

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005225.D
 Acq On : 25 Jun 2021 14:07
 Operator : SY/MD
 Sample : M2859-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-1-062421

Quant Time: Jun 26 05:11:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

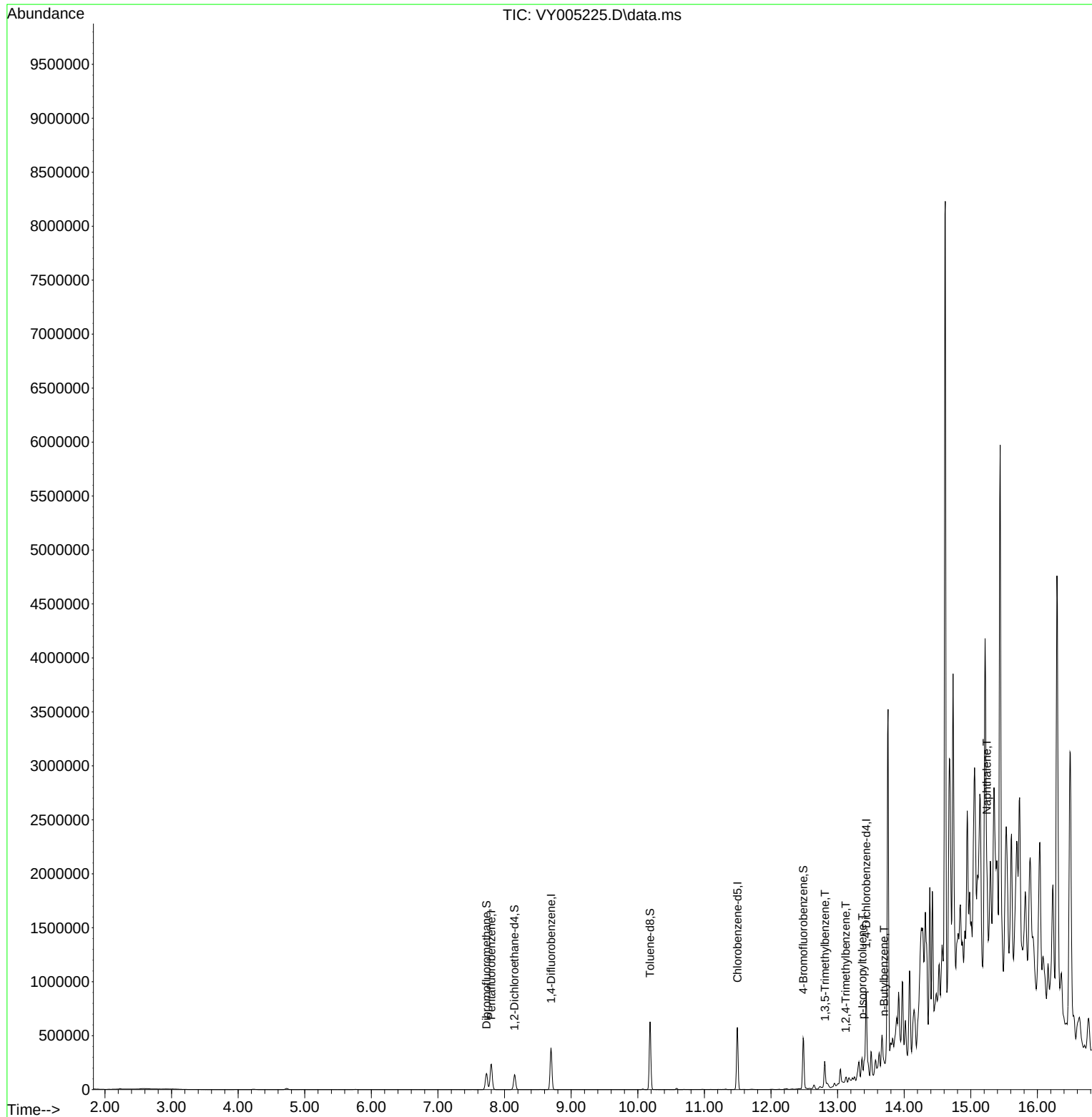
Internal Standards						
1) Pentafluorobenzene	7.801	168	208997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	330233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107133	61.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.540%	
35) Dibromofluoromethane	7.728	113	105672	52.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.120%	
50) Toluene-d8	10.185	98	415545	51.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.483	95	137638	51.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.740%	
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.813	105	10630	1.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	24002	2.784	ug/l	99
86) p-Isopropyltoluene	13.373	119	13903	1.425	ug/l	99
89) n-Butylbenzene	13.697	91	22137	2.582	ug/l #	58
95) Naphthalene	15.239	128	412401	66.959	ug/l #	88

