

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007922.D
 Acq On : 19 Mar 2022 00:29
 Operator : SY/MD
 Sample : N1958-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-2-1-2

Quant Time: Mar 19 01:41:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

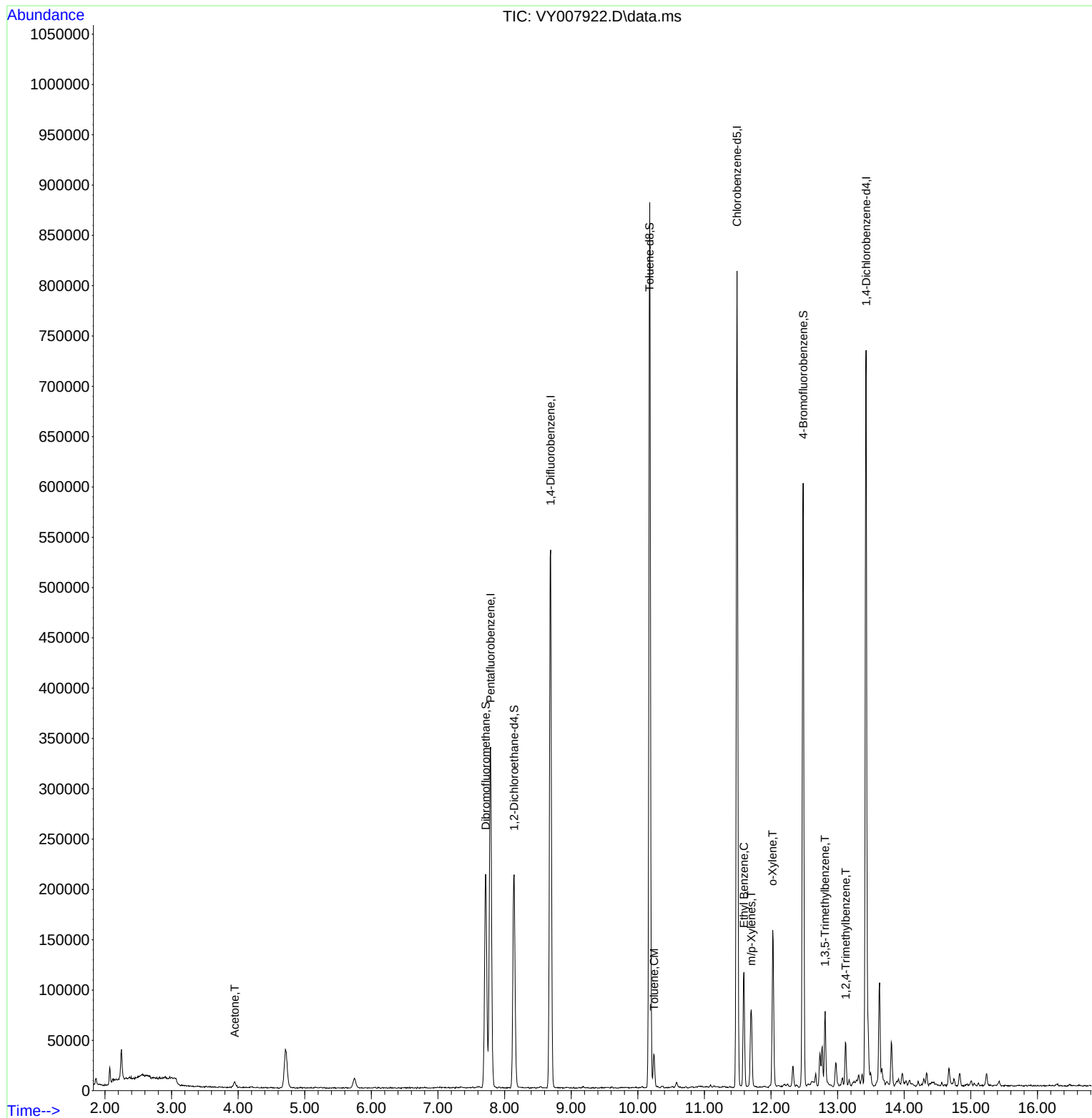
Internal Standards						
1) Pentafluorobenzene	7.789	168	257724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	473535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	431848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	160938	54.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.715	113	152403	45.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.660%	
50) Toluene-d8	10.178	98	574125	58.130	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.260%	
62) 4-Bromofluorobenzene	12.483	95	201967	42.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8934	11.460	ug/l	91
52) Toluene	10.246	92	13345	1.442	ug/l	95
67) Ethyl Benzene	11.593	91	77198	4.189	ug/l	97
68) m/p-Xylenes	11.703	106	25154	3.499	ug/l	95
69) o-Xylene	12.026	106	41384	5.952	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	35711	2.736	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	22997	1.798	ug/l	96

