

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010304.D
 Acq On : 03 Sep 2022 02:35
 Operator : KP/MD
 Sample : N4379-10
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-10-12

Quant Time: Sep 03 06:11:40 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)

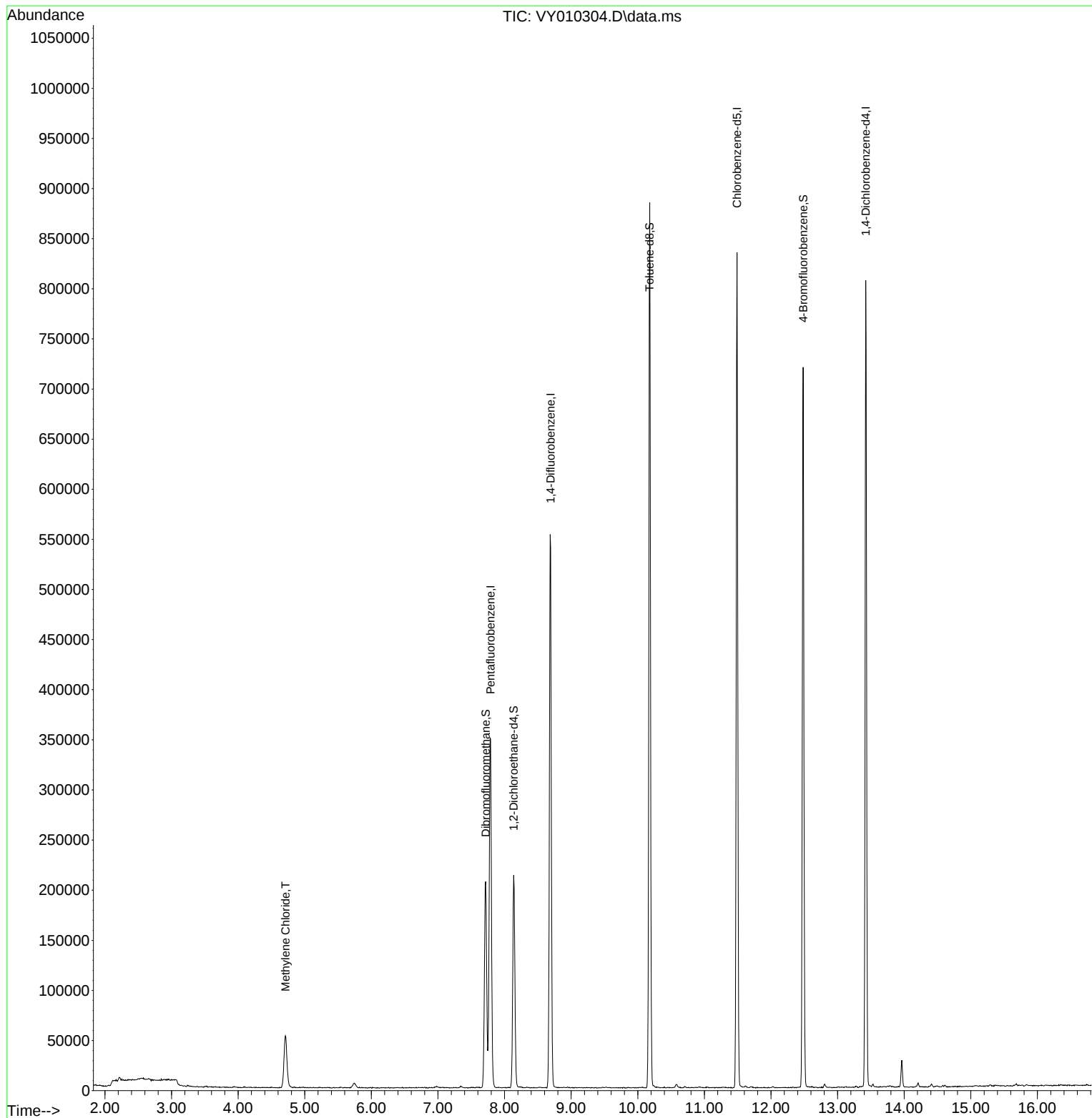
Internal Standards						
1) Pentafluorobenzene	7.789	168	289350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	480753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	452965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	165708	55.851	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.700%	
35) Dibromofluoromethane	7.716	113	146832	45.878	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	91.760%	
50) Toluene-d8	10.179	98	576035	53.759	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.520%	
62) 4-Bromofluorobenzene	12.483	95	202737	46.846	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.700%	
Target Compounds						
20) Methylene Chloride	4.710	84	40196	11.230	ug/l	Qvalue 85

