

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010109.D
 Acq On : 19 Aug 2022 17:28
 Operator : KP/MD
 Sample : N4200-04
 Misc : 8.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S9

Quant Time: Aug 22 02:43:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	135791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96751	86.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.980%#	
35) Dibromofluoromethane	7.710	113	91219	62.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.200%	
50) Toluene-d8	10.179	98	313648	57.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.880%	
62) 4-Bromofluorobenzene	12.477	95	100997	51.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.540%	

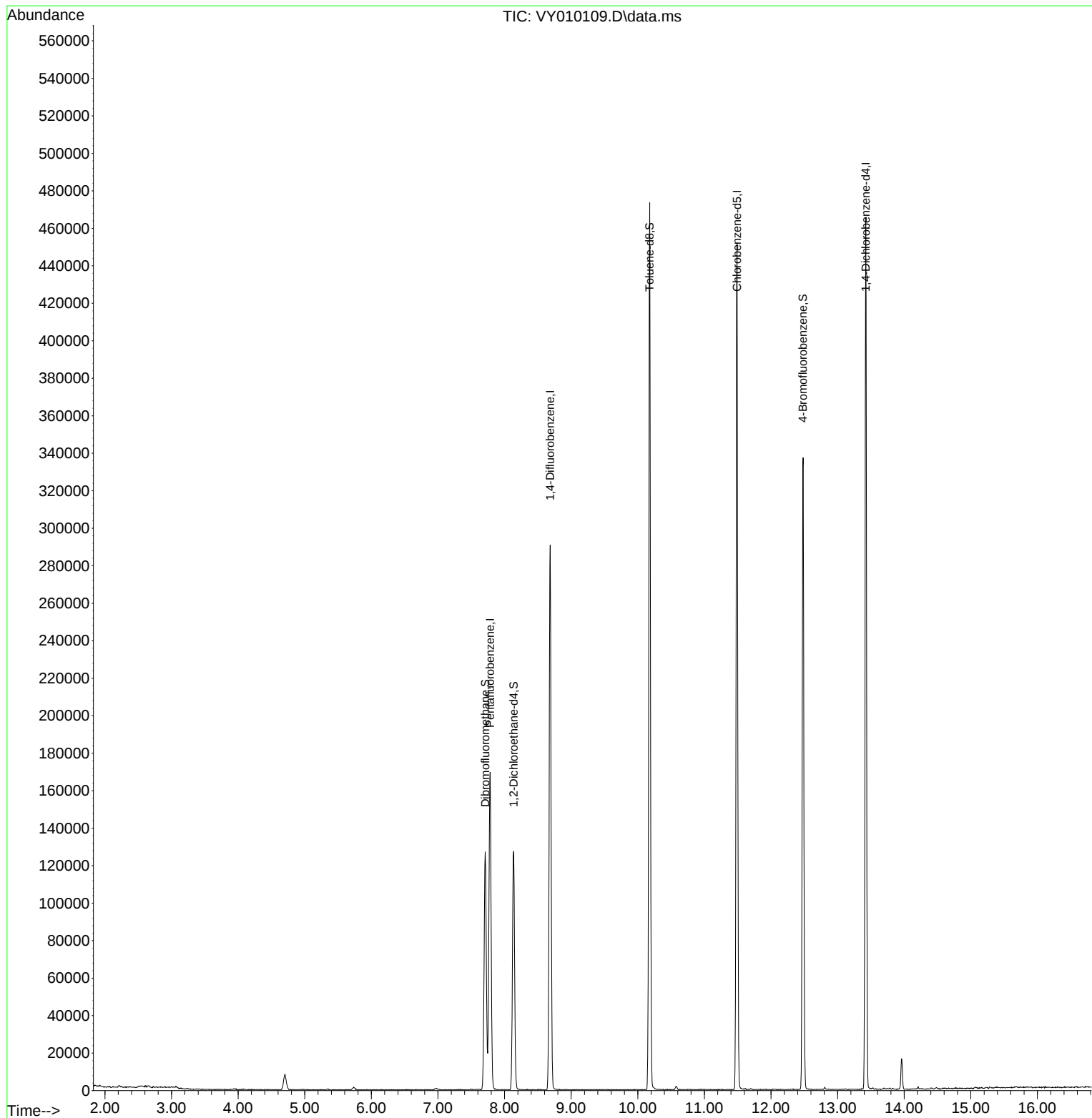
