

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008954.D
 Acq On : 21 May 2022 17:00
 Operator : KP/MD
 Sample : N2919-19
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-1218-01

Quant Time: May 21 21:31:04 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)

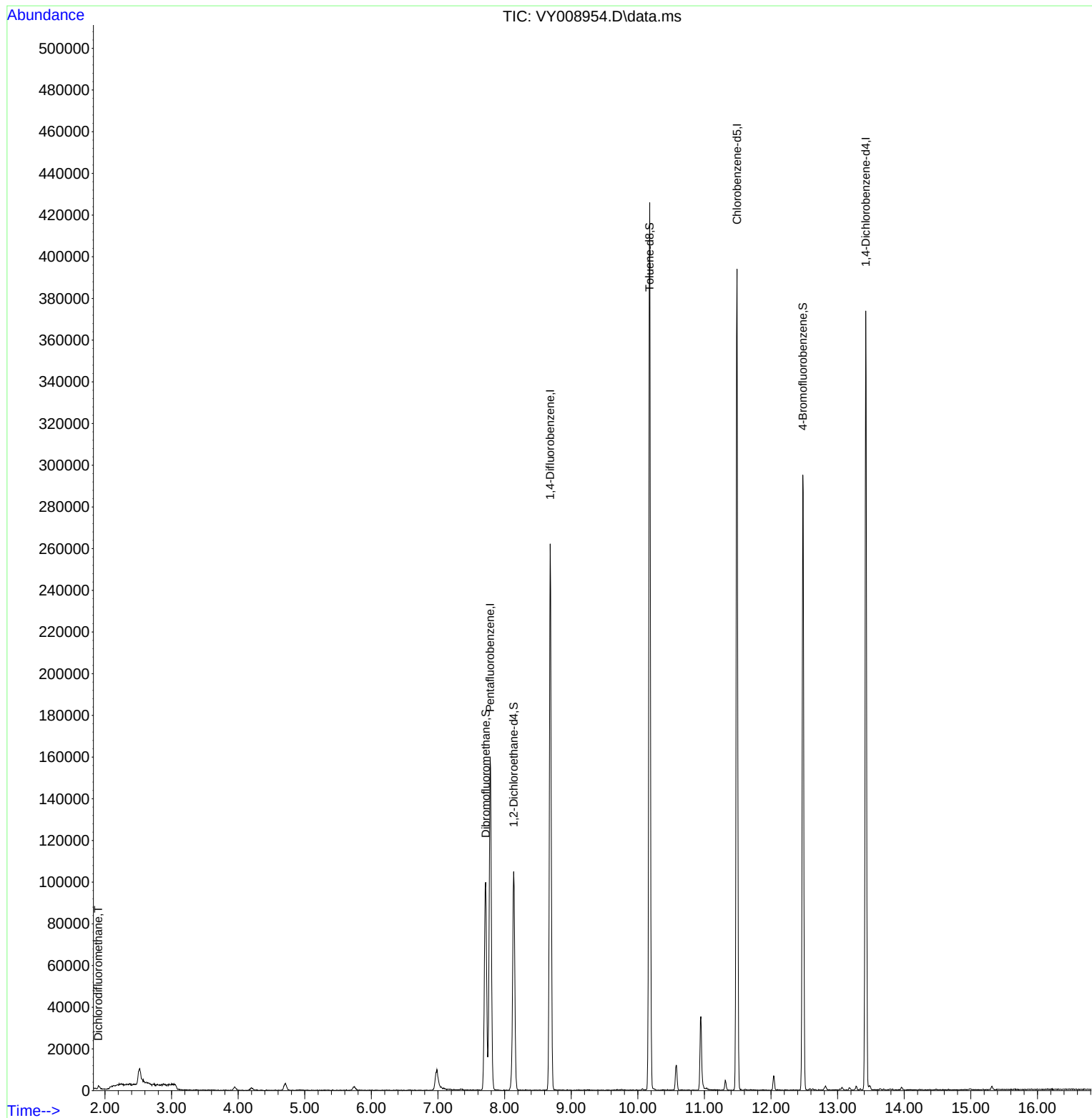
Internal Standards						
1) Pentafluorobenzene	7.783	168	119767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76760	62.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.540%
35) Dibromofluoromethane	7.716	113	69243	51.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.380%
50) Toluene-d8	10.179	98	270216	54.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.477	95	78405	39.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.660%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1227	1.120	ug/l	97

