

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009145.D
 Acq On : 06 Jun 2022 14:18
 Operator : KP/MD
 Sample : N3179-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-060222

Quant Time: Jun 07 02:31:27 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	83577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	153884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55044	63.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.980%
35) Dibromofluoromethane	7.716	113	50294	52.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.179	98	179903	50.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.477	95	53471	37.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.100%

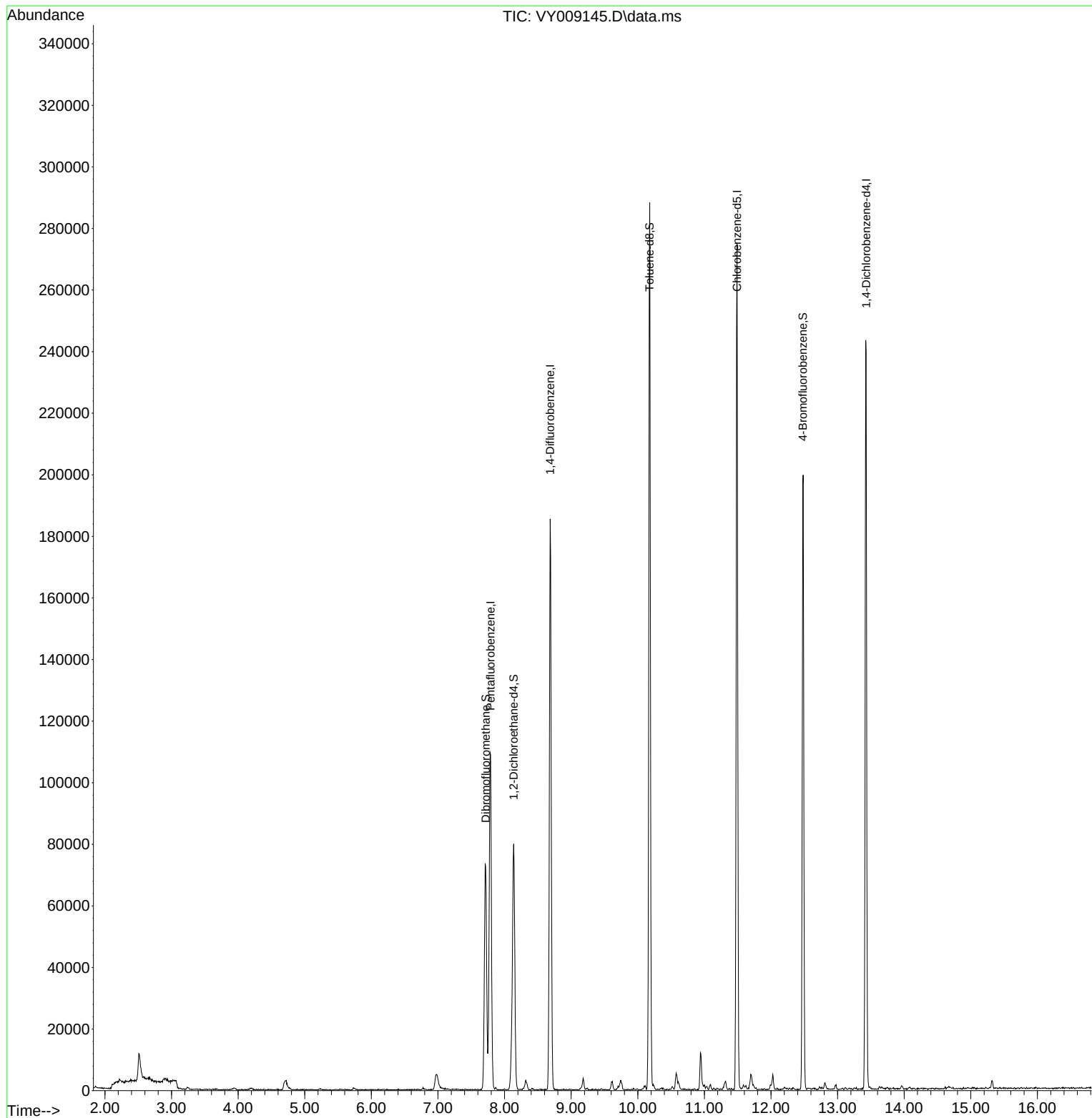
Target Compounds	Qvalue

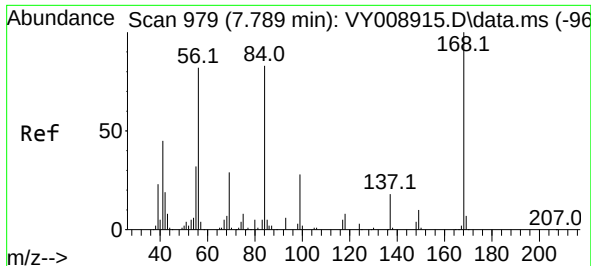
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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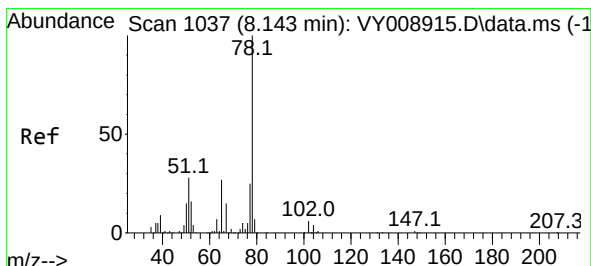
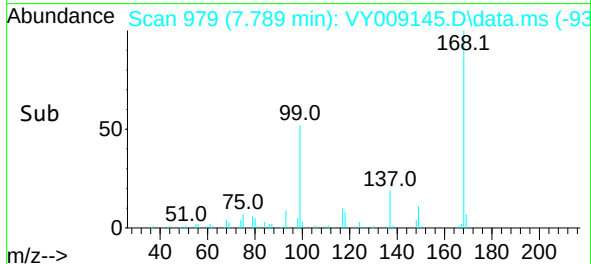
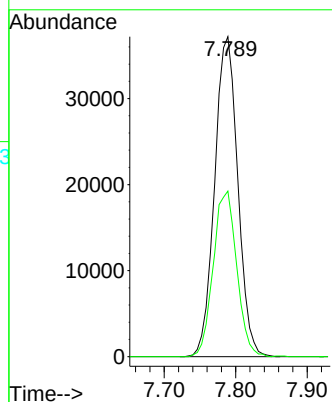
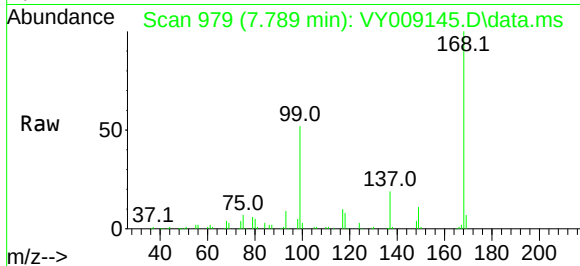




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

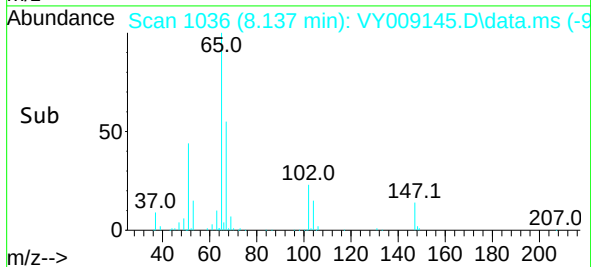
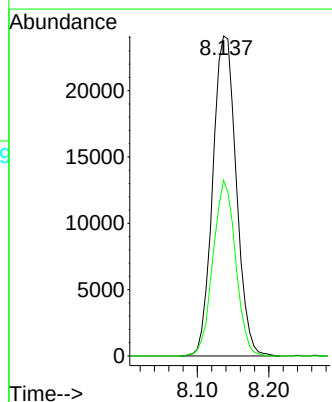
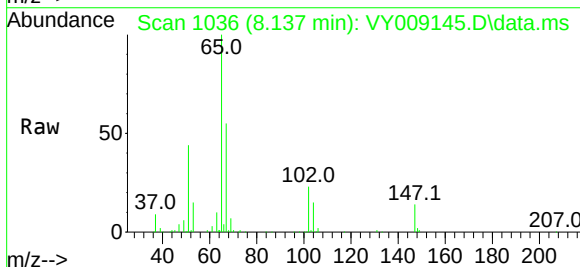
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-060222