Target Compounds	Qvalue

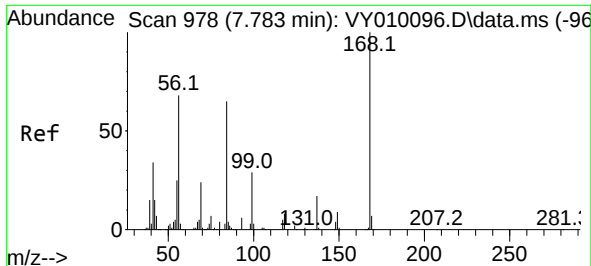
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
Data File : VY010109.D
Acq On : 19 Aug 2022 17:28
Operator : KP/MD
Sample : N4200-04
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S9

Quant Time: Aug 22 02:43:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

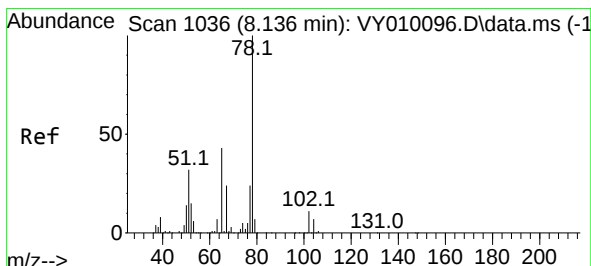
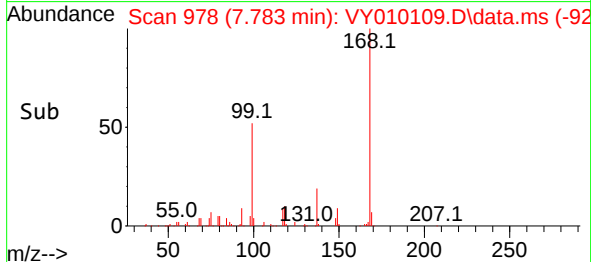
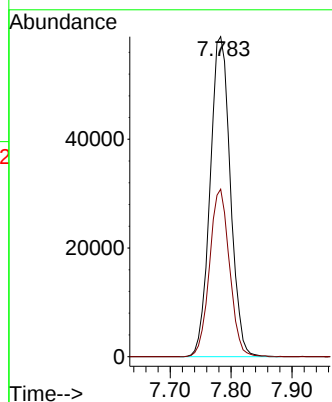
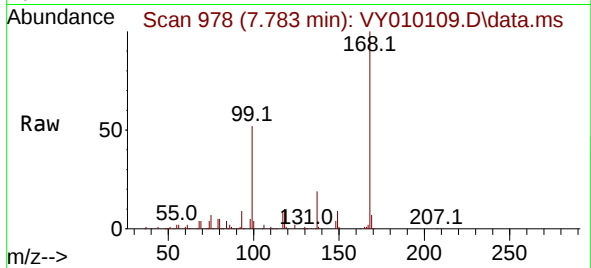




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010109.D
Acq: 19 Aug 2022 17:28

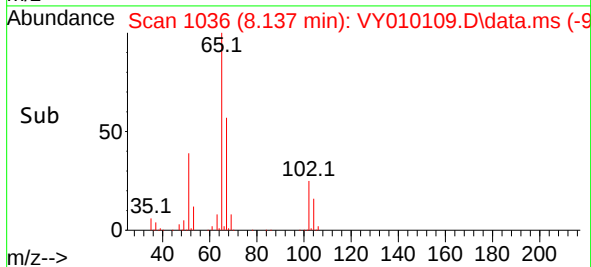
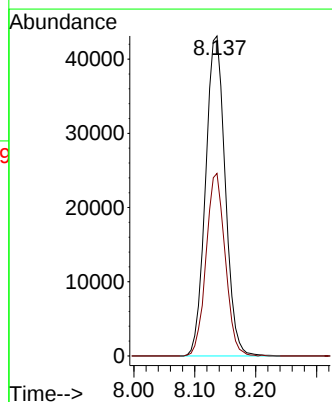
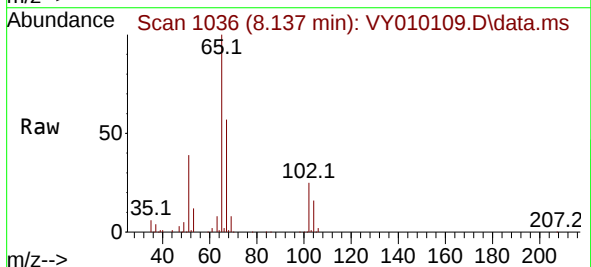
Instrument :
MSVOA_Y
ClientSampleId :
S9

