

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004909.D
 Acq On : 27 May 2021 19:07
 Operator : SY/MD
 Sample : M2546-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMPOSITE-SAMPLE-LOAMY-TOP

Quant Time: May 28 01:06:59 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)

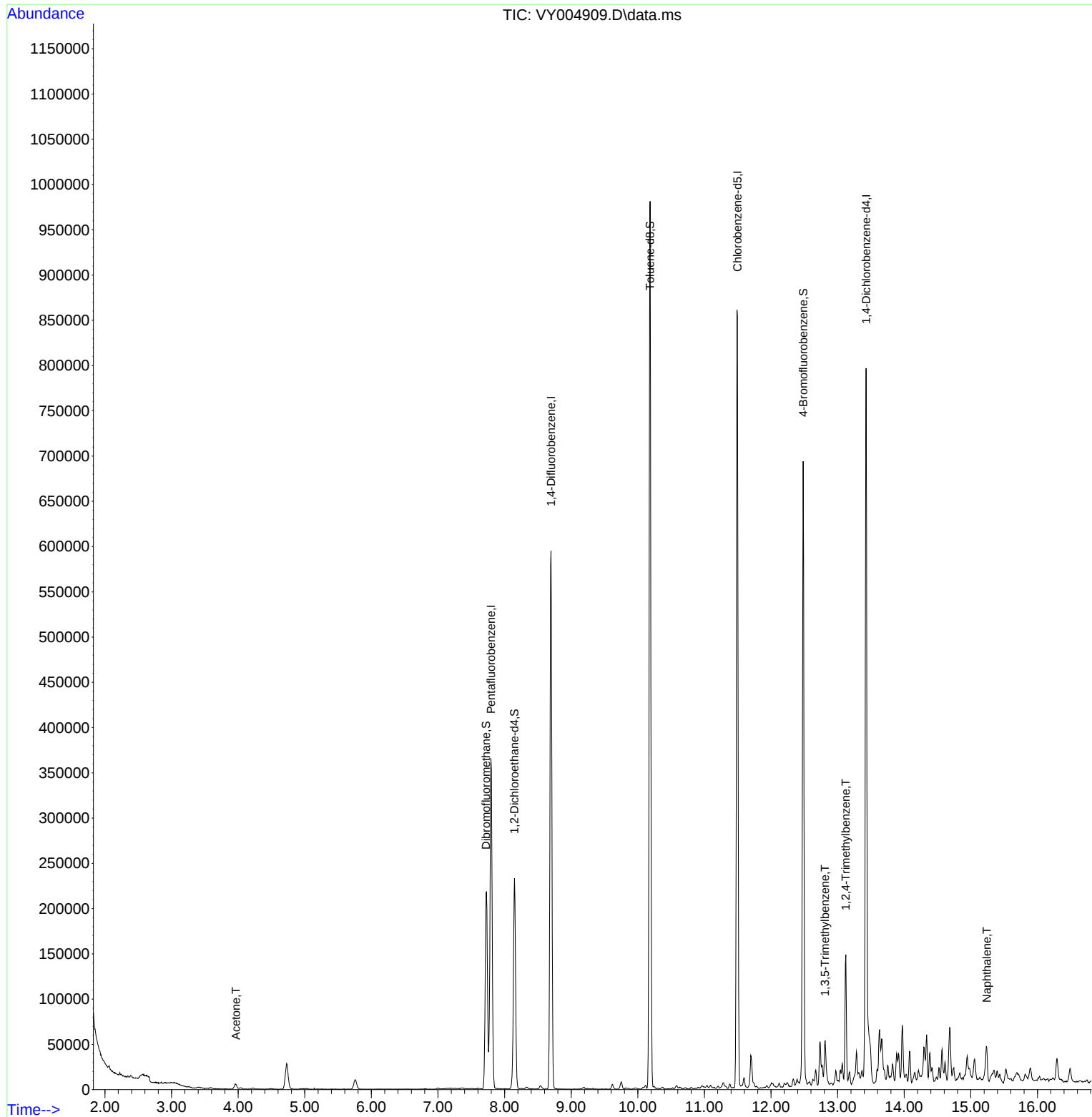
Internal Standards						
1) Pentafluorobenzene	7.795	168	277399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	505812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	464604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	178483	54.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.10%	
35) Dibromofluoromethane	7.722	113	157597	56.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.82%	
50) Toluene-d8	10.185	98	624933	49.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.92%	
62) 4-Bromofluorobenzene	12.483	95	205710	48.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.44%	
Target Compounds						
						Qvalue
16) Acetone	3.966	43	10125	13.65	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	17408	1.40	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	74835	6.01	ug/l	100
95) Naphthalene	15.239	128	27822	3.41	ug/l	96

