

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010308.D
 Acq On : 03 Sep 2022 04:09
 Operator : KP/MD
 Sample : N4379-15
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9-11

Quant Time: Sep 03 06:13:09 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)

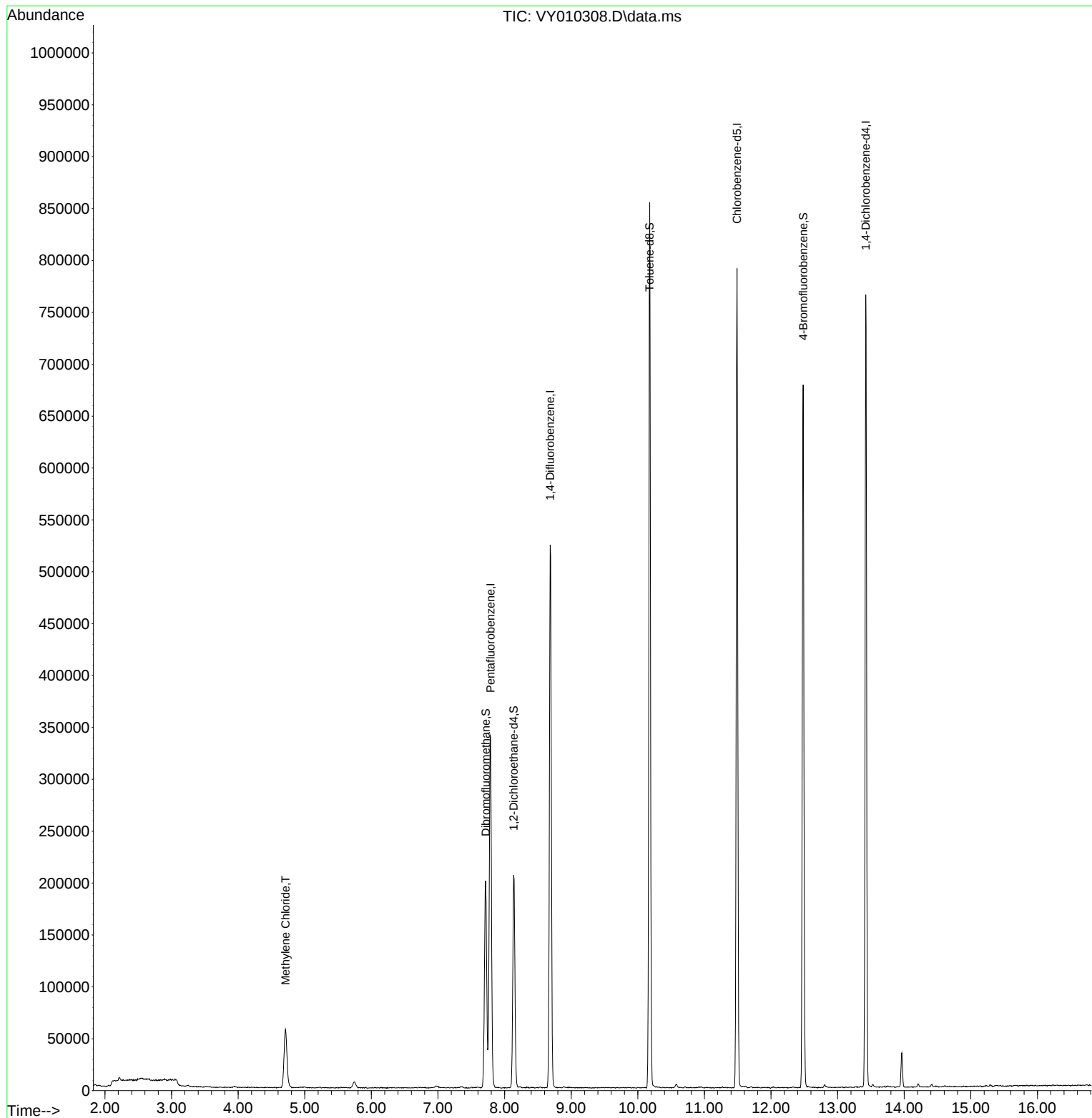
Internal Standards						
1) Pentafluorobenzene	7.789	168	278429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	433702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161841	56.687	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.380%	
35) Dibromofluoromethane	7.716	113	142502	46.036	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	92.080%	
50) Toluene-d8	10.179	98	552076	53.271	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	106.540%	
62) 4-Bromofluorobenzene	12.483	95	197390	47.206	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.420%	
Target Compounds						
20) Methylene Chloride	4.710	84	42836	12.437	ug/l	Qvalue 89