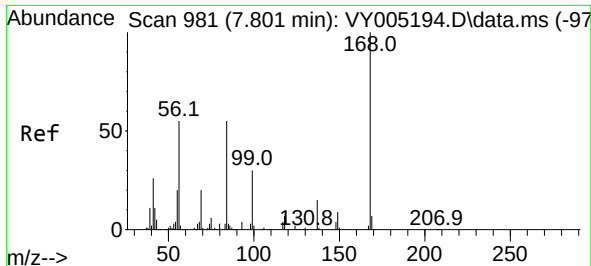
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

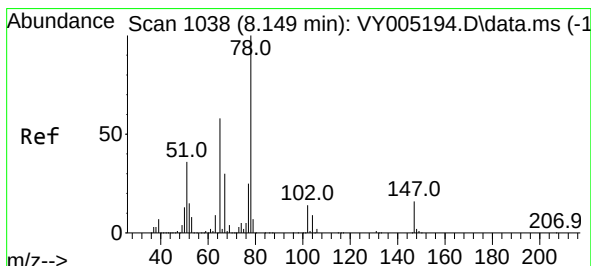
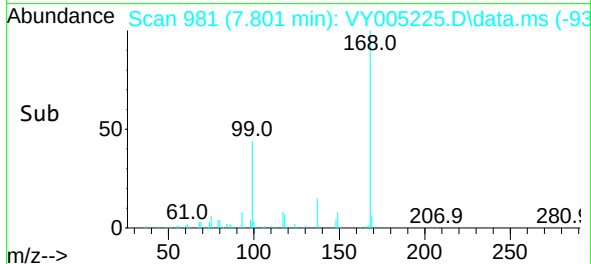
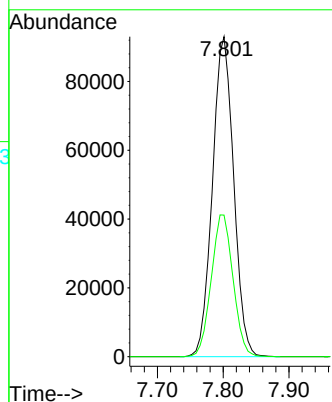
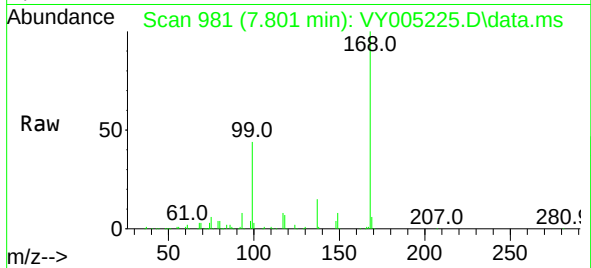




