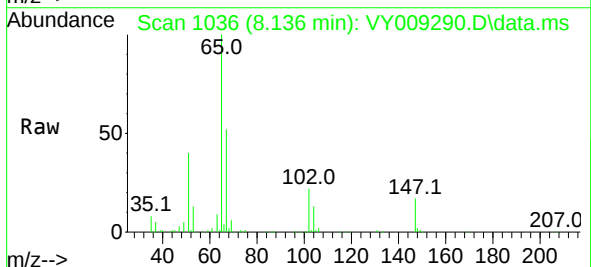
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

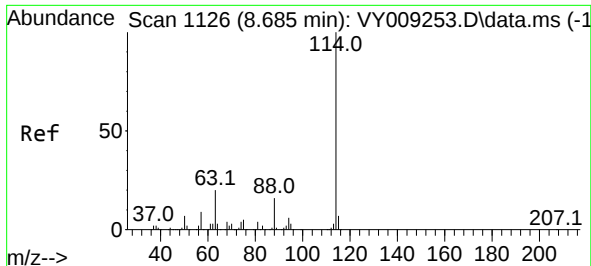
Tgt Ion:168 Resp: 207382
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.884 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 65 Resp: 115894
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

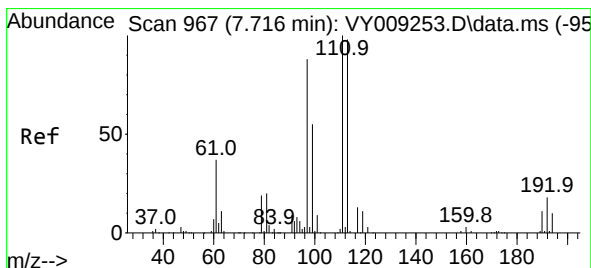
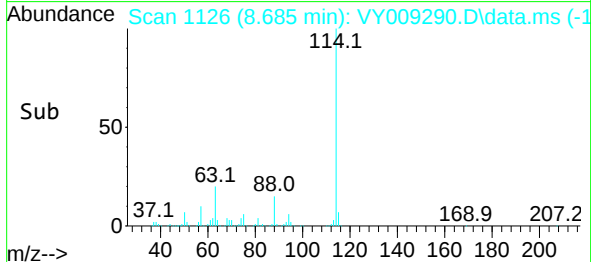
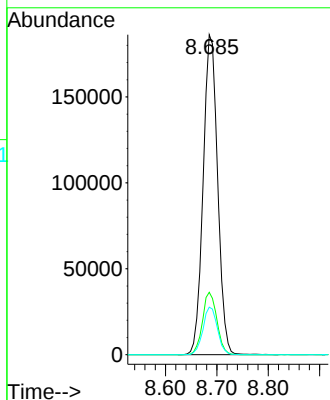
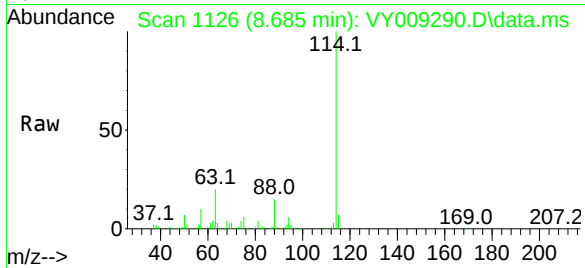




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

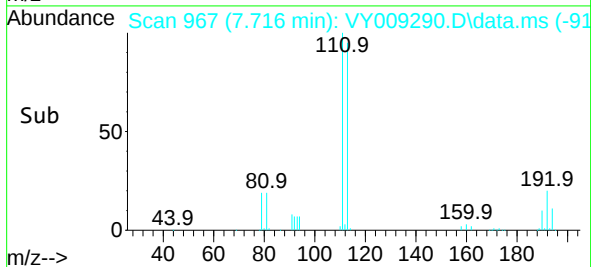
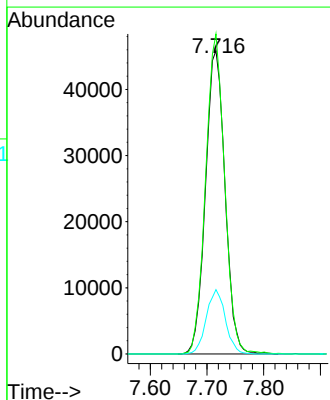
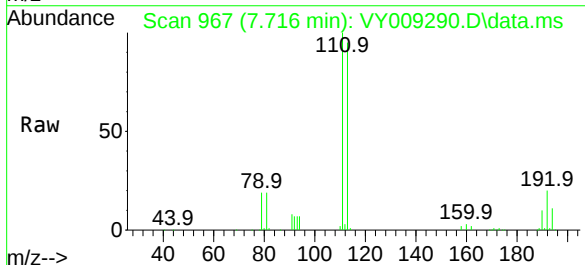
Instrument :
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ClientSampleId :
PH1-BOT-17

