

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004887.D
 Acq On : 26 May 2021 15:27
 Operator : SY/MD
 Sample : M2521-03
 Misc : 2.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-052521

Quant Time: May 27 01:16:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

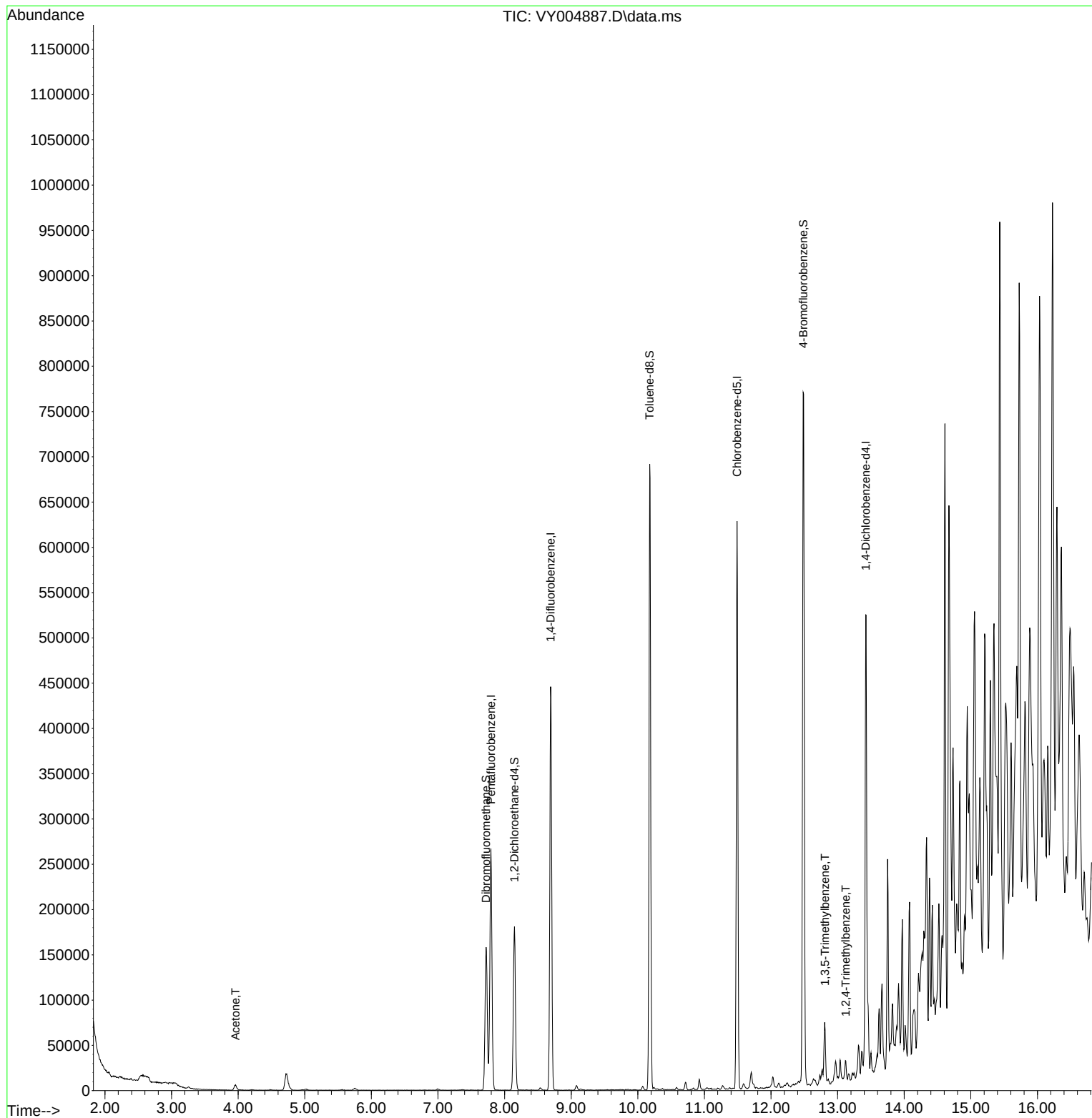
Internal Standards						
1) Pentafluorobenzene	7.795	168	194695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138211	59.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.28%
35) Dibromofluoromethane	7.722	113	112841	55.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.98%
50) Toluene-d8	10.179	98	432027	47.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.90%
62) 4-Bromofluorobenzene	12.483	95	136288	44.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.70%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	10093	19.39	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	12667	1.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	11869	1.56	ug/l	96

