

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008957.D
 Acq On : 21 May 2022 18:10
 Operator : KP/MD
 Sample : N2919-22
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS003-0006-01

Quant Time: May 21 21:31:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

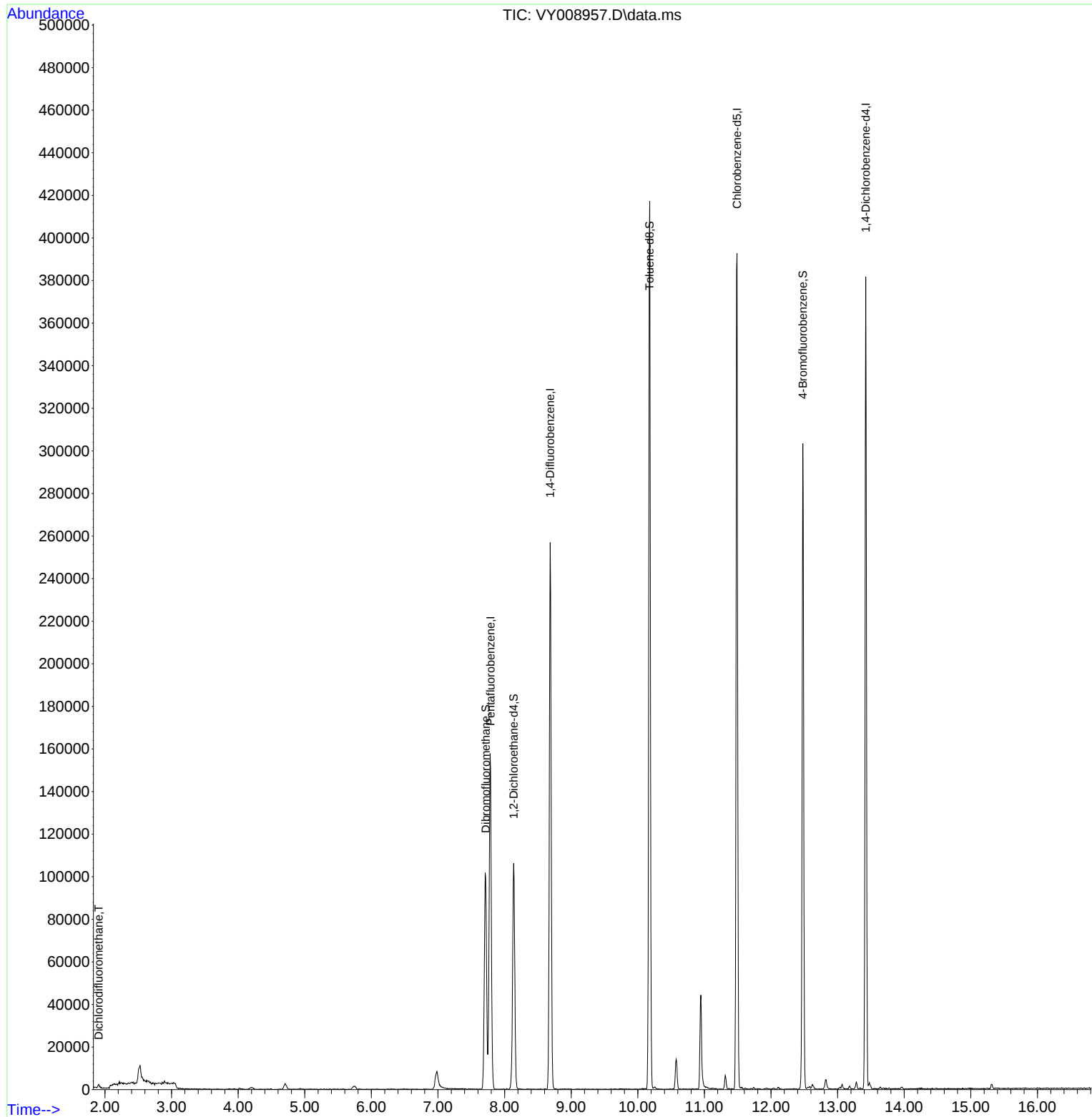
Internal Standards						
1) Pentafluorobenzene	7.789	168	117750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77737	64.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.300%
35) Dibromofluoromethane	7.716	113	69643	52.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.179	98	267725	54.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.520%
62) 4-Bromofluorobenzene	12.477	95	77806	39.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.900%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	1417	1.316	ug/l	90