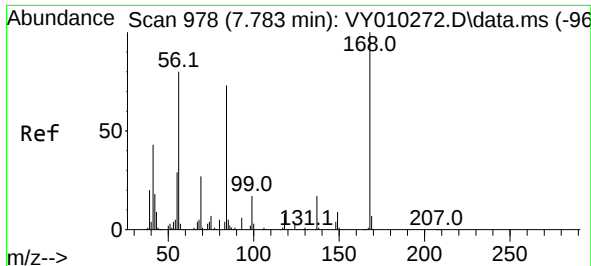
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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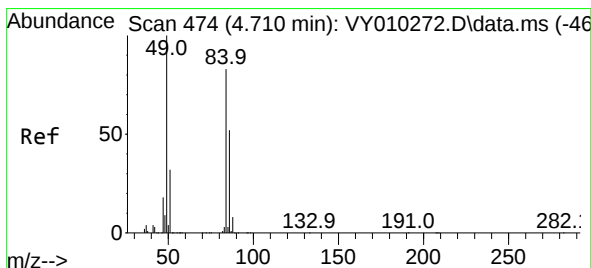
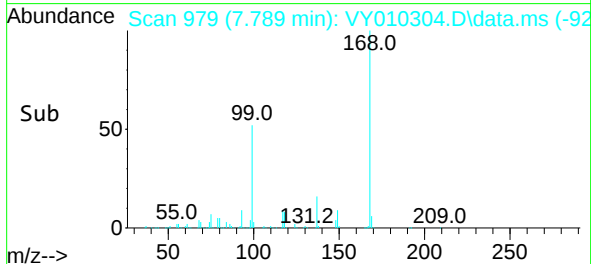
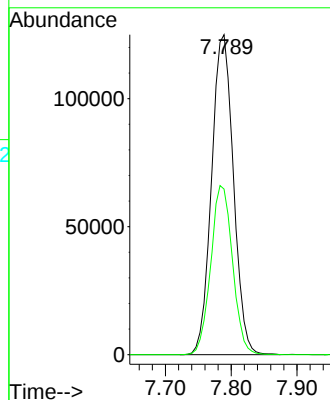
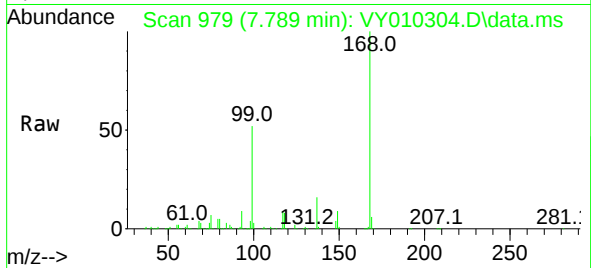