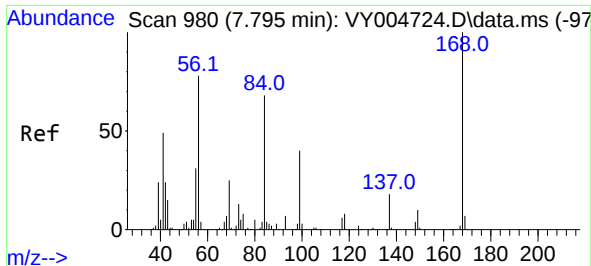
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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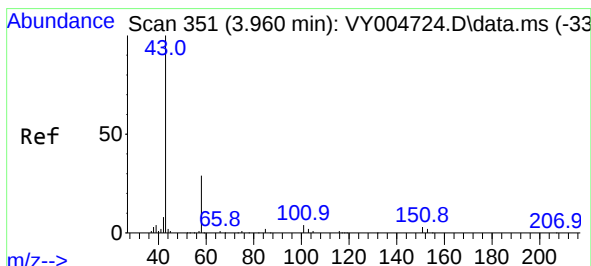
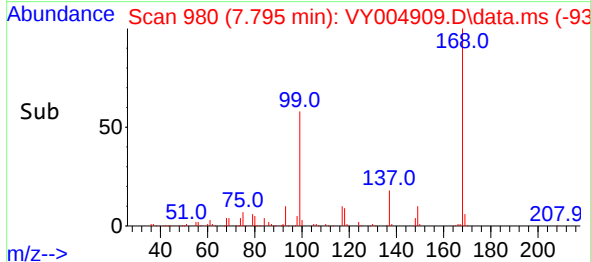
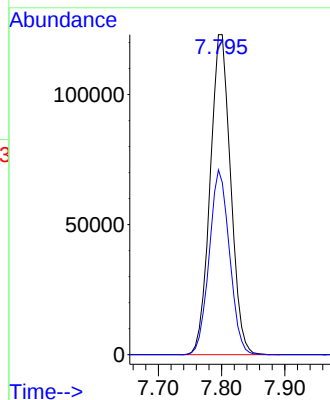
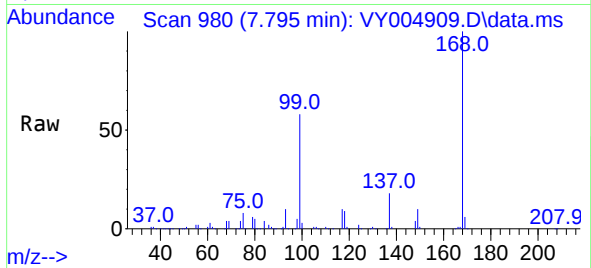




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

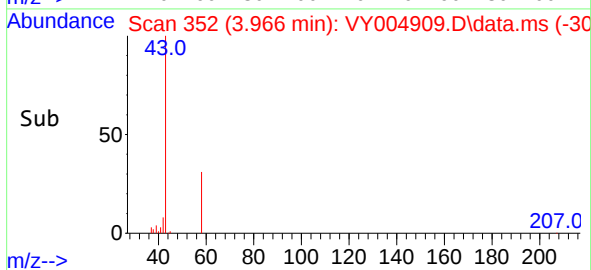
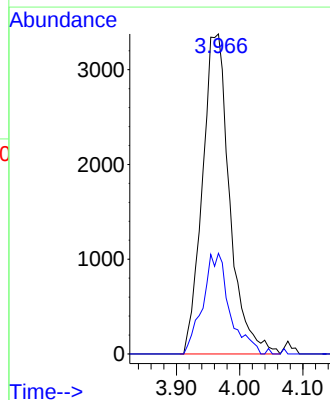
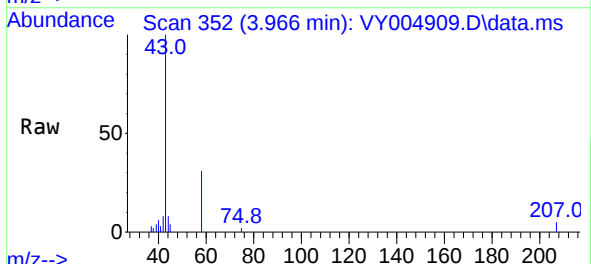
Instrument :
MSVOA_Y
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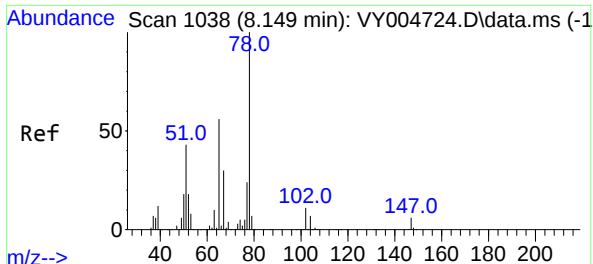
Tgt Ion:168 Resp: 277399
Ion Ratio Lower Upper
168 100
99 57.7 45.6 68.4