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

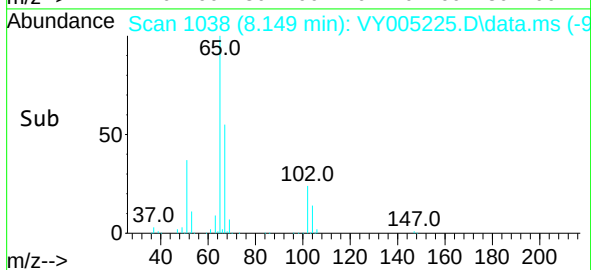
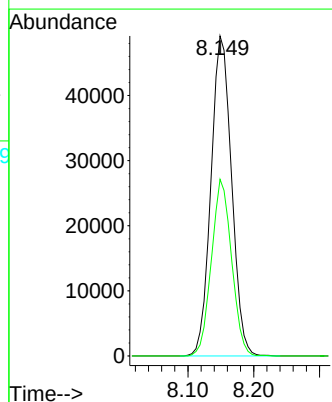
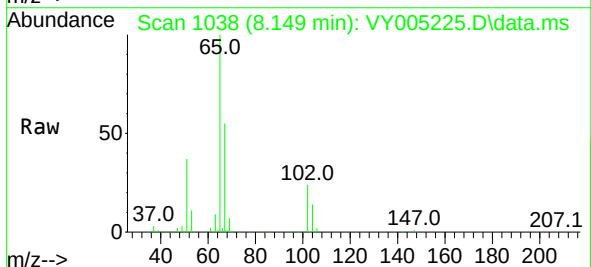
Instrument :
MSVOA_Y
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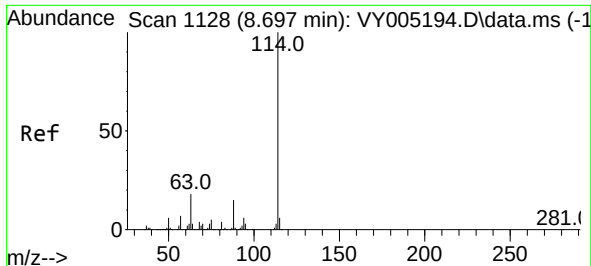
Tgt Ion:168 Resp: 208997
Ion Ratio Lower Upper
168 100
99 44.2 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 61.770 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Tgt Ion: 65 Resp: 107133
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

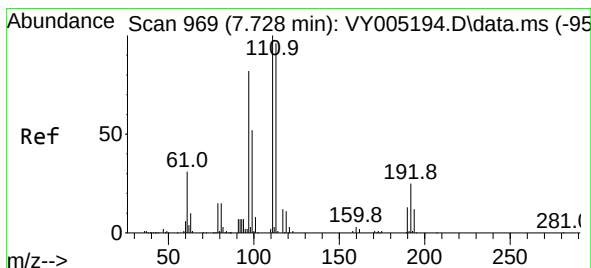
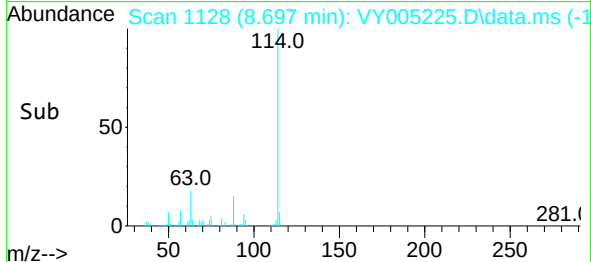
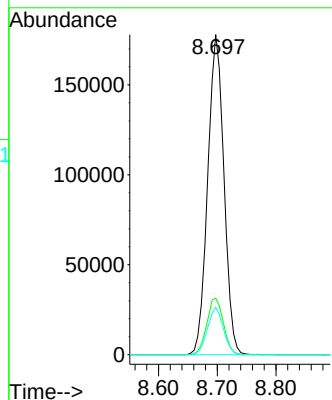
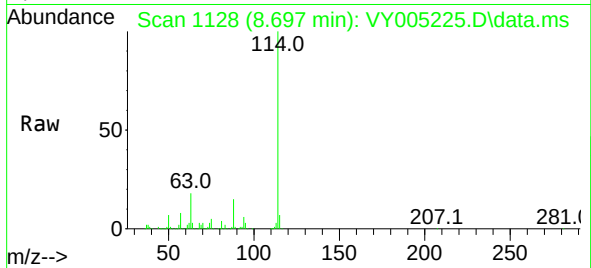