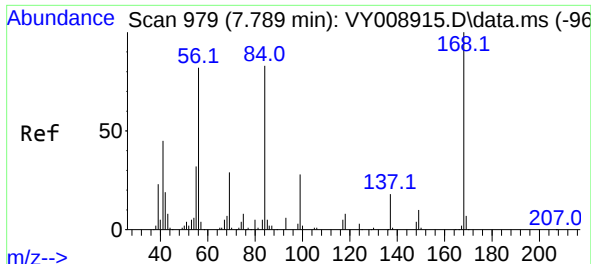
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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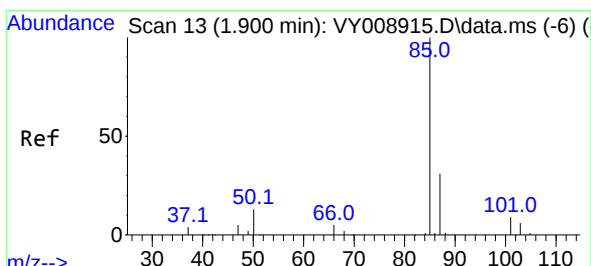
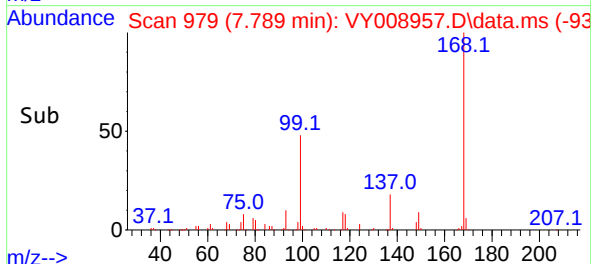
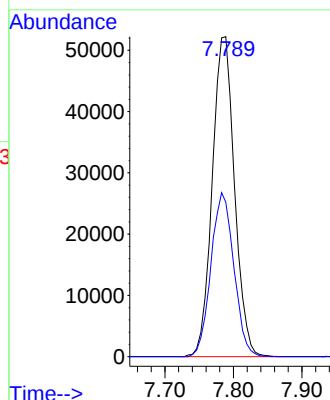
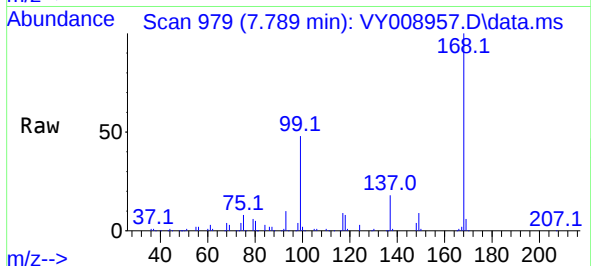




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

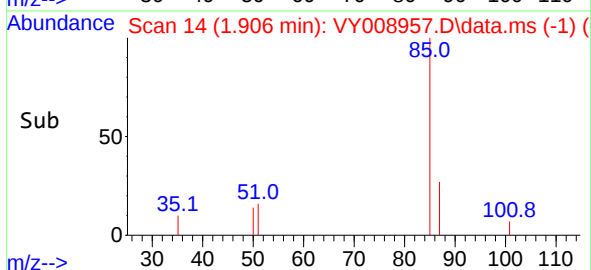
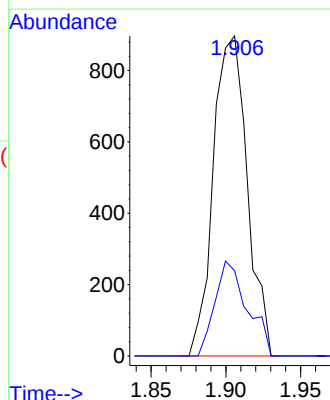
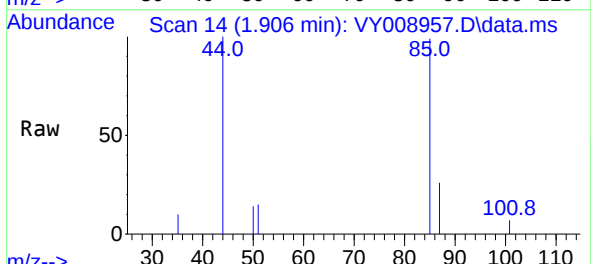
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

Tgt Ion:168 Resp: 117750
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.316 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 85 Resp: 1417
Ion Ratio Lower Upper
85 100
87 26.6 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 64.147 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY008957.D