#16
Acetone
Concen: 13.65 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion: 43 Resp: 10125
Ion Ratio Lower Upper
43 100
58 31.4 23.6 35.4

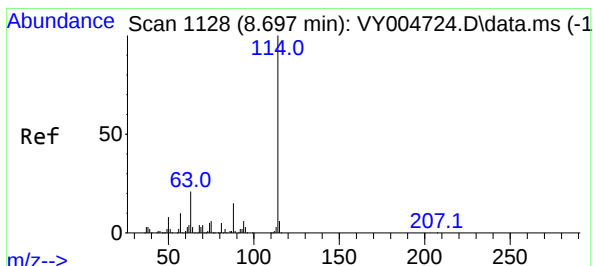
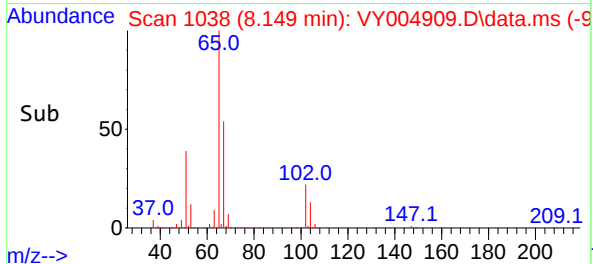
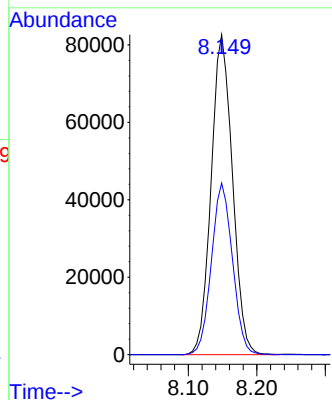
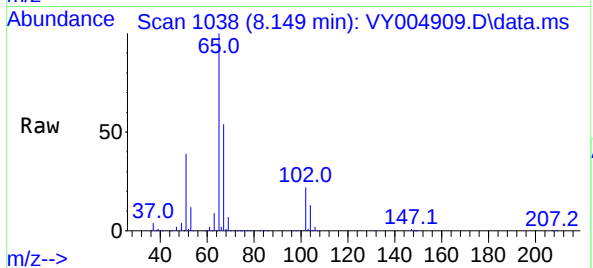




#33
1,2-Dichloroethane-d4
Concen: 54.05 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

