

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009170.D
 Acq On : 07 Jun 2022 17:38
 Operator : KP/MD
 Sample : N3176-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEWARK-SPRE

Quant Time: Jun 08 07:58:51 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	83515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54660	63.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.180%
35) Dibromofluoromethane	7.716	113	49569	53.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.179	98	186593	54.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.483	95	52395	37.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.720%

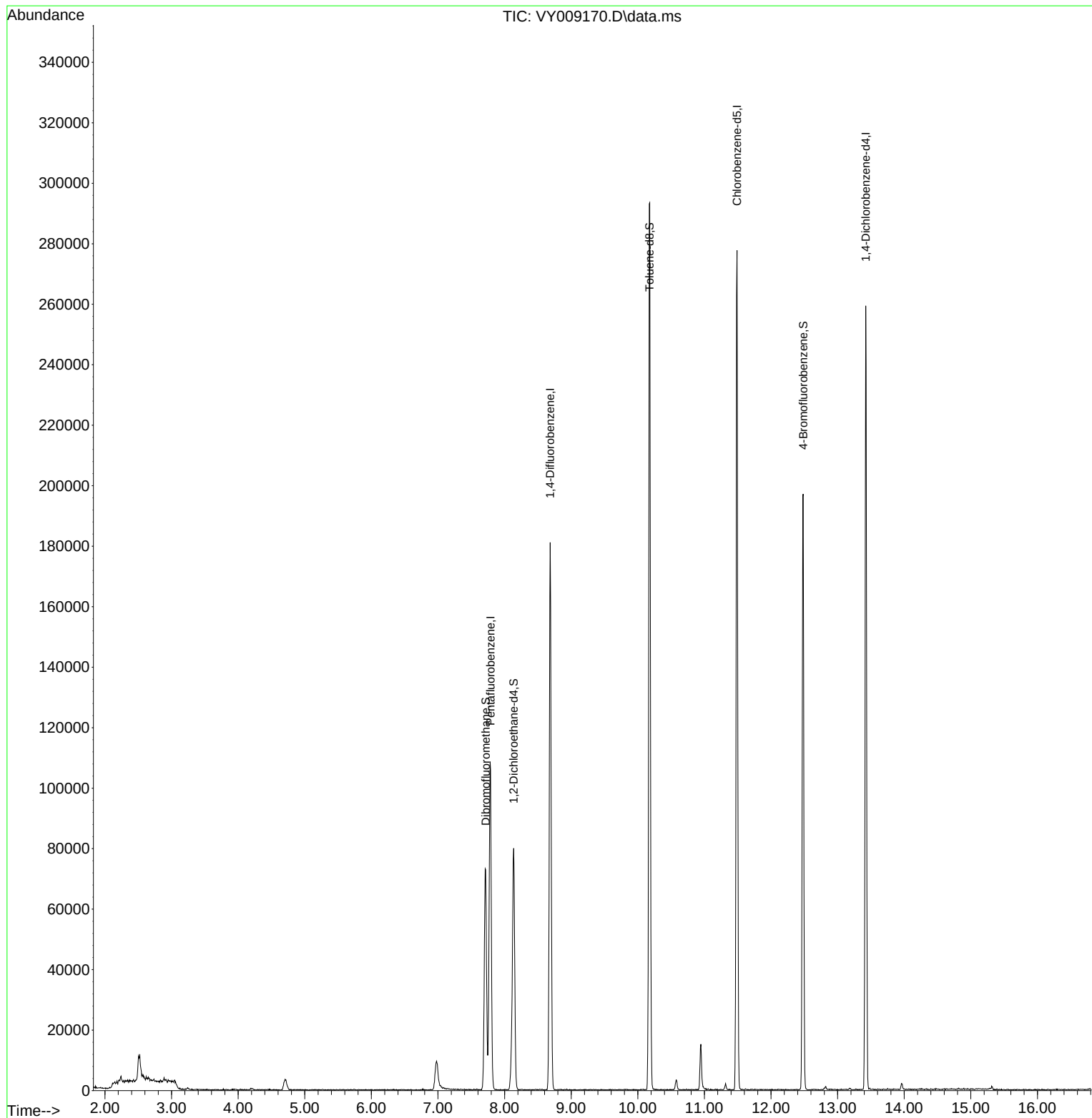
Target Compounds	Qvalue

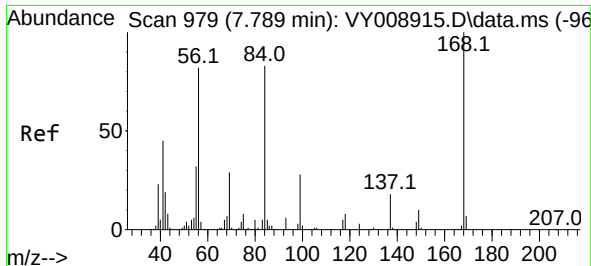
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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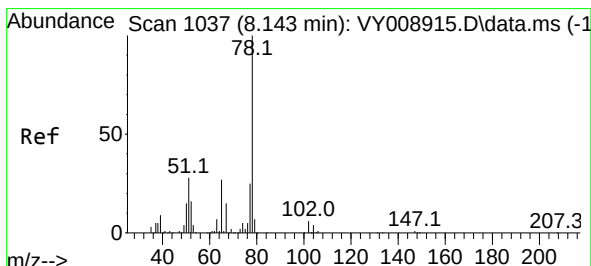
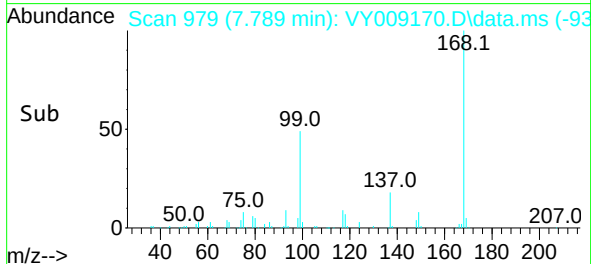
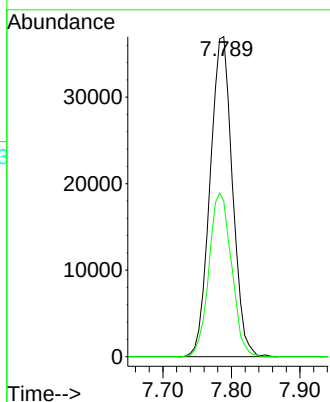
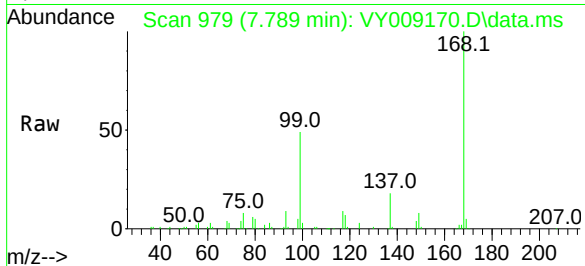




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

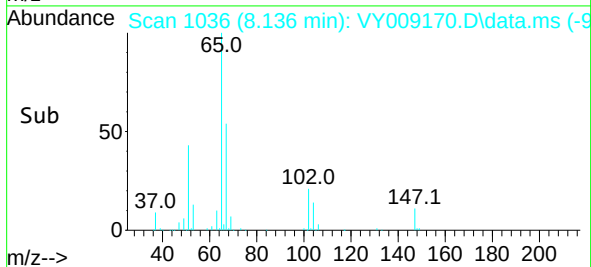
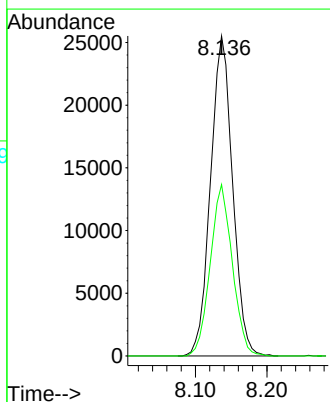
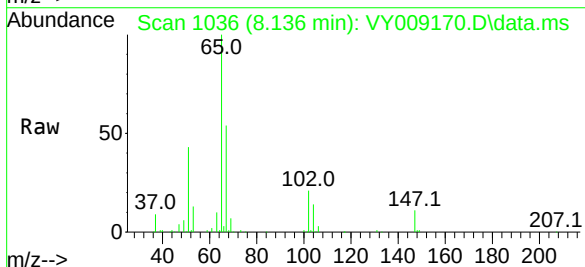
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

