

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009144.D
 Acq On : 06 Jun 2022 13:54
 Operator : KP/MD
 Sample : N3176-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEWARK-SP

Quant Time: Jun 07 02:31:17 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	72284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46866	62.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.000%
35) Dibromofluoromethane	7.716	113	42807	53.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.179	98	155730	53.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.477	95	43327	36.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.280%

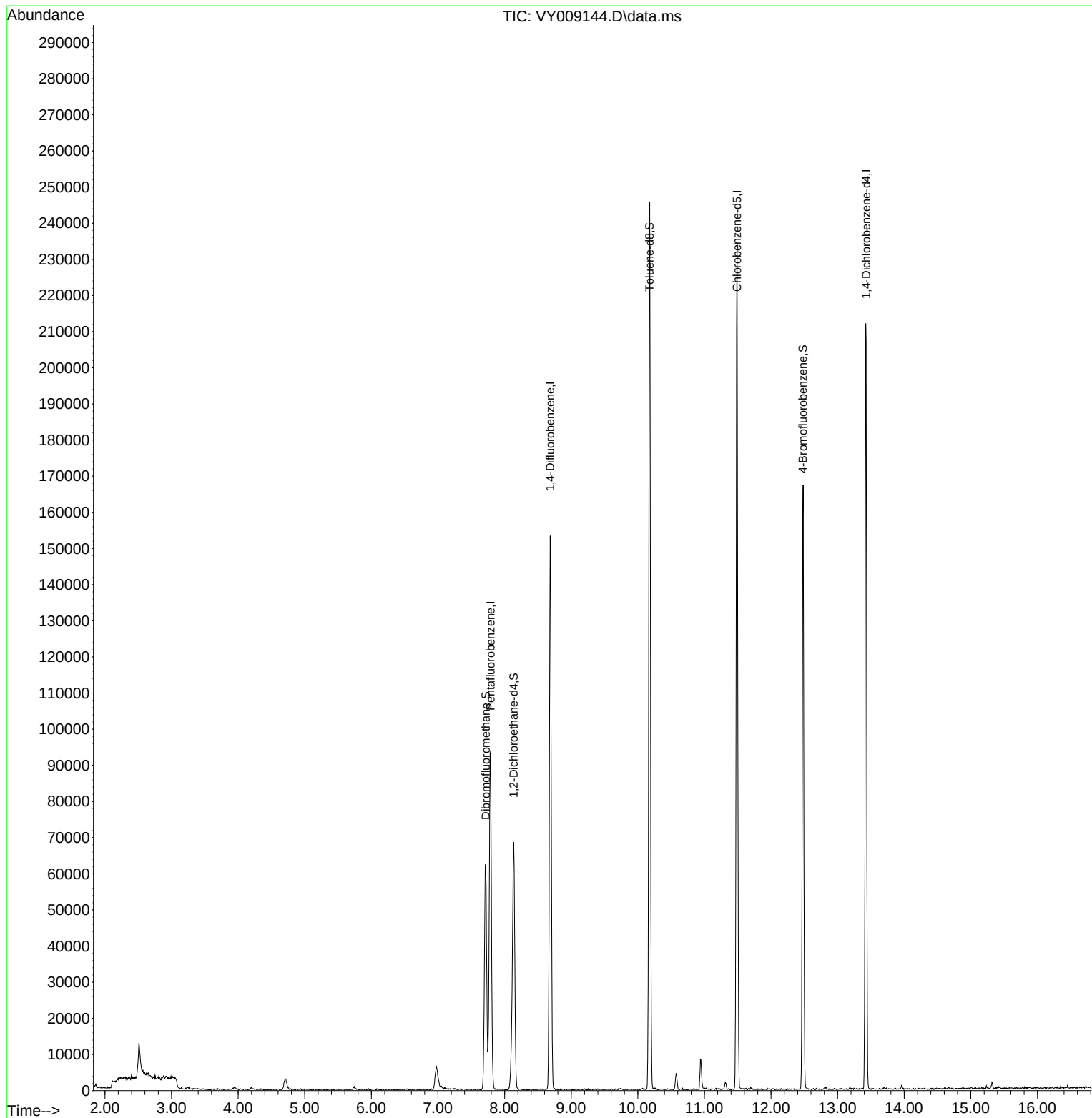
Target Compounds	Qvalue

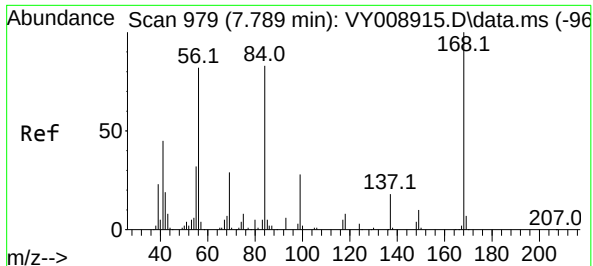
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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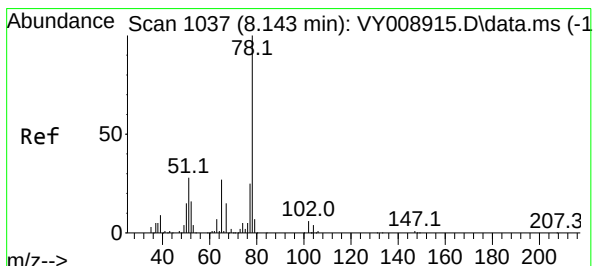
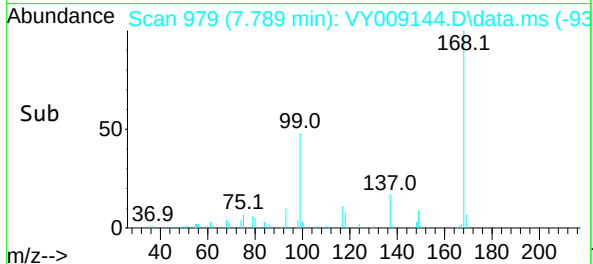
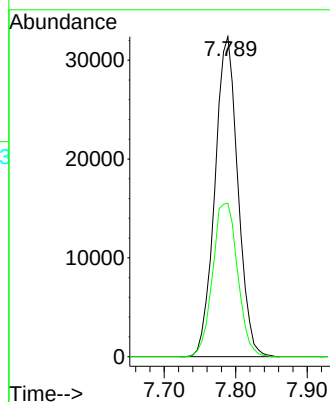
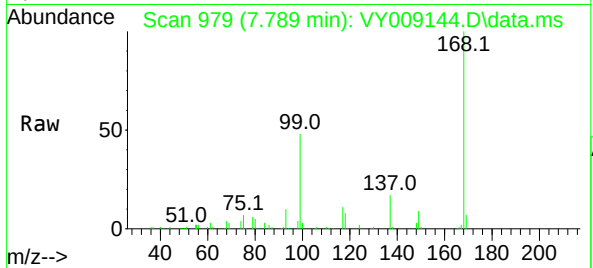




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

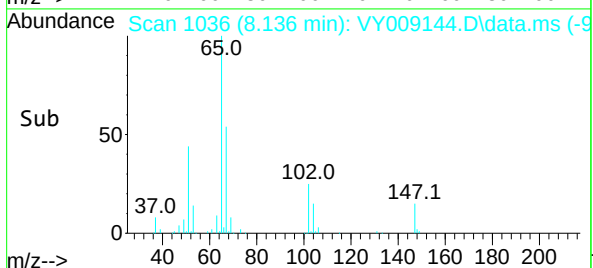
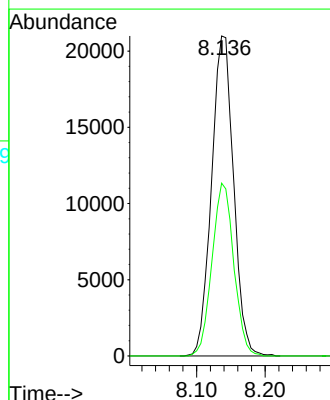
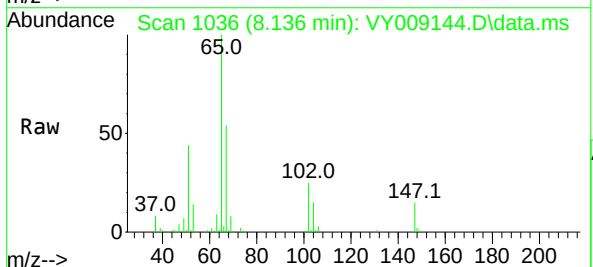
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SP