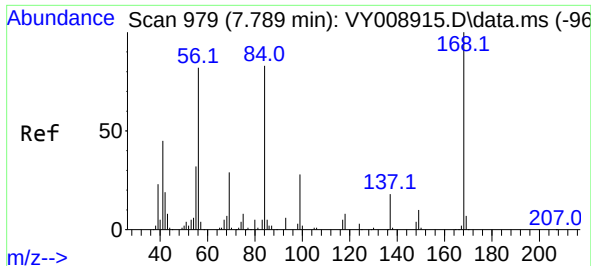
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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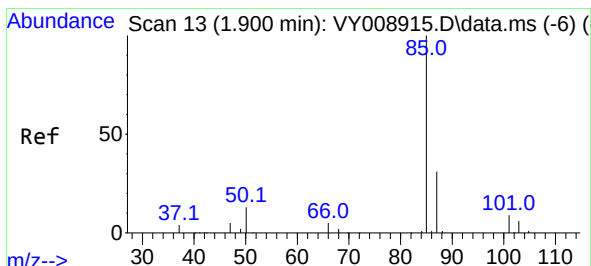
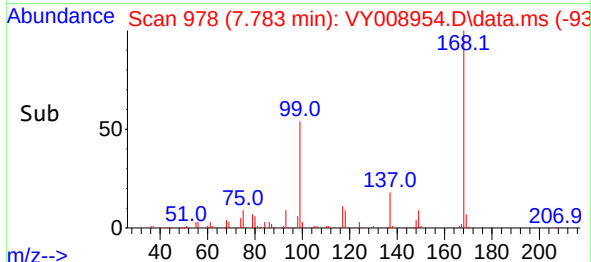
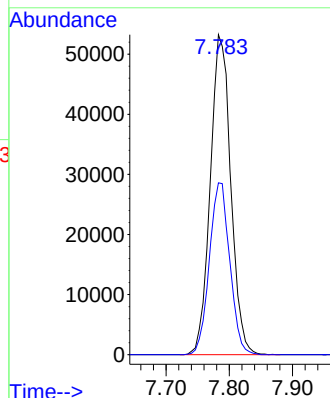
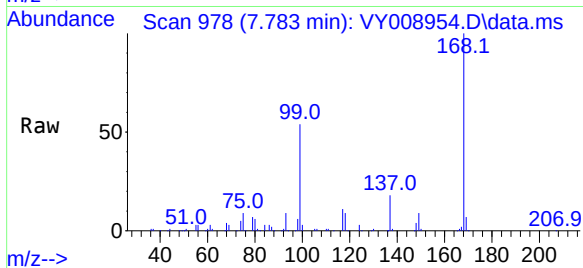




