

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009918.D
 Acq On : 09 Aug 2022 14:34
 Operator : KP/MD
 Sample : N4091-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124037

Quant Time: Aug 09 23:05:48 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	67476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29531	56.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.710	113	27322	36.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.720%
50) Toluene-d8	10.179	98	101548	44.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.960%
62) 4-Bromofluorobenzene	12.477	95	35517	34.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.620%

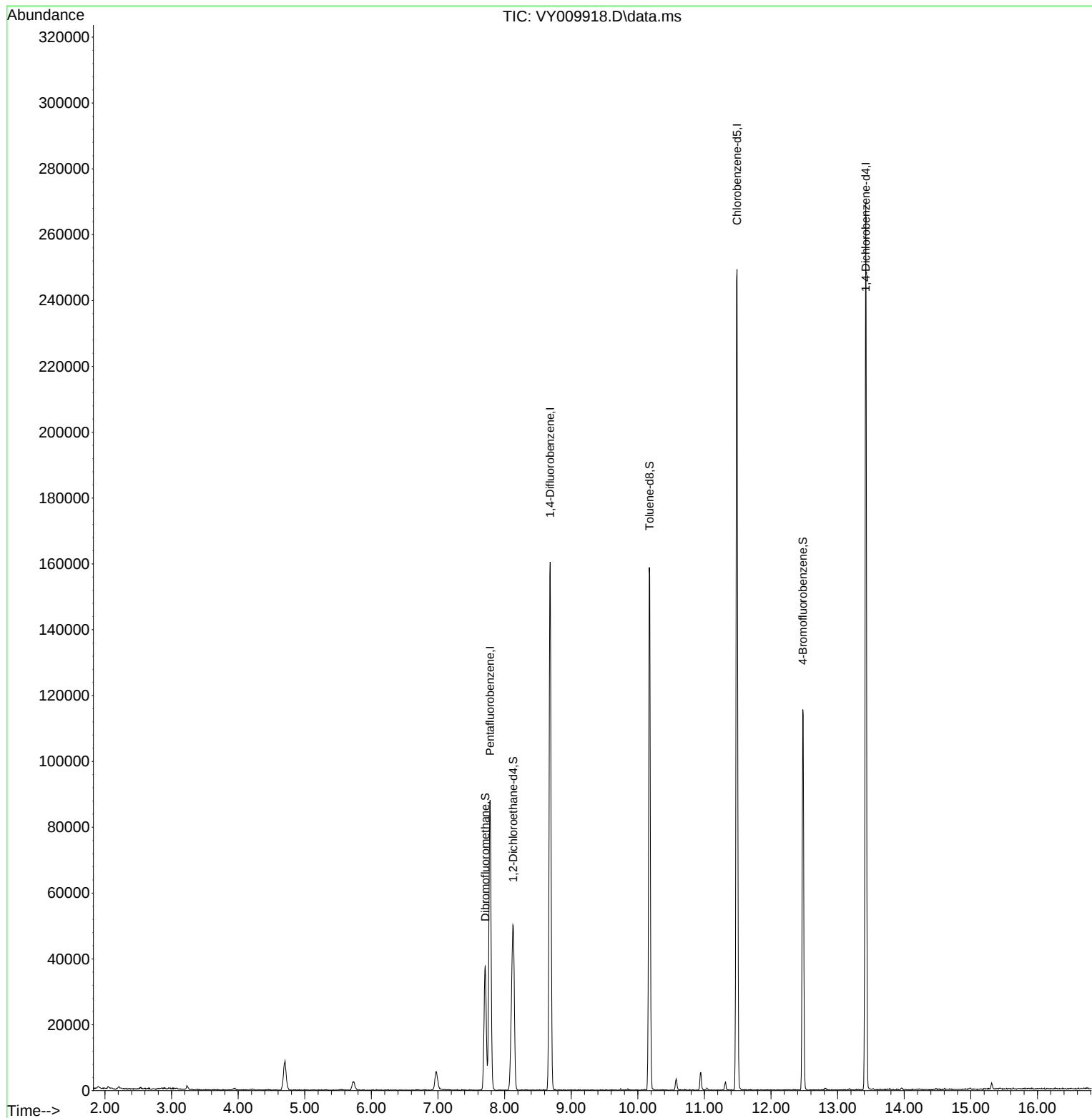
Target Compounds	Qvalue

