

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010282.D
 Acq On : 02 Sep 2022 16:31
 Operator : KP/MD
 Sample : N4433-04
 Misc : 3.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-BLIND-DUPLICATE

Quant Time: Sep 02 16:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	298551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	512241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	480424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	217804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	175110	57.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.710	113	155773	45.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.360%
50) Toluene-d8	10.179	98	618760	54.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.477	95	218713	47.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.040%

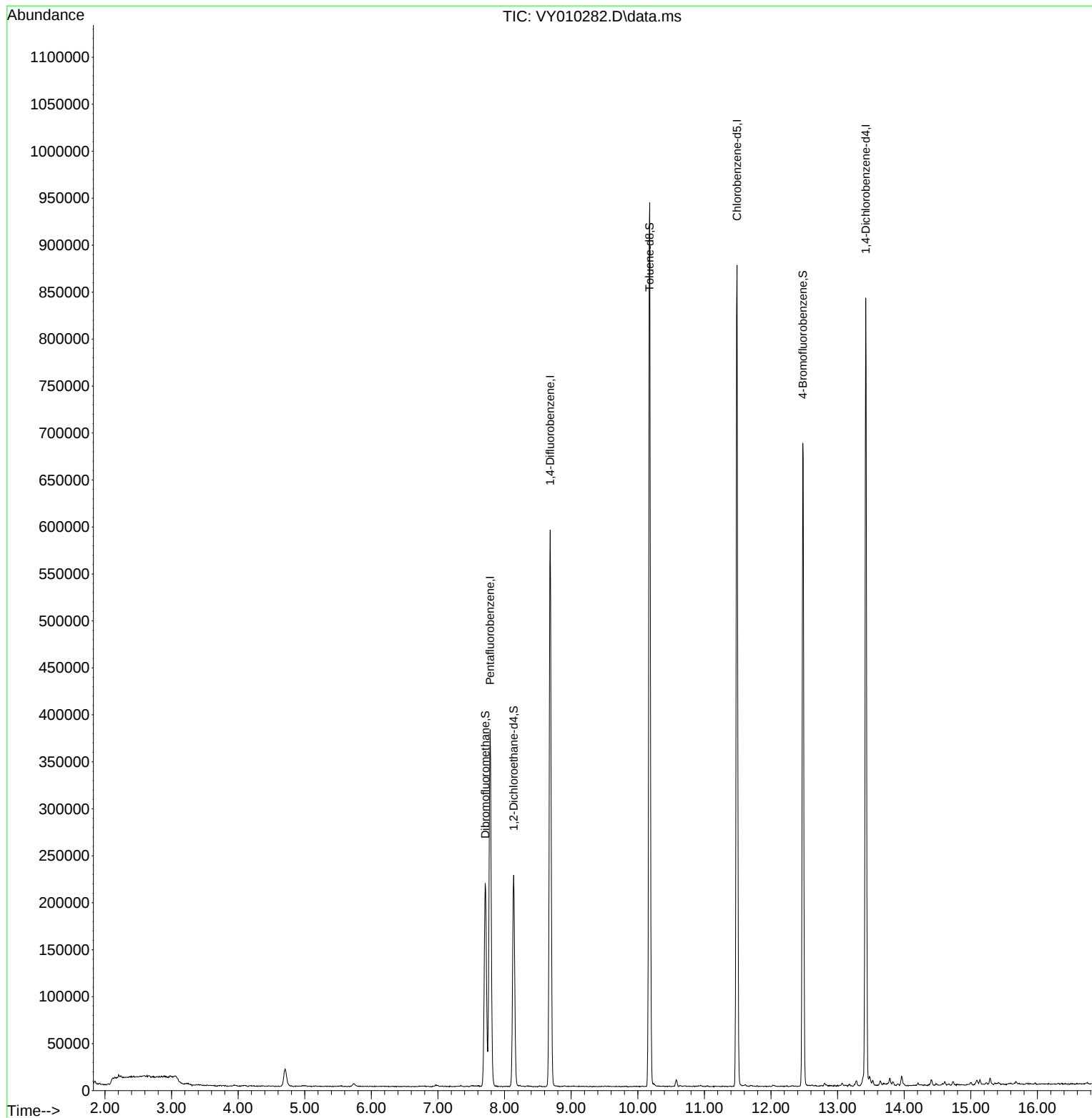
Target Compounds	Qvalue

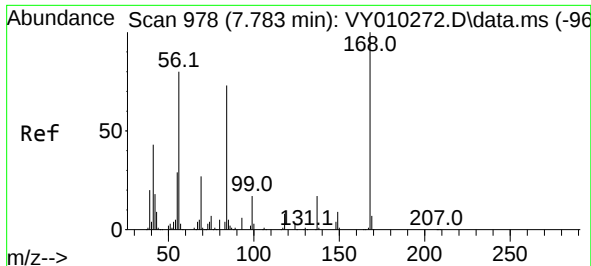
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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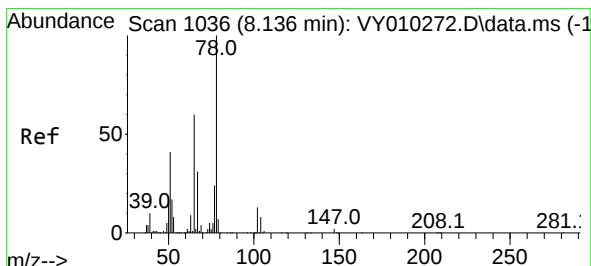
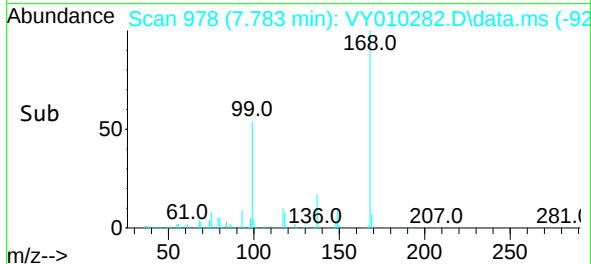
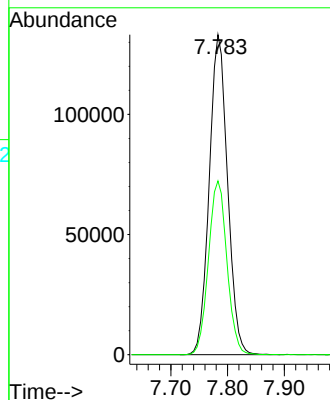
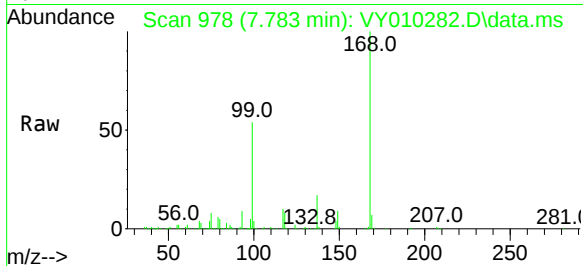




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

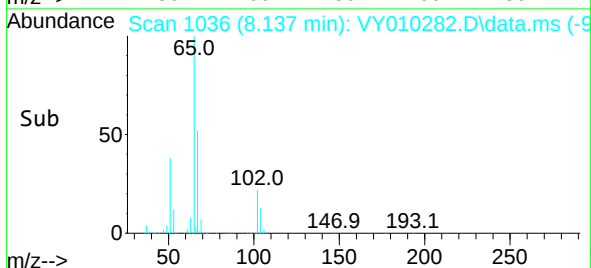
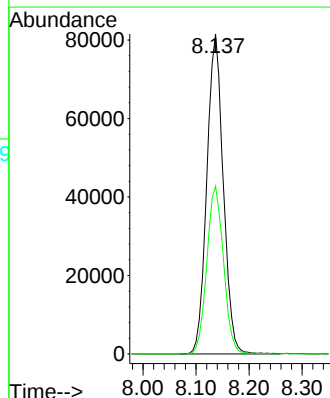
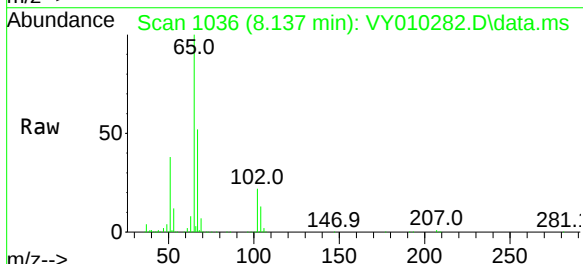
Instrument :
MSVOA_Y
ClientSampleId :
EP-BLIND-DUPLICATE

