

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008291.D
 Acq On : 12 Apr 2022 16:33
 Operator : KP/MD
 Sample : N2328-01RE
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1RE

Quant Time: Apr 13 08:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

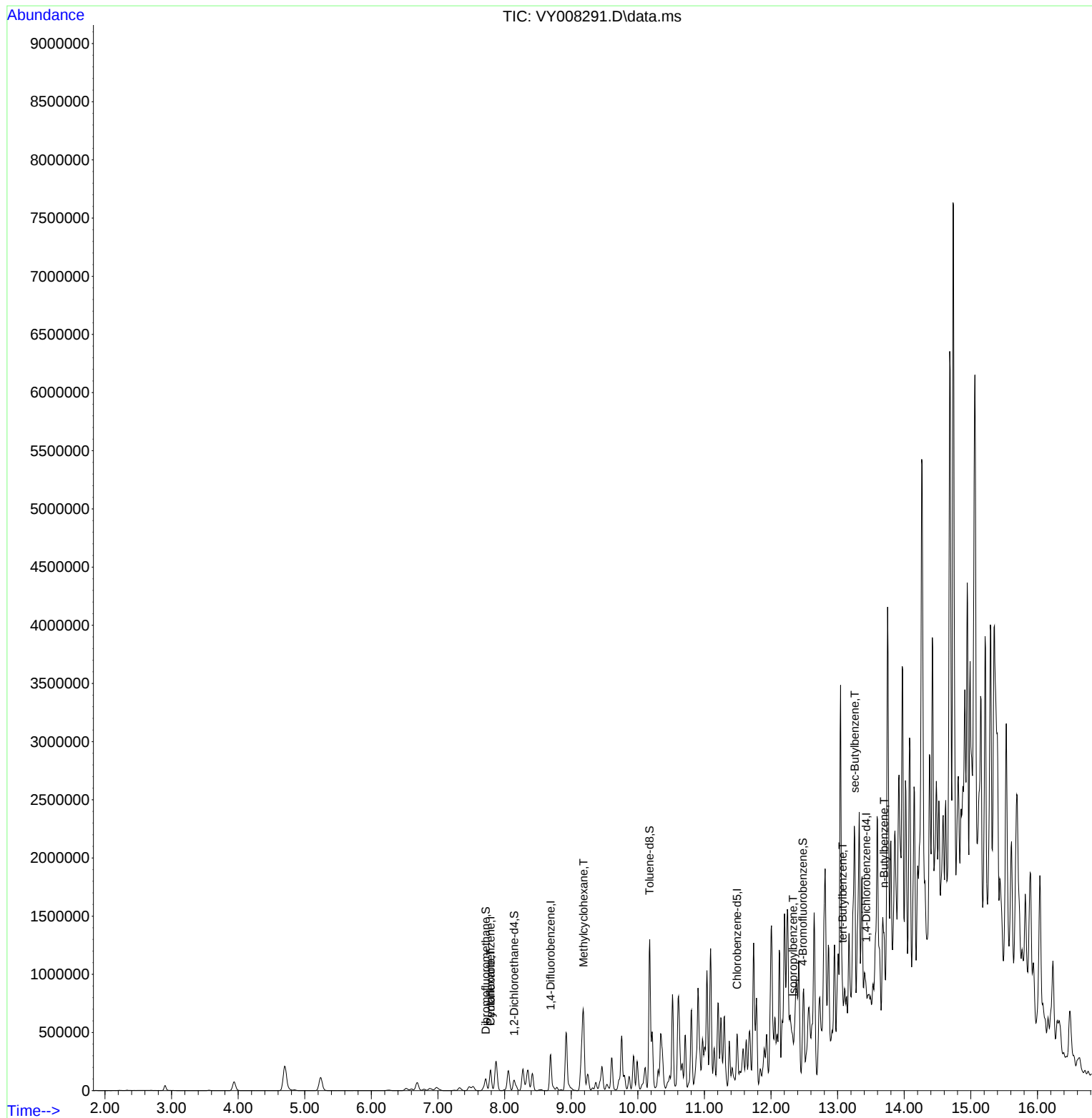
Internal Standards						
1) Pentafluorobenzene	7.789	168	116751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67582	61.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.240%	
35) Dibromofluoromethane	7.715	113	67029	53.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.178	98	338070	79.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 158.920%#	
62) 4-Bromofluorobenzene	12.477	95	136686	85.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 170.820%#	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.789	56	16582	8.362	ug/l #	80
39) Methylcyclohexane	9.185	83	238152	93.220	ug/l	87
73) Isopropylbenzene	12.330	105	10014	1.193	ug/l	98
83) tert-Butylbenzene	13.074	119	90652	14.676	ug/l	98
85) sec-Butylbenzene	13.257	105	863449	94.287	ug/l #	73
89) n-Butylbenzene	13.696	91	322043	46.643	ug/l #	66