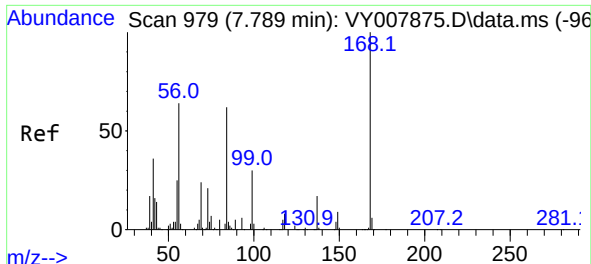
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 01:41:14 2022
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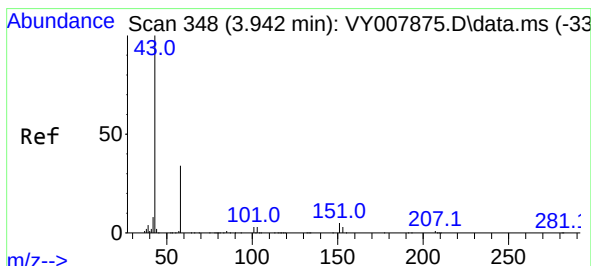
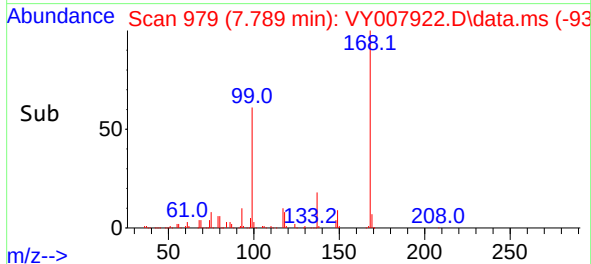
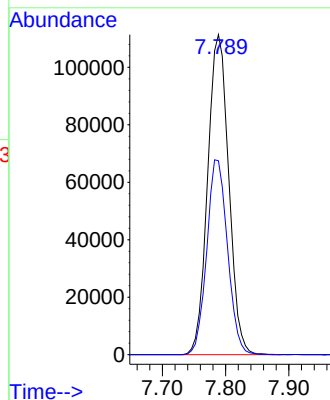
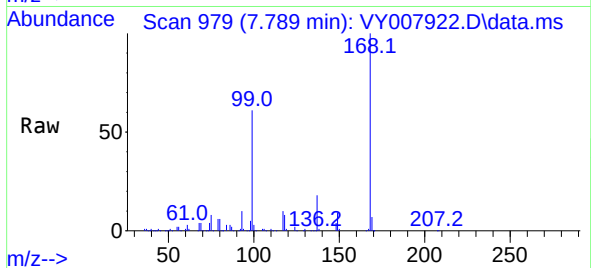




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

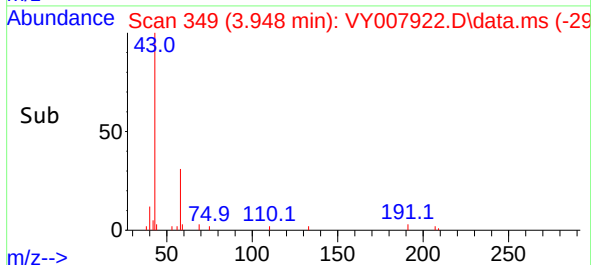
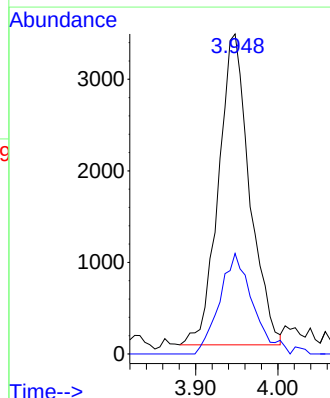
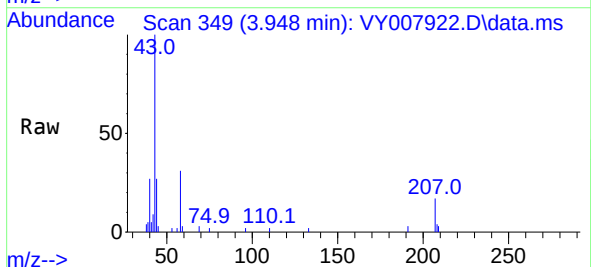
Instrument :
MSVOA_Y
ClientSampleId :
C-2-1-2