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

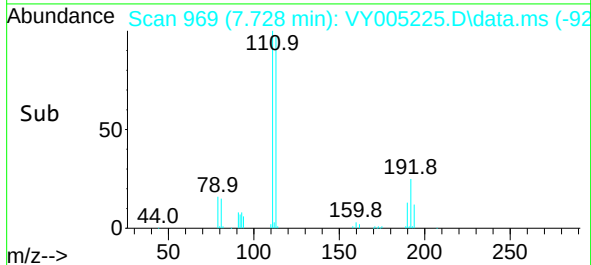
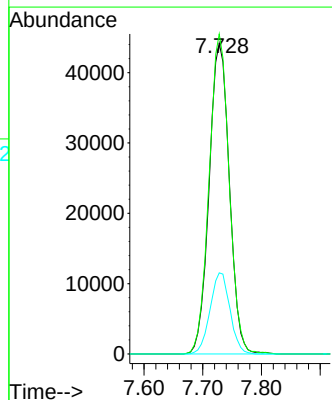
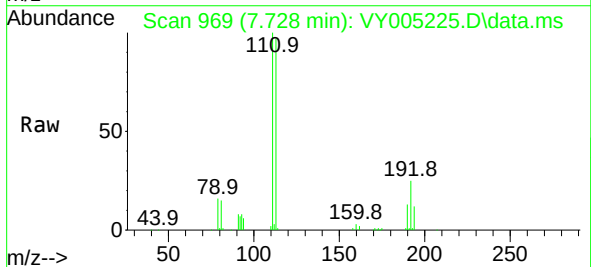
Instrument :
MSVOA_Y
ClientSampleId :
PILE-1-062421

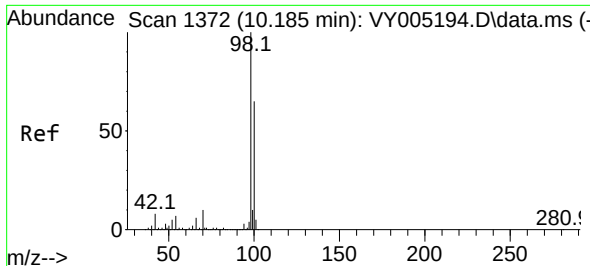
Tgt Ion:114 Resp: 340913
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.559 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Tgt Ion:113 Resp: 105672
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 25.6 20.2 30.2

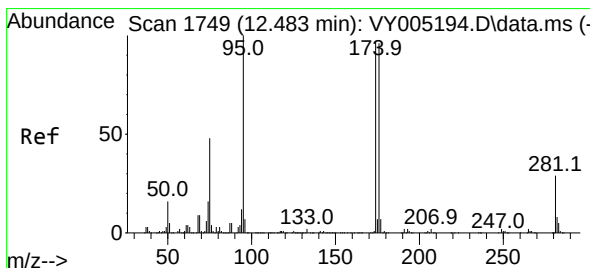
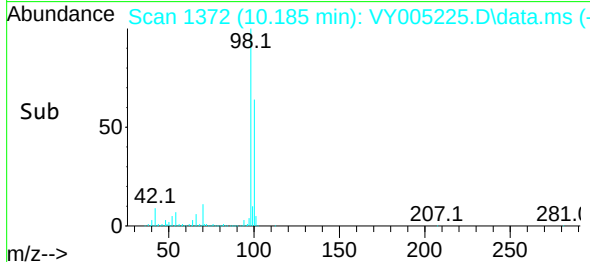
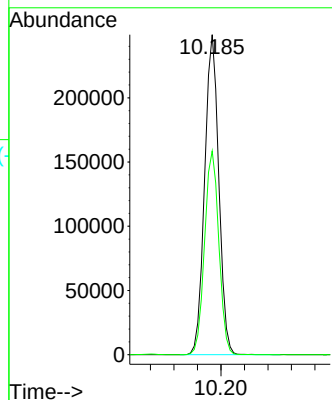
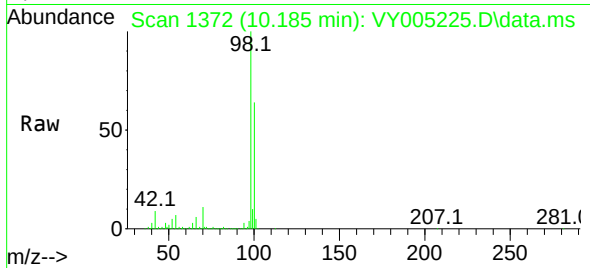




#50
Toluene-d8
Concen: 51.682 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

