

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010878.D
 Acq On : 07 Oct 2022 17:35
 Operator : KP/MD
 Sample : N5046-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-8

Quant Time: Oct 08 04:48:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	279258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	423497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157194	55.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.710	113	153783	47.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.080%
50) Toluene-d8	10.179	98	576322	51.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.477	95	170412	38.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.280%

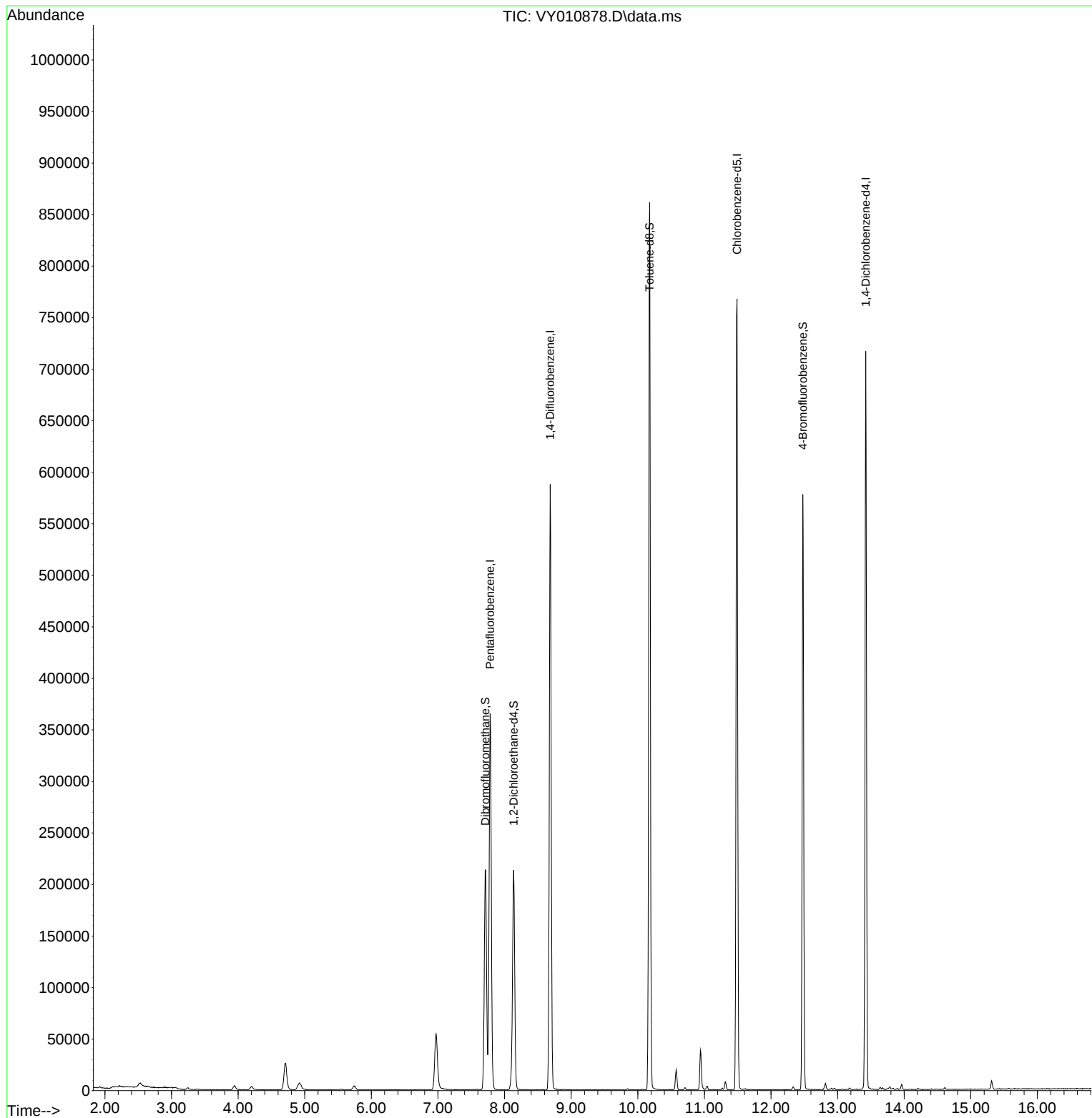
Target Compounds	Qvalue

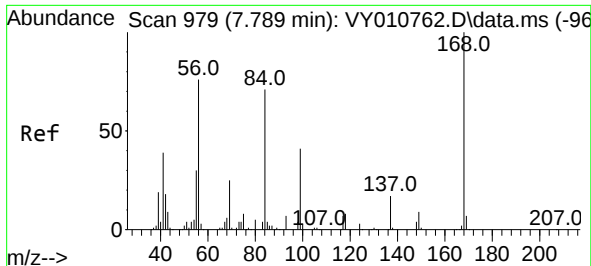
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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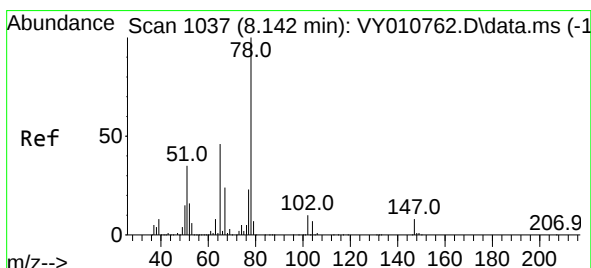
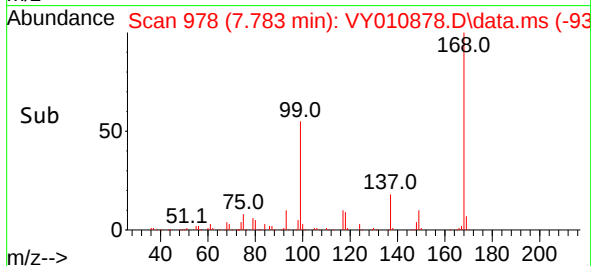
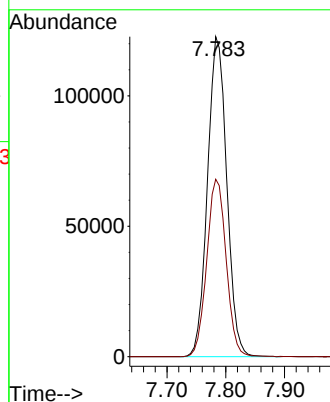
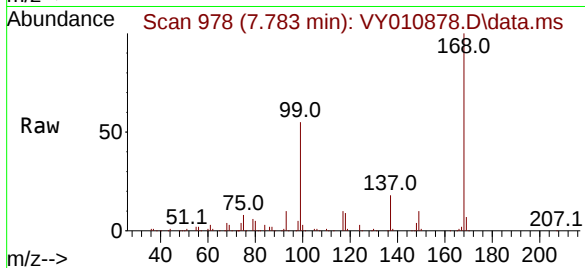




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

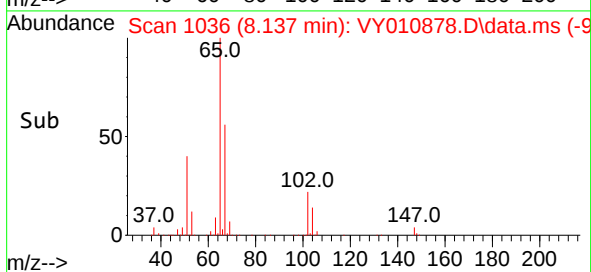
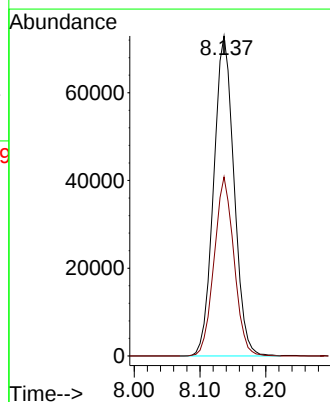
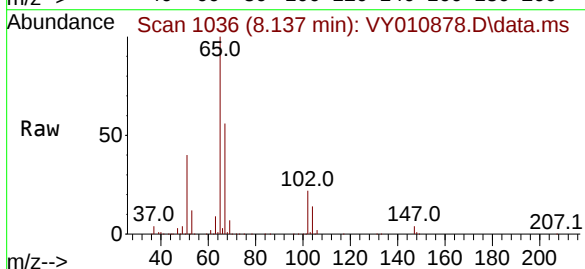
Instrument :
MSVOA_Y
ClientSampleId :
R-8

