

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009914.D
 Acq On : 09 Aug 2022 12:59
 Operator : KP/MD
 Sample : N4091-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Aug 09 23:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	62950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28219	58.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.420%
35) Dibromofluoromethane	7.710	113	26672	38.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.520%
50) Toluene-d8	10.173	98	110133	52.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.477	95	42703	43.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.740%

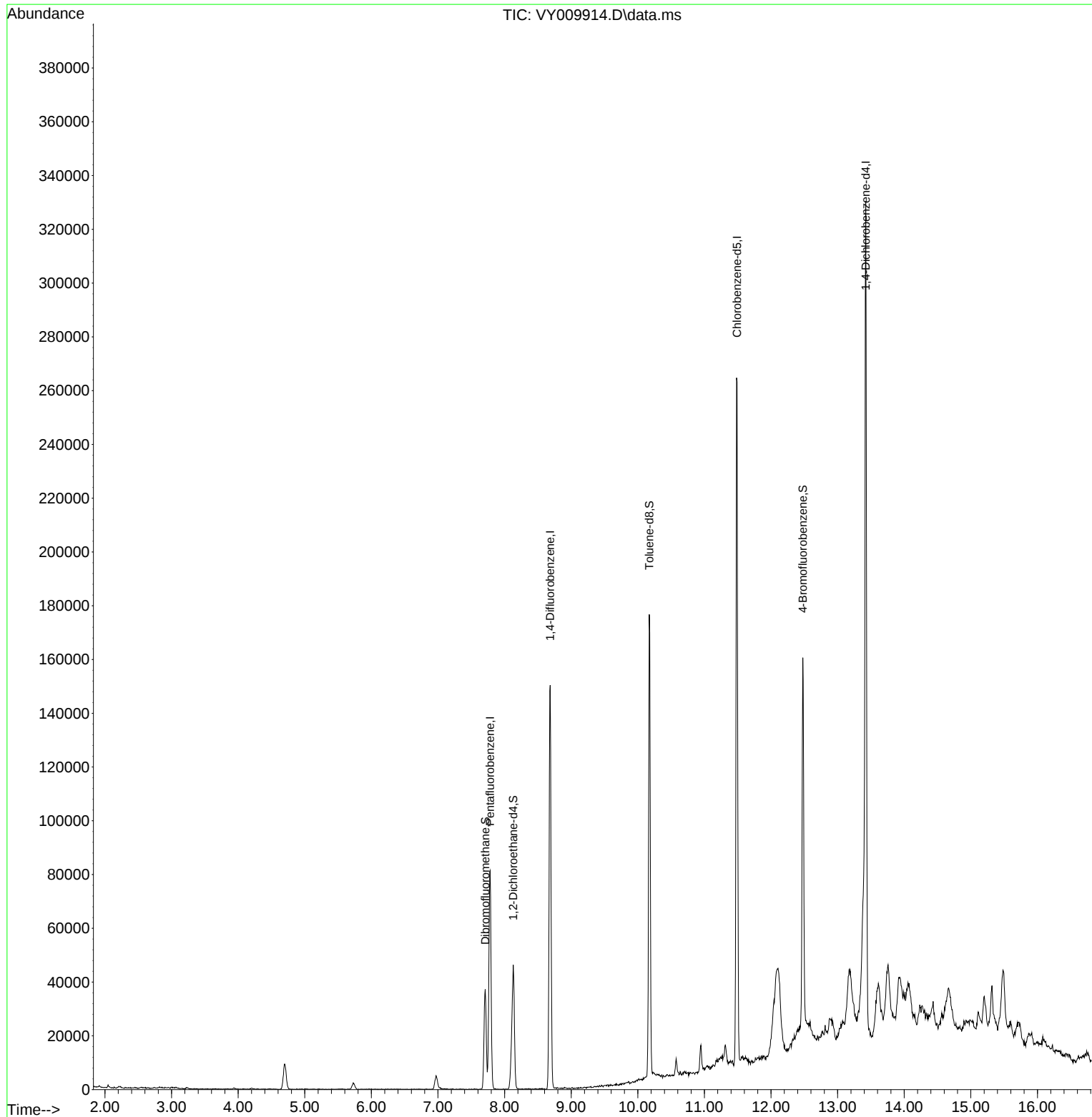
Target Compounds	Qvalue

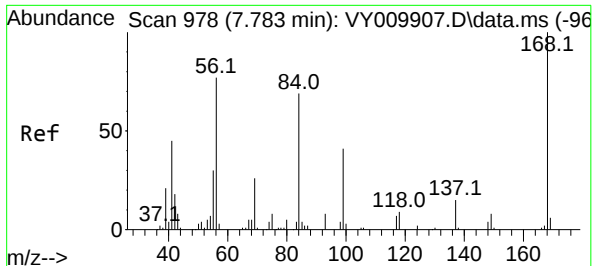
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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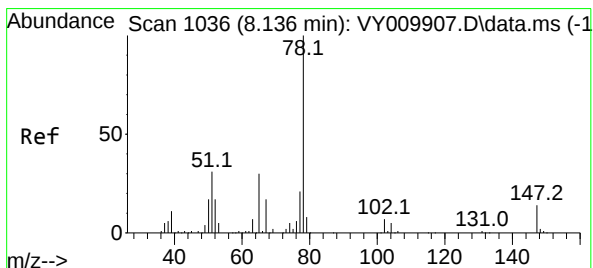
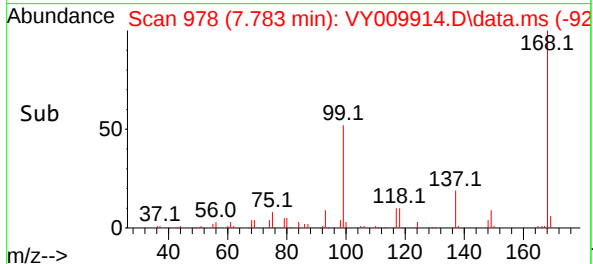
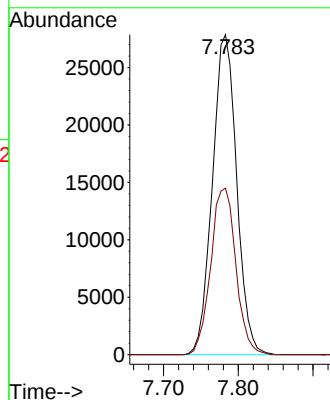
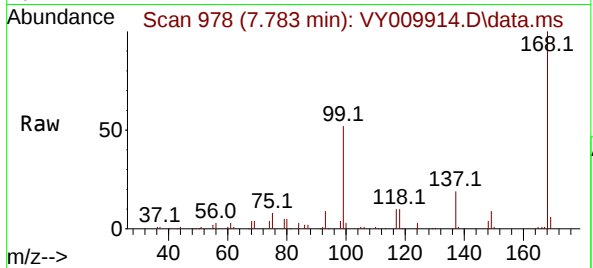




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

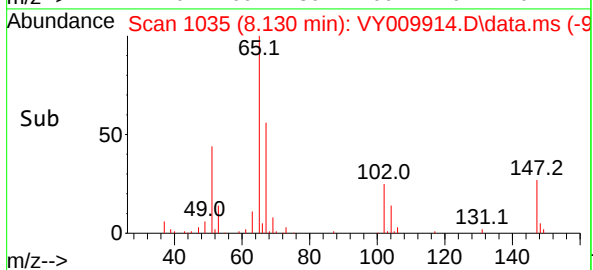
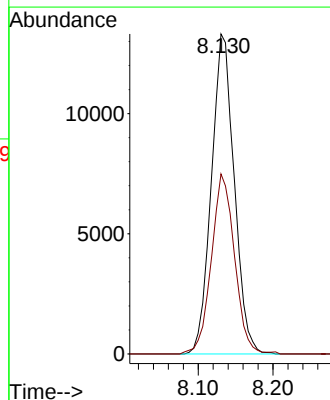
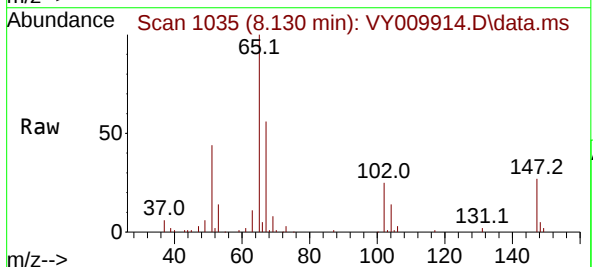
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