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

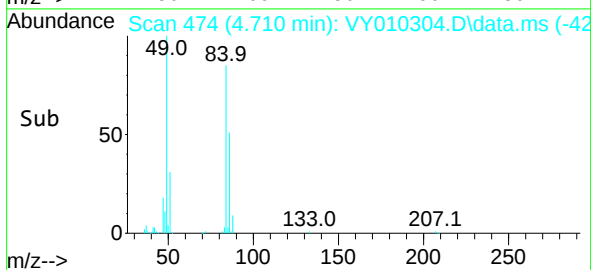
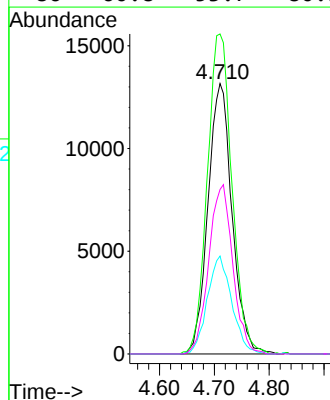
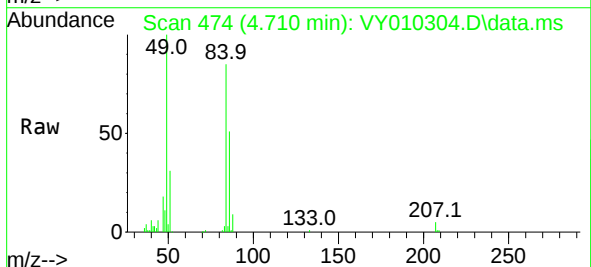
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10-12

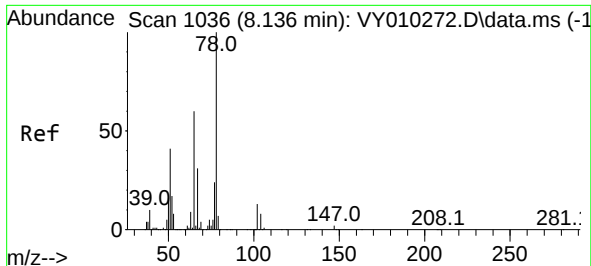
Tgt Ion:168 Resp: 289350
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#20
Methylene Chloride
Concen: 11.230 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

Tgt Ion: 84 Resp: 40196
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 36.2 35.3 52.9
86 60.8 53.7 80.5

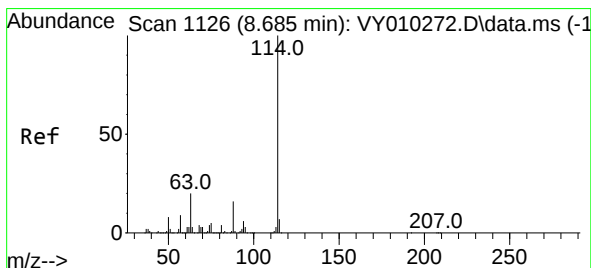
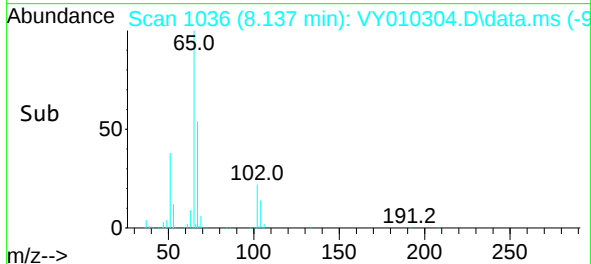
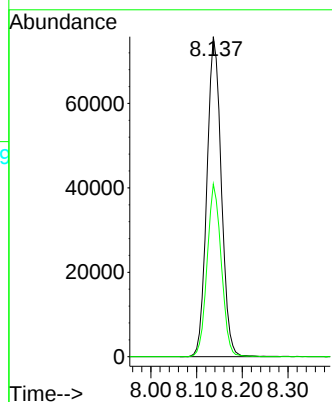
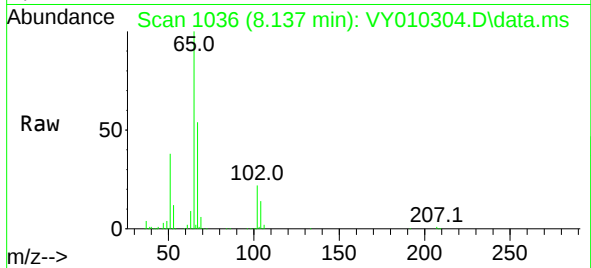




#33
 1,2-Dichloroethane-d4
 Concen: 55.851 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010304.D
 Acq: 03 Sep 2022 02:35