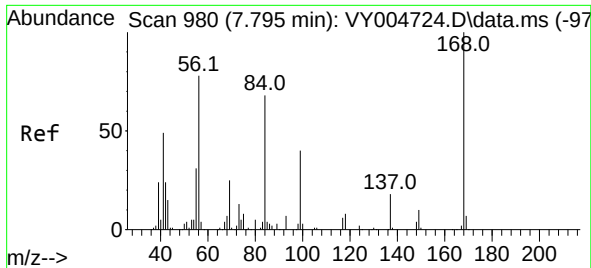
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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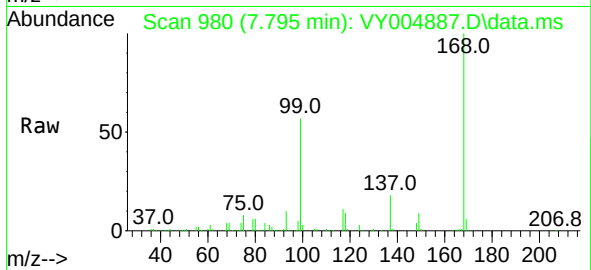
Quant Time: May 27 01:16:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



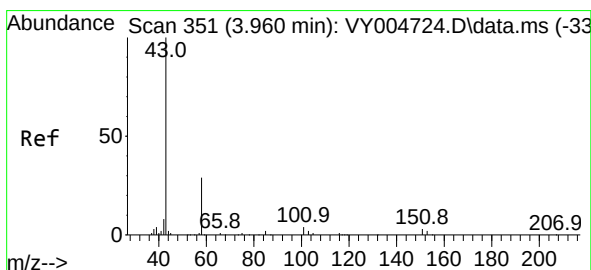
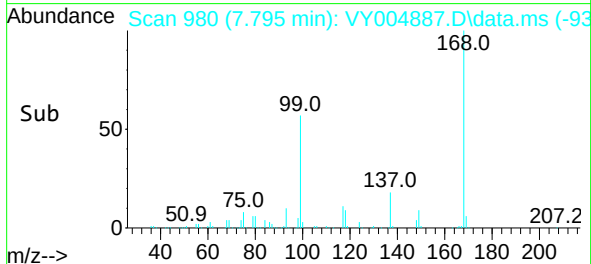
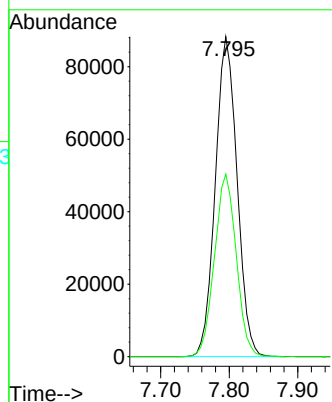