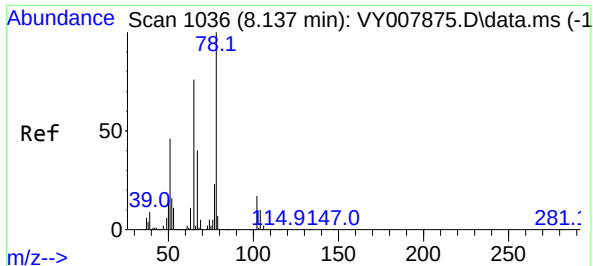
Tgt Ion:168 Resp: 257724
Ion Ratio Lower Upper
168 100
99 60.6 46.9 70.3



#16
Acetone
Concen: 11.460 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion: 43 Resp: 8934
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

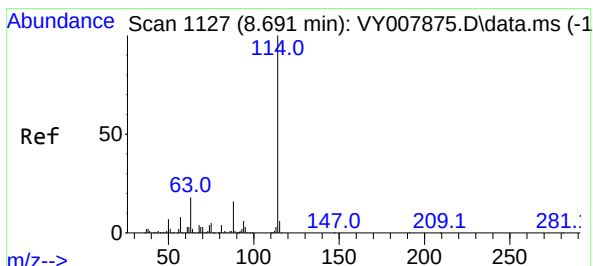
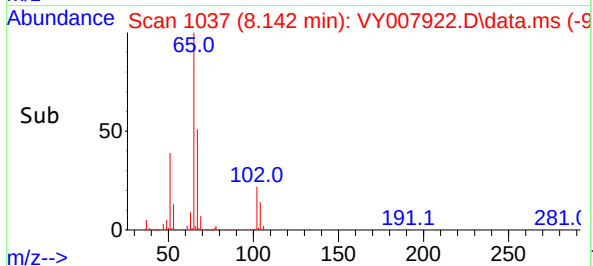
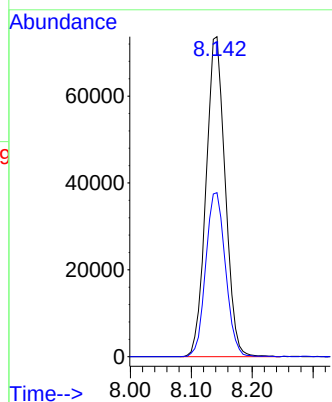
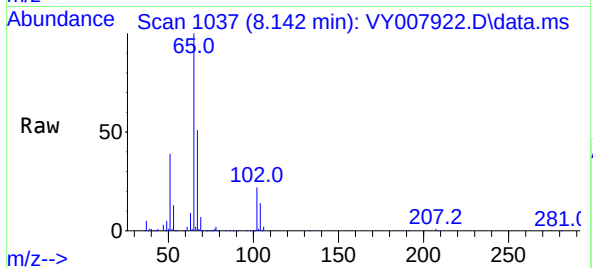




#33
1,2-Dichloroethane-d4
Concen: 54.768 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

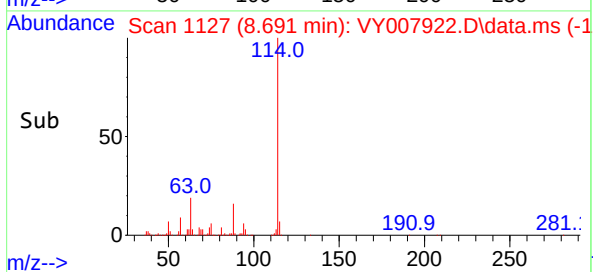
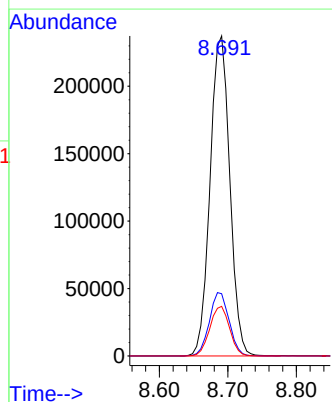
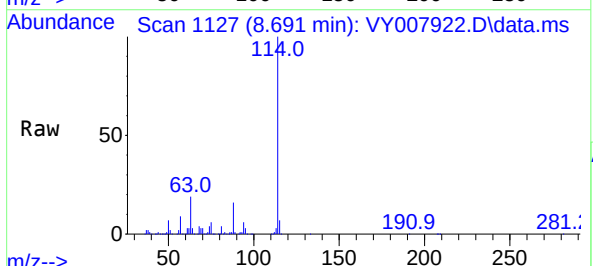
Instrument :
MSVOA_Y
ClientSampleId :
C-2-1-2

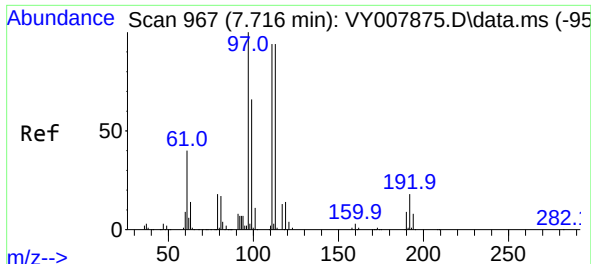
Tgt Ion: 65 Resp: 160938
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion:114 Resp: 473535
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.5 0.0 31.8