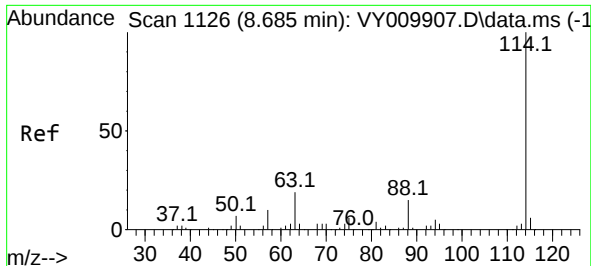
Tgt Ion:168 Resp: 62950
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 58.205 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 65 Resp: 28219
Ion Ratio Lower Upper
65 100
67 57.2 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: VY009914.D

Acq: 09 Aug 2022 12:59

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

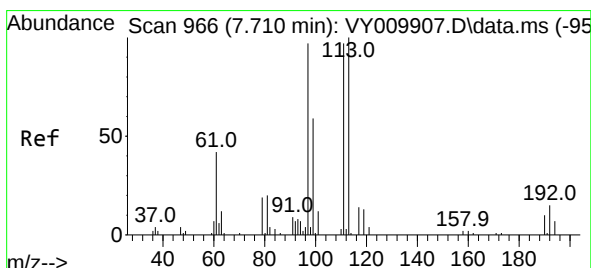
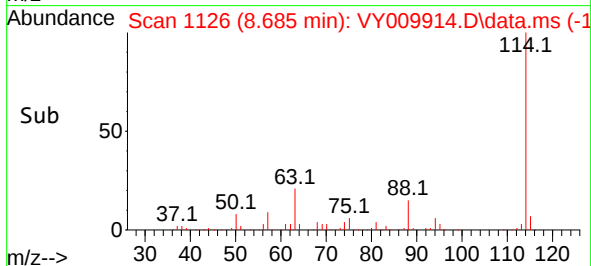
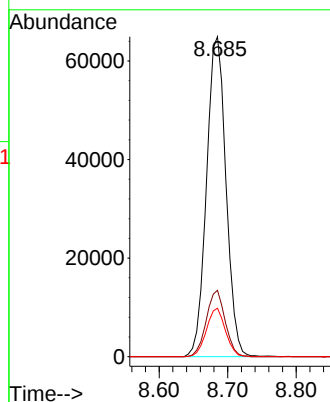
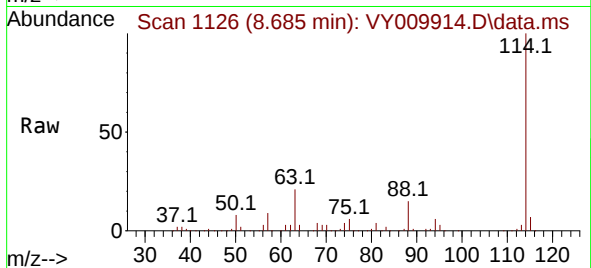
Tgt Ion:114 Resp: 128420

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.260 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009914.D