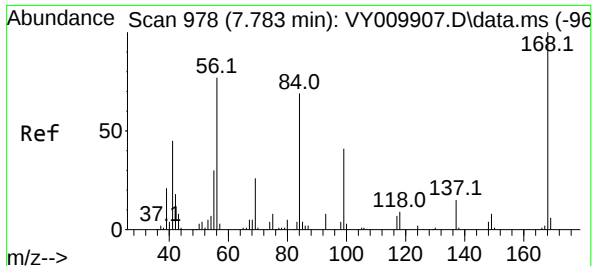
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY009918.D
Acq On : 09 Aug 2022 14:34
Operator : KP/MD
Sample : N4091-05
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

Quant Time: Aug 09 23:05:48 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

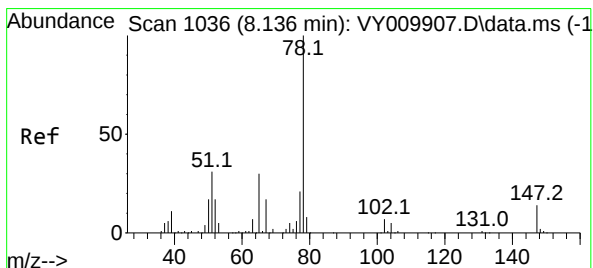
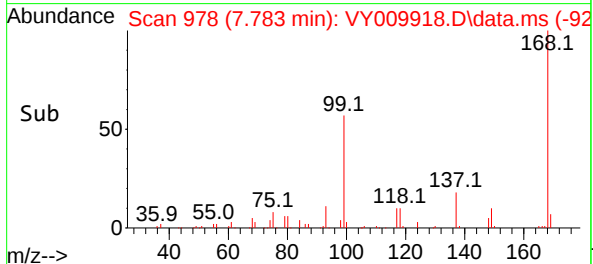
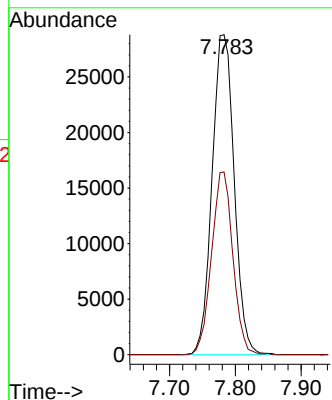
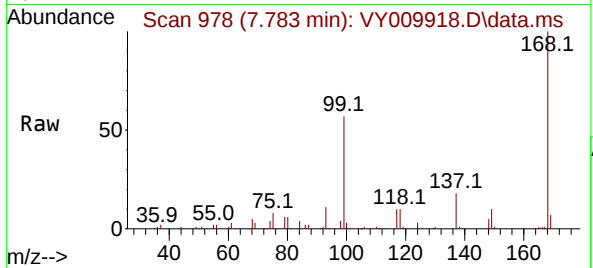




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009918.D
Acq: 09 Aug 2022 14:34

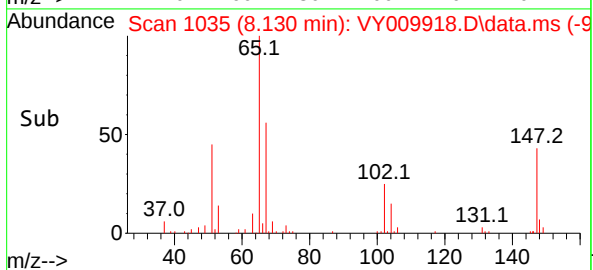
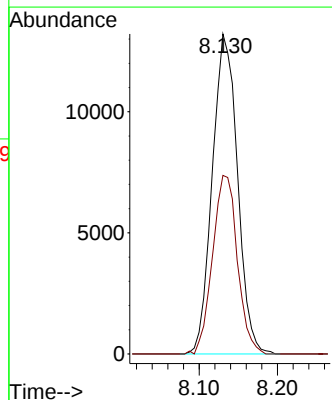
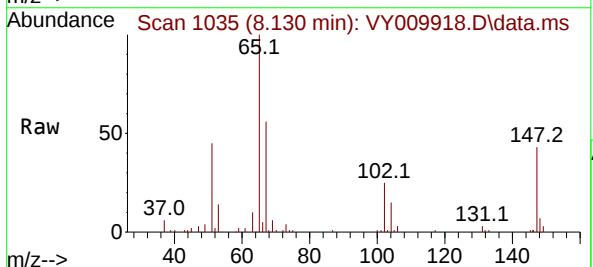
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