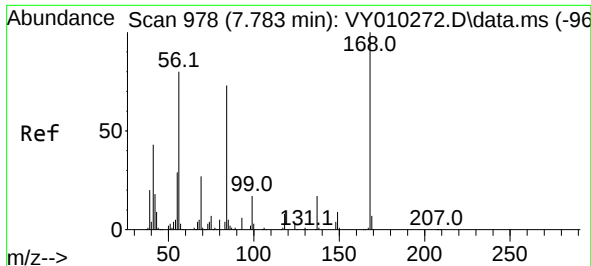
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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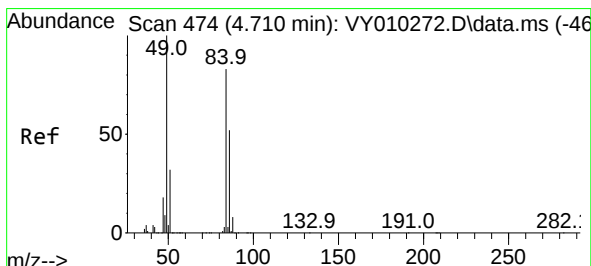
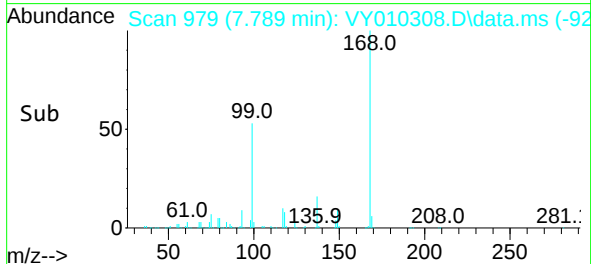
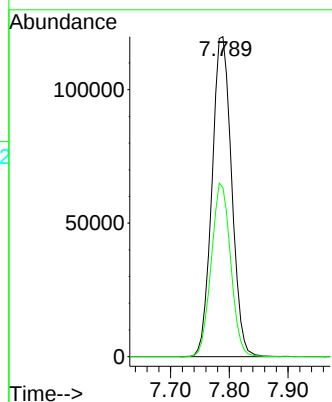
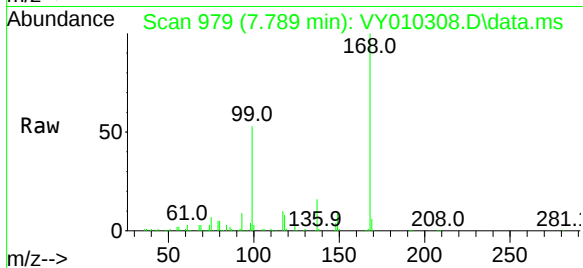




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

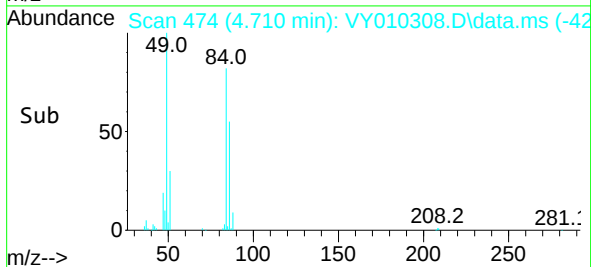
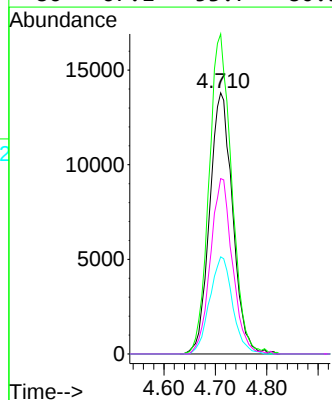
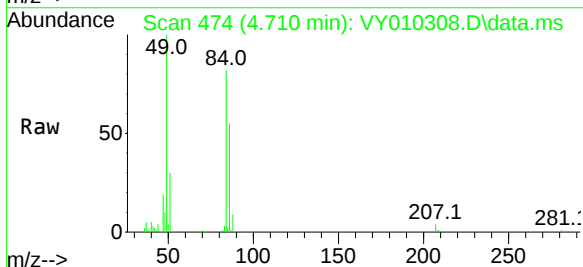
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9-11