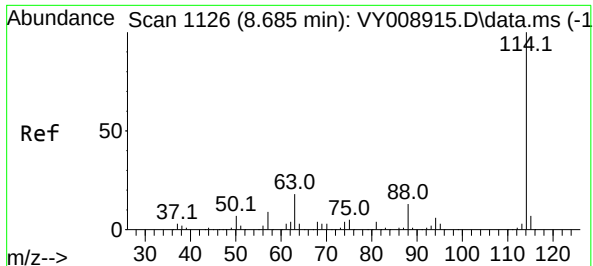
Tgt Ion:168 Resp: 83577
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.993 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion: 65 Resp: 55044
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009145.D

Acq: 06 Jun 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-060222

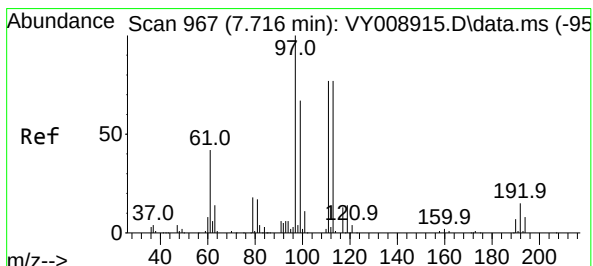
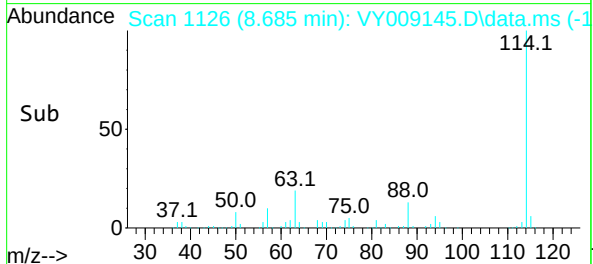
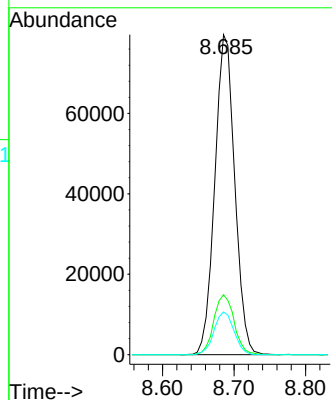
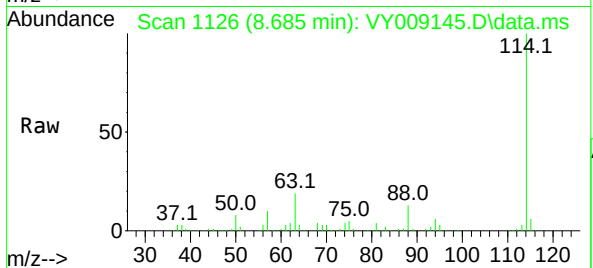
Tgt Ion:114 Resp: 153884

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009145.D

Acq: 06 Jun 2022 14:18

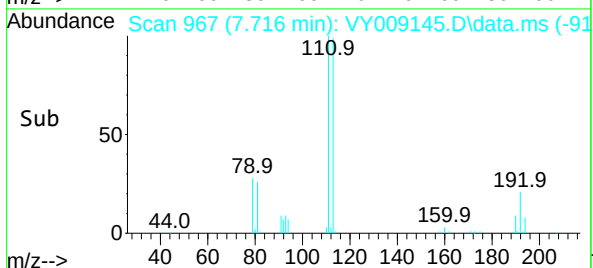
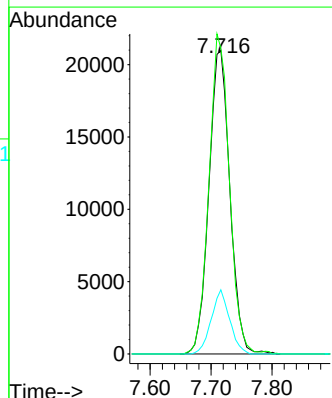
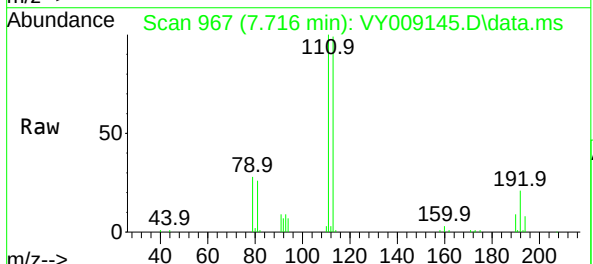
Tgt Ion:113 Resp: 50294

