

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009917.D
 Acq On : 09 Aug 2022 14:11
 Operator : KP/MD
 Sample : N4091-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164717

Quant Time: Aug 09 23:05:28 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	7.777	168	65769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28967	57.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.140%
35) Dibromofluoromethane	7.710	113	26331	36.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.820%
50) Toluene-d8	10.173	98	96494	43.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.240%
62) 4-Bromofluorobenzene	12.477	95	32377	32.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.120%

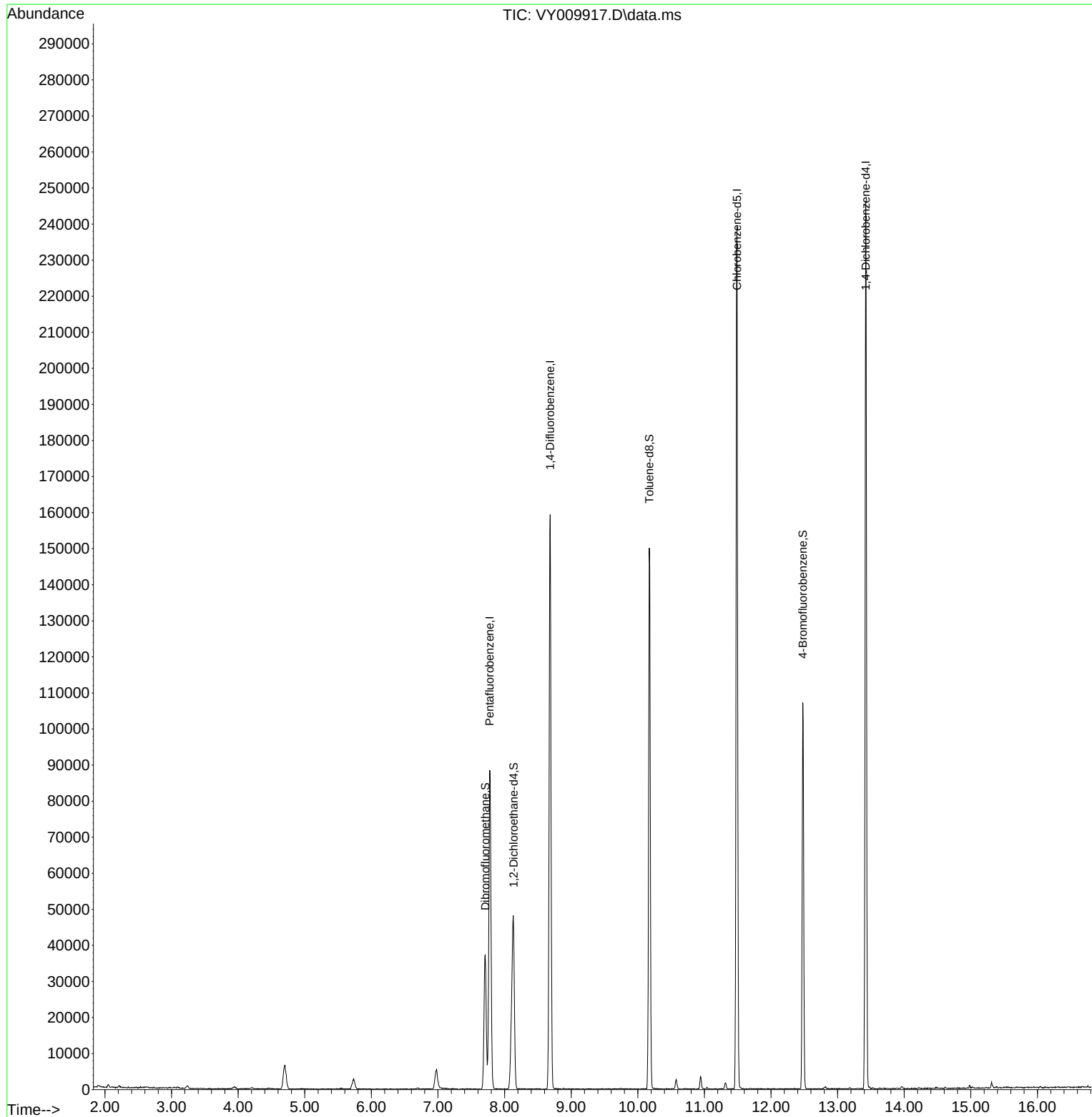
Target Compounds	Qvalue

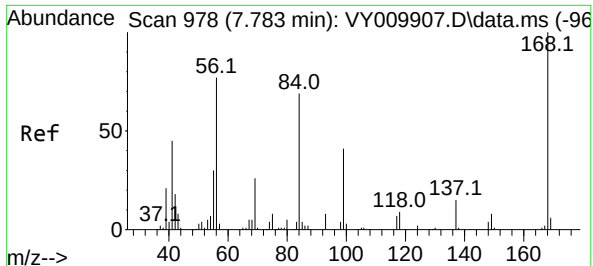
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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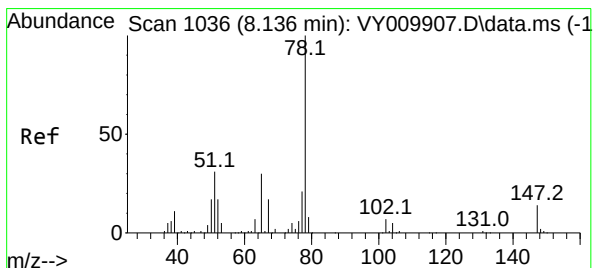
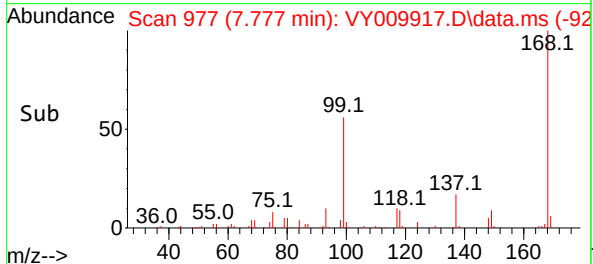
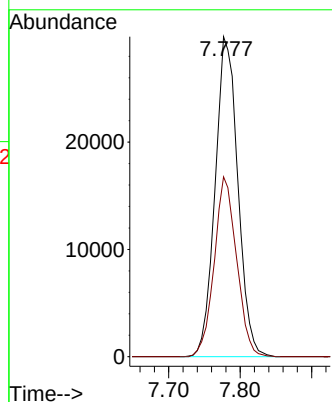
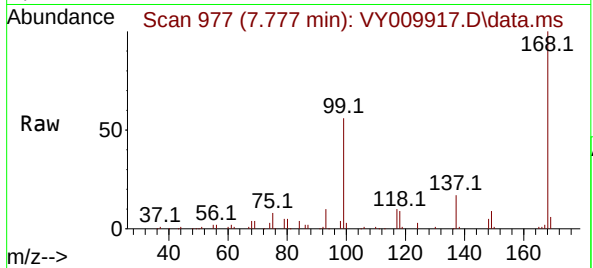




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

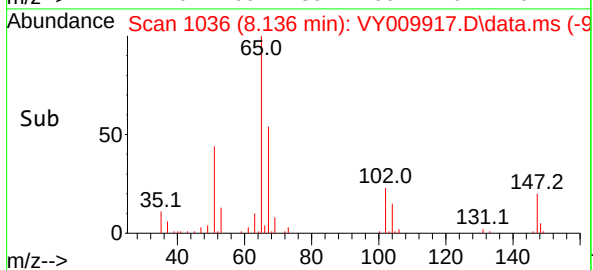
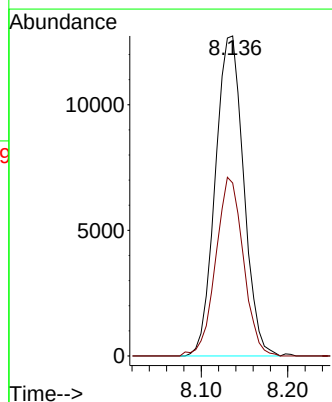
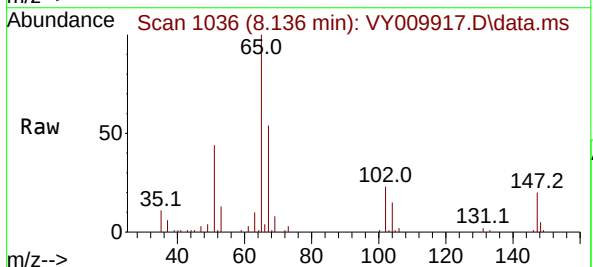
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