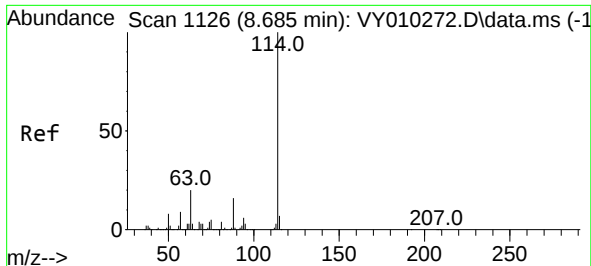
Tgt Ion:168 Resp: 298551
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.201 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 65 Resp: 175110
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

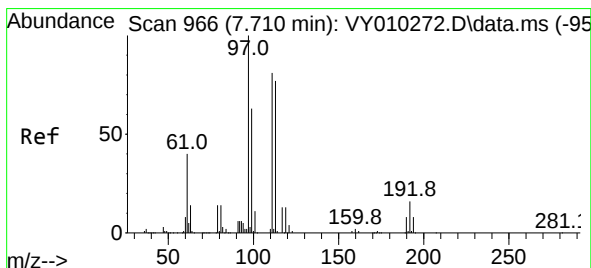
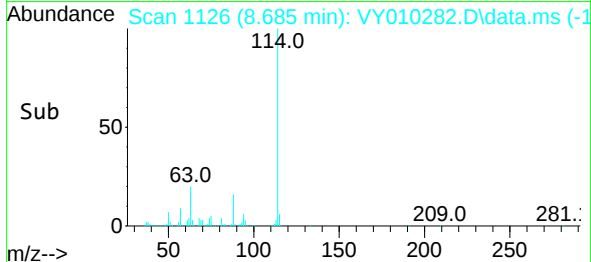
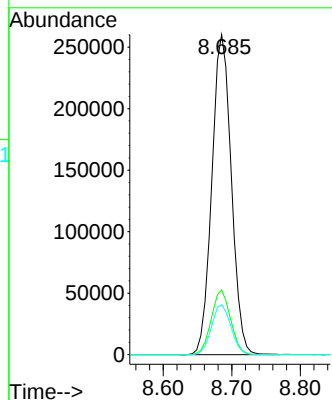
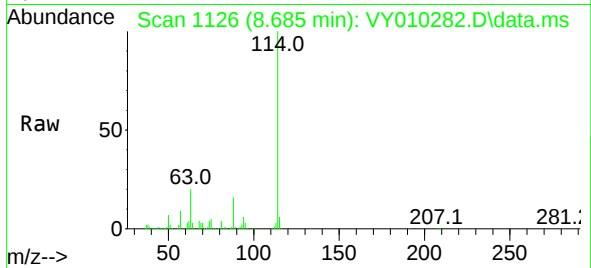