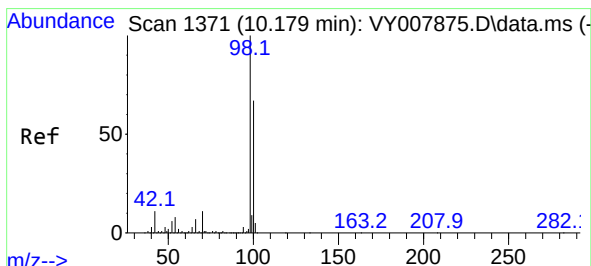
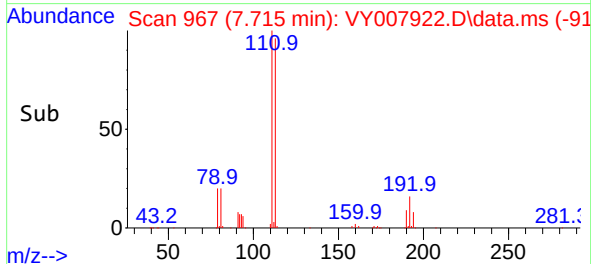
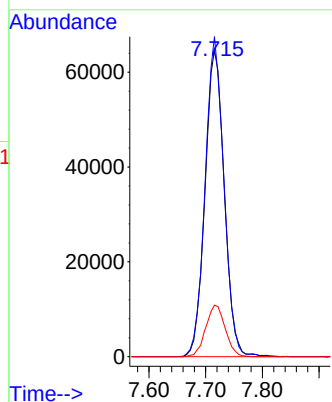
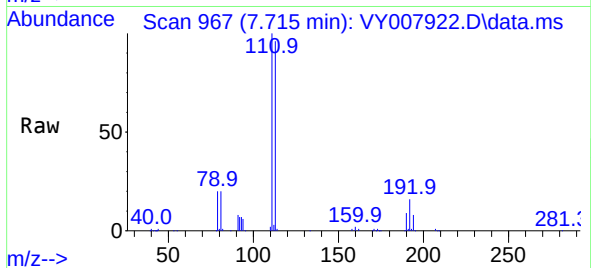




#35
Dibromofluoromethane
Concen: 45.827 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

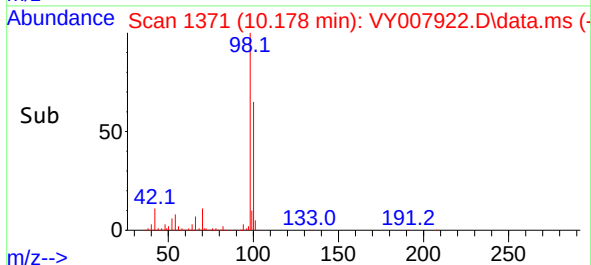
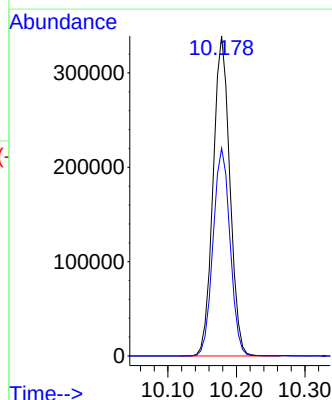
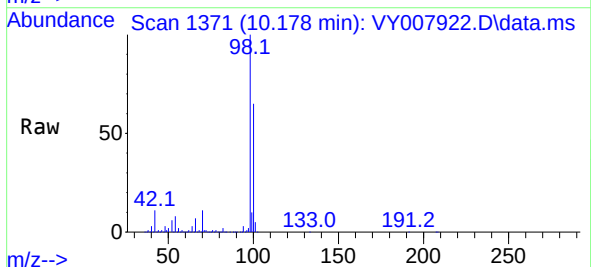
Instrument :
MSVOA_Y
ClientSampleId :
C-2-1-2

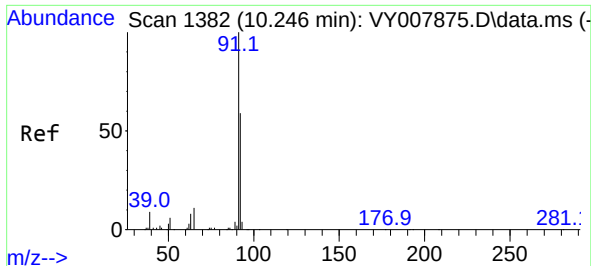
Tgt Ion:113 Resp: 152403
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 17.1 17.6 26.4#