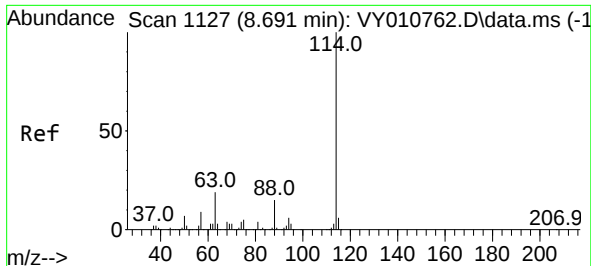
Tgt Ion:168 Resp: 279258
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.533 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

Tgt Ion: 65 Resp: 157194
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

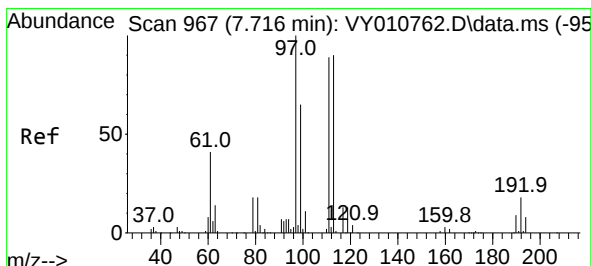
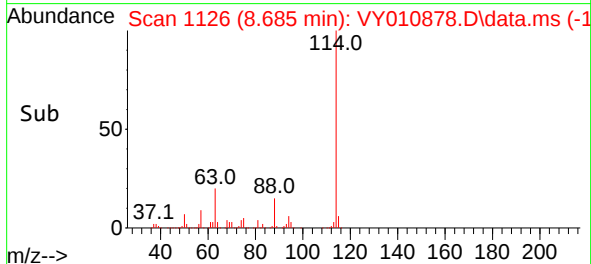
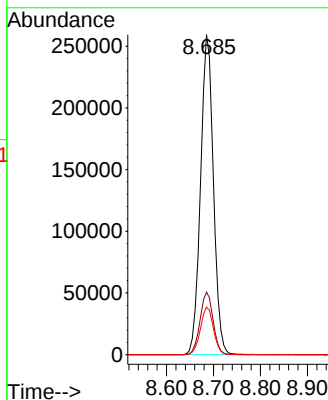
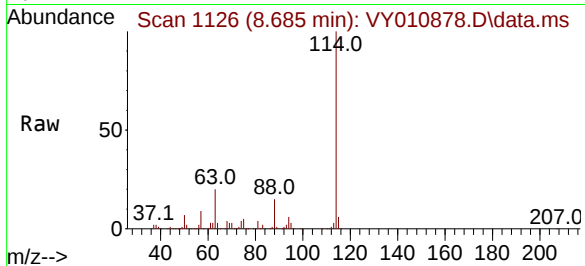




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

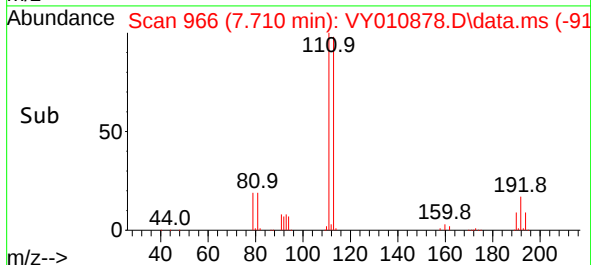
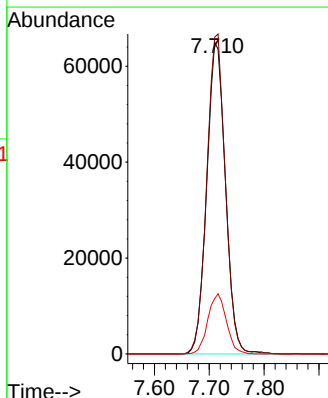
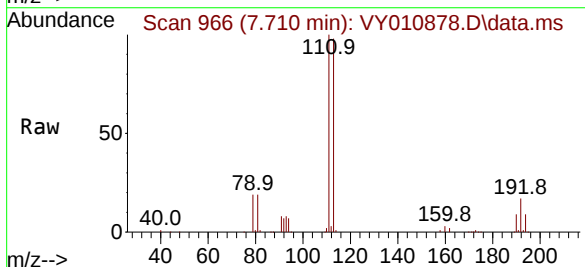
Instrument :
MSVOA_Y
ClientSampleId :
R-8