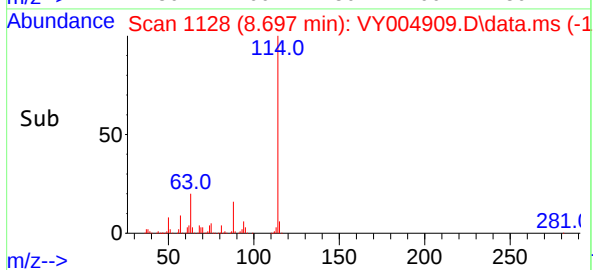
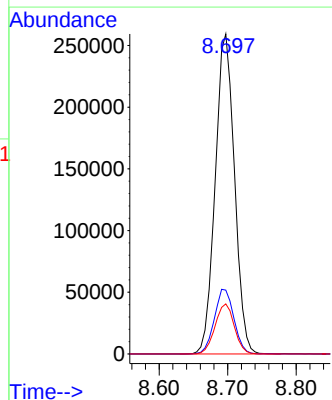
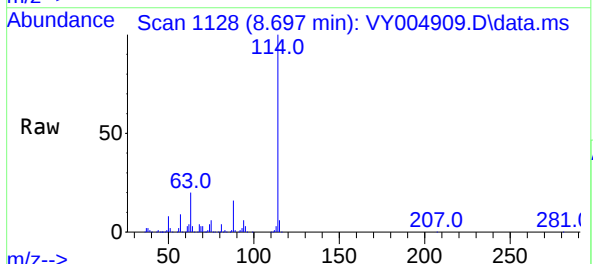
Instrument :
MSVOA_Y
ClientSampleId :
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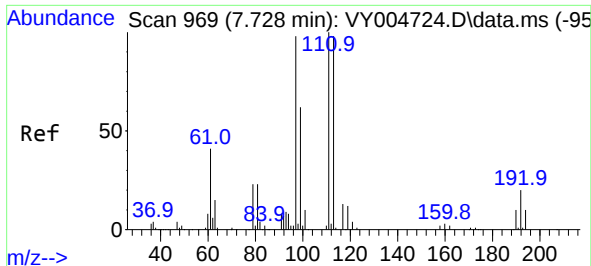
Tgt Ion: 65 Resp: 178483
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion:114 Resp: 505812
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 15.7 0.0 31.0

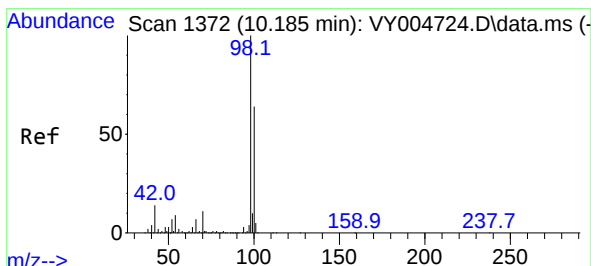
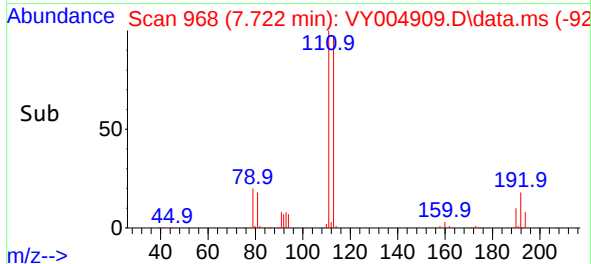
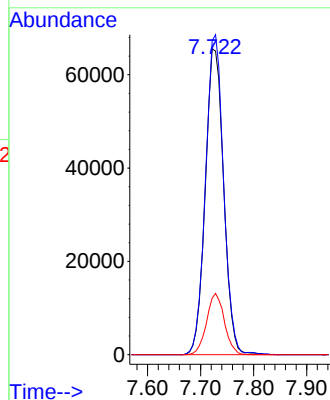
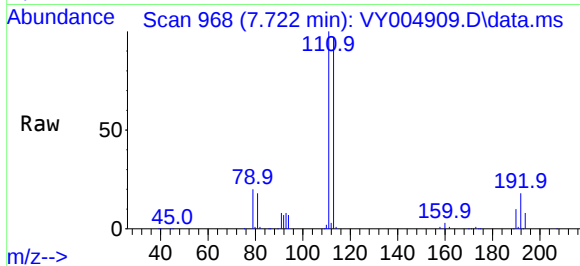




#35
Dibromofluoromethane
Concen: 56.91 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