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

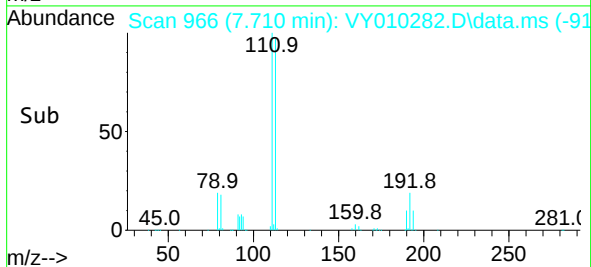
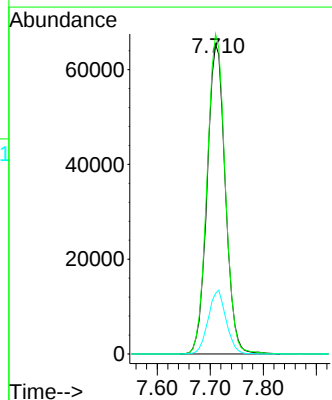
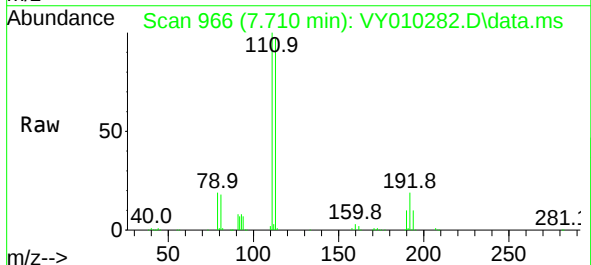
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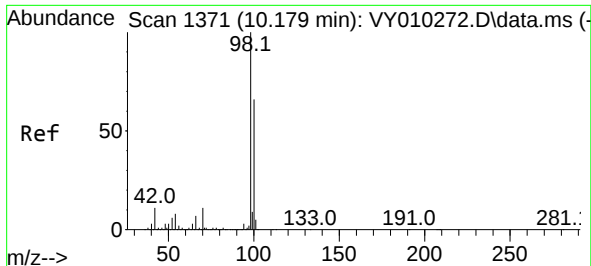
Tgt Ion:114 Resp: 512241
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.680 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion:113 Resp: 155773
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.2 17.6 26.4

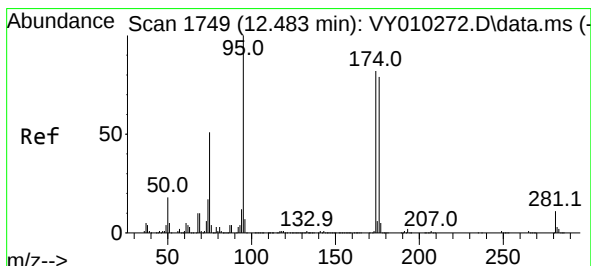
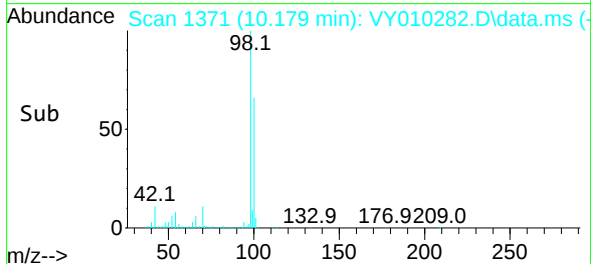
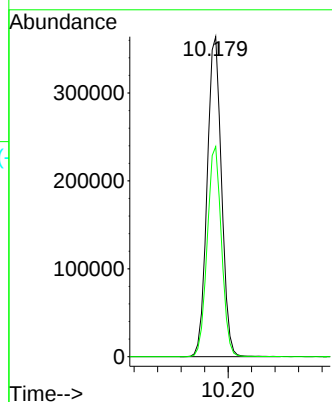
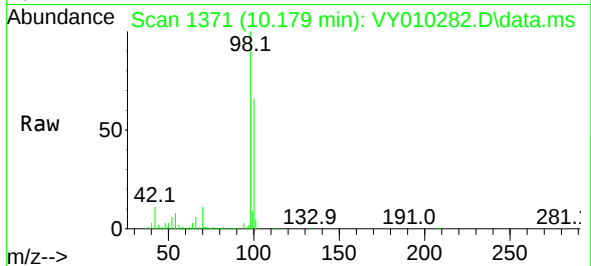