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-052521

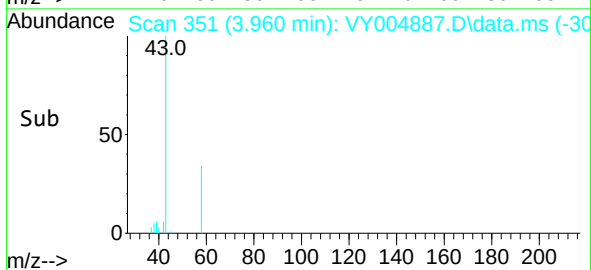
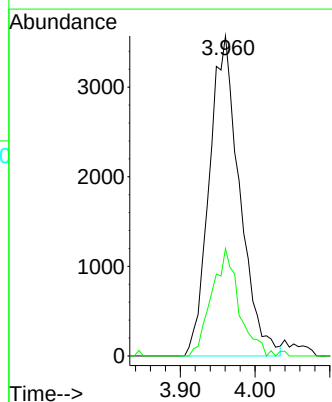
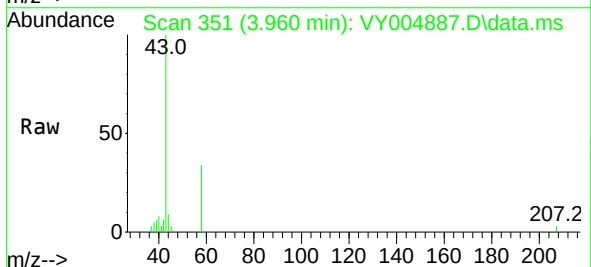


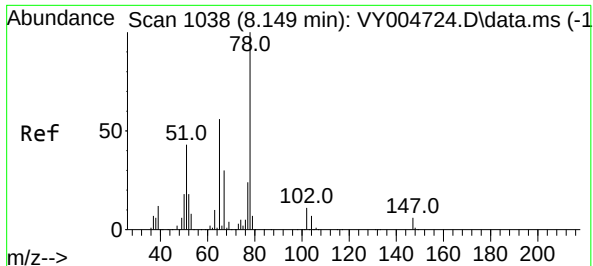
Tgt Ion:168 Resp: 194695
Ion Ratio Lower Upper
168 100
99 57.1 45.6 68.4



#16
Acetone
Concen: 19.39 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Tgt Ion: 43 Resp: 10093
Ion Ratio Lower Upper
43 100
58 33.6 23.6 35.4

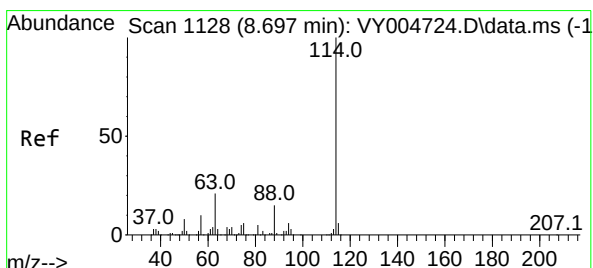
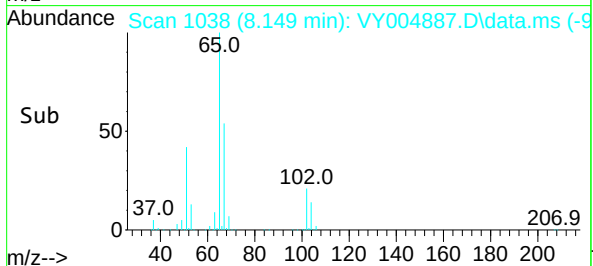
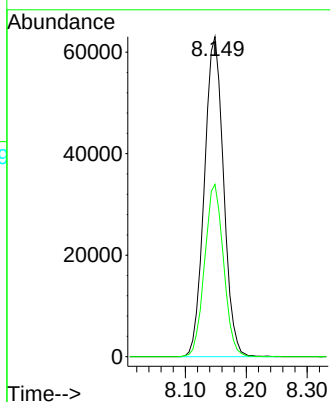
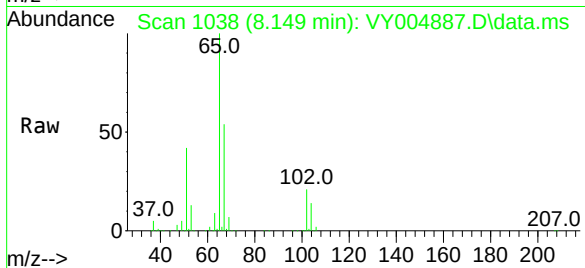




#33
1,2-Dichloroethane-d4
Concen: 59.64 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

