

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009280.D
 Acq On : 22 Jun 2022 18:29
 Operator : KP/MD
 Sample : N3430-05
 Misc : 4.36/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-20-22-20220621

Quant Time: Jun 23 01:58:13 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)

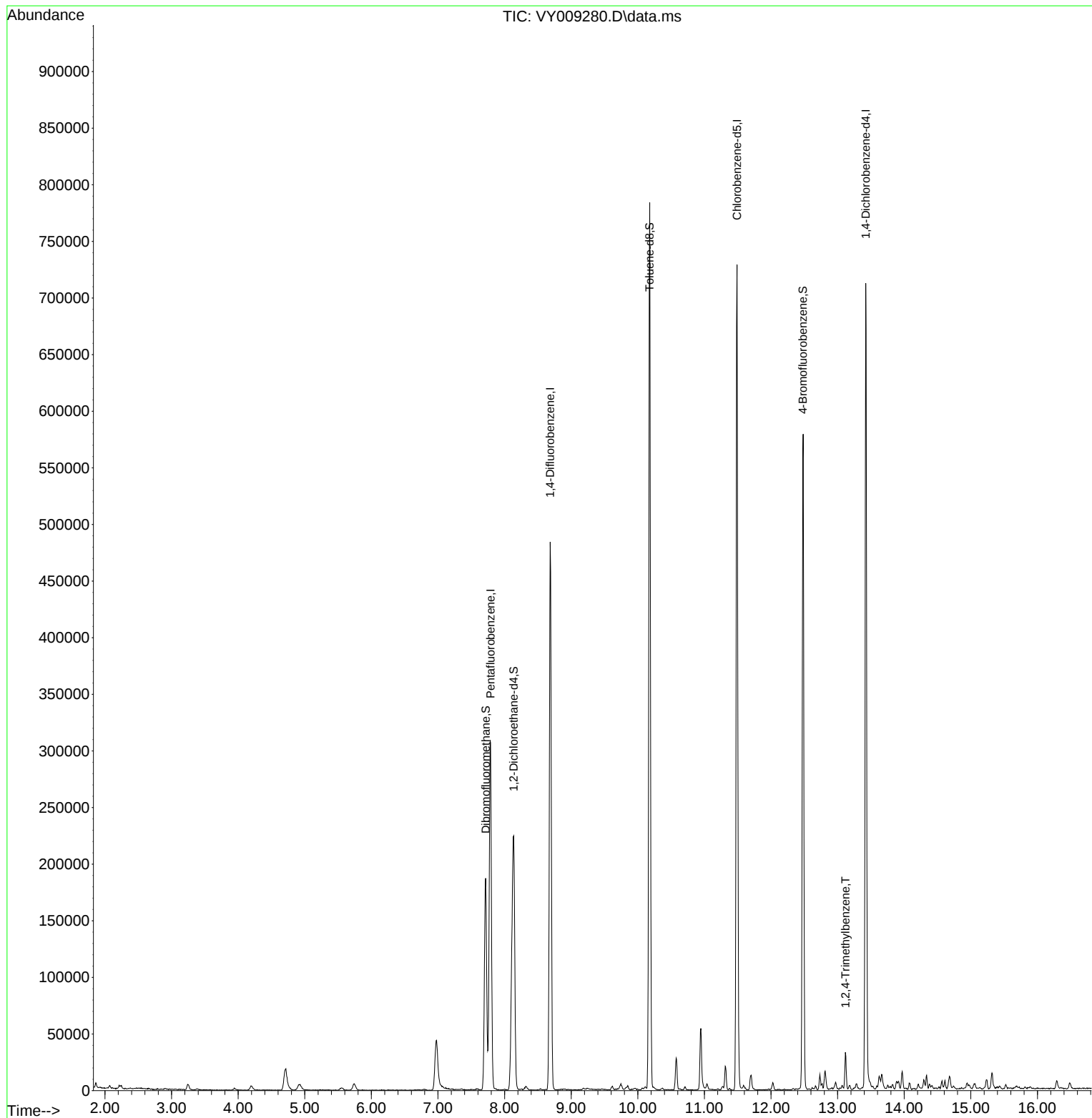
Internal Standards						
1) Pentafluorobenzene	7.789	168	252395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	402737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141385	51.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.716	113	133256	47.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.720%	
50) Toluene-d8	10.179	98	509755	47.658	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	12.477	95	179124	47.658	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.320%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	16580	1.397	ug/l	Qvalue 91