Acq: 21 May 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

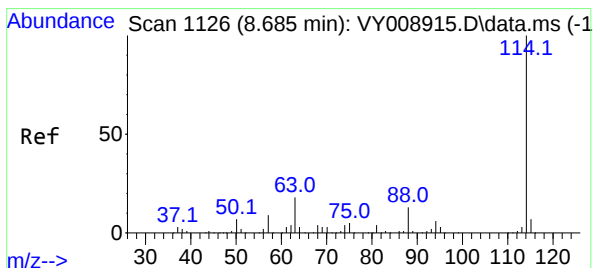
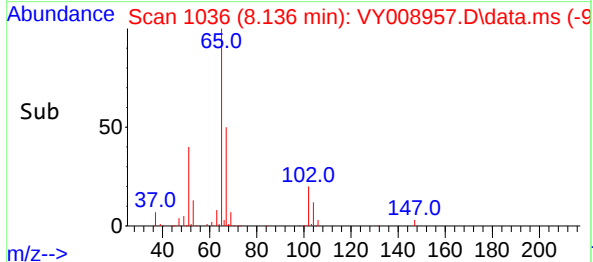
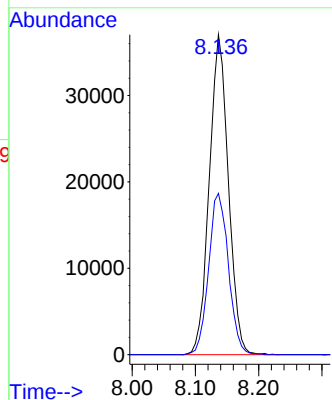
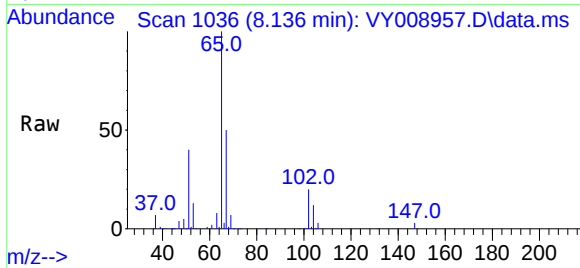
P015-SS003-0006-01

Tgt Ion: 65 Resp: 77737

Ion Ratio Lower Upper

65 100

67 52.3 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: VY008957.D

Acq: 21 May 2022 18:10

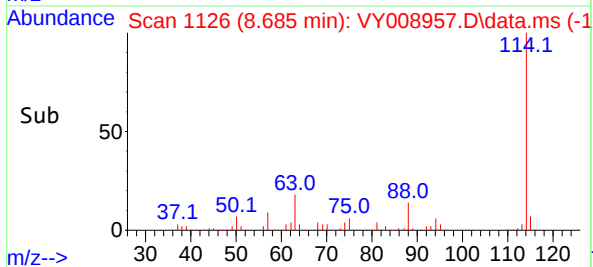
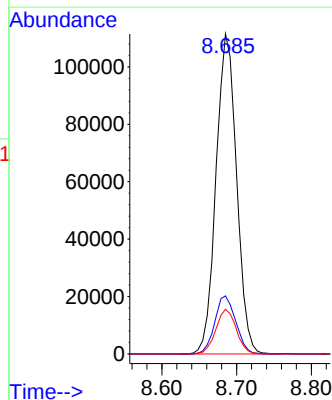
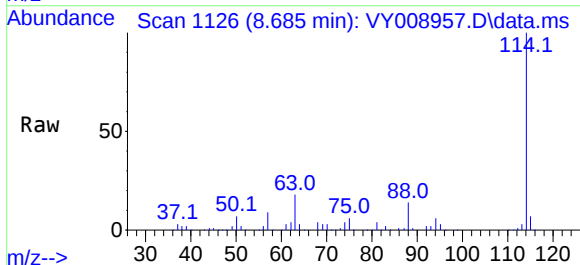
Tgt Ion: 114 Resp: 213105

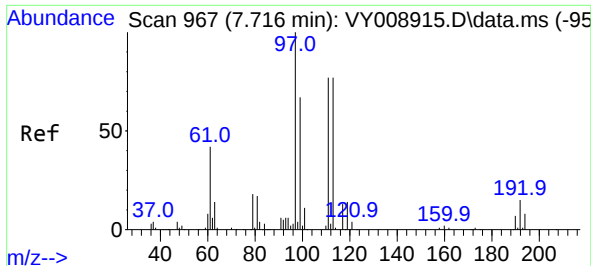
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8