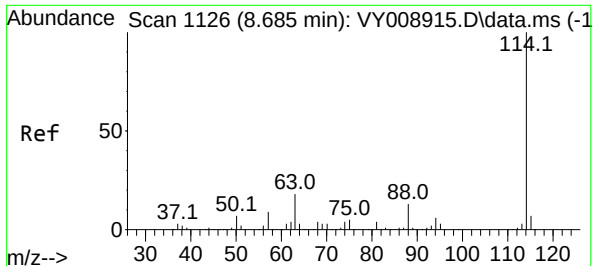
Tgt Ion:168 Resp: 72284
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.997 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

Tgt Ion: 65 Resp: 46866
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009144.D

Acq: 06 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

NEWARK-SP

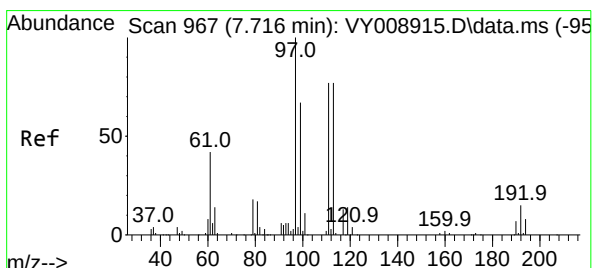
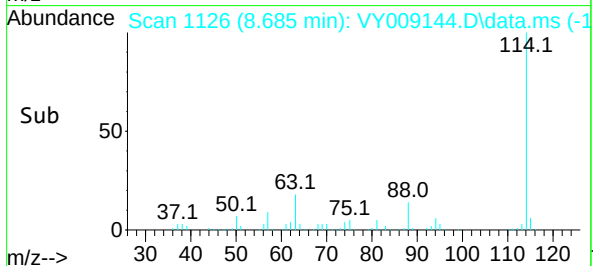
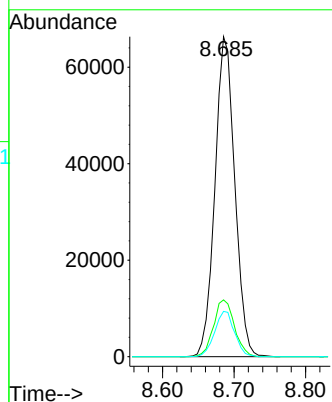
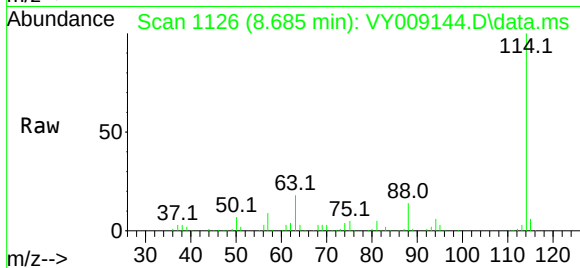
Tgt Ion:114 Resp: 127774

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.876 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009144.D