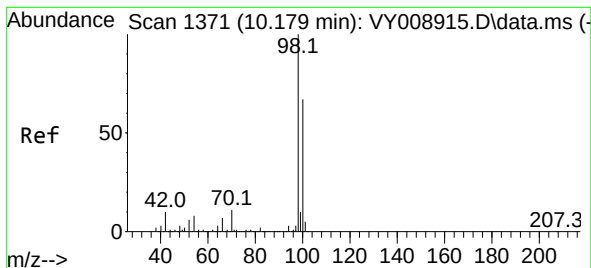
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.5 17.6 26.4





#50

Toluene-d8

Concen: 50.961 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009145.D

Acq: 06 Jun 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

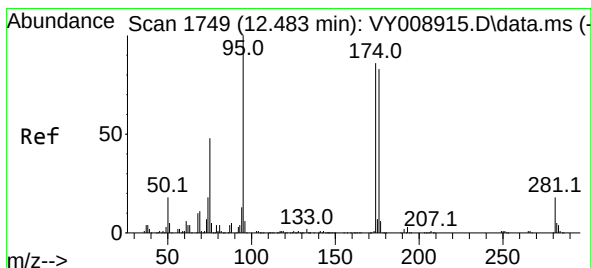
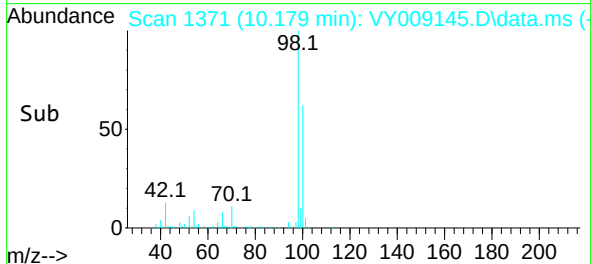
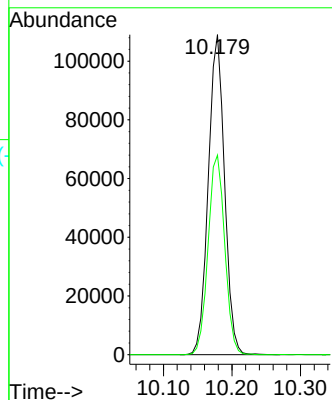
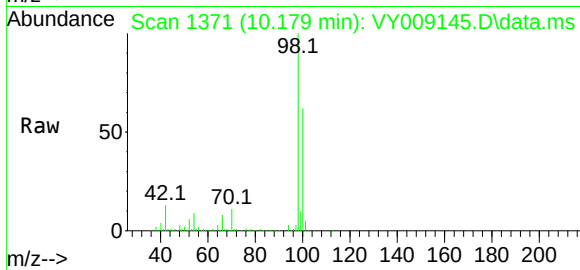
TR-4-060222

Tgt Ion: 98 Resp: 179903

Ion Ratio Lower Upper

98 100

100 63.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.549 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009145.D