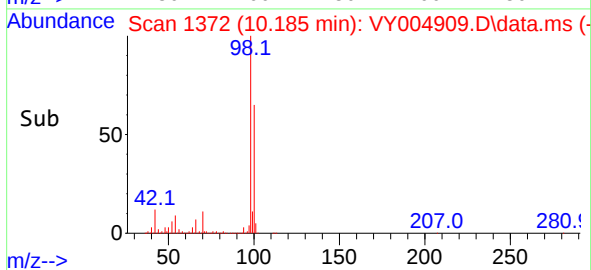
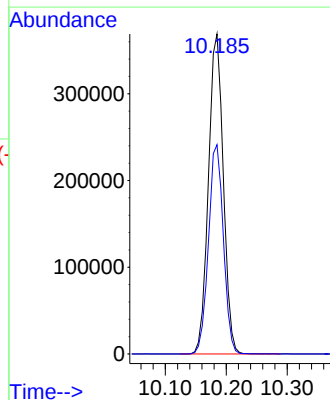
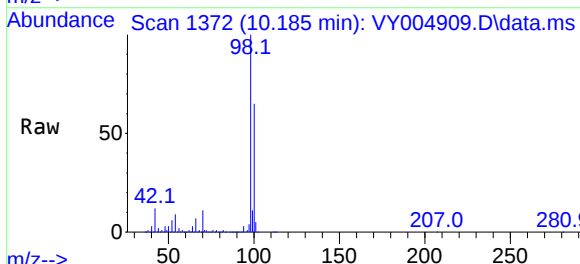
Instrument :
MSVOA_Y
ClientSampleId :
COMPOSITE-SAMPLE-LOAMY-TOP

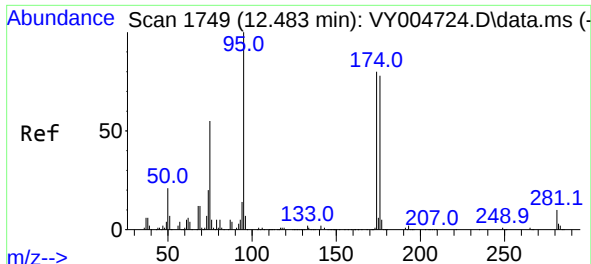
Tgt Ion:113 Resp: 157597
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 19.4 15.0 22.6



#50
Toluene-d8
Concen: 49.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion: 98 Resp: 624933
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

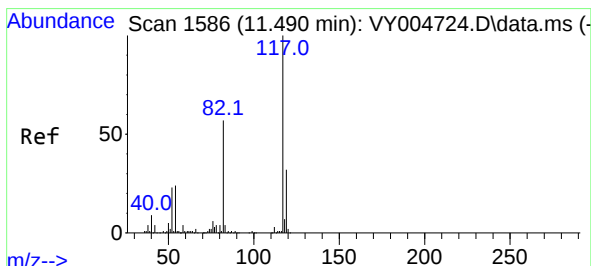
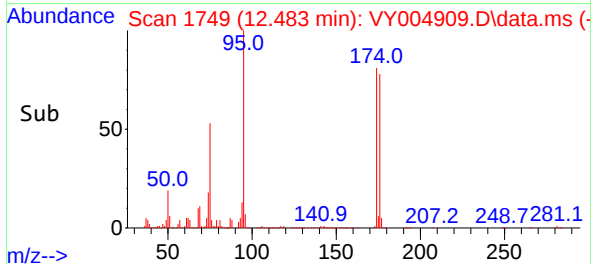
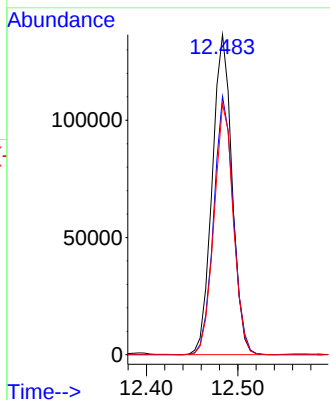
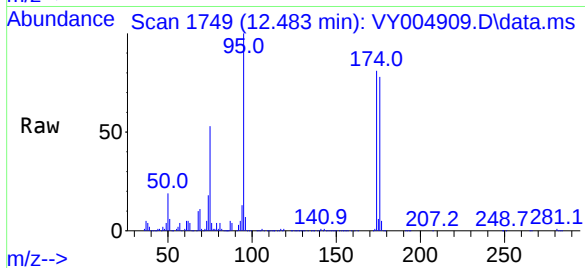




#62
4-Bromofluorobenzene
Concen: 48.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