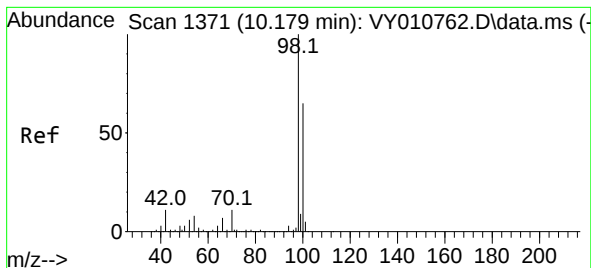
Tgt Ion:114 Resp: 492534
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.036 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

Tgt Ion:113 Resp: 153783
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 51.544 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010878.D

Acq: 07 Oct 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

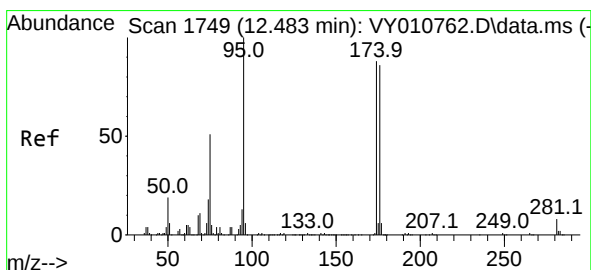
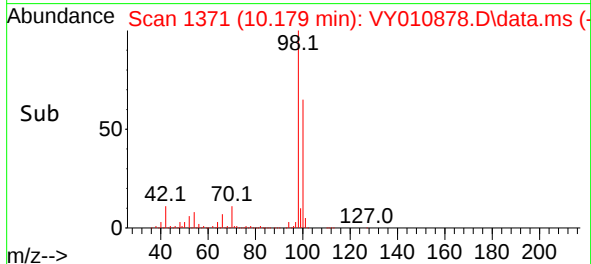
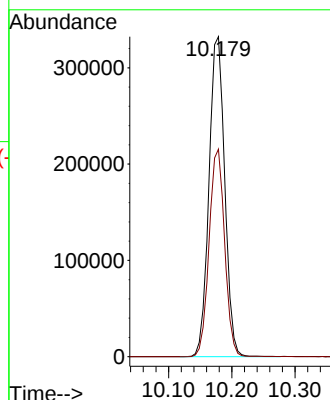
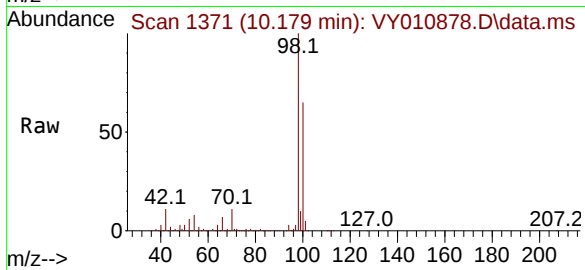
R-8

Tgt Ion: 98 Resp: 576322

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 38.138 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY010878.D