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

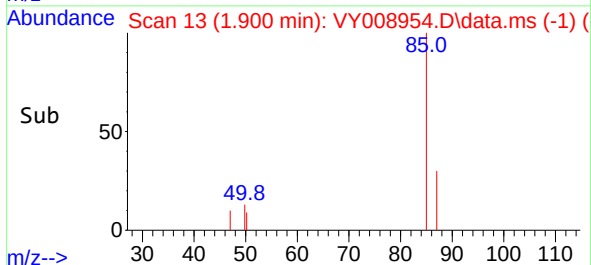
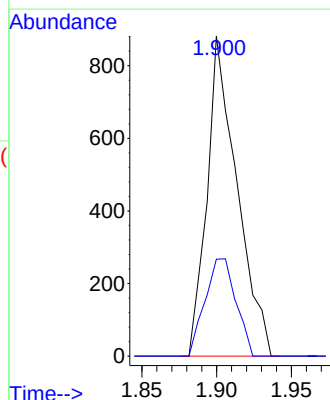
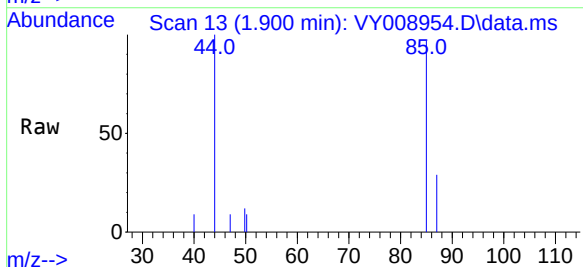
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

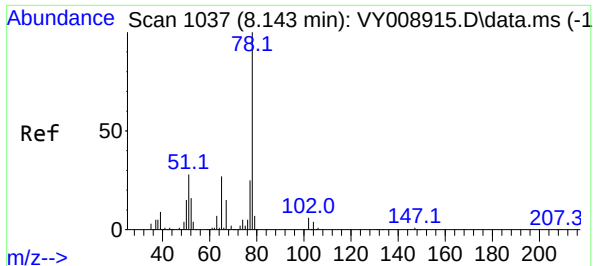
Tgt Ion:168 Resp: 119767
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.120 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 85 Resp: 1227
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 62.274 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008954.D

Acq: 21 May 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

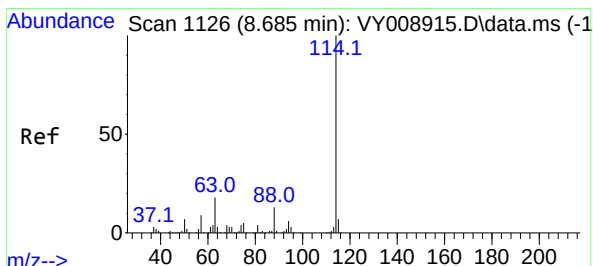
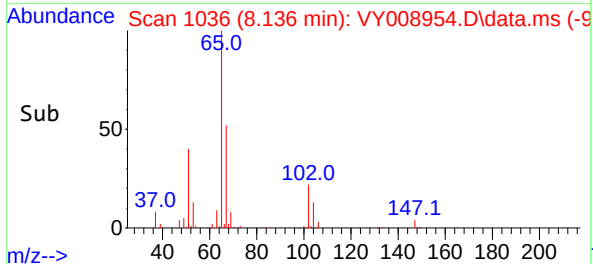
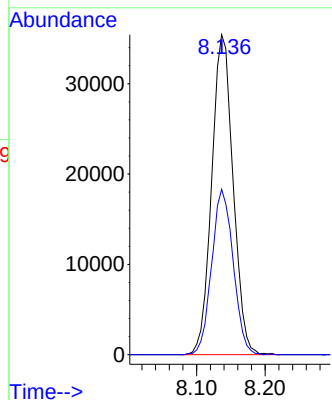
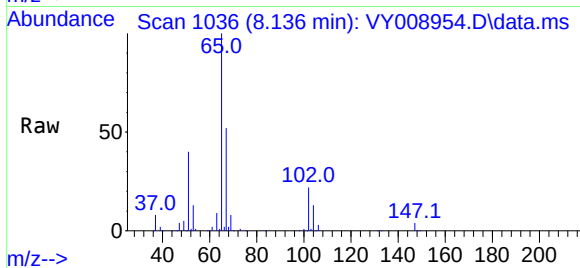
P015-SS002-1218-01