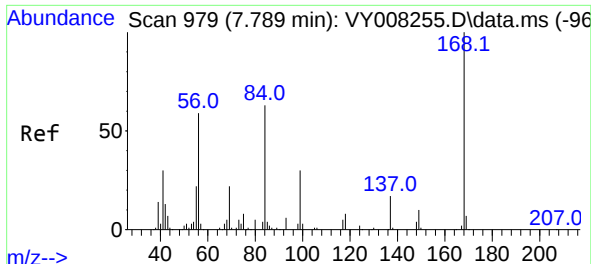
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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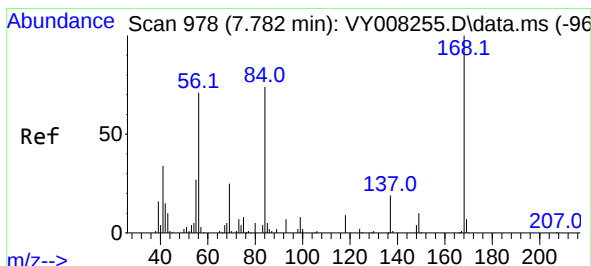
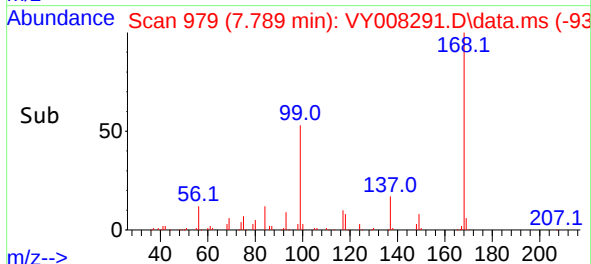
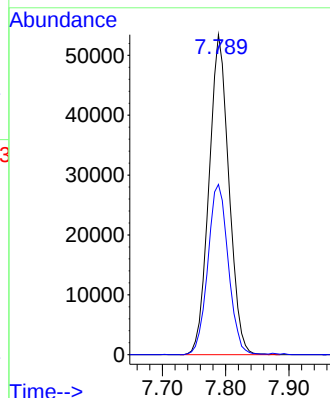
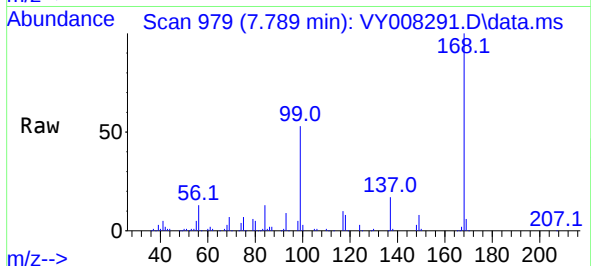




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

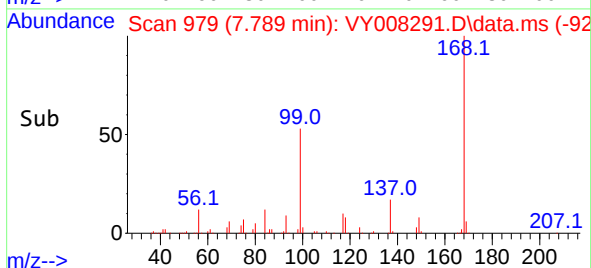
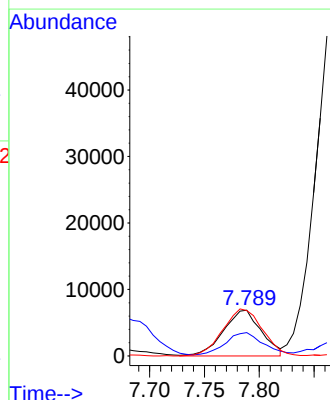
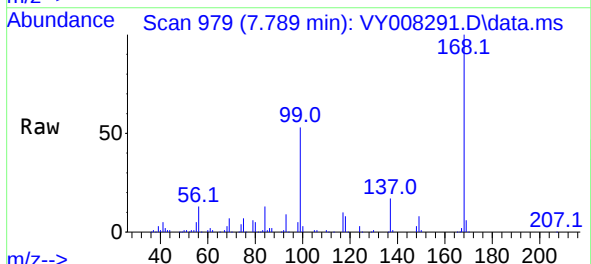
Instrument :
MSVOA_Y
ClientSampleId :
B-1RE