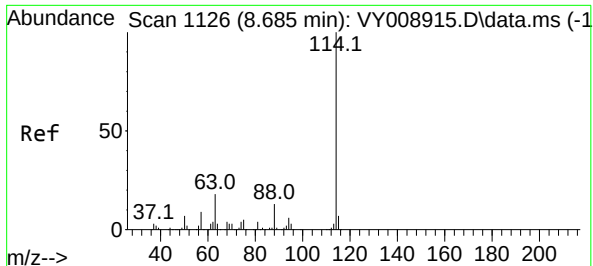
Tgt Ion:168 Resp: 83515
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.593 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 65 Resp: 54660
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

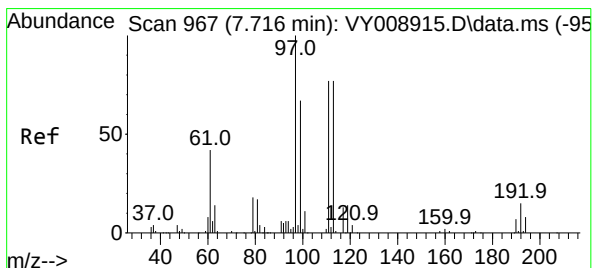
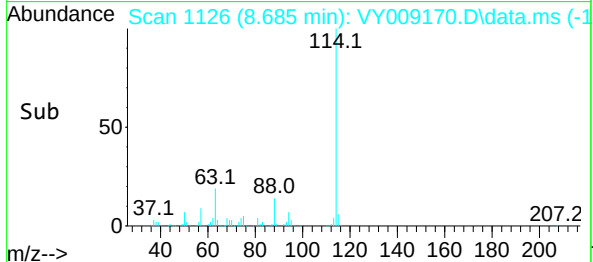
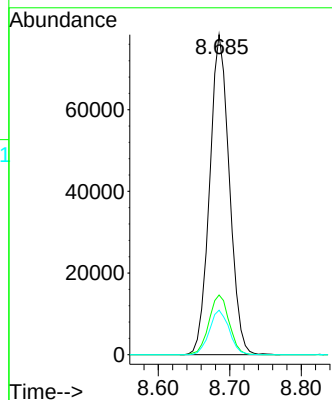
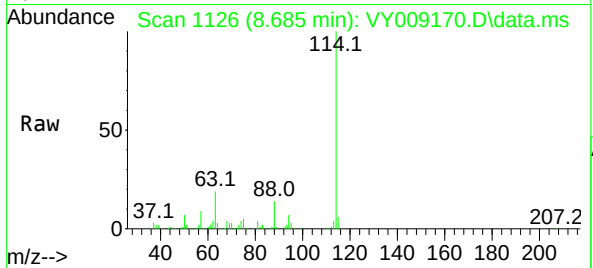