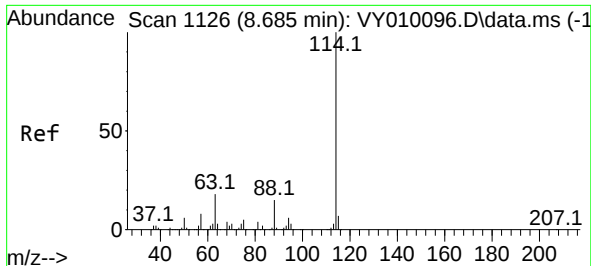
Tgt Ion:168 Resp: 135791
Ion Ratio Lower Upper
168 100
99 52.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 86.986 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010109.D
Acq: 19 Aug 2022 17:28

Tgt Ion: 65 Resp: 96751
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010109.D

Acq: 19 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

S9

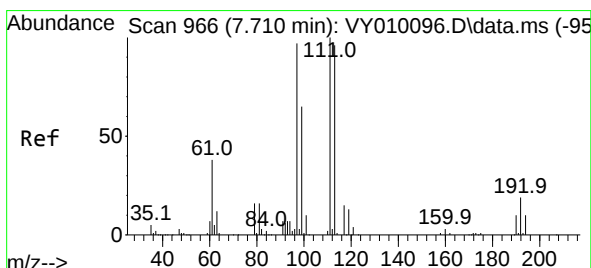
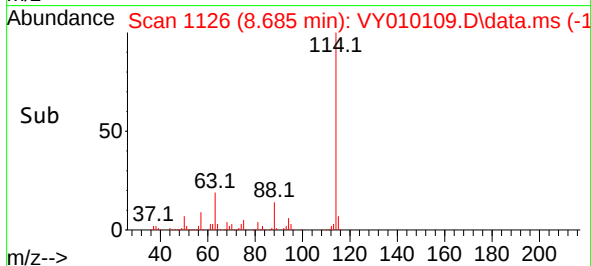
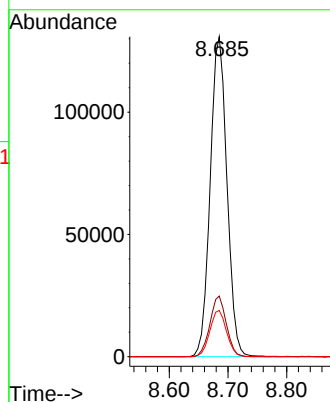
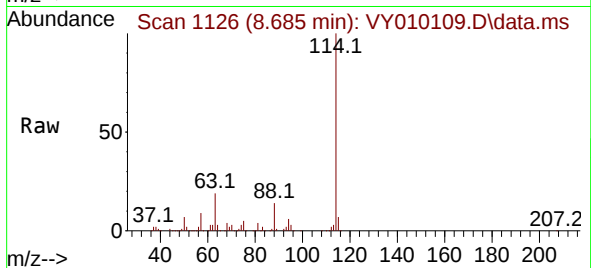
Tgt Ion:114 Resp: 258619

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

88 14.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 62.596 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010109.D