Tgt Ion: 65 Resp: 76760

Ion Ratio Lower Upper

65 100

67 52.0 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: VY008954.D

Acq: 21 May 2022 17:00

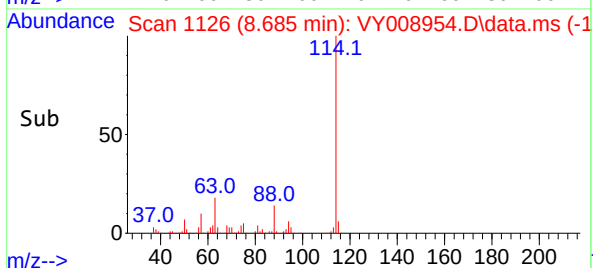
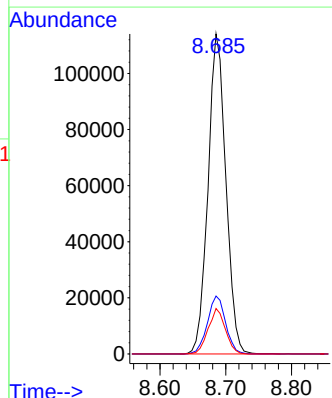
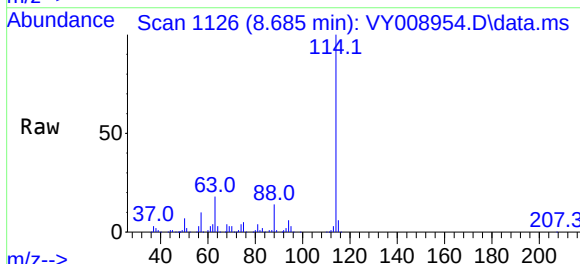
Tgt Ion:114 Resp: 215434

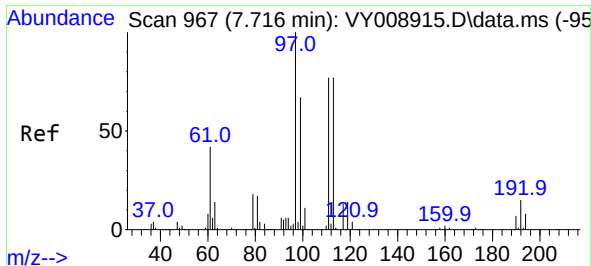
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8

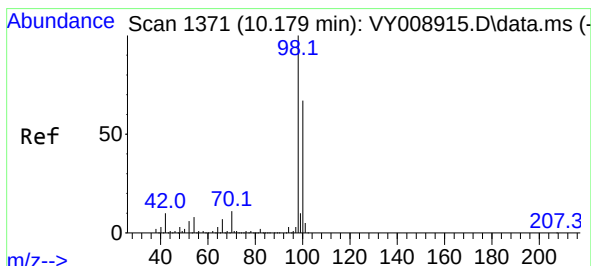
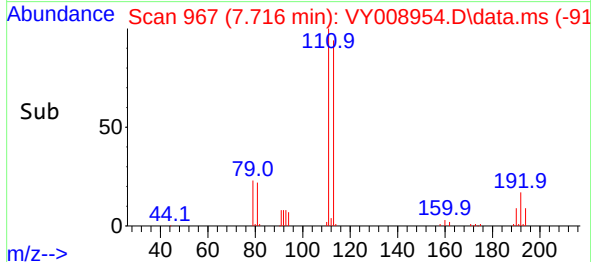
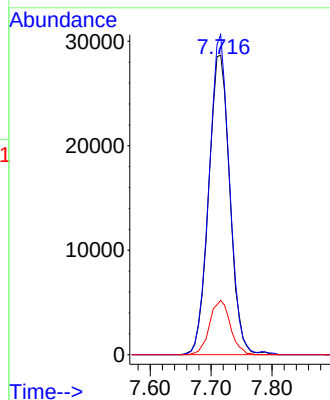
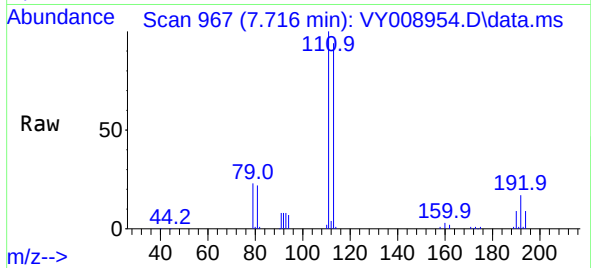