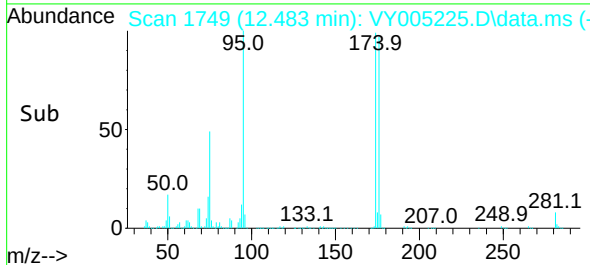
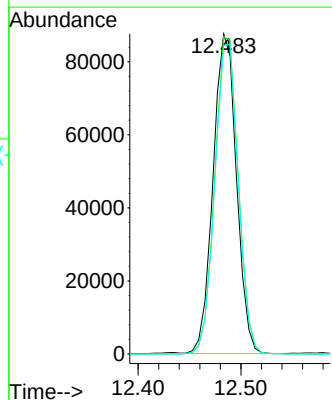
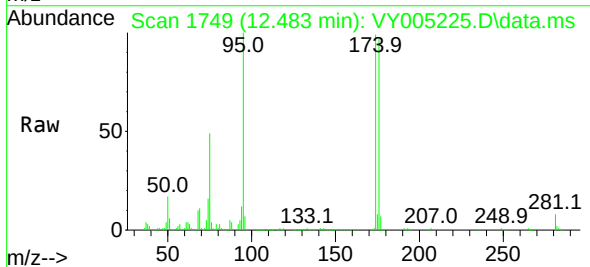
Instrument :
MSVOA_Y
ClientSampleId :
PILE-1-062421

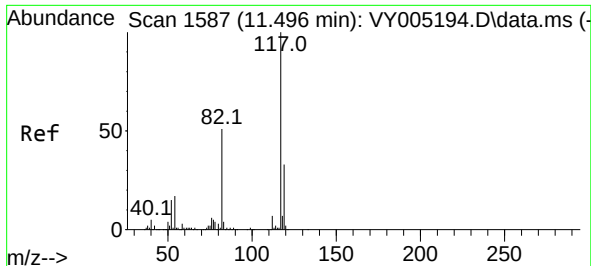
Tgt Ion: 98 Resp: 415545
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Tgt Ion: 95 Resp: 137638
Ion Ratio Lower Upper
95 100
174 100.0 0.0 201.6
176 97.7 0.0 197.4

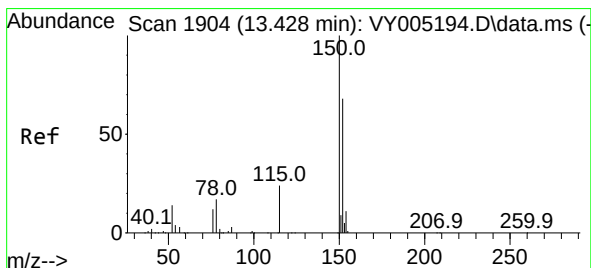
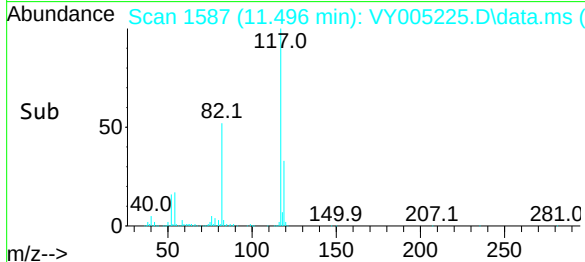
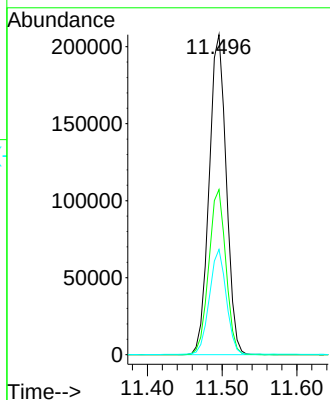
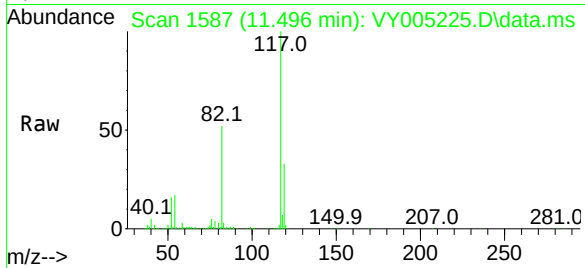