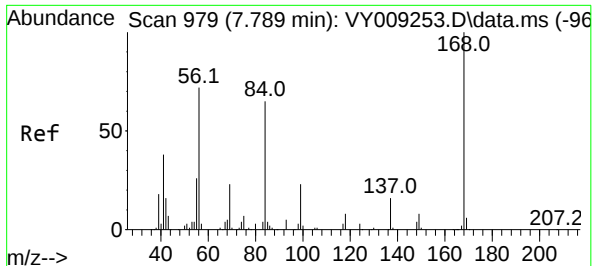
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009280.D
Acq On : 22 Jun 2022 18:29
Operator : KP/MD
Sample : N3430-05
Misc : 4.36/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

Quant Time: Jun 23 01:58:13 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

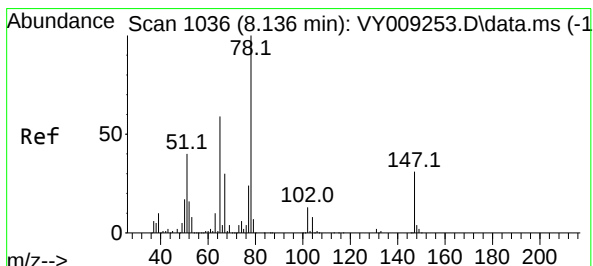
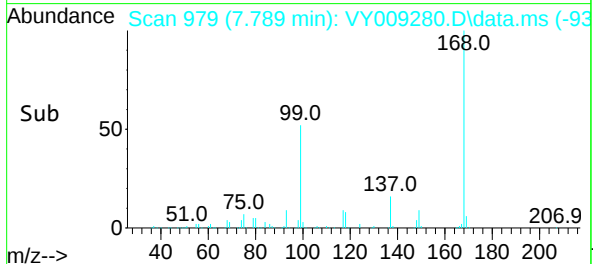
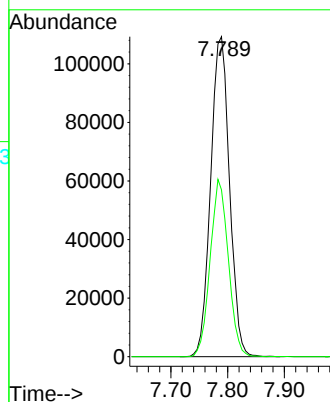
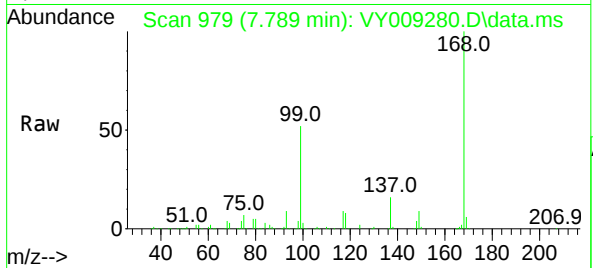