#35
Dibromofluoromethane
Concen: 51.687 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

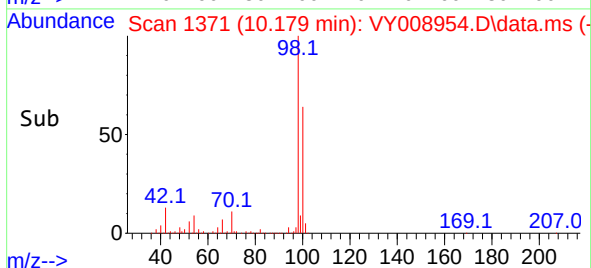
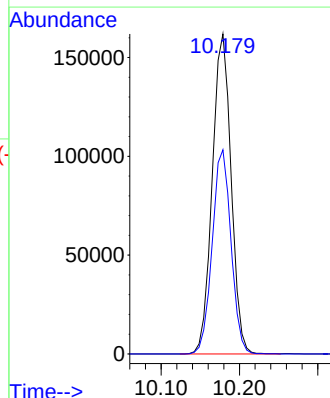
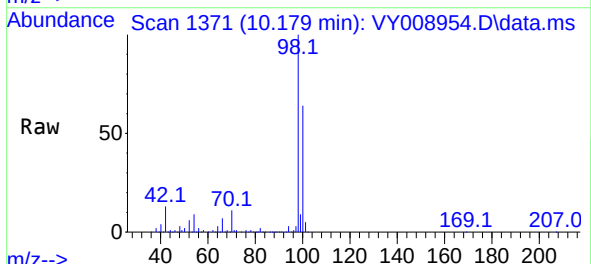
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

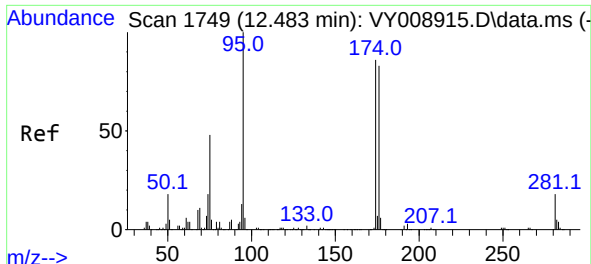
Tgt Ion:113 Resp: 69243
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.7 17.6 26.4



#50
Toluene-d8
Concen: 54.675 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

Tgt Ion: 98 Resp: 270216
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

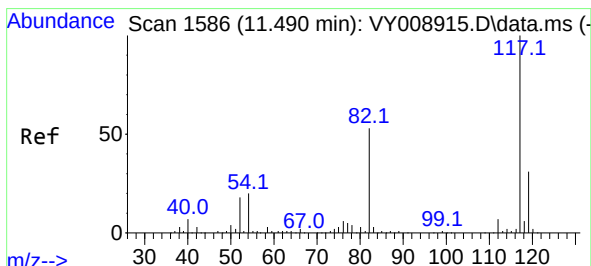
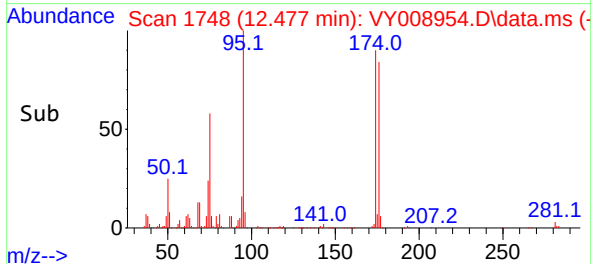
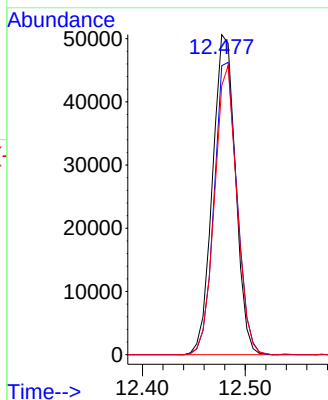
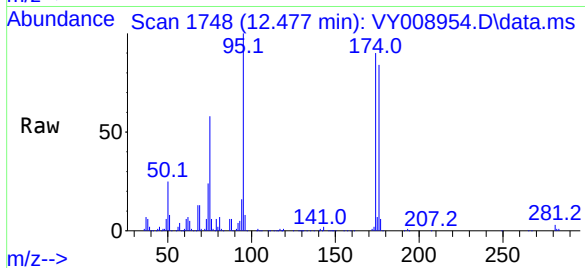