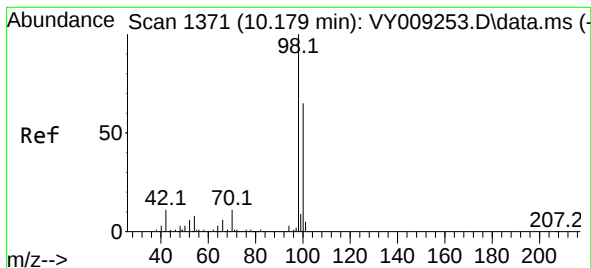
Tgt Ion:114 Resp: 364268
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.485 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion:113 Resp: 109662
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.7 17.6 26.4

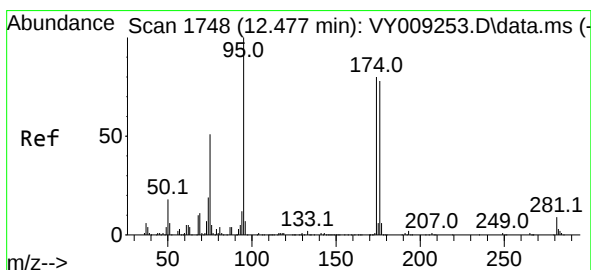
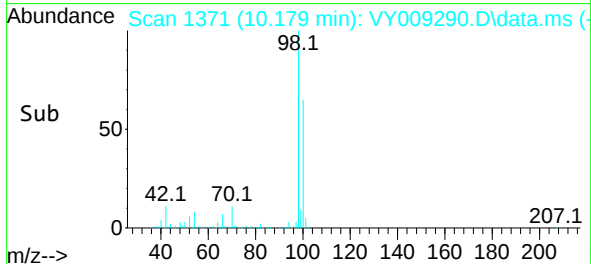
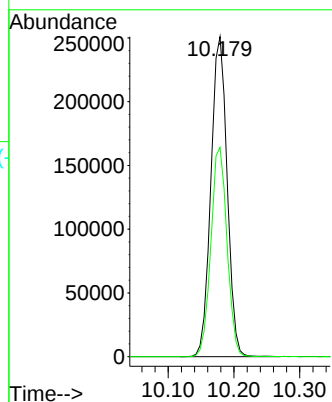
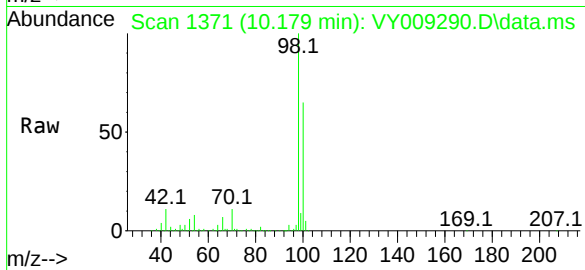




#50
Toluene-d8
Concen: 47.570 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