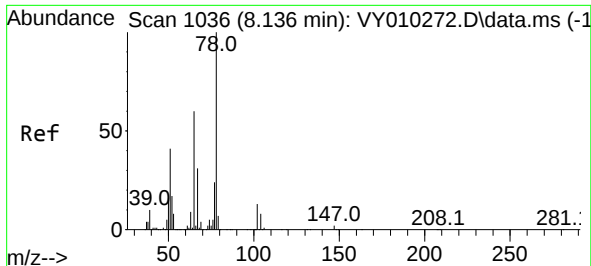
Tgt Ion:168 Resp: 278429
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#20
Methylene Chloride
Concen: 12.437 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 84 Resp: 42836
Ion Ratio Lower Upper
84 100
49 122.5 114.4 171.6
51 37.2 35.3 52.9
86 67.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.687 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010308.D

Acq: 03 Sep 2022 04:09

Instrument :

MSVOA_Y

ClientSampleId :

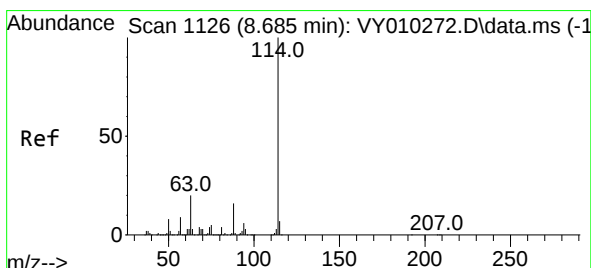
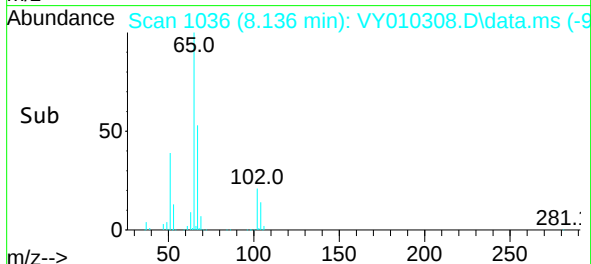
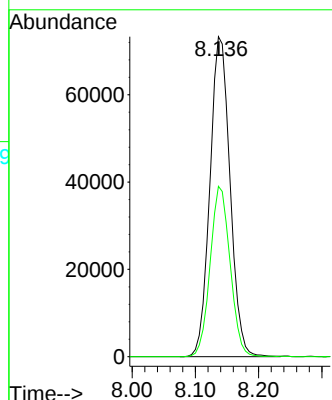
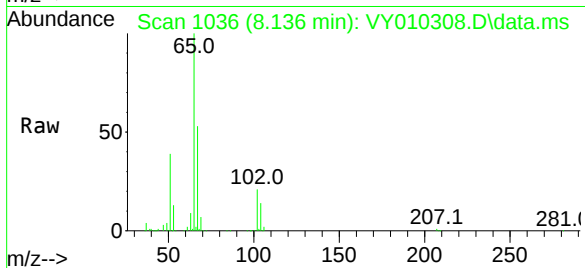
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Tgt Ion: 65 Resp: 161841

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010308.D

Acq: 03 Sep 2022 04:09

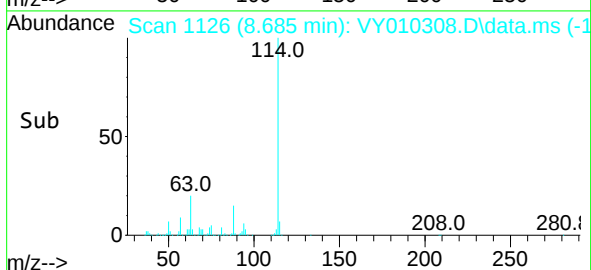
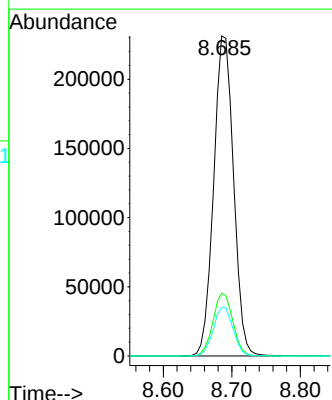
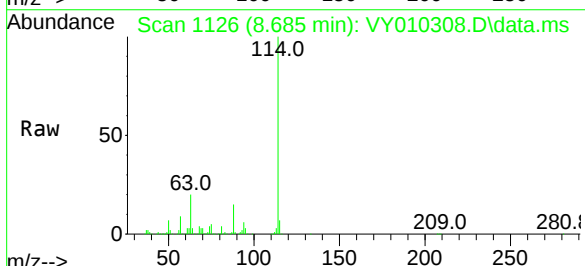
Tgt Ion: 114 Resp: 464980