#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

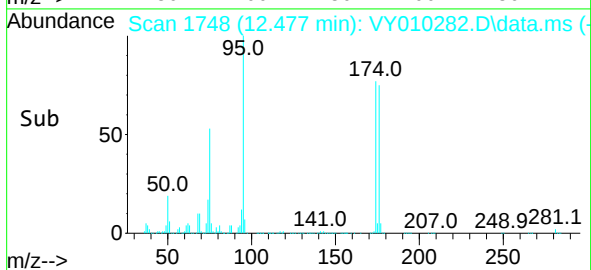
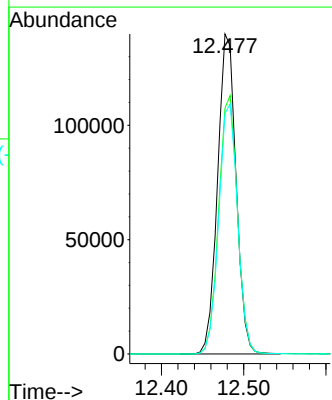
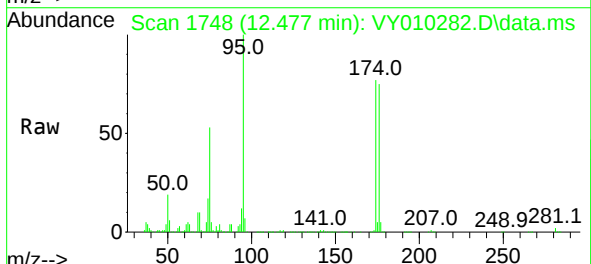
Instrument :
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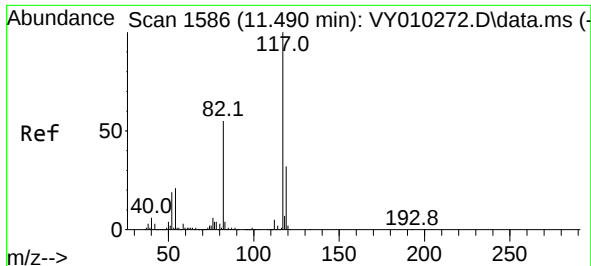
Tgt Ion: 98 Resp: 618760
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 95 Resp: 218713
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.5 0.0 175.8

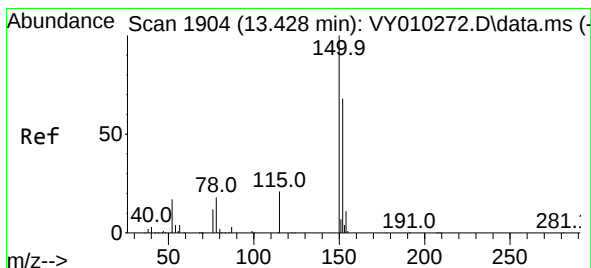
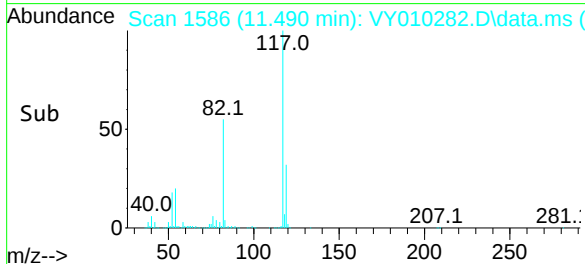
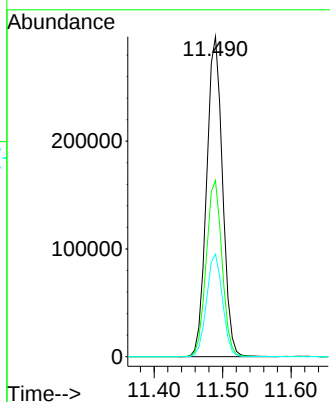
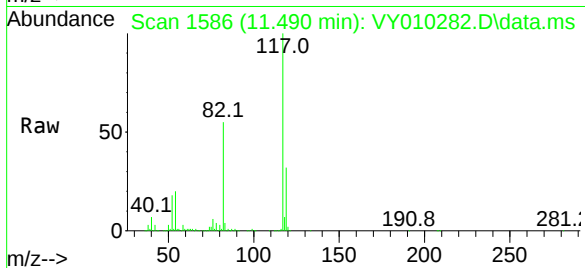




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
EP-BLIND-DUPLICATE

Tgt Ion:117 Resp: 480424
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.0 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: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion:152 Resp: 217804
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.6 0.0 347.6