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

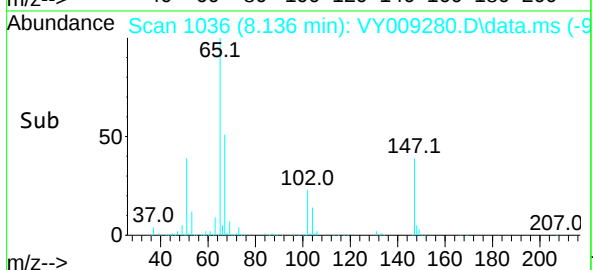
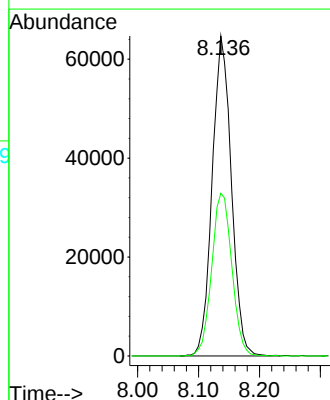
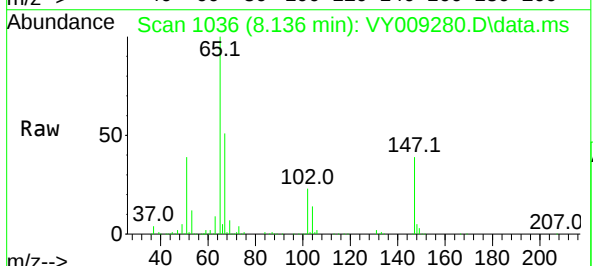
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

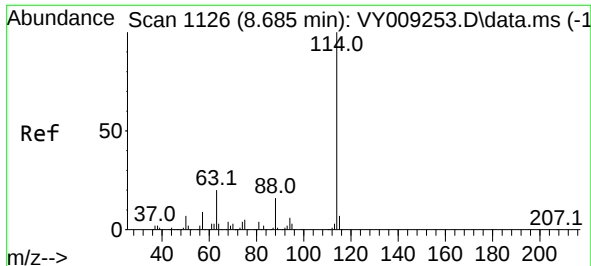
Tgt Ion:168 Resp: 252395
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.005 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion: 65 Resp: 141385
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

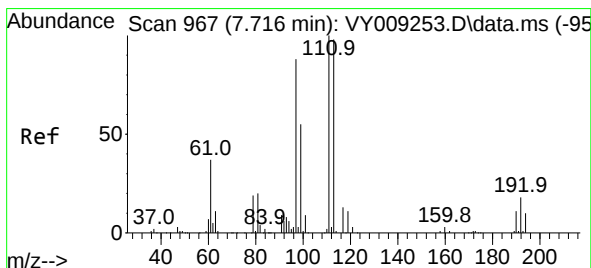
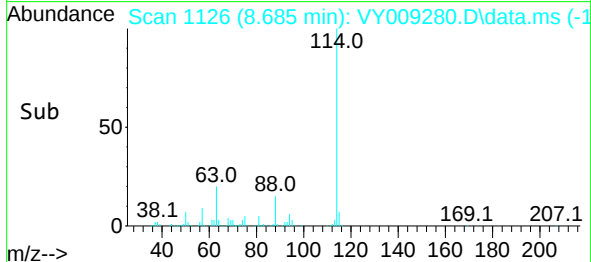
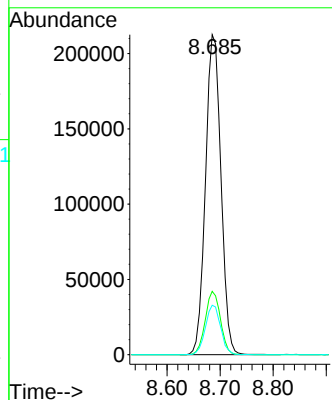
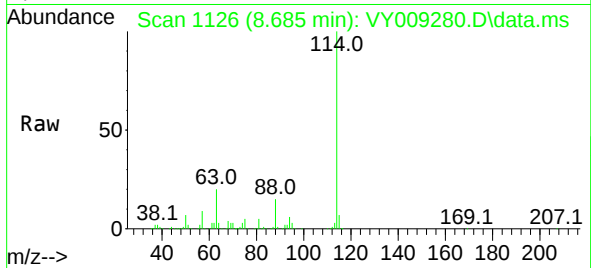