#62
4-Bromofluorobenzene
Concen: 39.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

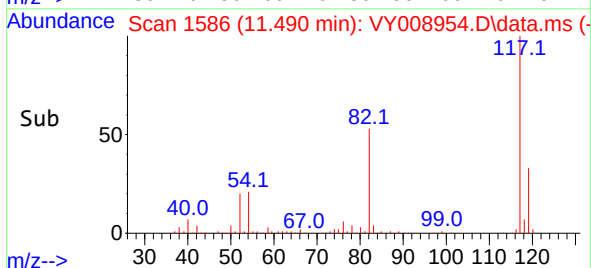
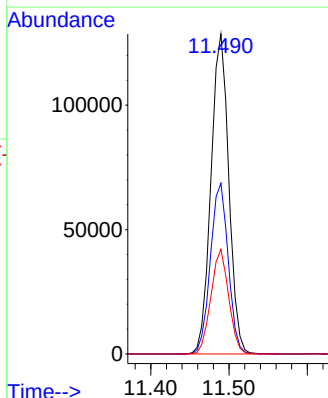
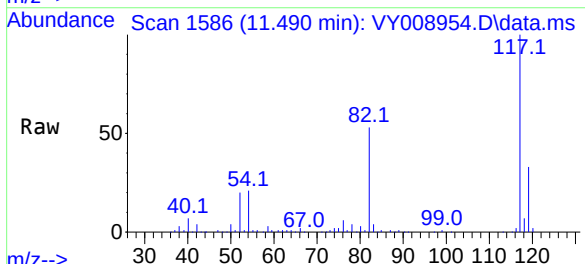
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-1218-01

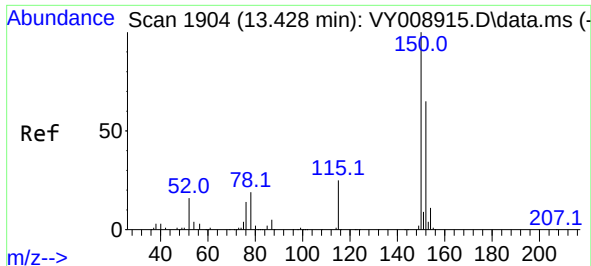
Tgt Ion: 95 Resp: 78405
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 87.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008954.D
Acq: 21 May 2022 17:00

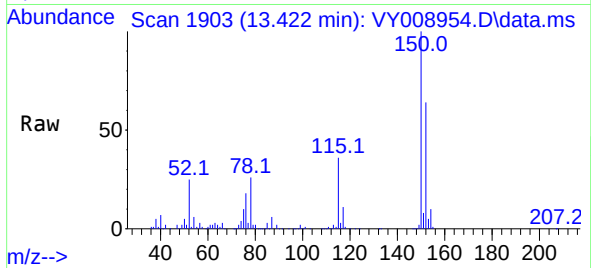
Tgt Ion: 117 Resp: 203061
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008954.D
 Acq: 21 May 2022 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-1218-01



Tgt Ion:152 Resp: 90108
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.9 0.0 347.6