Acq: 19 Aug 2022 17:28

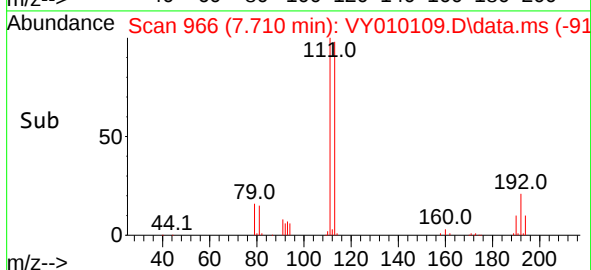
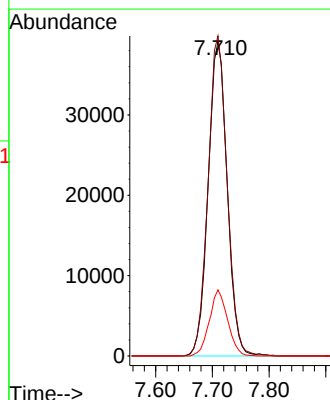
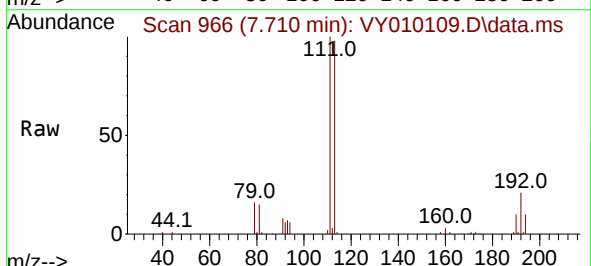
Tgt Ion:113 Resp: 91219

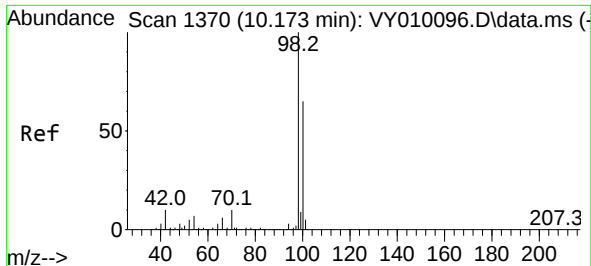
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 20.2 16.3 24.5

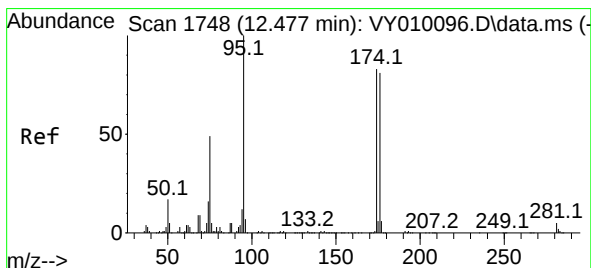
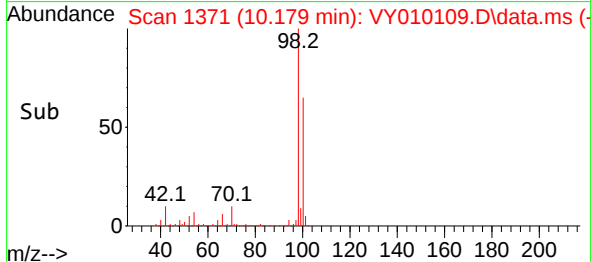
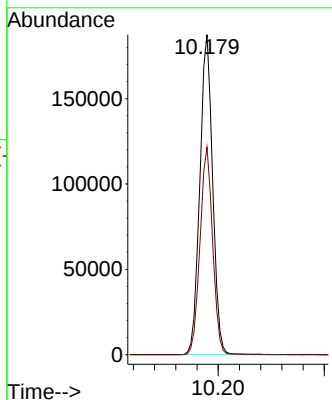
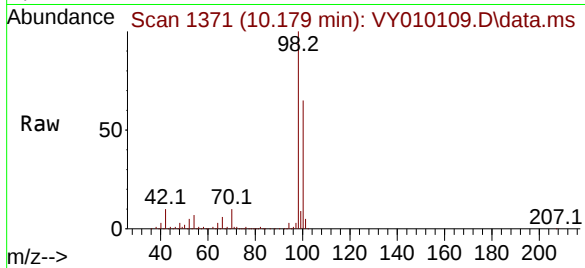




#50
Toluene-d8
Concen: 57.439 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010109.D
Acq: 19 Aug 2022 17:28