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

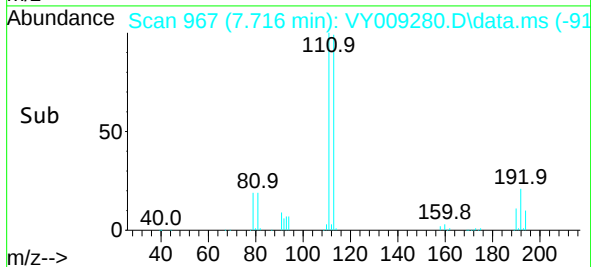
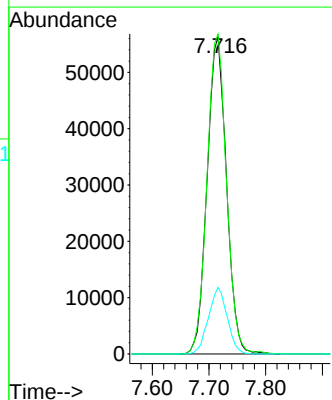
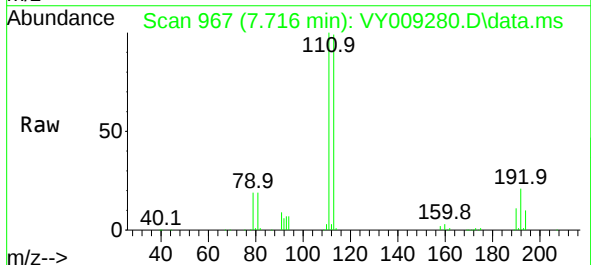
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

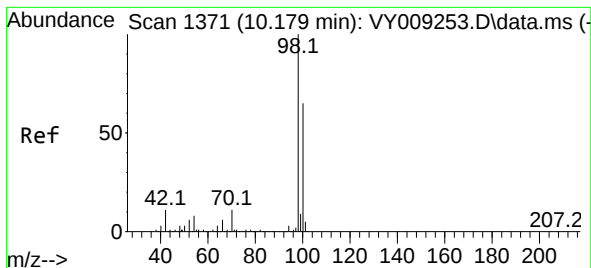
Tgt Ion:114 Resp: 429936
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.859 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion:113 Resp: 133256
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.4 17.6 26.4

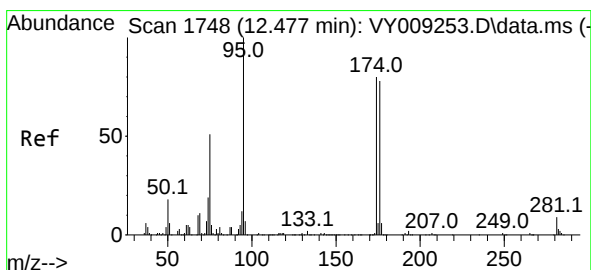
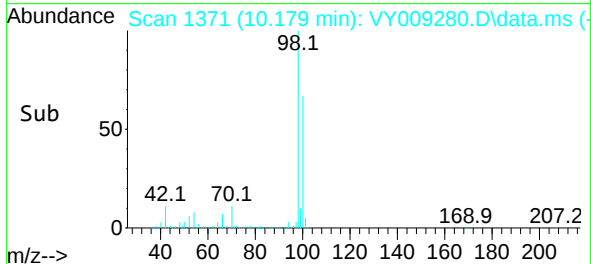
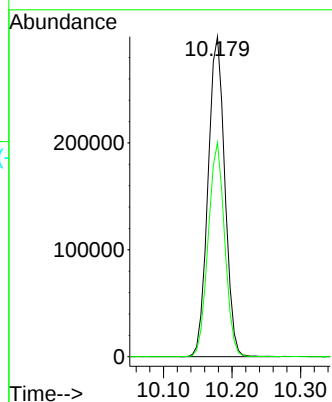
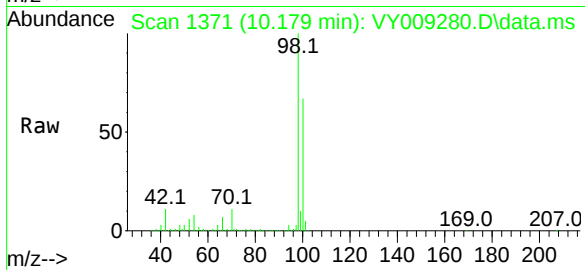