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

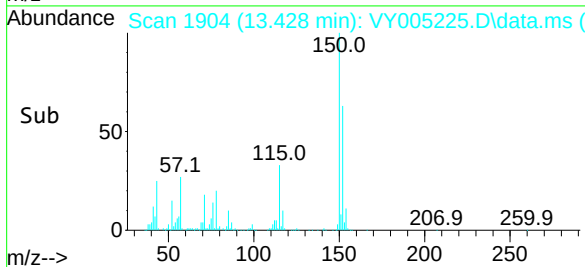
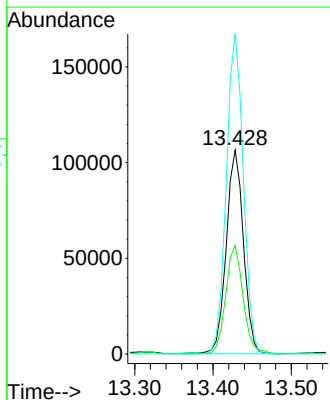
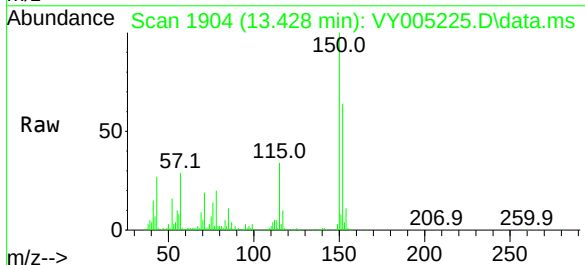
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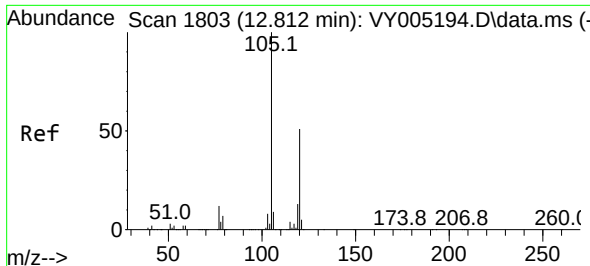
Tgt Ion:	117	Resp:	330233
Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.6	60.8
119	32.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Tgt Ion:	152	Resp:	162538
Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.3	78.8
150	155.4	0.0	344.2

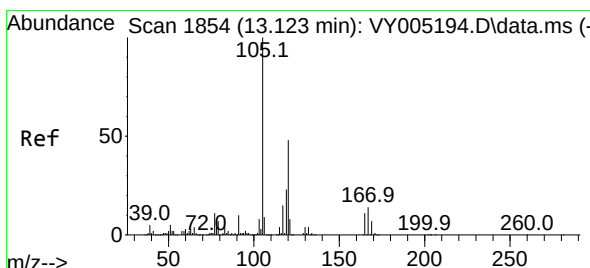
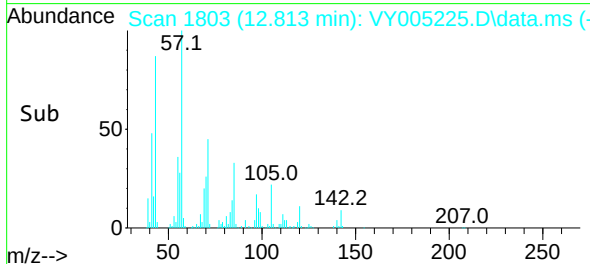
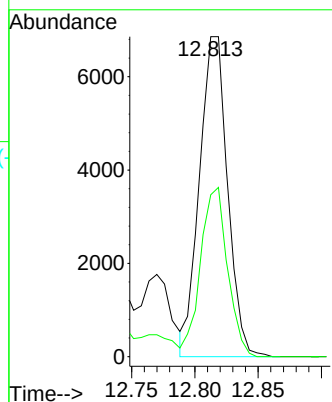
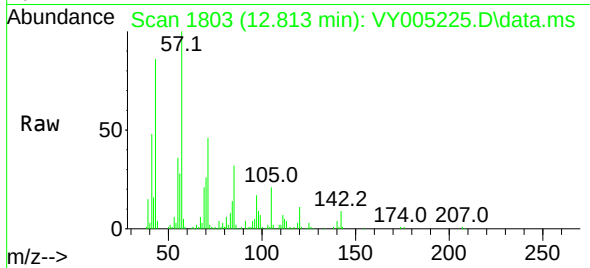