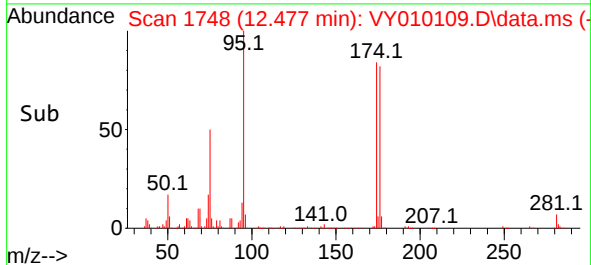
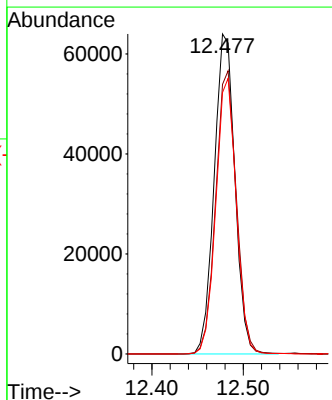
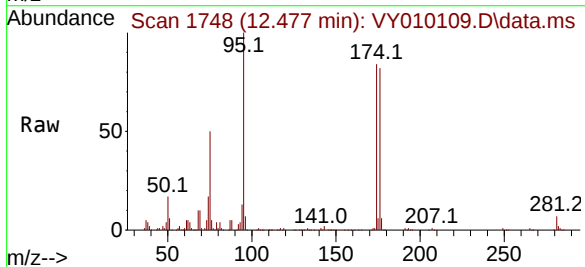
Instrument :
MSVOA_Y
ClientSampleId :
S9

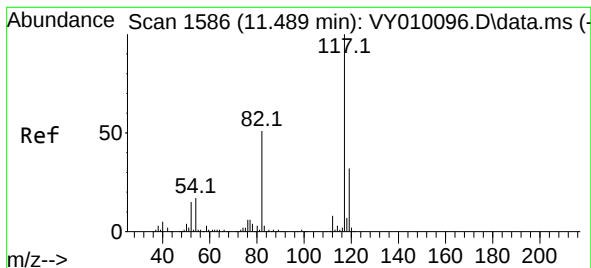
Tgt Ion: 98 Resp: 313648
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010109.D
Acq: 19 Aug 2022 17:28

Tgt Ion: 95 Resp: 100997
Ion Ratio Lower Upper
95 100
174 88.3 0.0 173.8
176 84.8 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010109.D

Acq: 19 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

S9

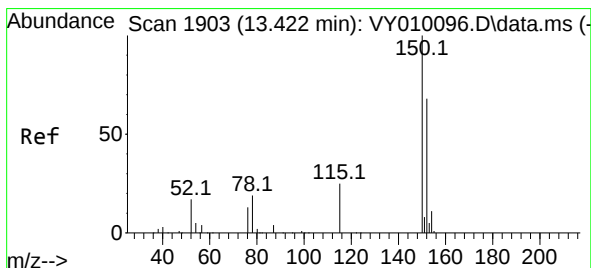
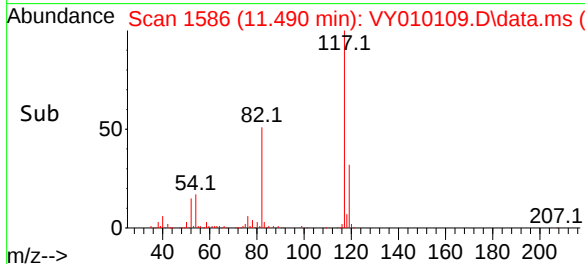
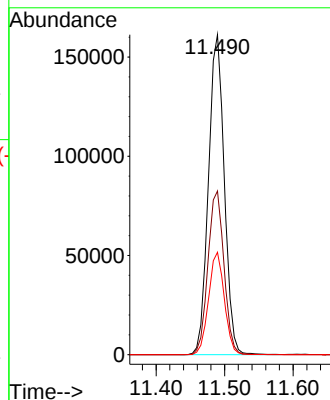
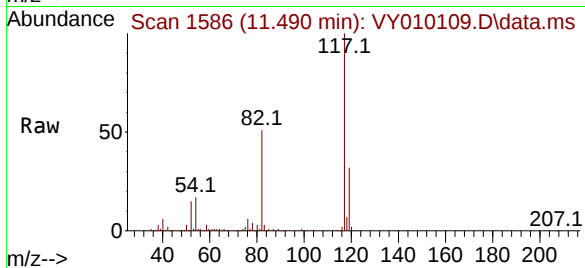
Tgt Ion:117 Resp: 259554

Ion Ratio Lower Upper

117 100

82 51.2 40.6 61.0

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010109.D

Acq: 19 Aug 2022 17:28

Tgt Ion:152 Resp: 125626

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 155.1 0.0 346.2