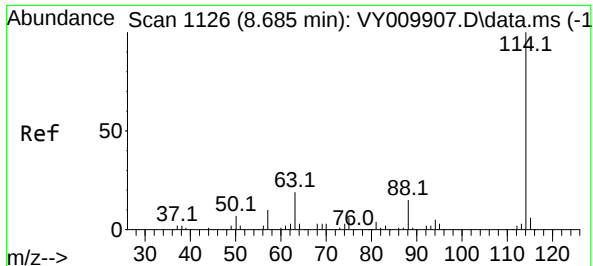
Tgt Ion:168 Resp: 67476
Ion Ratio Lower Upper
168 100
99 57.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 56.672 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009918.D
Acq: 09 Aug 2022 14:34

Tgt Ion: 65 Resp: 29531
Ion Ratio Lower Upper
65 100
67 54.9 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: VY009918.D

Acq: 09 Aug 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124037

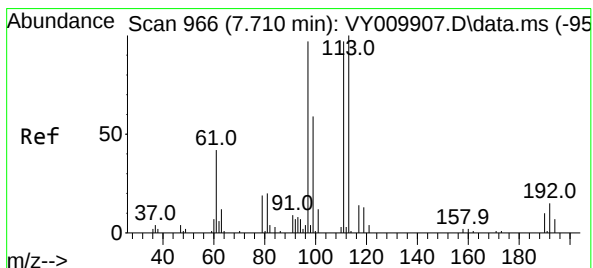
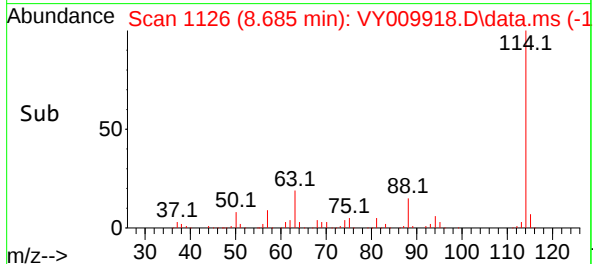
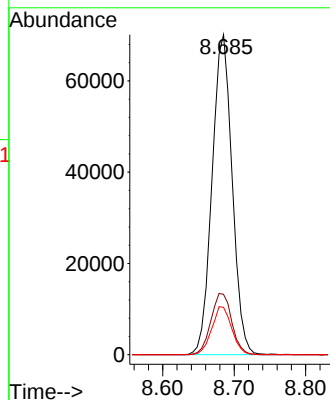
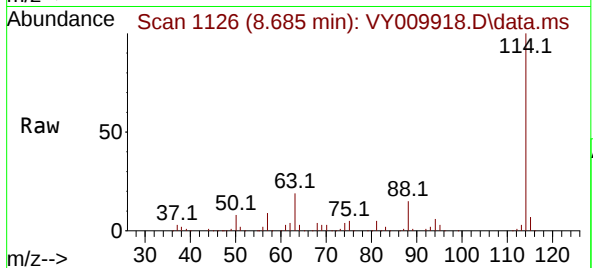
Tgt Ion:114 Resp: 136559

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 36.857 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009918.D