Acq: 09 Aug 2022 12:59

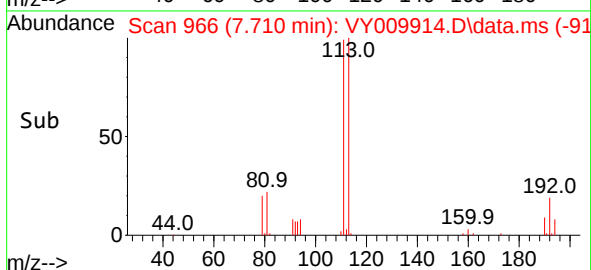
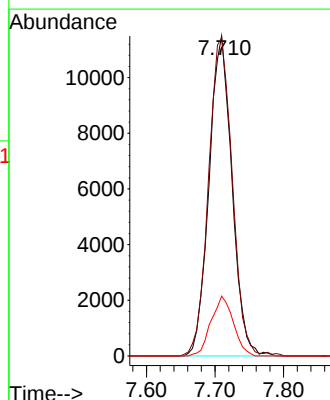
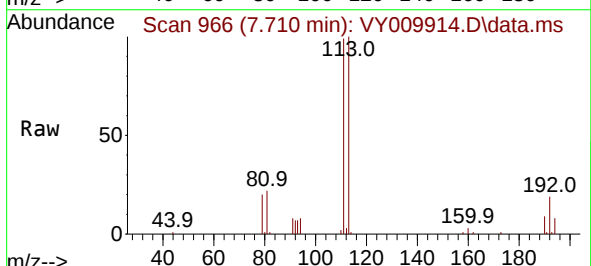
Tgt Ion:113 Resp: 26672

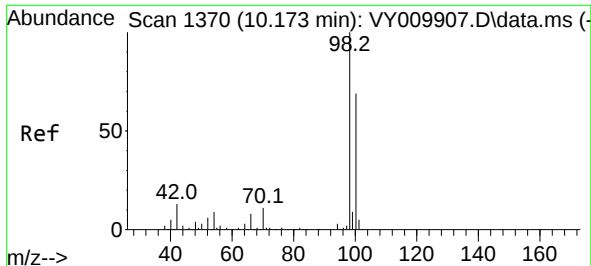
Ion Ratio Lower Upper

113 100

111 103.0 80.6 120.8

192 18.2 16.2 24.4

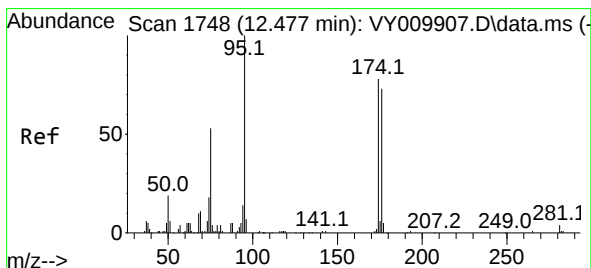
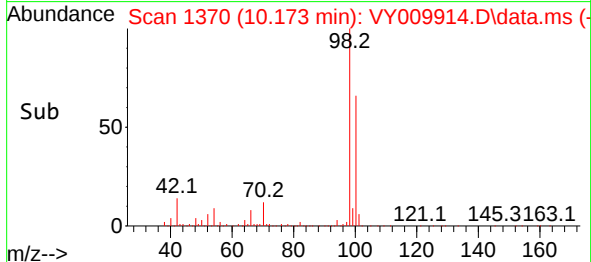
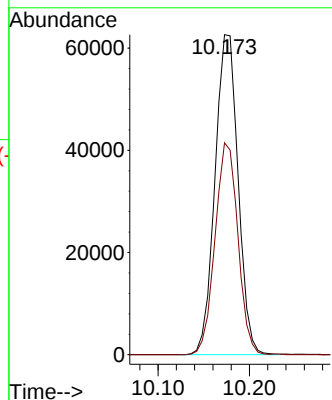
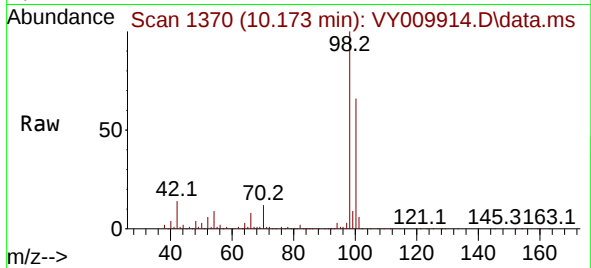




#50
Toluene-d8
Concen: 52.488 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