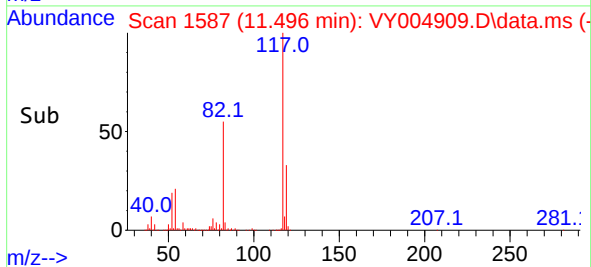
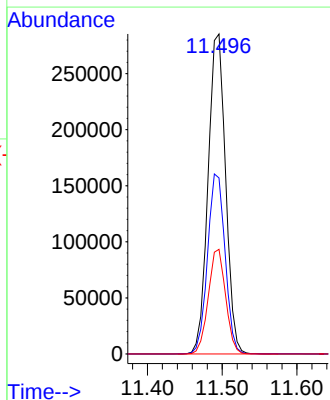
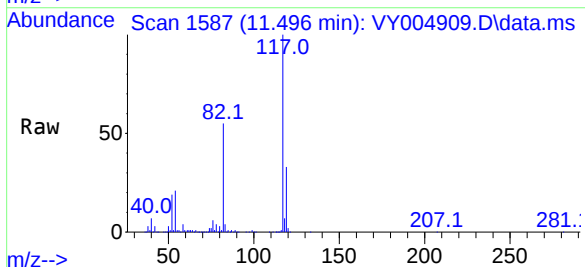
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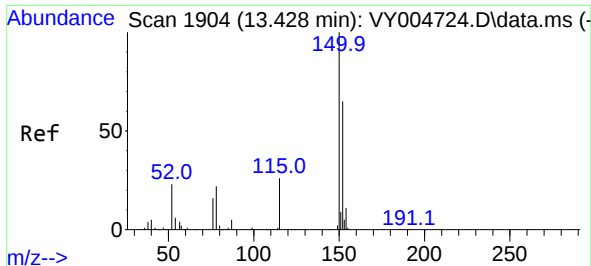
Tgt Ion: 95 Resp: 205710
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.2
176 76.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion: 117 Resp: 464604
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 32.7 25.8 38.6

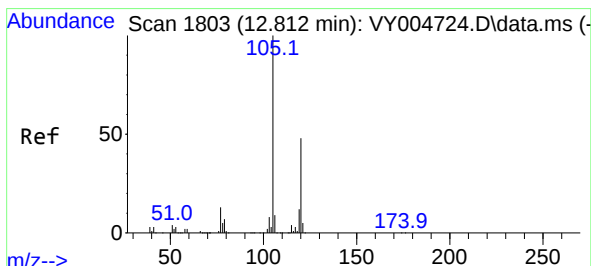
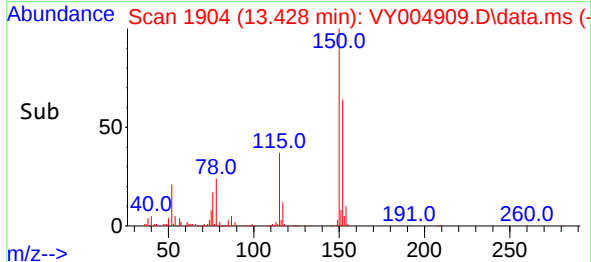
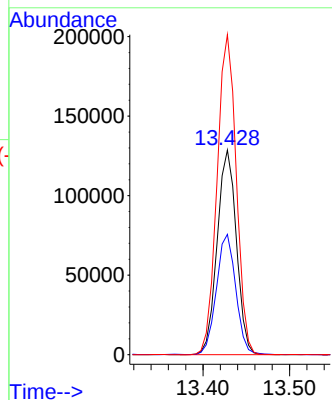
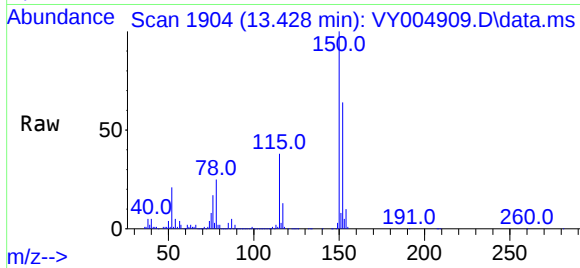