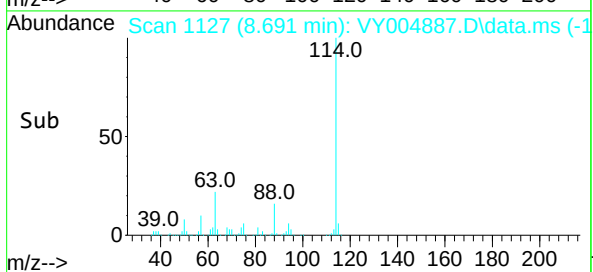
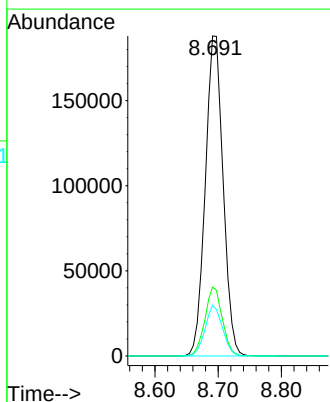
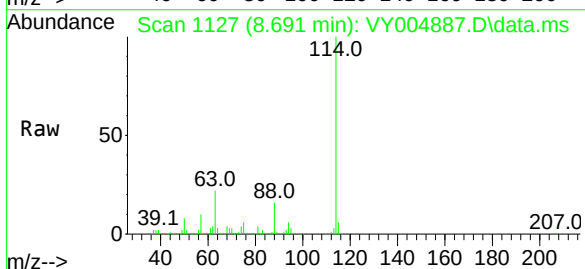
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-052521

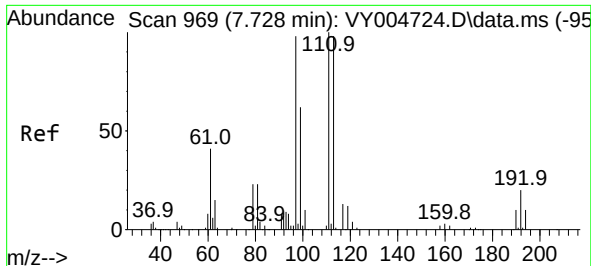
Tgt Ion: 65 Resp: 138211
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Tgt Ion: 114 Resp: 368141
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 15.9 0.0 31.0

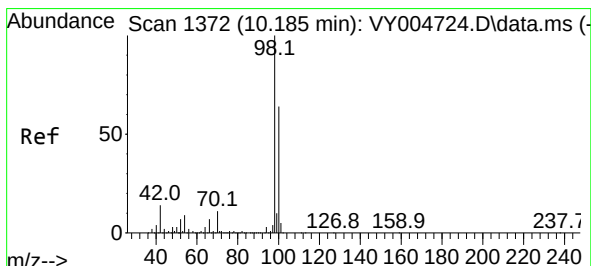
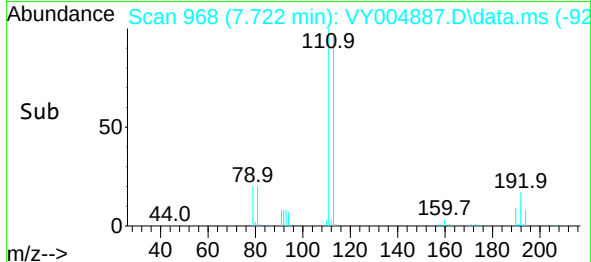
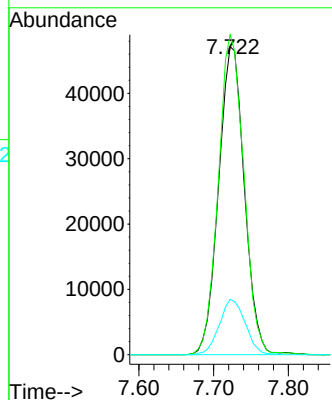
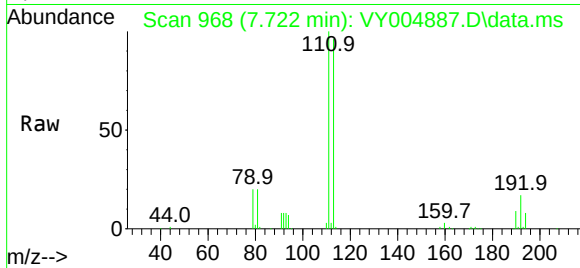