#50
Toluene-d8
Concen: 58.130 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion: 98 Resp: 574125
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

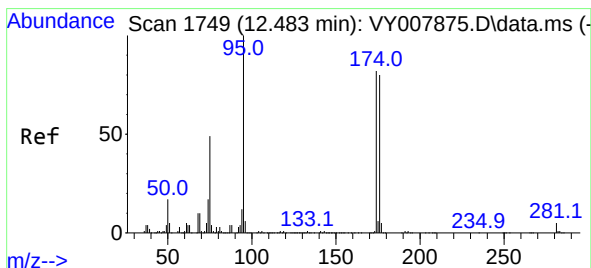
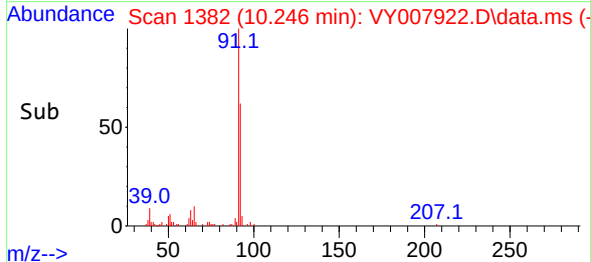
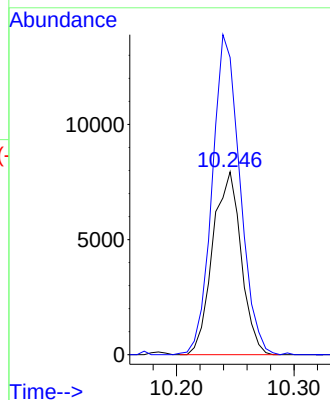
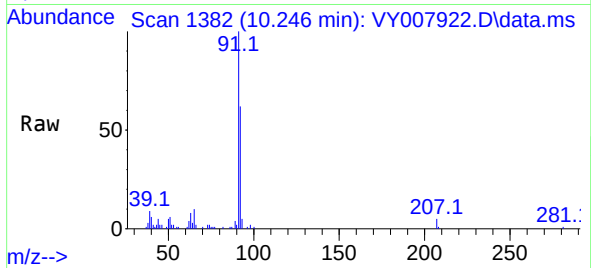




#52
Toluene
Concen: 1.442 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

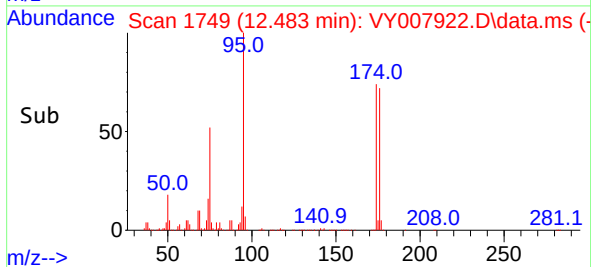
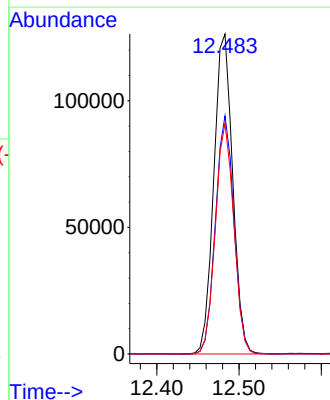
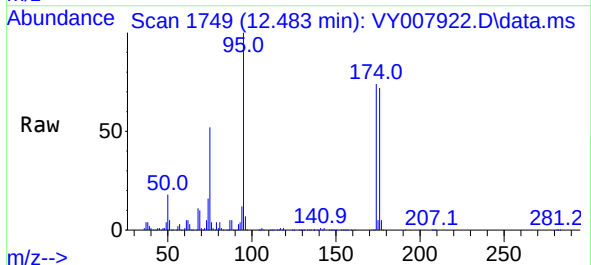
Instrument :
MSVOA_Y
ClientSampleId :
C-2-1-2

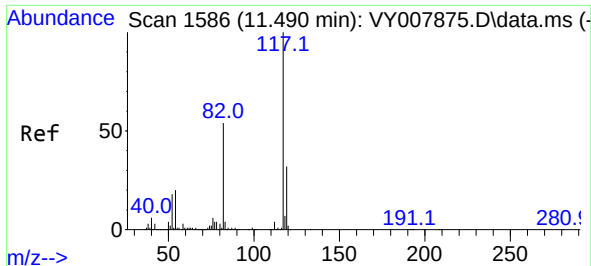
Tgt Ion: 92 Resp: 13345
Ion Ratio Lower Upper
92 100
91 170.9 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 42.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion: 95 Resp: 201967
Ion Ratio Lower Upper
95 100
174 72.7 0.0 177.0
176 70.2 0.0 175.8