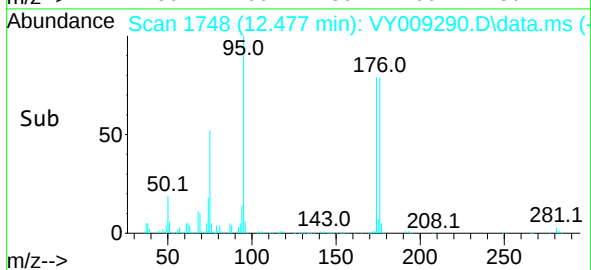
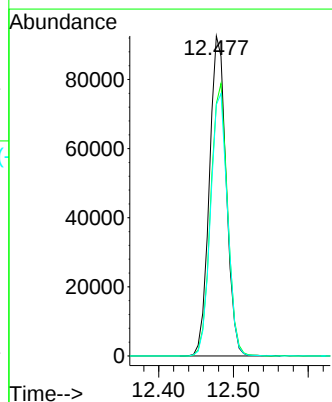
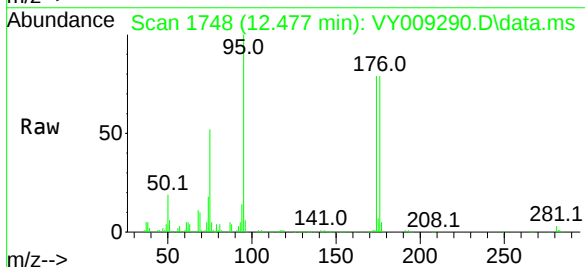
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

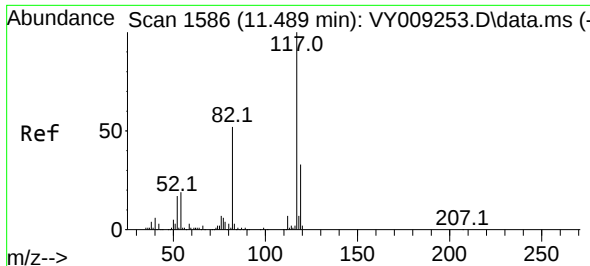
Tgt Ion: 98 Resp: 431097
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.284 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion: 95 Resp: 144204
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.7 0.0 175.8

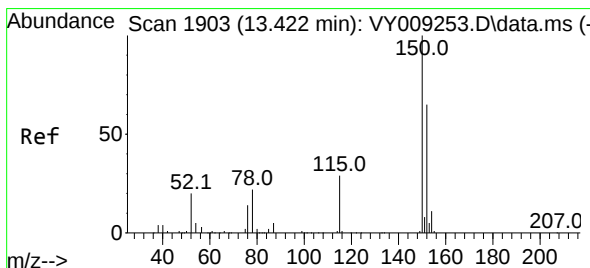
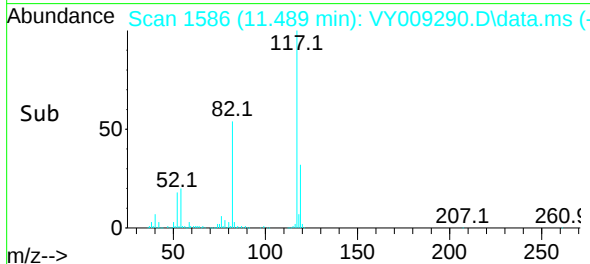
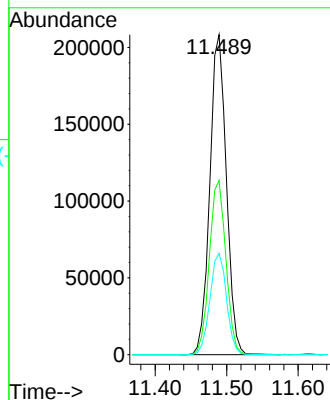
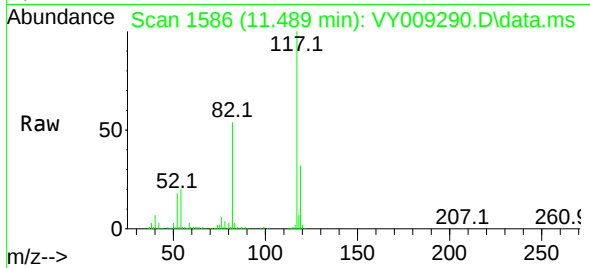




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-17

Tgt Ion:117 Resp: 334802
Ion Ratio Lower Upper
117 100
82 54.4 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. 0.000 min
Lab File: VY009290.D
Acq: 23 Jun 2022 13:15

Tgt Ion:152 Resp: 154176
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 155.7 0.0 347.6