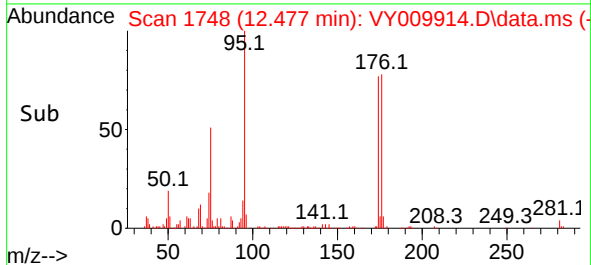
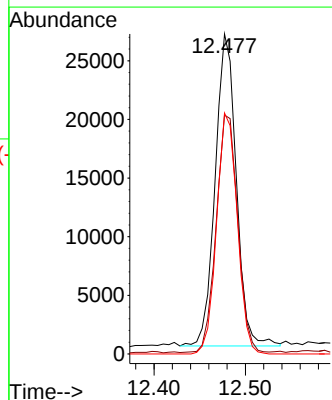
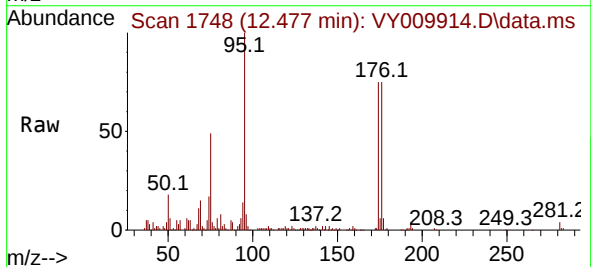
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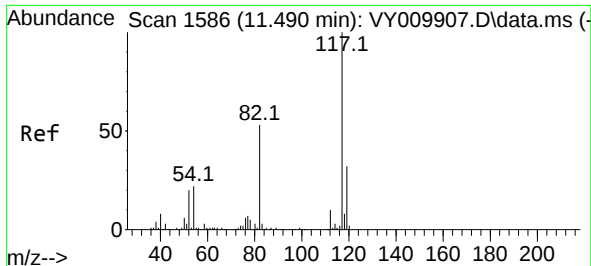
Tgt Ion: 98 Resp: 110133
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 95 Resp: 42703
Ion Ratio Lower Upper
95 100
174 77.8 0.0 173.8
176 75.5 0.0 167.0

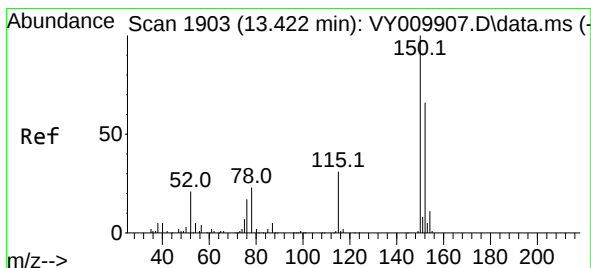
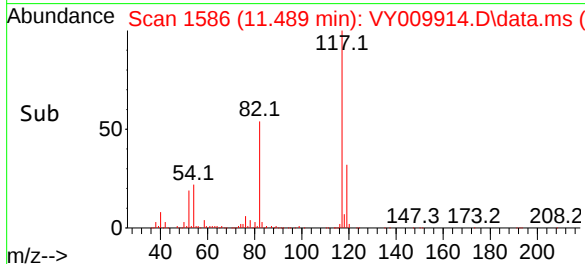
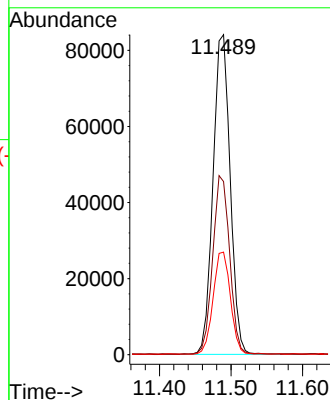
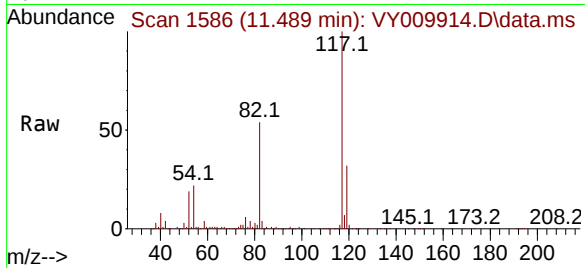




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

Tgt Ion:117 Resp: 139855
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.6
119 31.9 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: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion:152 Resp: 71415
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.9
150 157.2 0.0 349.8