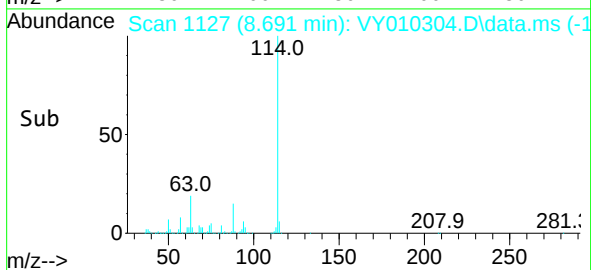
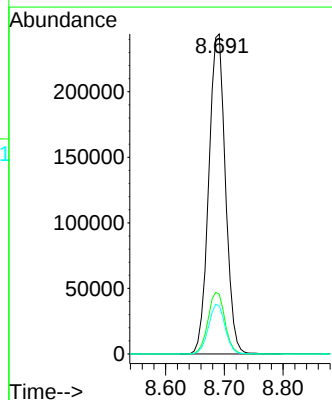
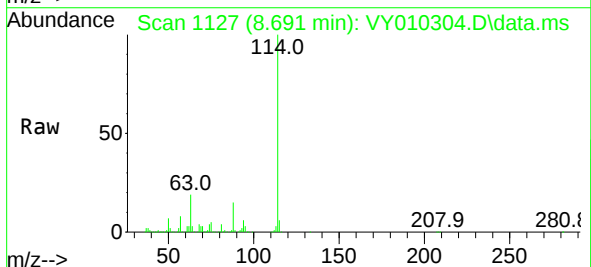
Instrument :
 MSVOA_Y
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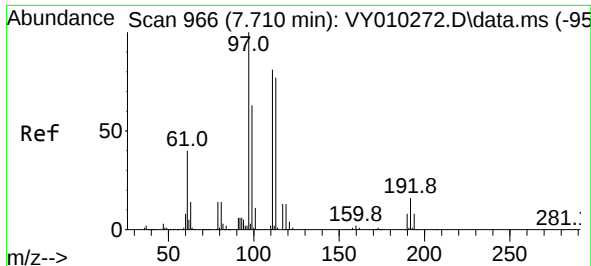
Tgt Ion: 65 Resp: 165708
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY010304.D
 Acq: 03 Sep 2022 02:35

Tgt Ion: 114 Resp: 480753
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 15.0 0.0 31.8

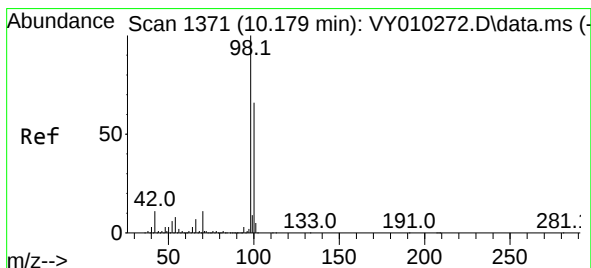
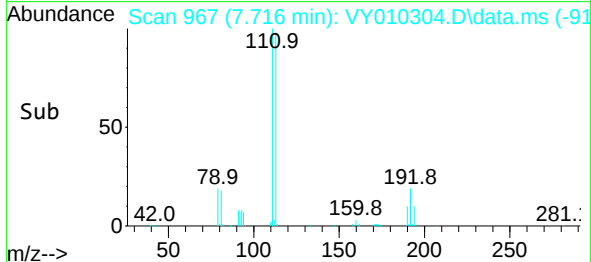
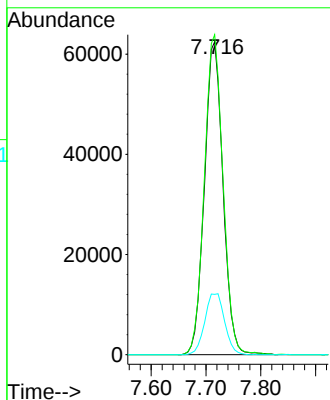
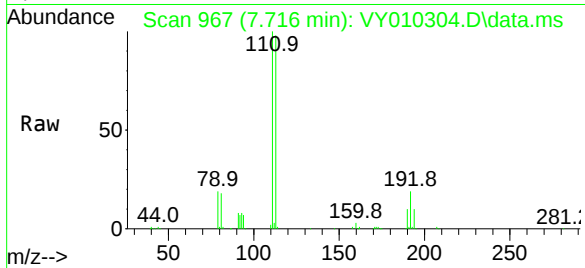