#35
Dibromofluoromethane
Concen: 55.99 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

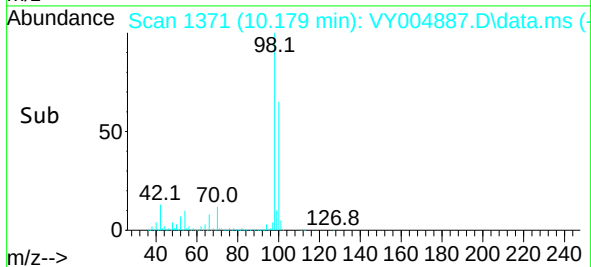
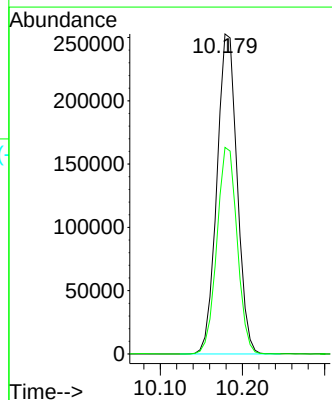
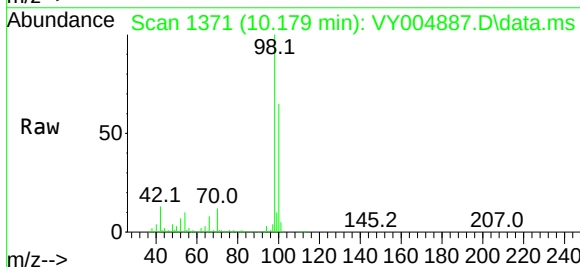
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-052521

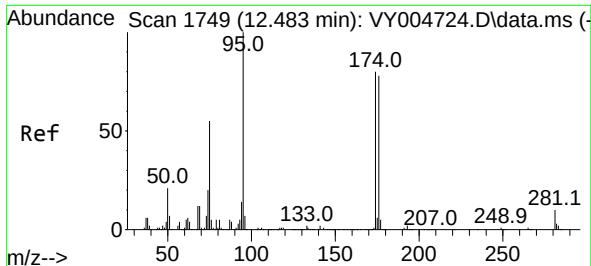
Tgt Ion:113 Resp: 112841
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 18.1 15.0 22.6



#50
Toluene-d8
Concen: 47.45 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Tgt Ion: 98 Resp: 432027
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

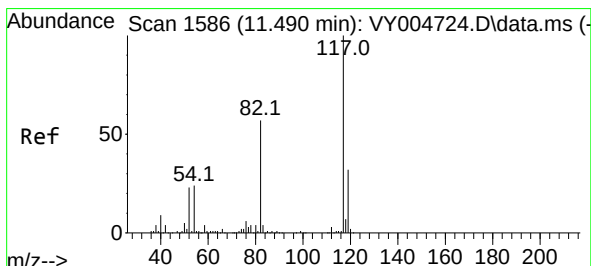
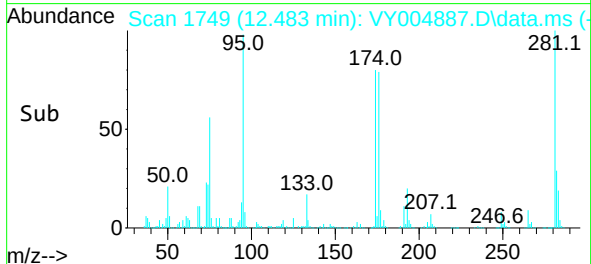
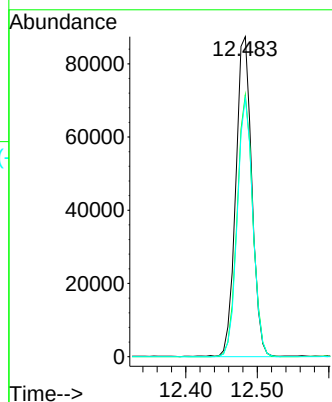
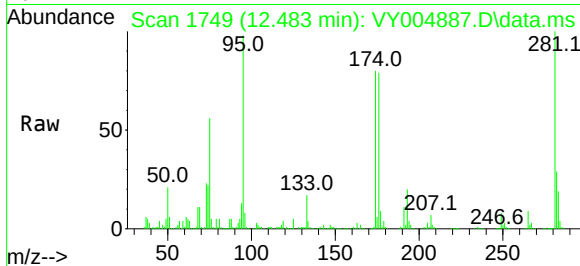