Acq: 06 Jun 2022 14:18

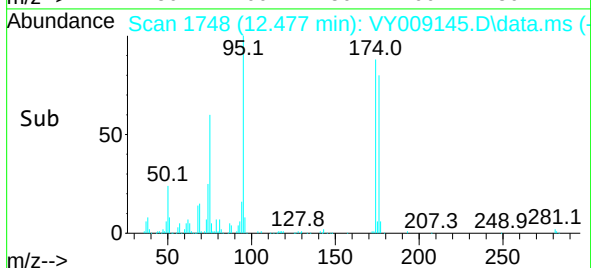
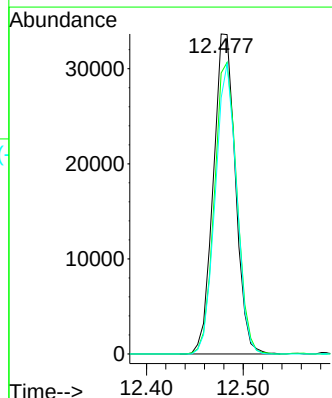
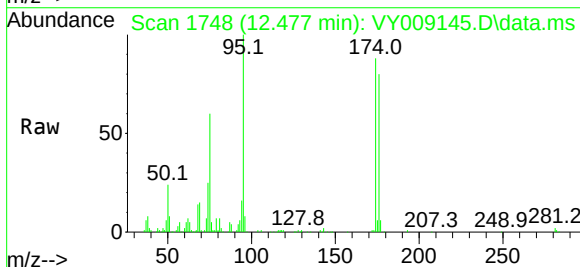
Tgt Ion: 95 Resp: 53471

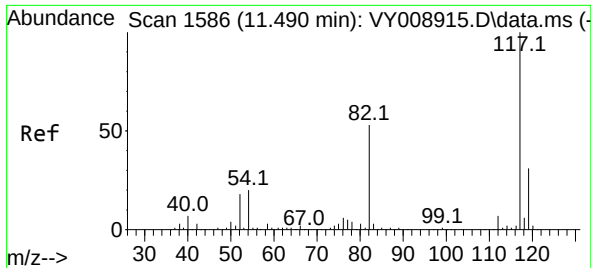
Ion Ratio Lower Upper

95 100

174 92.3 0.0 177.0

176 87.4 0.0 175.8

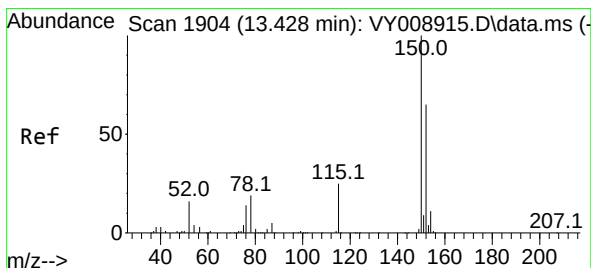
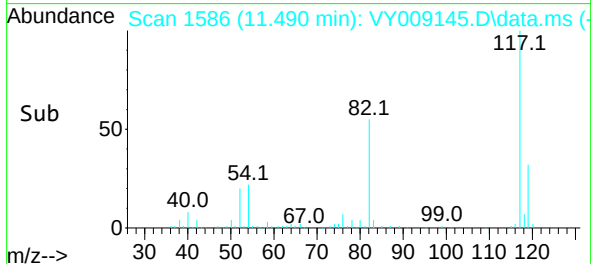
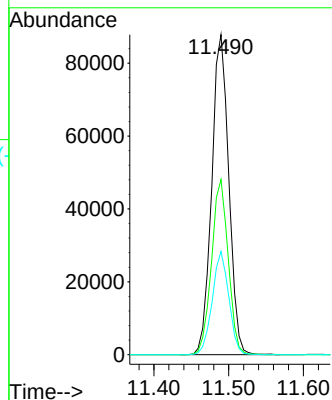
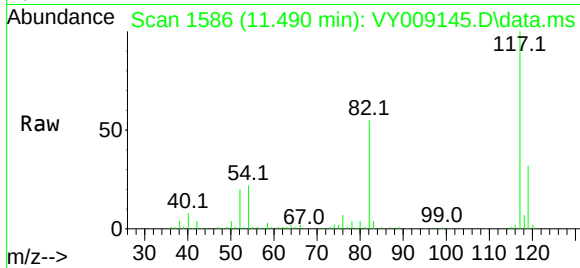




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009145.D
Acq: 06 Jun 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-060222

Tgt Ion:117 Resp: 139262
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.3 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: VY009145.D
Acq: 06 Jun 2022 14:18

Tgt Ion:152 Resp: 60309
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.3 0.0 347.6