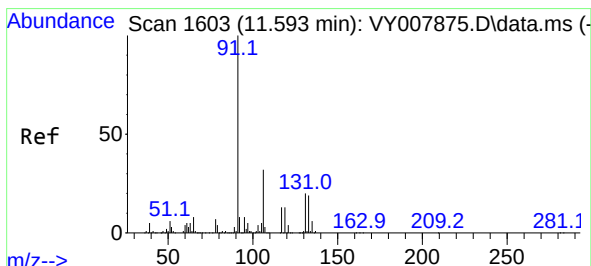
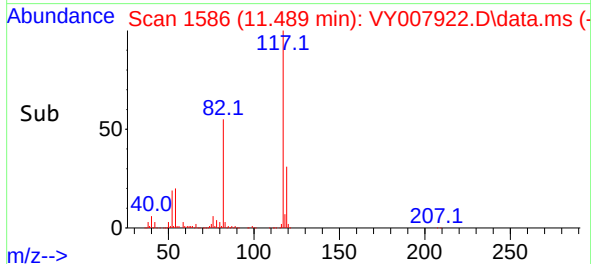
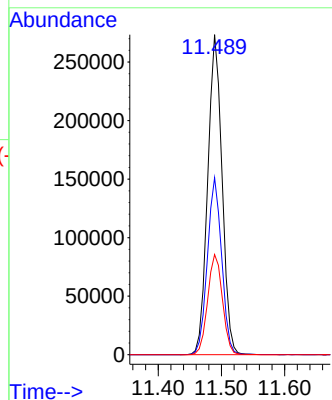
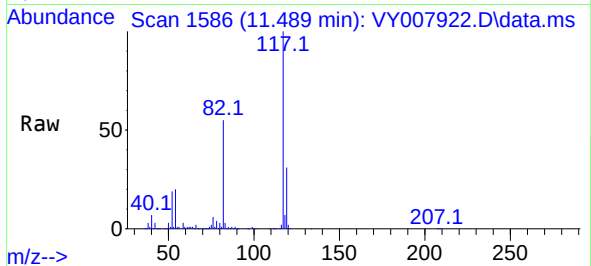




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

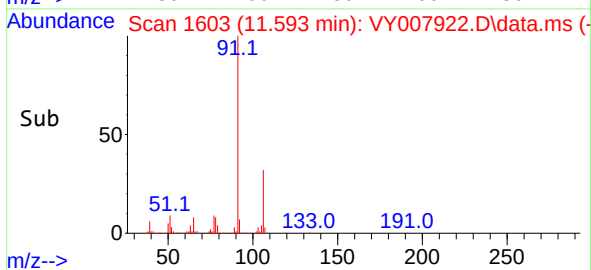
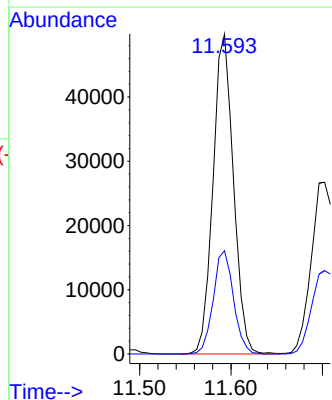
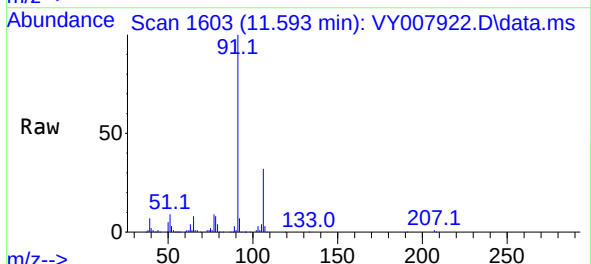
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C-2-1-2

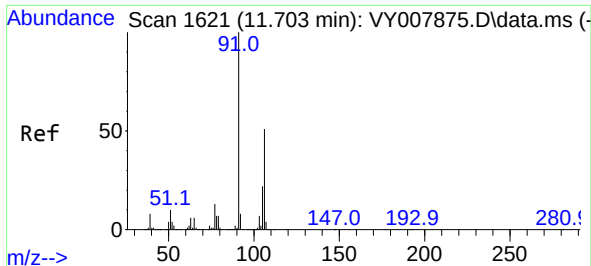
Tgt Ion:117 Resp: 431848
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 4.189 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion: 91 Resp: 77198
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