#35
Dibromofluoromethane
Concen: 45.878 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

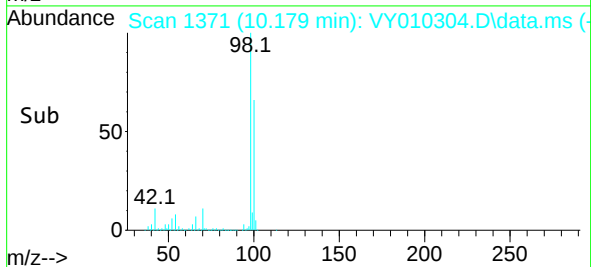
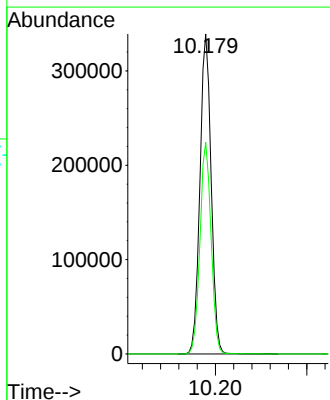
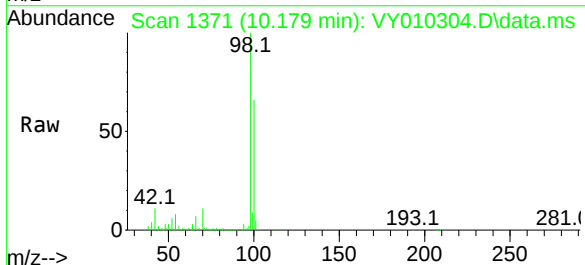
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10-12

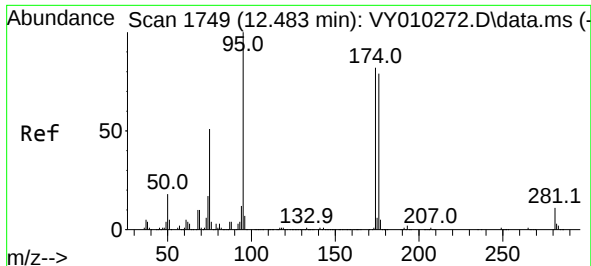
Tgt Ion:113 Resp: 146832
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 53.759 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

Tgt Ion: 98 Resp: 576035
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

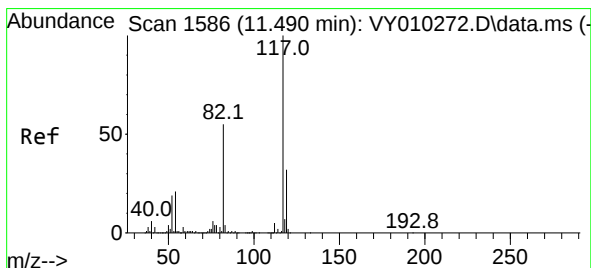
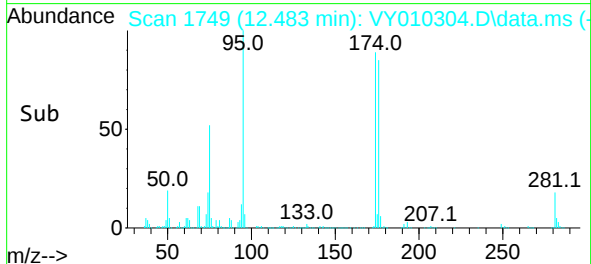
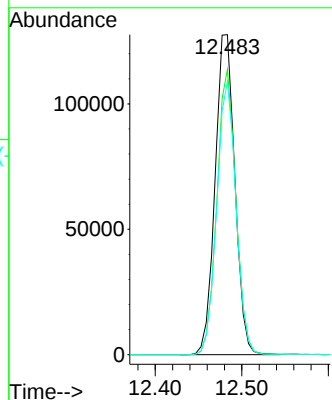
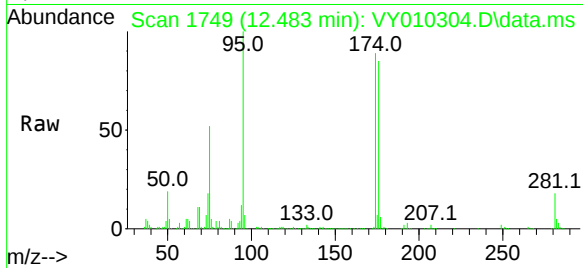