#62
4-Bromofluorobenzene
Concen: 44.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

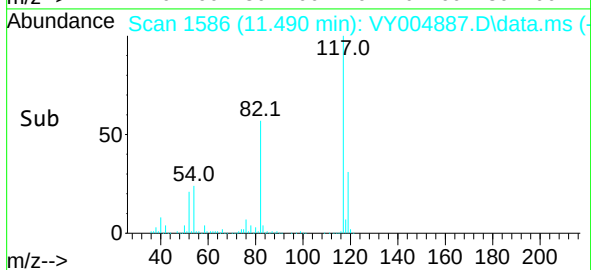
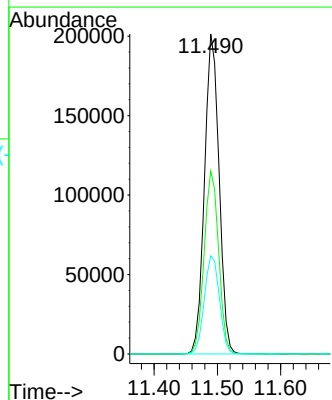
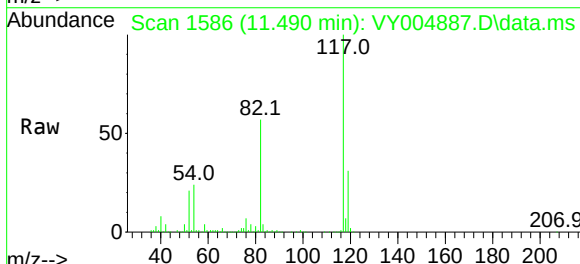
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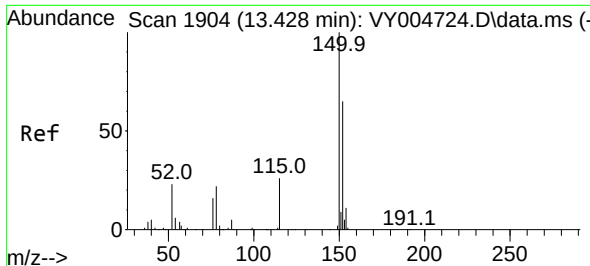
Tgt Ion: 95 Resp: 136288
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.2
176 78.1 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Tgt Ion: 117 Resp: 323028
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 30.7 25.8 38.6