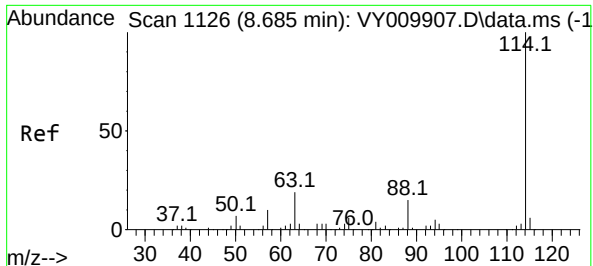
Tgt Ion:168 Resp: 65769
Ion Ratio Lower Upper
168 100
99 56.2 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 57.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 65 Resp: 28967
Ion Ratio Lower Upper
65 100
67 54.5 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: VY009917.D

Acq: 09 Aug 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164717

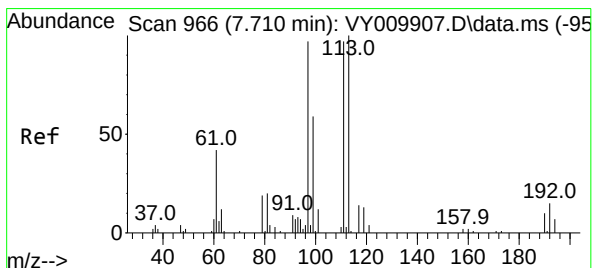
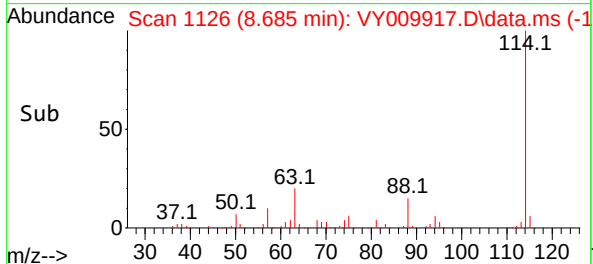
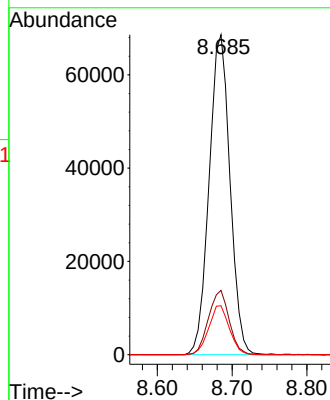
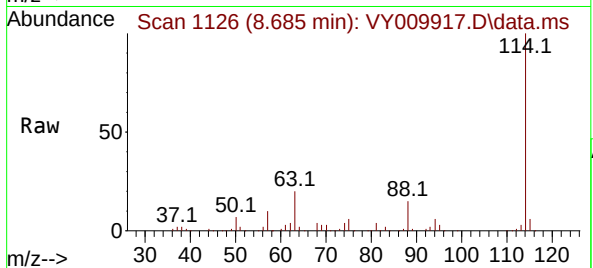
Tgt Ion:114 Resp: 133222

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 36.410 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009917.D

Acq: 09 Aug 2022 14:11

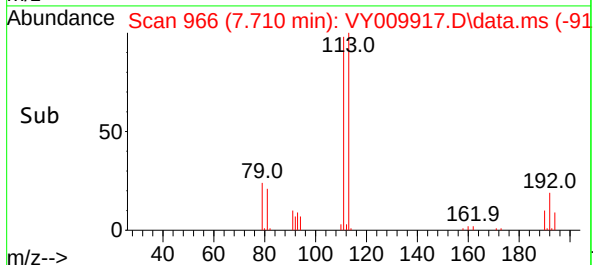
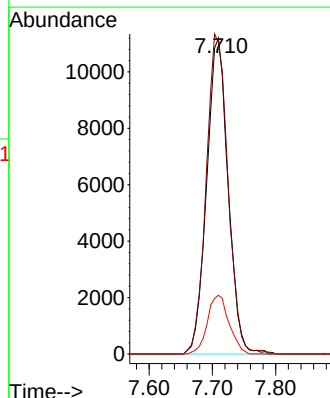
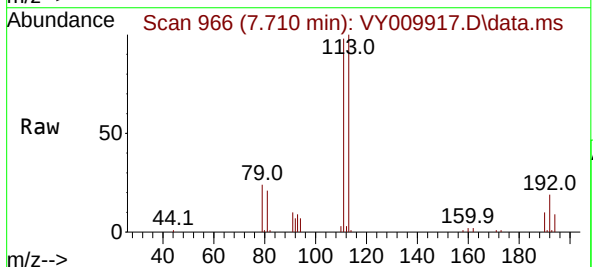
Tgt Ion:113 Resp: 26331