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

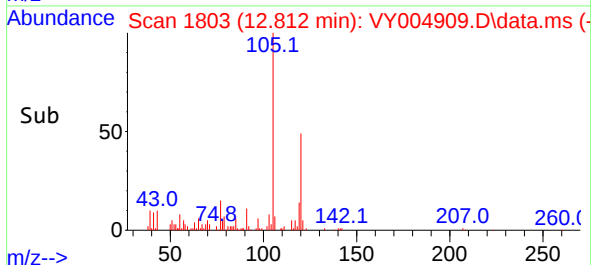
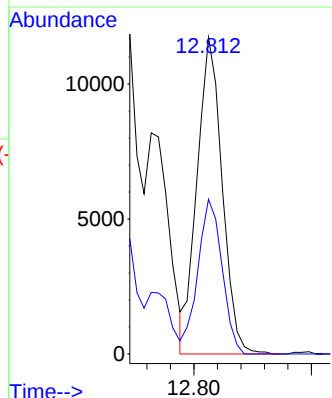
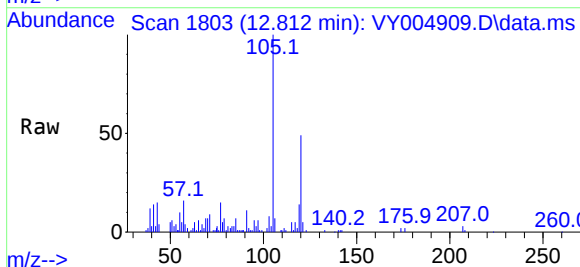
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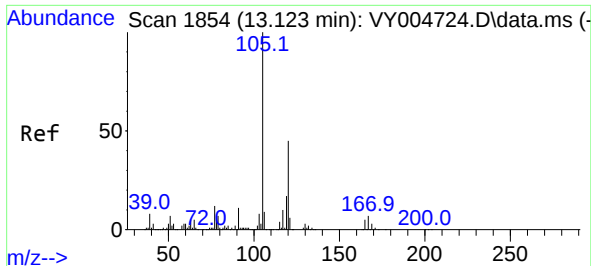
Tgt Ion:152 Resp: 198628
Ion Ratio Lower Upper
152 100
115 59.5 29.4 88.3
150 156.1 0.0 349.8



#80
1,3,5-Trimethylbenzene
Concen: 1.40 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion:105 Resp: 17408
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0

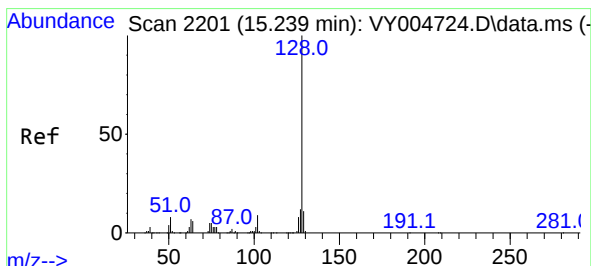
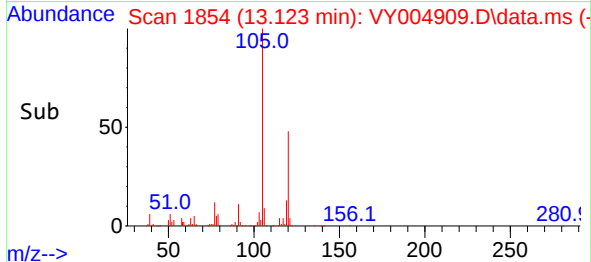
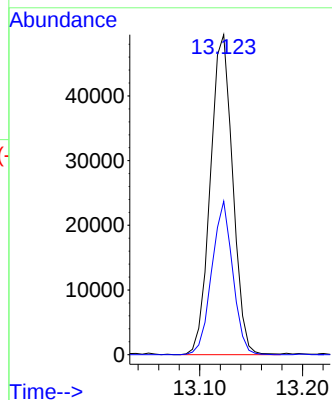
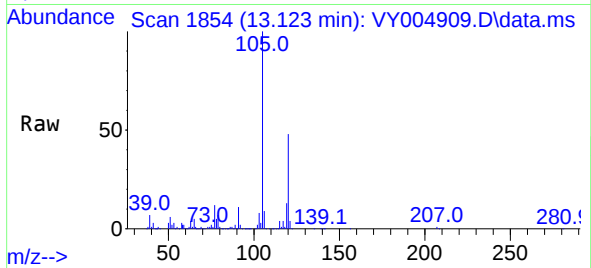




#84
1,2,4-Trimethylbenzene
Concen: 6.01 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Instrument :
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Tgt Ion:105 Resp: 74835
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5



#95
Naphthalene
Concen: 3.41 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004909.D
Acq: 27 May 2021 19:07

Tgt Ion:128 Resp: 27822
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 12.8 8.6 13.0