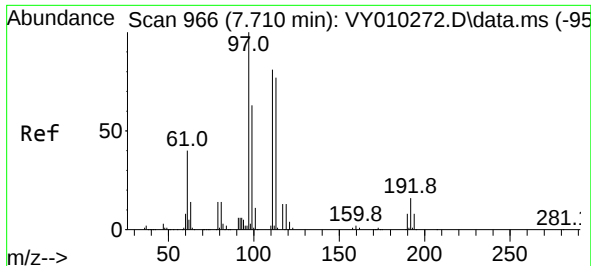
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.1 0.0 31.8

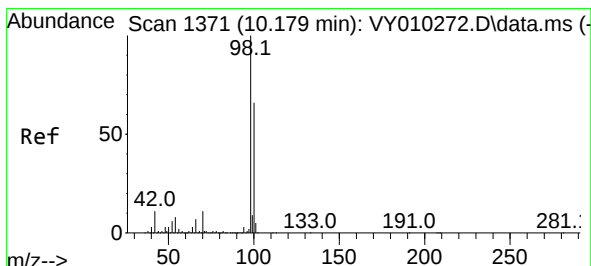
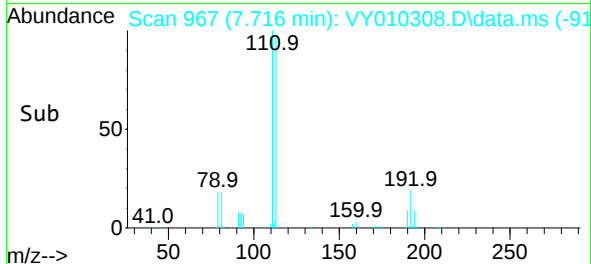
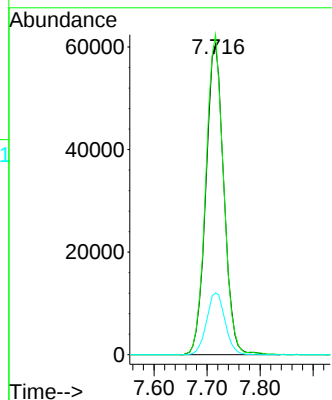
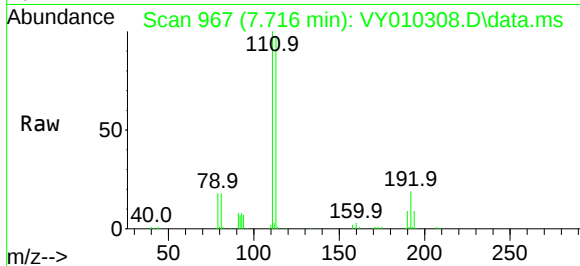




#35
Dibromofluoromethane
Concen: 46.036 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

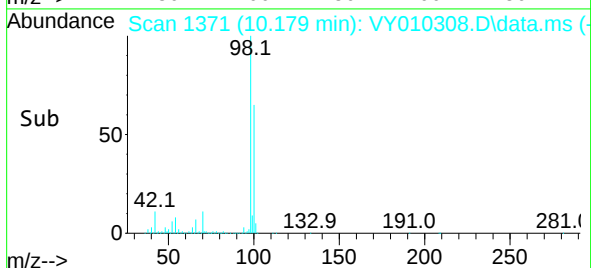
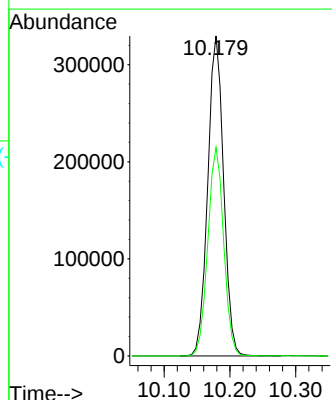
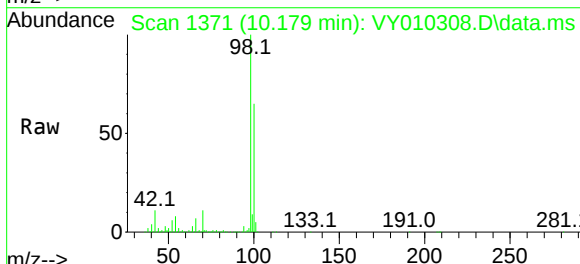
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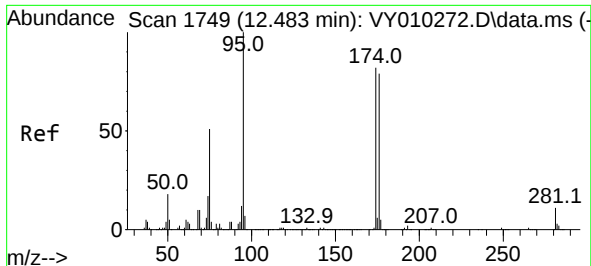
Tgt Ion:113 Resp: 142502
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 53.271 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 98 Resp: 552076
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