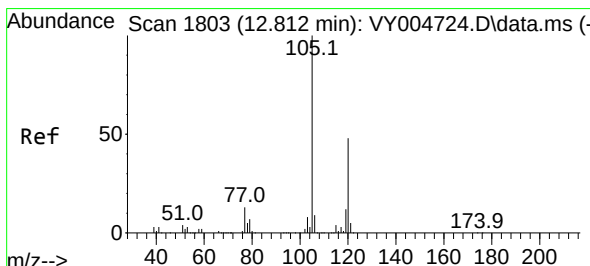
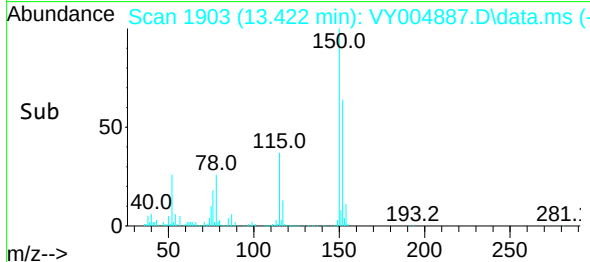
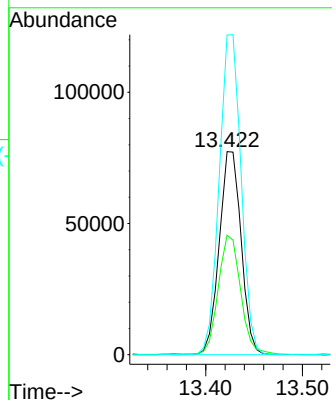
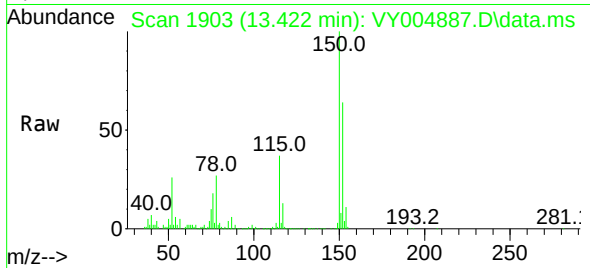




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

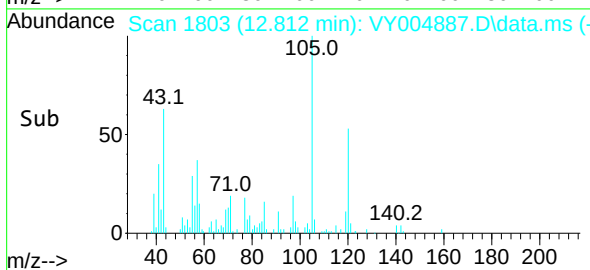
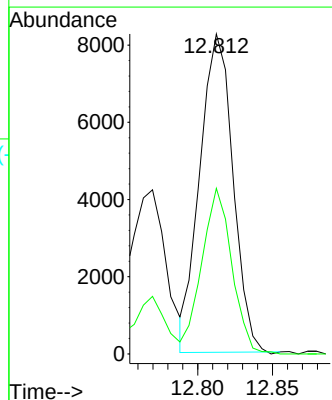
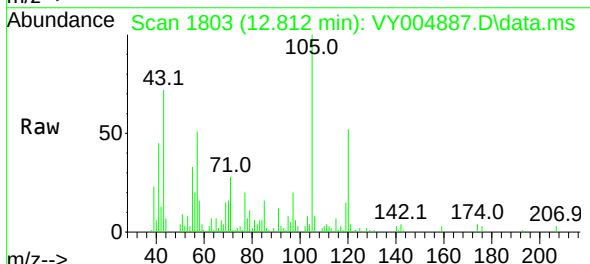
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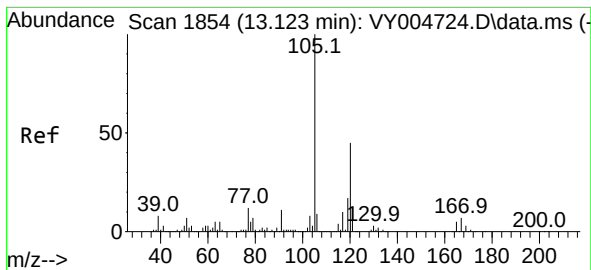
Tgt Ion:152 Resp: 121588
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 157.1 0.0 349.8



#80
1,3,5-Trimethylbenzene
Concen: 1.66 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Tgt Ion:105 Resp: 12667
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 1.56 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004887.D
Acq: 26 May 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-052521

Tgt Ion:105 Resp: 11869
Ion Ratio Lower Upper
105 100
120 42.5 22.5 67.5