Acq: 09 Aug 2022 14:34

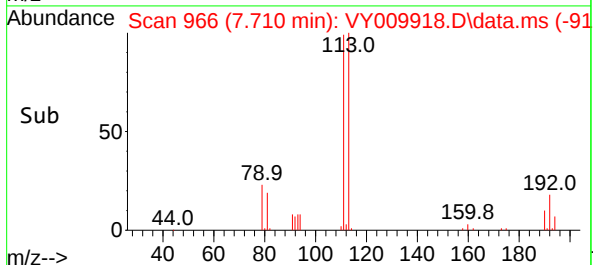
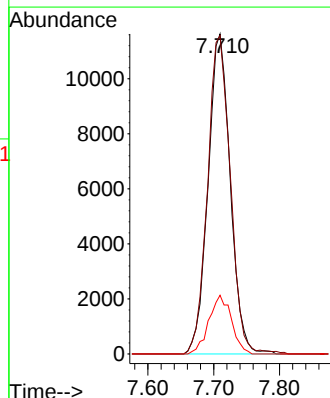
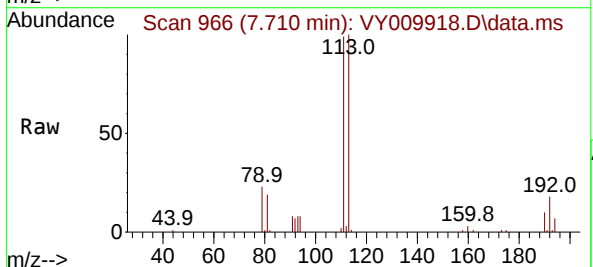
Tgt Ion:113 Resp: 27322

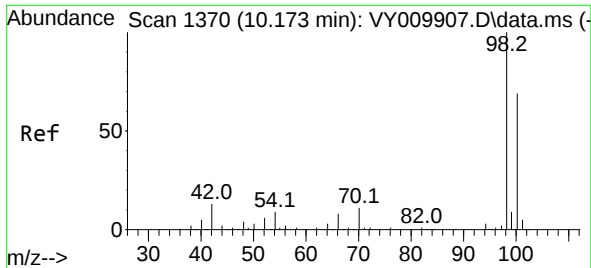
Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 18.7 16.2 24.4

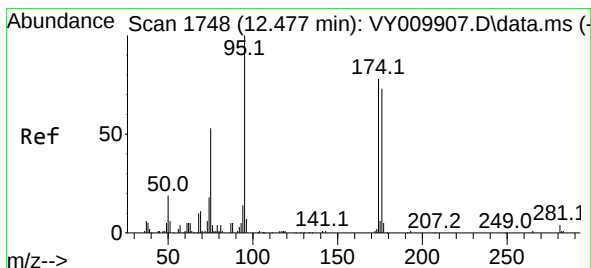
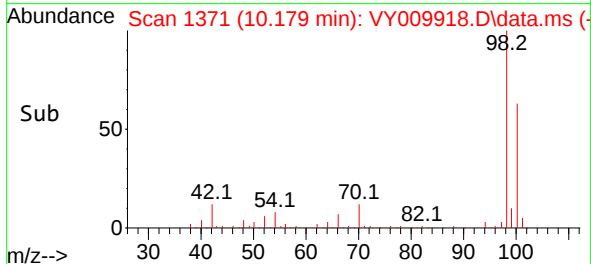
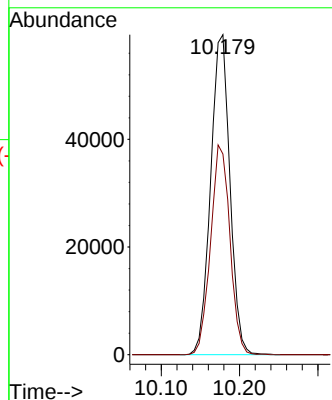
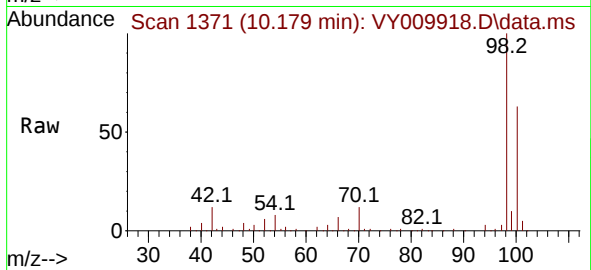




#50
Toluene-d8
Concen: 44.480 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.007 min
Lab File: VY009918.D
Acq: 09 Aug 2022 14:34