#50
Toluene-d8
Concen: 47.658 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

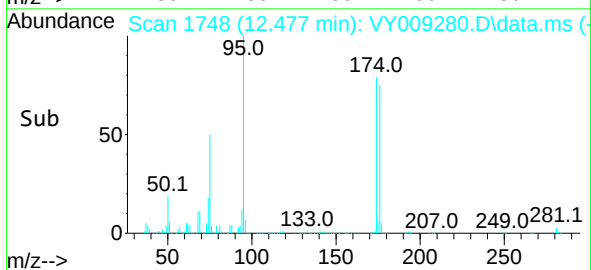
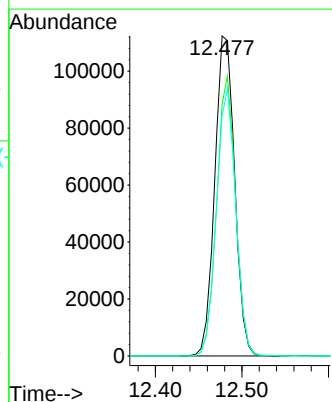
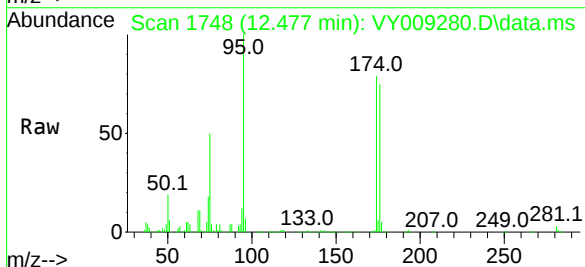
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

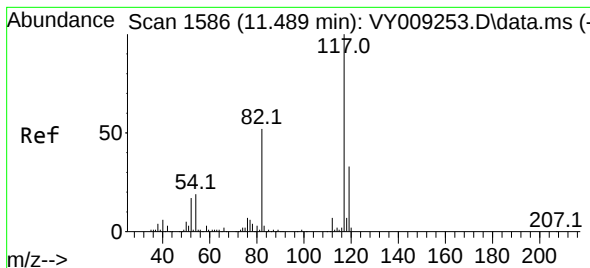
Tgt Ion: 98 Resp: 509755
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.658 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion: 95 Resp: 179124
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.0 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: VY009280.D

Acq: 22 Jun 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-20-22-20220621

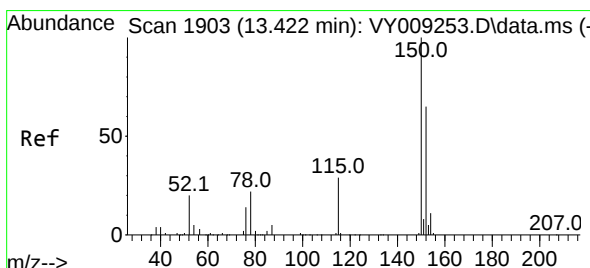
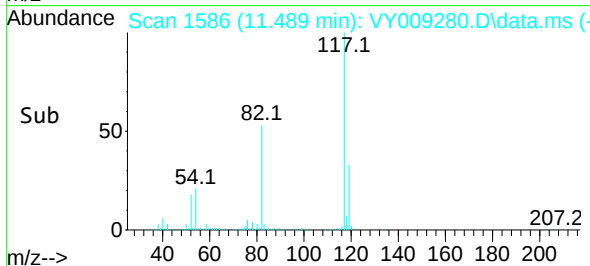
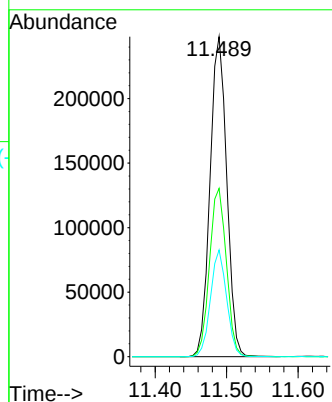
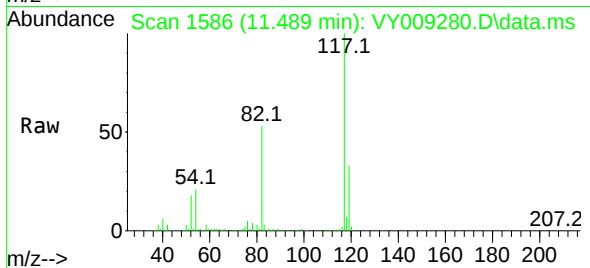
Tgt Ion:117 Resp: 402737