#80
1,3,5-Trimethylbenzene
Concen: 1.219 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

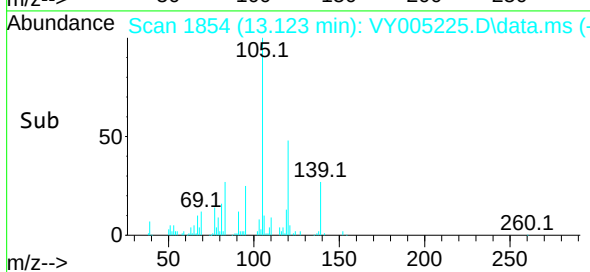
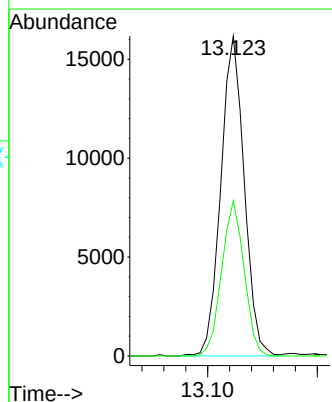
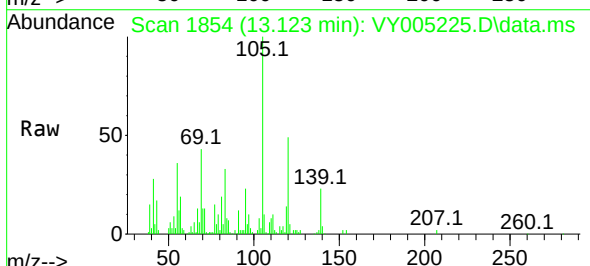
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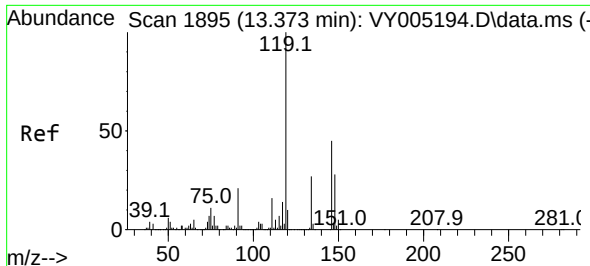
Tgt Ion:105 Resp: 10630
Ion Ratio Lower Upper
105 100
120 50.8 25.9 77.7



#84
1,2,4-Trimethylbenzene
Concen: 2.784 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Tgt Ion:105 Resp: 24002
Ion Ratio Lower Upper
105 100
120 46.4 23.6 71.0

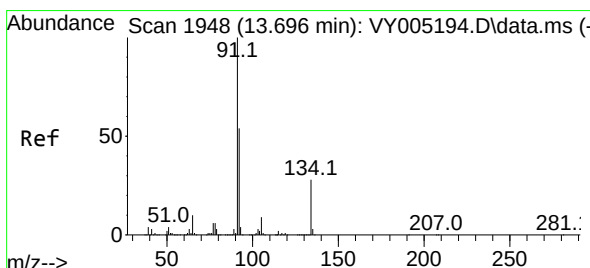
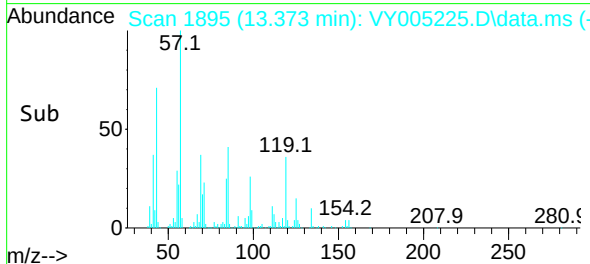
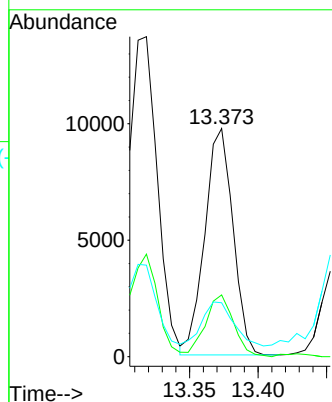
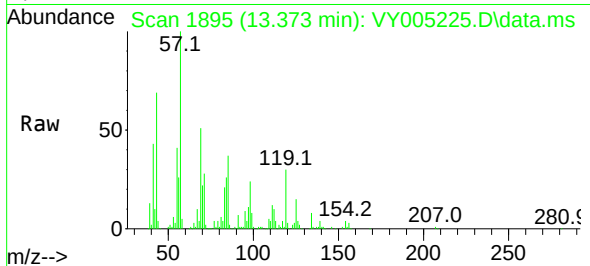