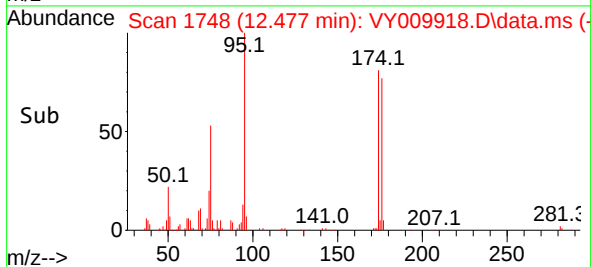
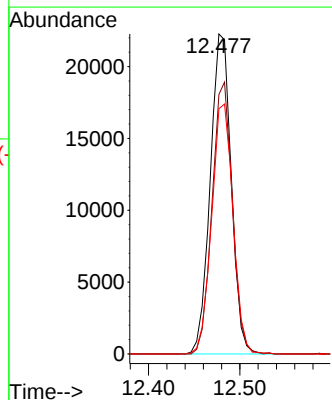
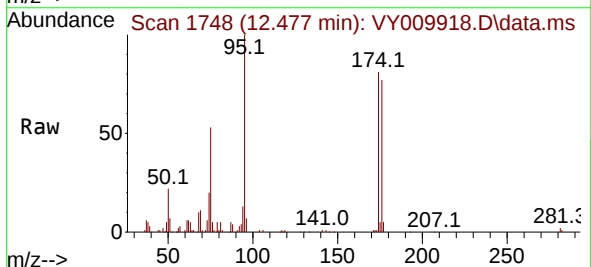
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

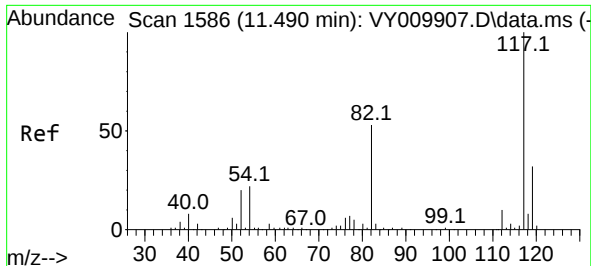
Tgt Ion: 98 Resp: 101548
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009918.D
Acq: 09 Aug 2022 14:34

Tgt Ion: 95 Resp: 35517
Ion Ratio Lower Upper
95 100
174 81.9 0.0 173.8
176 79.5 0.0 167.0

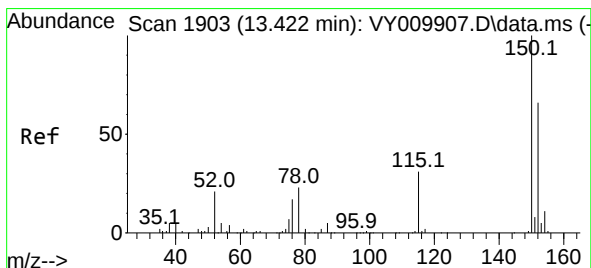
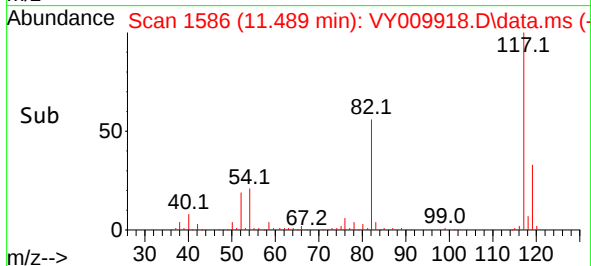
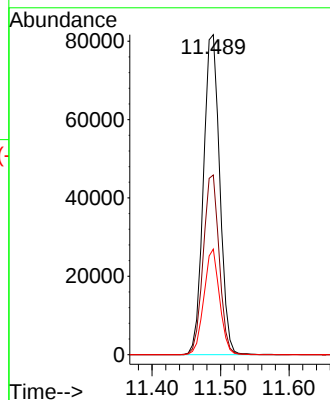
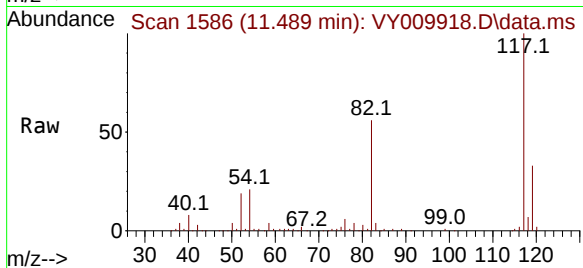




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009918.D
Acq: 09 Aug 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

Tgt Ion:117 Resp: 135133
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.6
119 33.0 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: VY009918.D
Acq: 09 Aug 2022 14:34

Tgt Ion:152 Resp: 64812
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 156.0 0.0 349.8