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

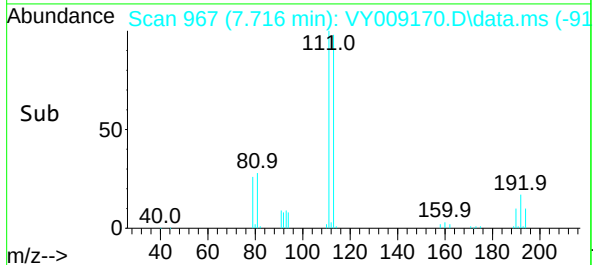
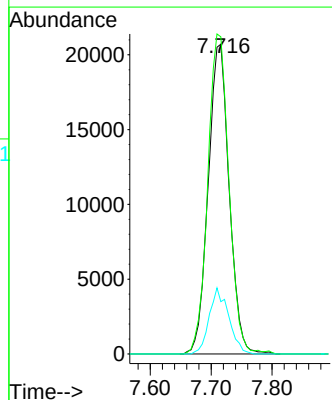
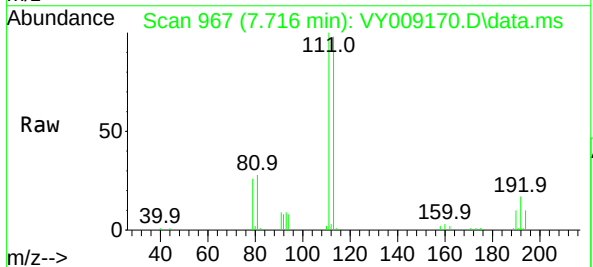
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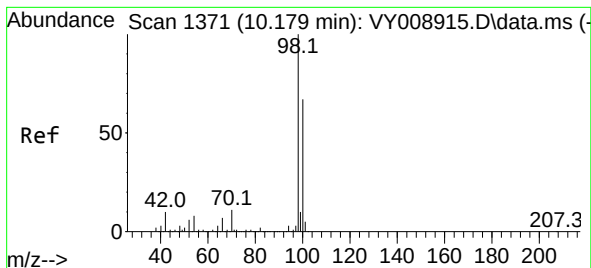
Tgt Ion:114 Resp: 149560
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.298 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion:113 Resp: 49569
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.9 17.6 26.4

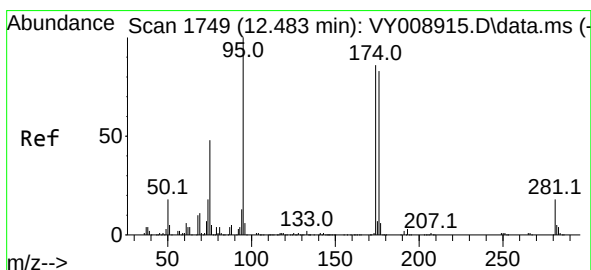
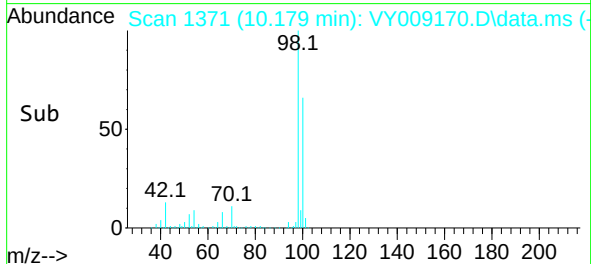
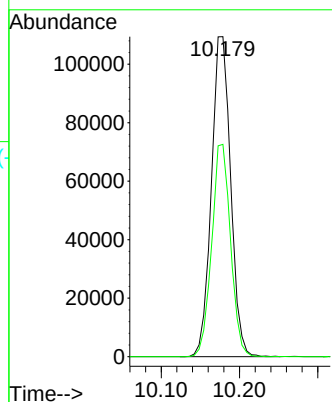
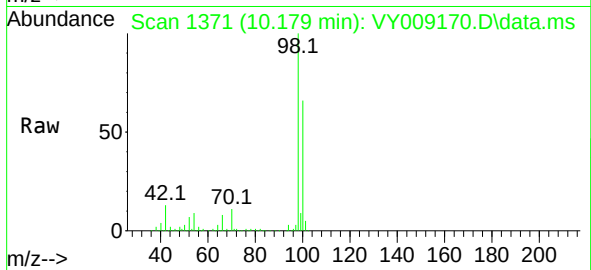




#50
Toluene-d8
Concen: 54.384 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