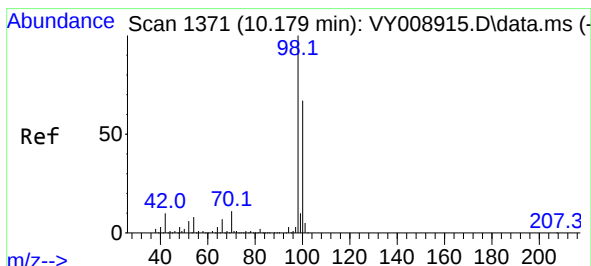
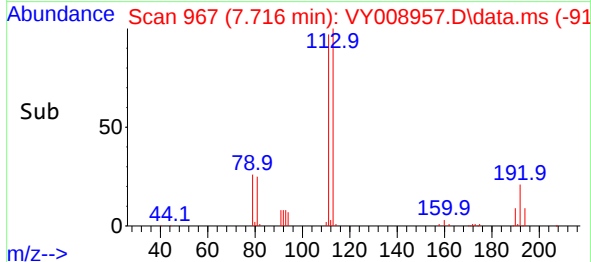
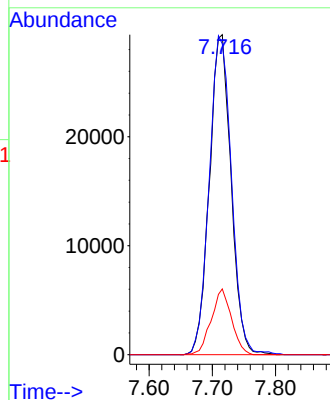
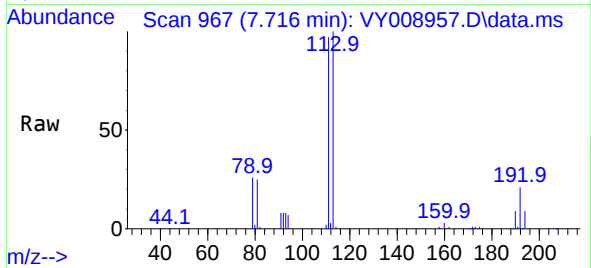




#35
Dibromofluoromethane
Concen: 52.554 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

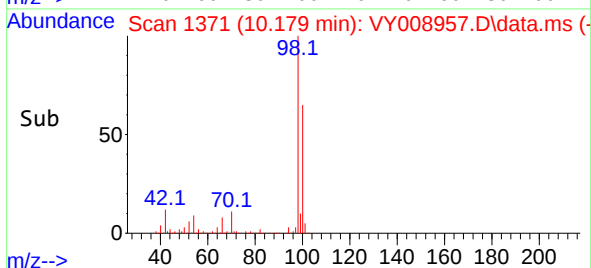
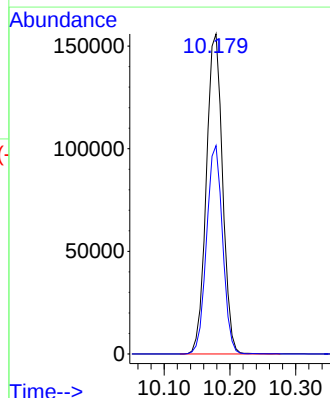
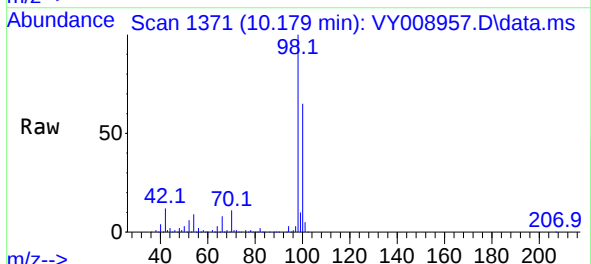
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

Tgt Ion:113 Resp: 69643
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 54.763 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