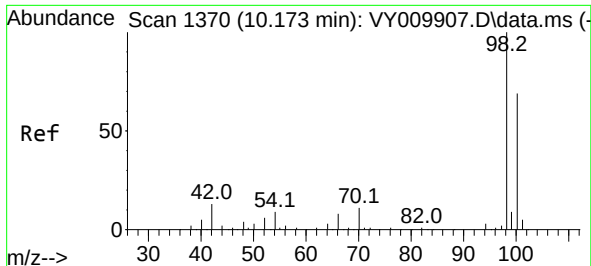
Ion Ratio Lower Upper

113 100

111 103.0 80.6 120.8

192 18.8 16.2 24.4

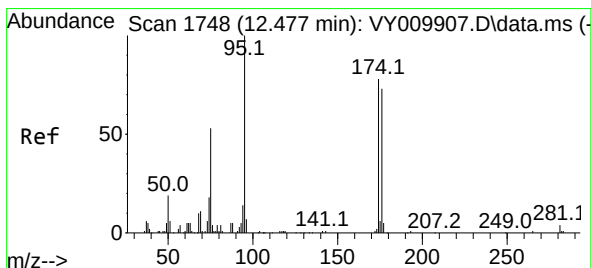
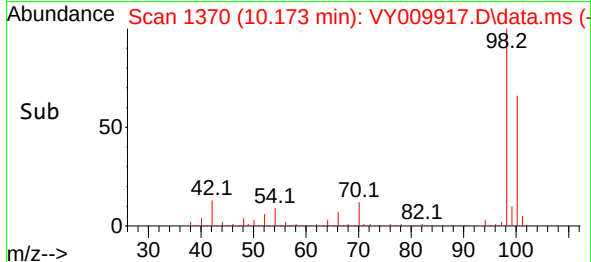
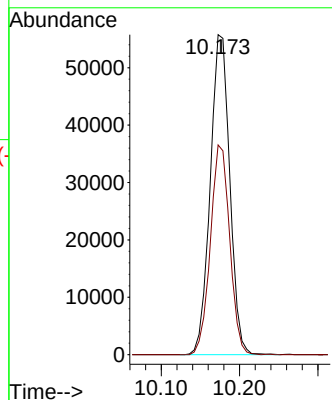
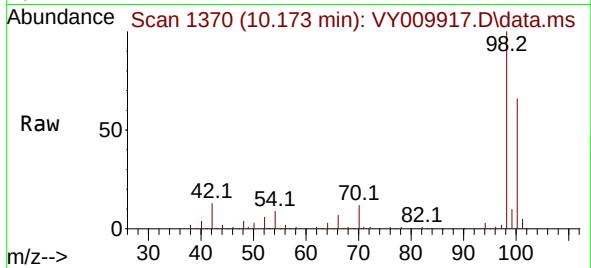




#50
Toluene-d8
Concen: 43.123 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