#62
4-Bromofluorobenzene
Concen: 46.846 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

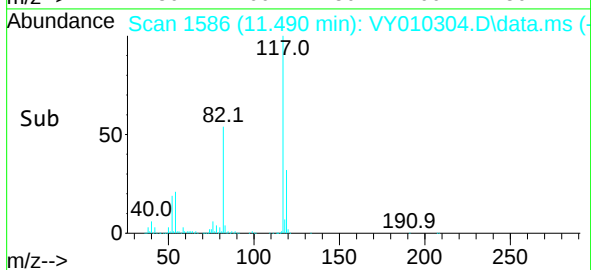
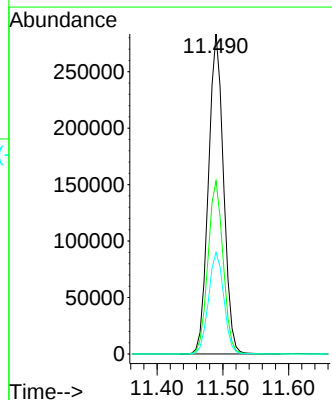
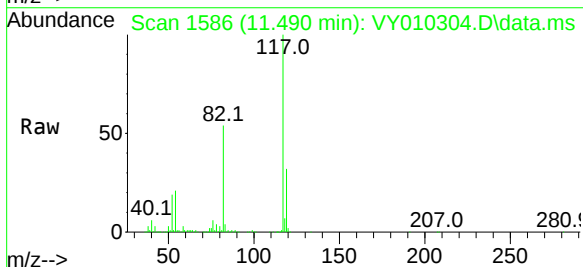
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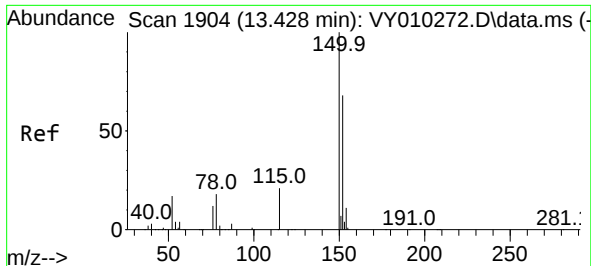
Tgt Ion: 95 Resp: 202737
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010304.D
Acq: 03 Sep 2022 02:35

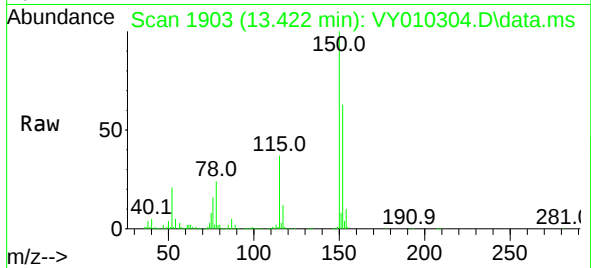
Tgt Ion: 117 Resp: 452965
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010304.D
 Acq: 03 Sep 2022 02:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-10-12



Tgt Ion:152 Resp: 211769
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 156.4 0.0 347.6