#86
p-Isopropyltoluene
Concen: 1.425 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

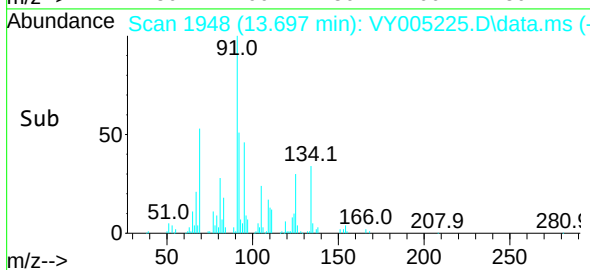
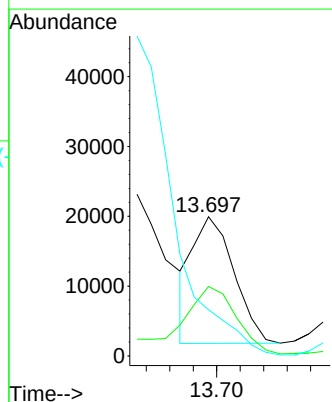
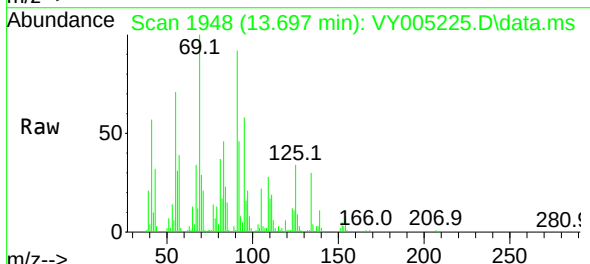
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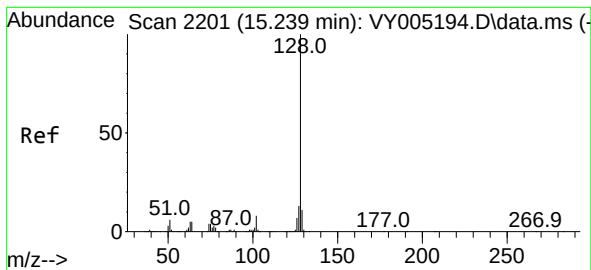
Tgt Ion:	119	Resp:	13903
Ion Ratio	Lower	Upper	
119	100		
134	27.2	13.9	41.6
91	21.5	10.8	32.3



#89
n-Butylbenzene
Concen: 2.582 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

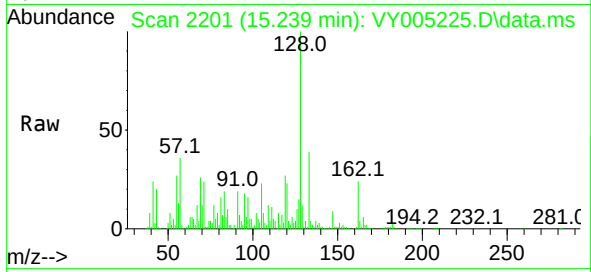
Tgt Ion:	91	Resp:	22137
Ion Ratio	Lower	Upper	
91	100		
92	79.1	27.0	81.0
134	0.0	14.6	44.0





#95
Naphthalene
Concen: 66.959 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005225.D
Acq: 25 Jun 2021 14:07

Instrument :
MSVOA_Y
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Tgt Ion:128 Resp: 412401
Ion Ratio Lower Upper
128 100
127 18.7 10.2 15.4#
129 14.0 8.7 13.1#