Acq: 06 Jun 2022 13:54

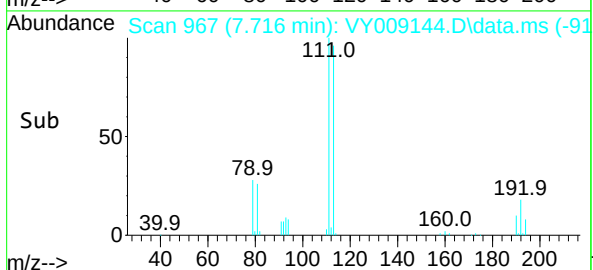
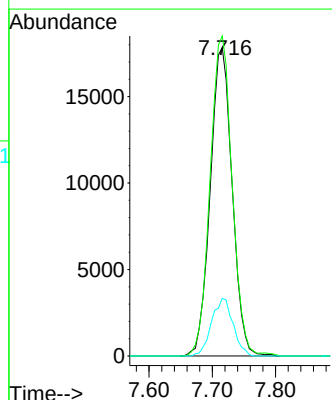
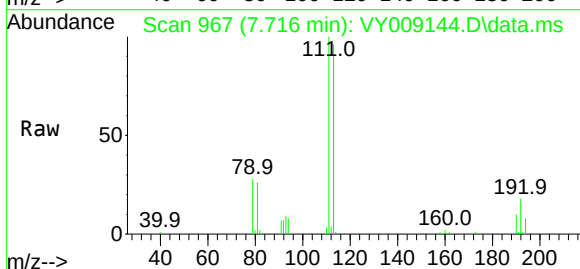
Tgt Ion:113 Resp: 42807

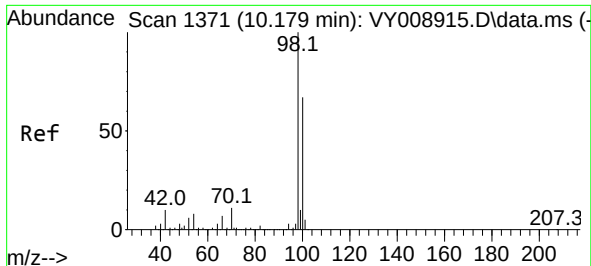
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 18.3 17.6 26.4

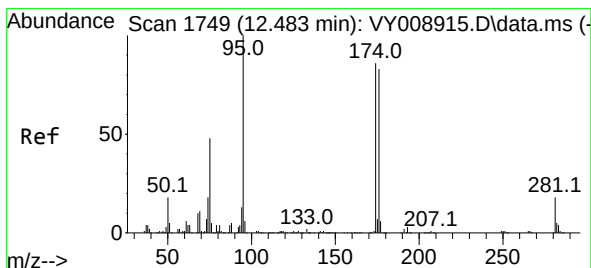
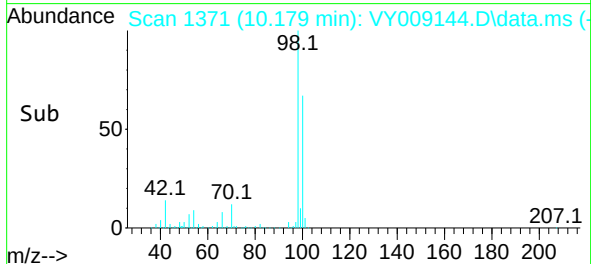
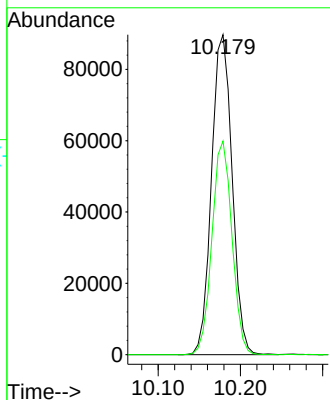
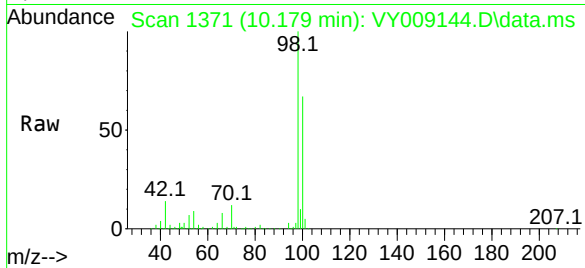




#50
Toluene-d8
Concen: 53.128 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