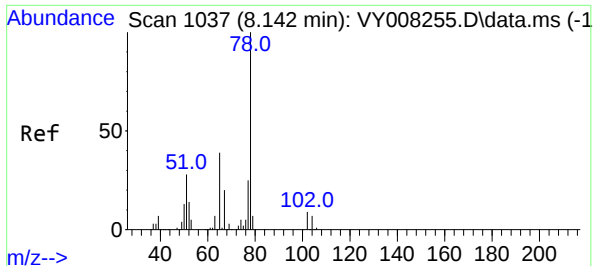
Tgt Ion:168 Resp: 116751
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#31
Cyclohexane
Concen: 8.362 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion: 56 Resp: 16582
Ion Ratio Lower Upper
56 100
69 46.0 26.7 40.1#
84 101.1 67.2 100.8#

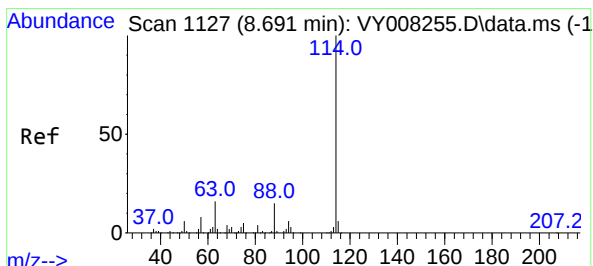
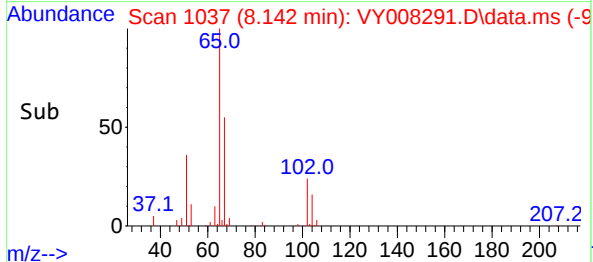
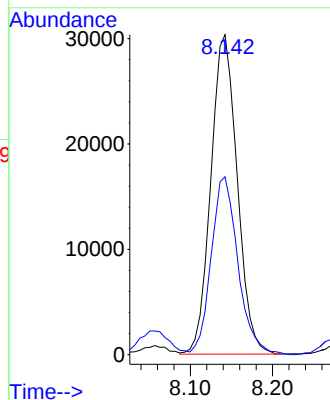
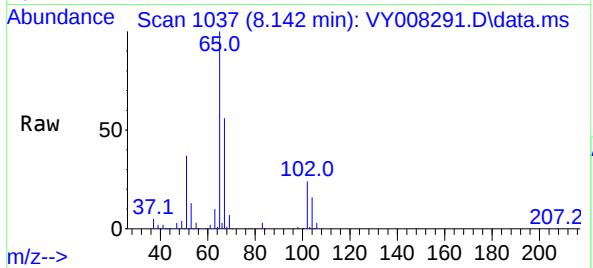




#33
1,2-Dichloroethane-d4
Concen: 61.625 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

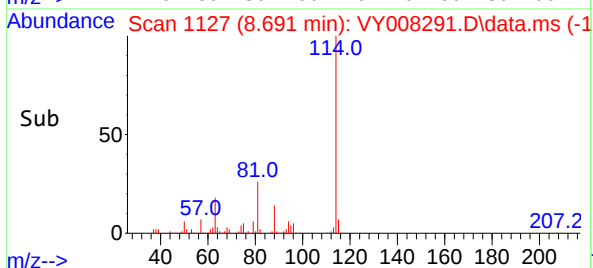
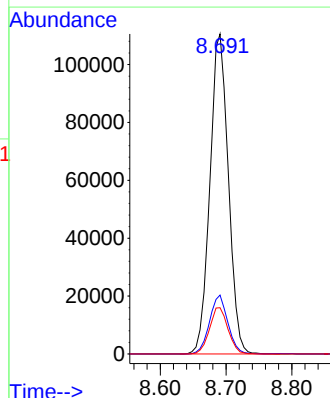
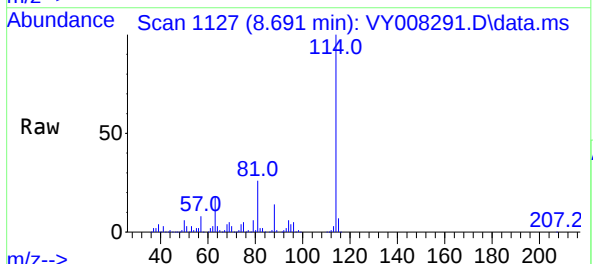
Instrument :
MSVOA_Y
ClientSampleId :
B-1RE