Acq: 07 Oct 2022 17:35

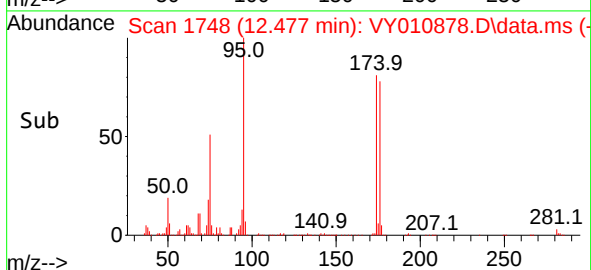
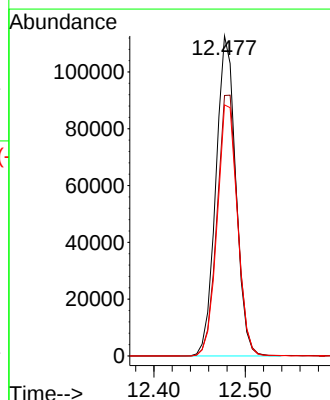
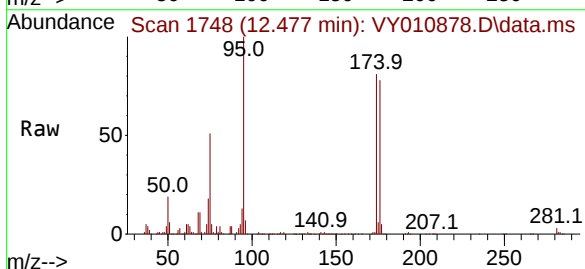
Tgt Ion: 95 Resp: 170412

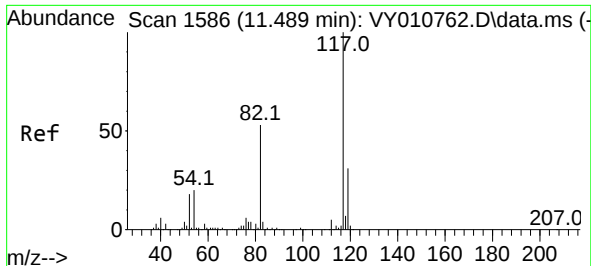
Ion Ratio Lower Upper

95 100

174 83.9 0.0 177.0

176 80.1 0.0 175.8

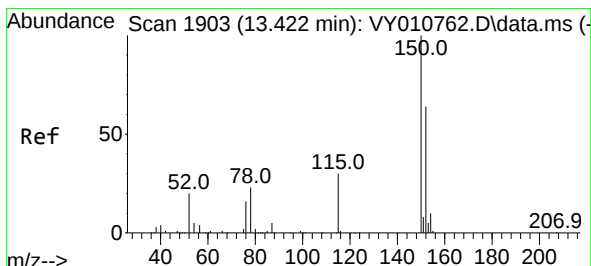
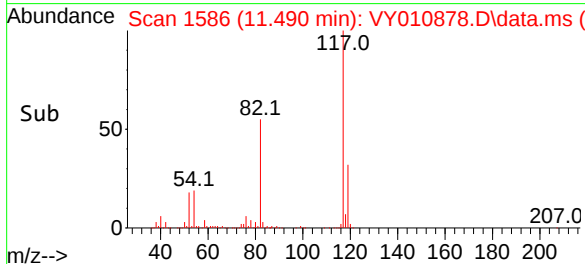
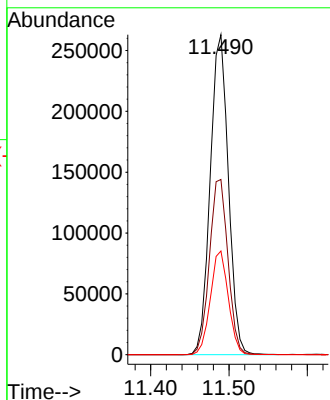
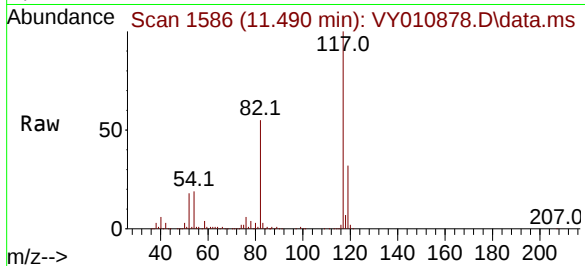




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :
R-8

Tgt Ion:117 Resp: 423497
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010878.D
Acq: 07 Oct 2022 17:35

Tgt Ion:152 Resp: 180309
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 156.8 0.0 347.6