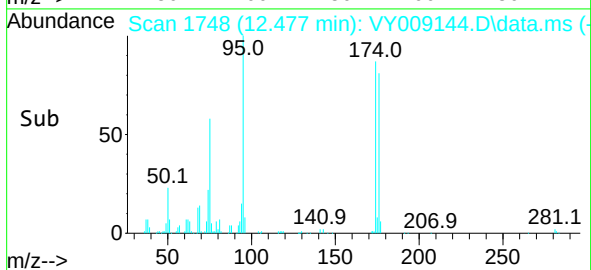
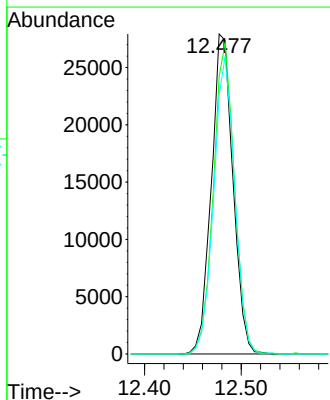
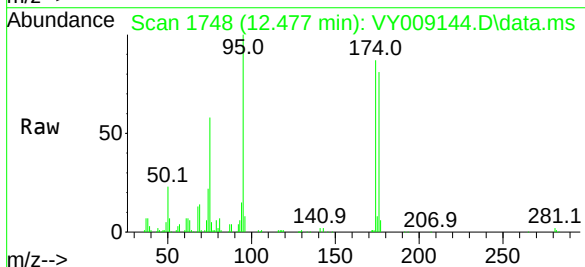
Instrument :
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NEWARK-SP

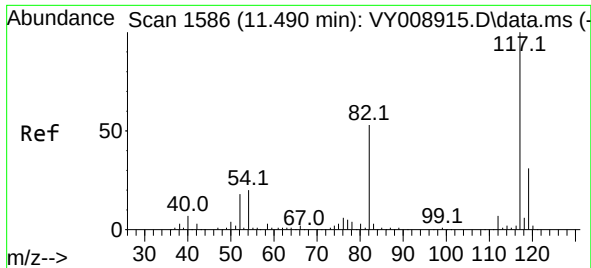
Tgt Ion: 98 Resp: 155730
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.643 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

Tgt Ion: 95 Resp: 43327
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 90.7 0.0 175.8

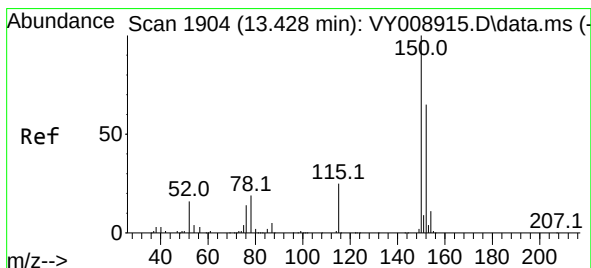
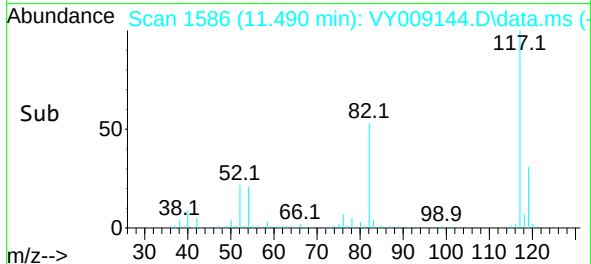
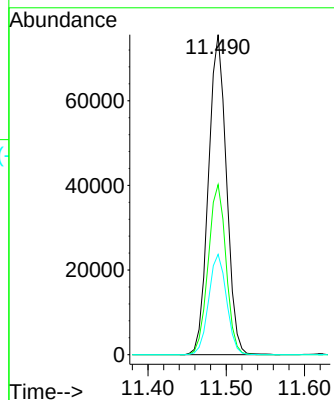
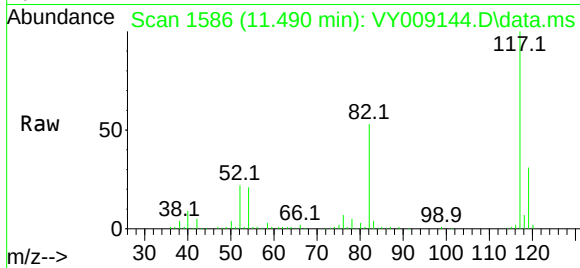




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SP

Tgt Ion:117 Resp: 120372
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009144.D
Acq: 06 Jun 2022 13:54

Tgt Ion:152 Resp: 51092
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.6 0.0 347.6