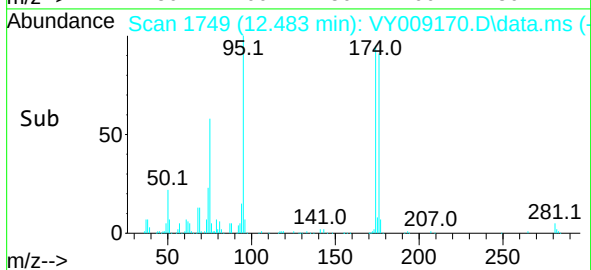
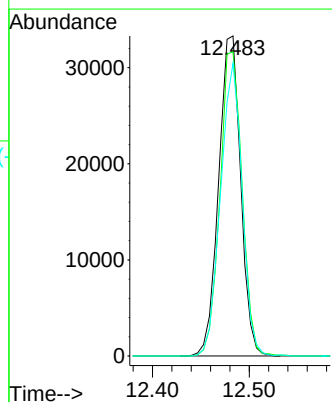
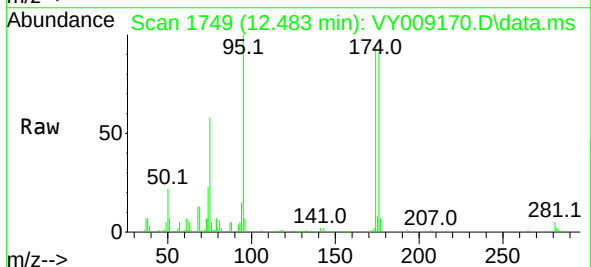
Instrument :
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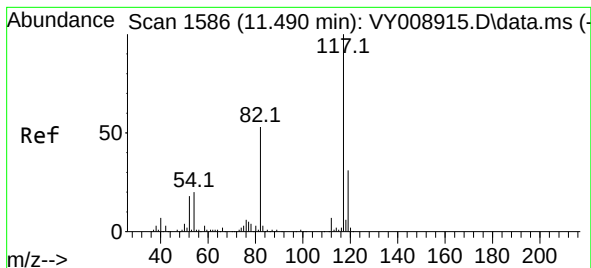
Tgt Ion: 98 Resp: 186593
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 95 Resp: 52395
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 90.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009170.D

Acq: 07 Jun 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

NEWARK-SPRE

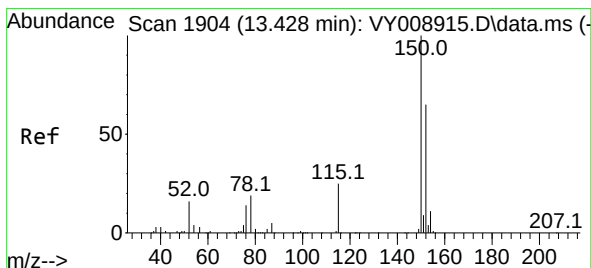
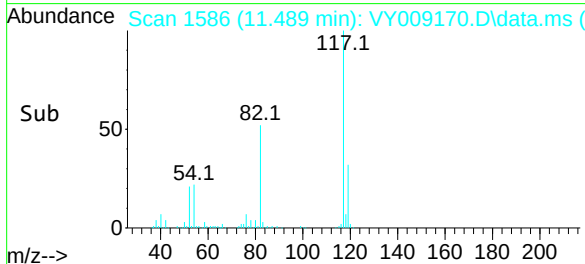
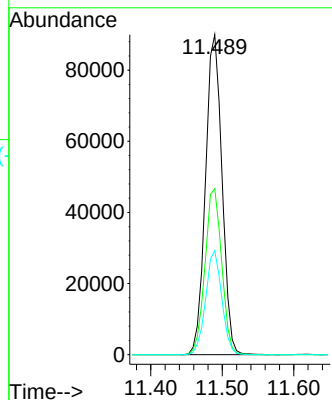
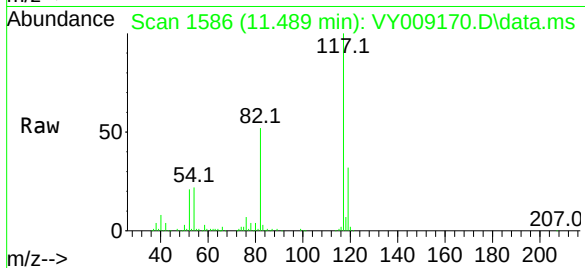
Tgt Ion:117 Resp: 144401

Ion Ratio Lower Upper

117 100

82 51.9 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: VY009170.D

Acq: 07 Jun 2022 17:38

Tgt Ion:152 Resp: 60751

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 160.9 0.0 347.6