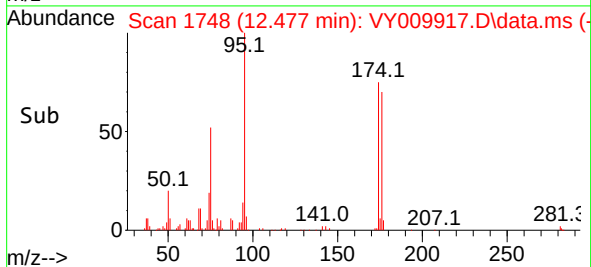
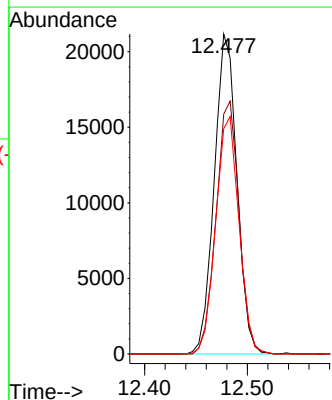
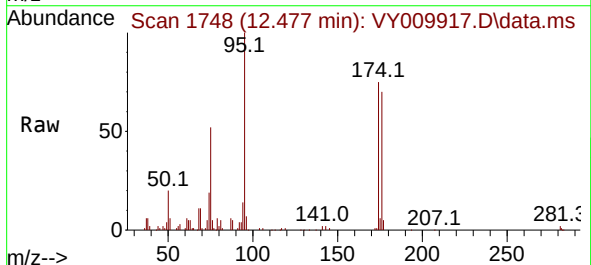
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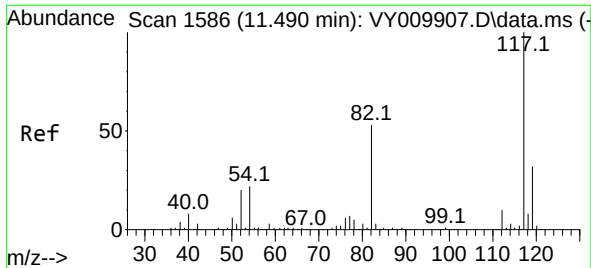
Tgt Ion: 98 Resp: 96494
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.063 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion: 95 Resp: 32377
Ion Ratio Lower Upper
95 100
174 80.1 0.0 173.8
176 76.2 0.0 167.0

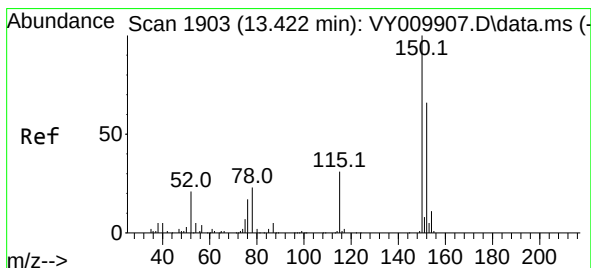
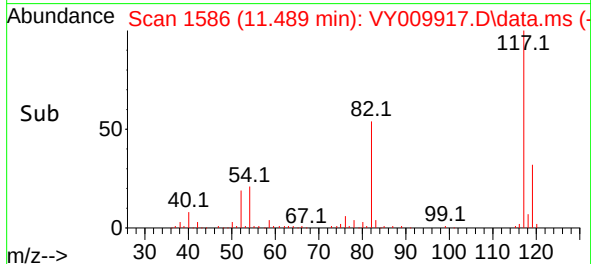
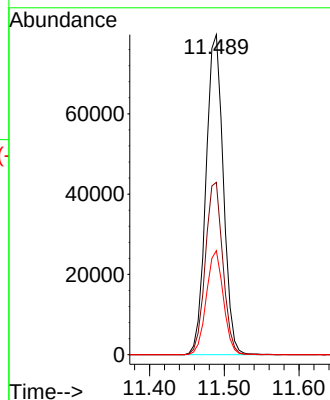
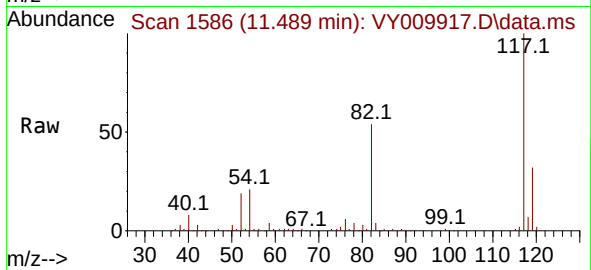




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009917.D
Acq: 09 Aug 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164717

Tgt Ion:117 Resp: 128157
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 32.5 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: VY009917.D
Acq: 09 Aug 2022 14:11

Tgt Ion:152 Resp: 58453
Ion Ratio Lower Upper
152 100
115 59.7 28.6 85.9
150 160.1 0.0 349.8