Tgt Ion: 98 Resp: 267725
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

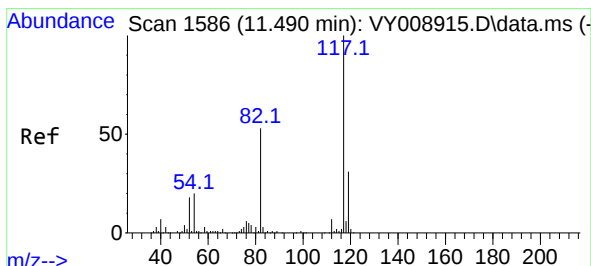
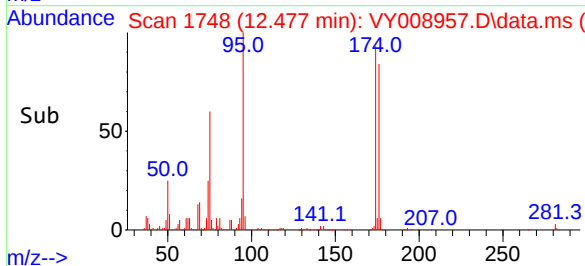
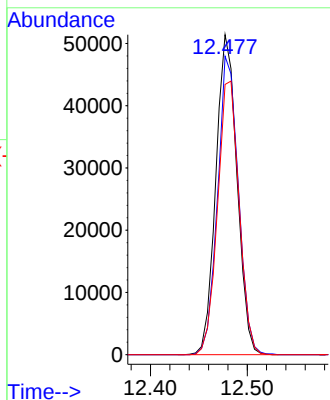
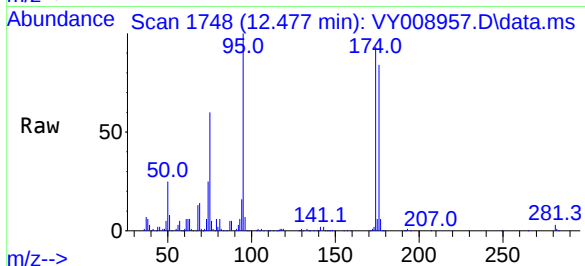




#62
4-Bromofluorobenzene
Concen: 39.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

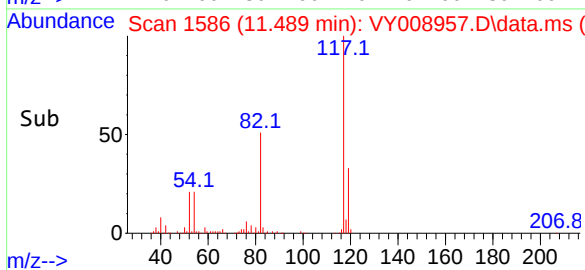
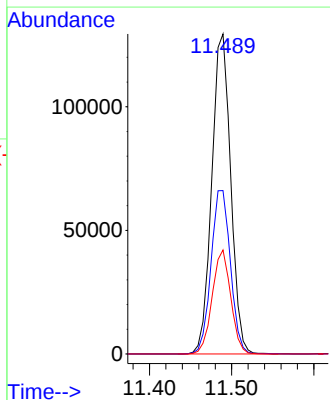
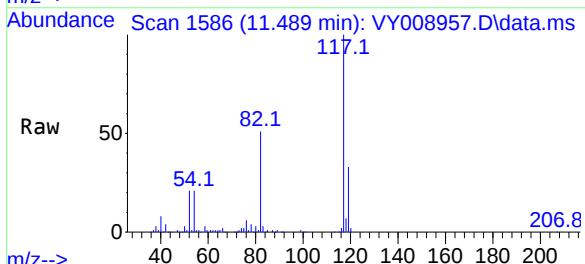
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS003-0006-01

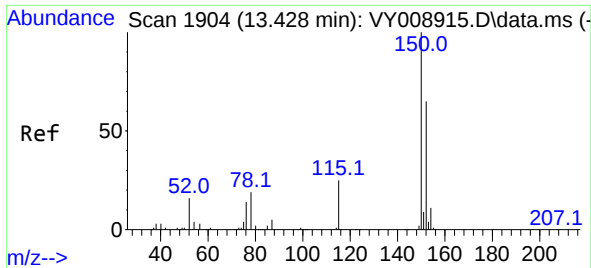
Tgt Ion: 95 Resp: 77806
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008957.D
Acq: 21 May 2022 18:10

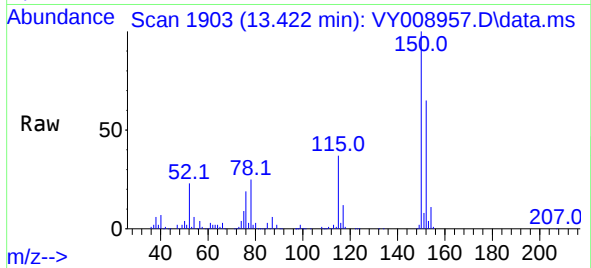
Tgt Ion: 117 Resp: 206851
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008957.D
 Acq: 21 May 2022 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS003-0006-01



Tgt Ion:152 Resp: 88539
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 156.2 0.0 347.6