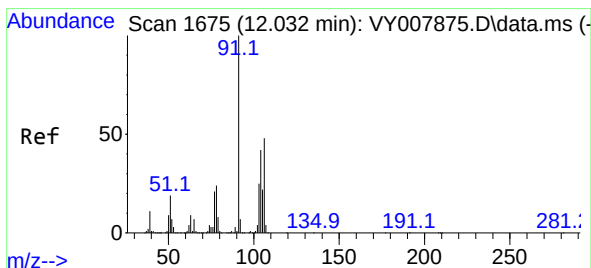
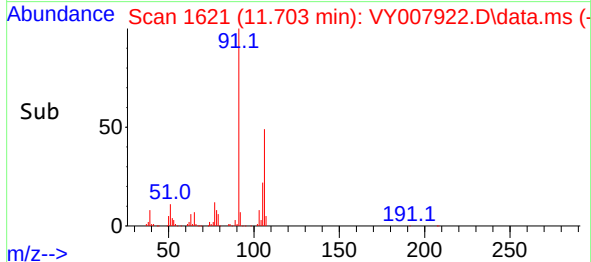
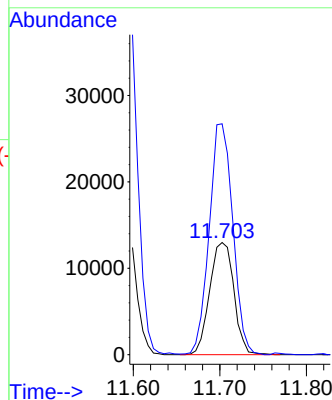
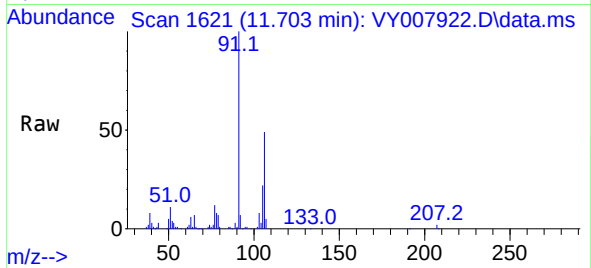




#68
m/p-Xylenes
Concen: 3.499 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

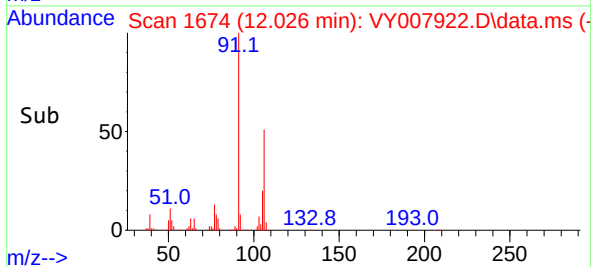
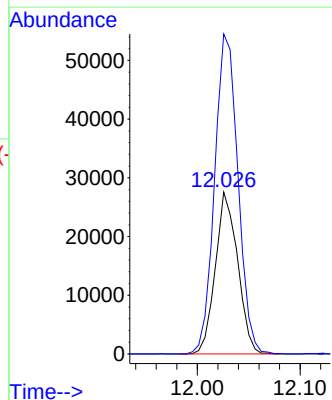
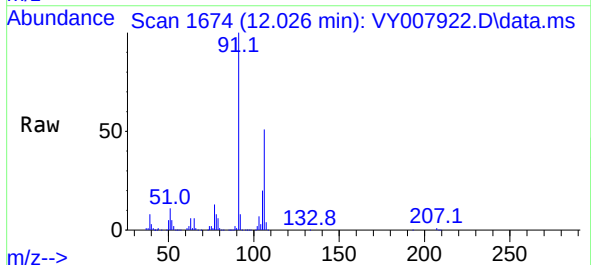
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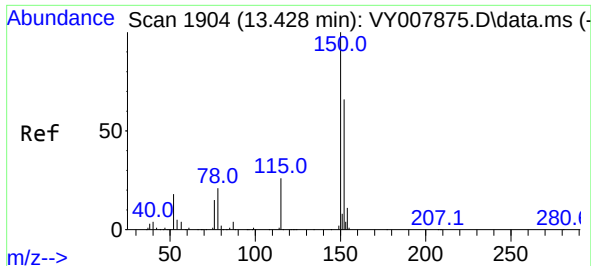
Tgt Ion:106 Resp: 25154
Ion Ratio Lower Upper
106 100
91 201.2 166.6 249.8



#69
o-Xylene
Concen: 5.952 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Tgt Ion:106 Resp: 41384
Ion Ratio Lower Upper
106 100
91 207.6 110.3 331.0