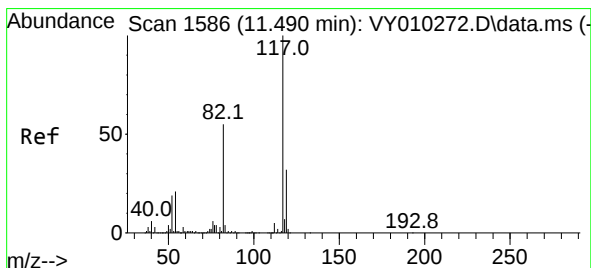
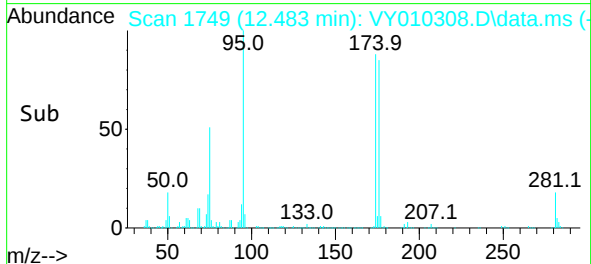
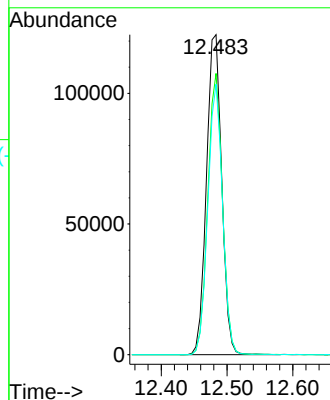
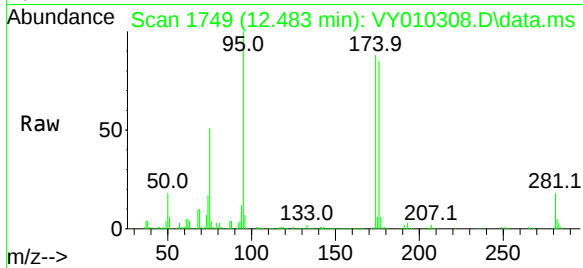




#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

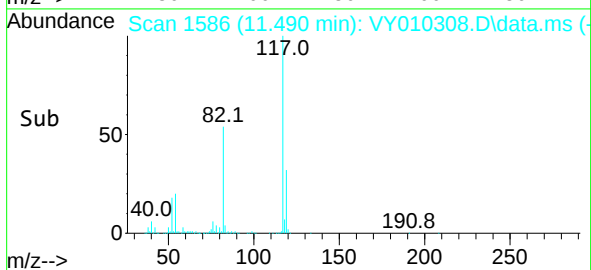
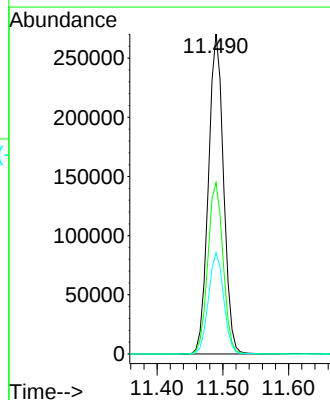
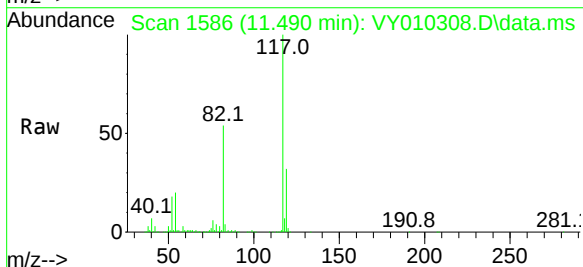
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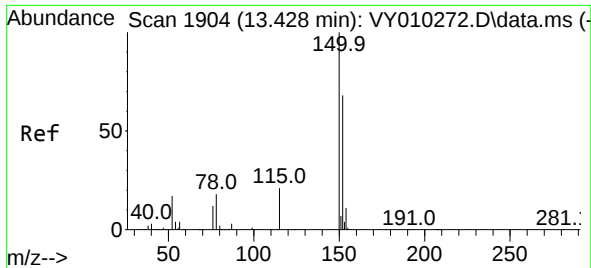
Tgt Ion: 95 Resp: 197390
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 117 Resp: 433702
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.6 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: VY010308.D
 Acq: 03 Sep 2022 04:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9-11

Tgt Ion:152 Resp: 203068
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 157.9 0.0 347.6