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 33.3 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: VY009280.D

Acq: 22 Jun 2022 18:29

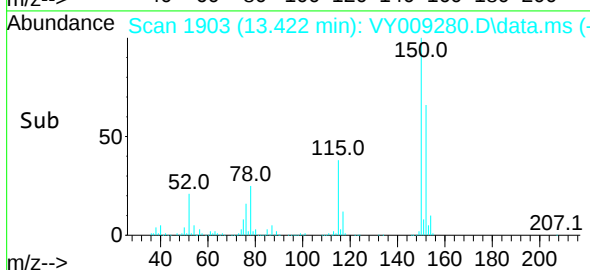
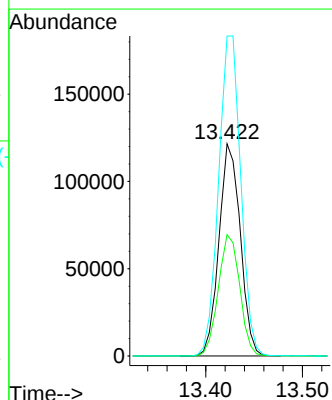
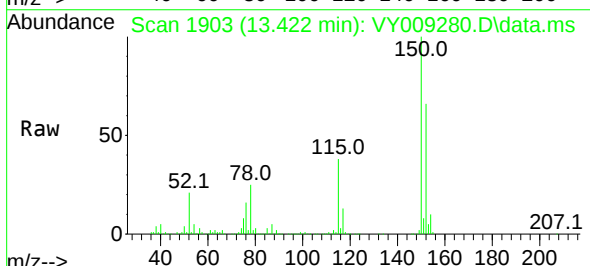
Tgt Ion:152 Resp: 185963

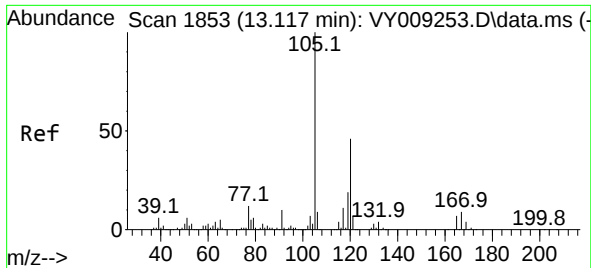
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

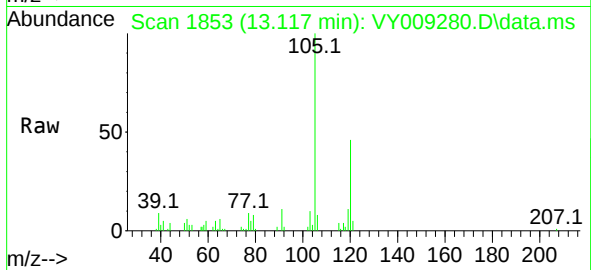
150 156.6 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.397 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009280.D
 Acq: 22 Jun 2022 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-20-22-20220621



Tgt Ion:105 Resp: 16580
 Ion Ratio Lower Upper
 105 100
 120 50.3 22.3 66.9