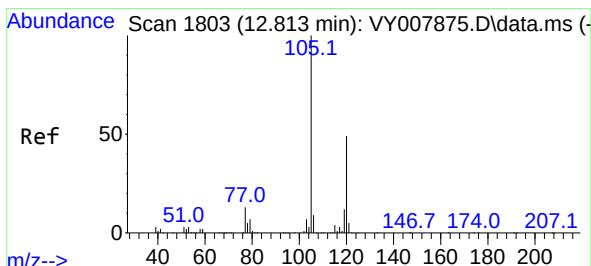
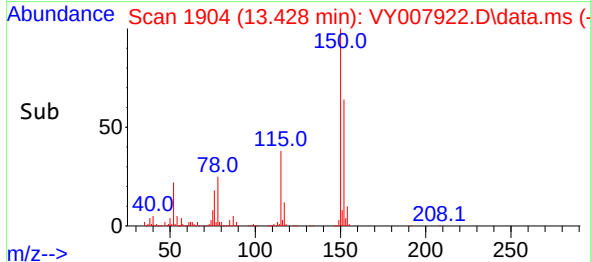
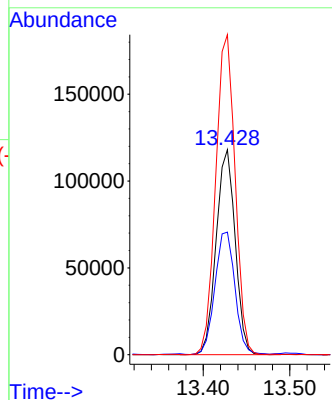
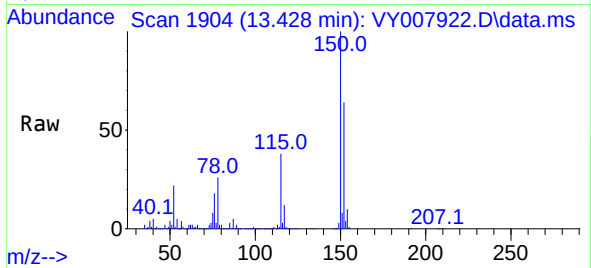




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007922.D
 Acq: 19 Mar 2022 00:29

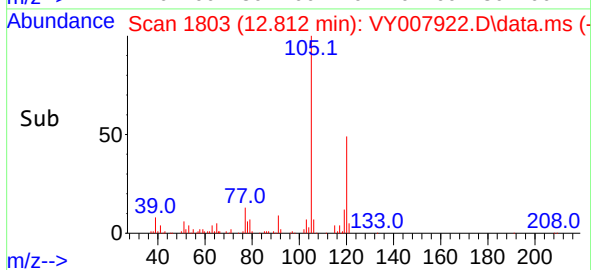
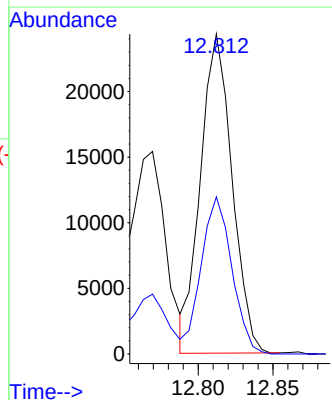
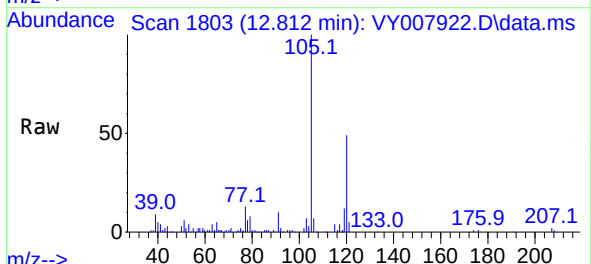
Instrument :
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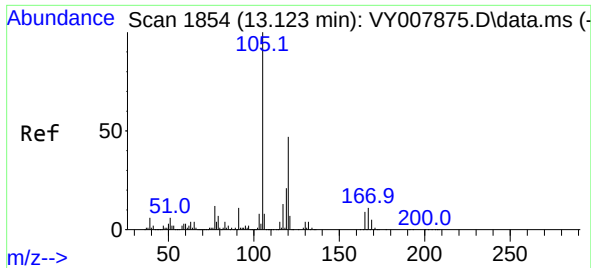
Tgt Ion:152 Resp: 180300
 Ion Ratio Lower Upper
 152 100
 115 63.0 28.2 84.7
 150 159.1 0.0 347.6



#80
 1,3,5-Trimethylbenzene
 Concen: 2.736 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY007922.D
 Acq: 19 Mar 2022 00:29

Tgt Ion:105 Resp: 35711
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.4 73.4





#84
1,2,4-Trimethylbenzene
Concen: 1.798 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007922.D
Acq: 19 Mar 2022 00:29

Instrument :
MSVOA_Y
ClientSampleId :
C-2-1-2

Tgt Ion:105 Resp: 22997
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.9