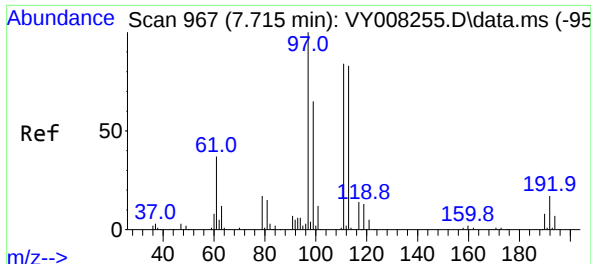
Tgt Ion: 65 Resp: 67582
Ion Ratio Lower Upper
65 100
67 56.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion: 114 Resp: 215279
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 14.5 0.0 31.8

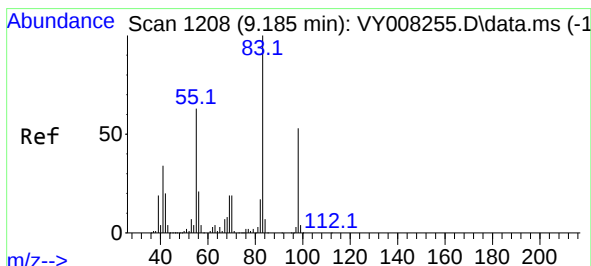
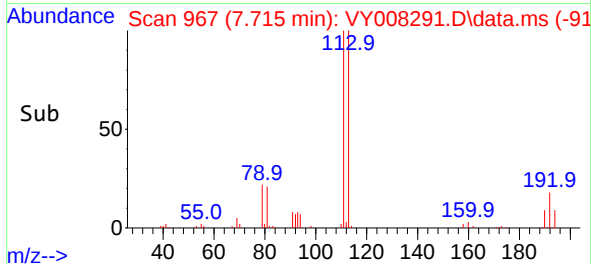
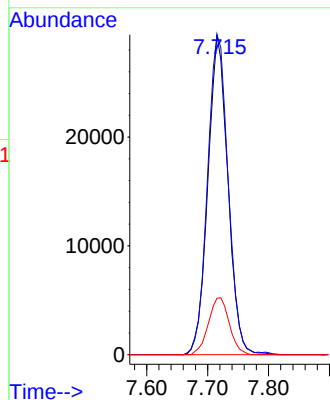
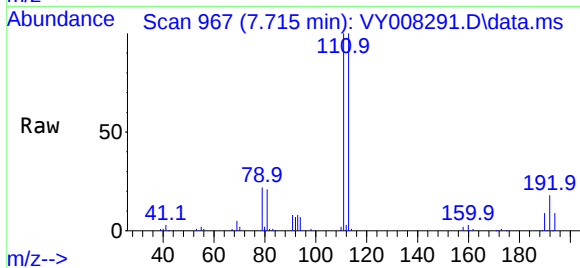




#35
Dibromofluoromethane
Concen: 53.907 ug/l
RT: 7.715 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

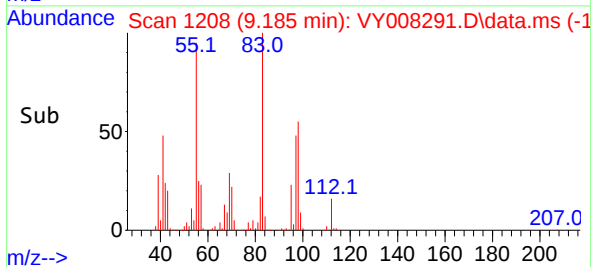
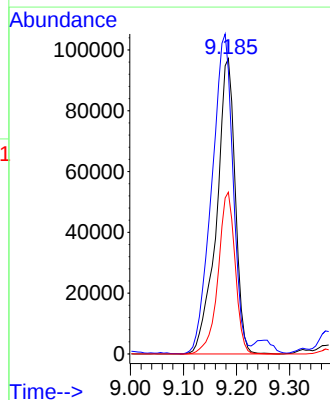
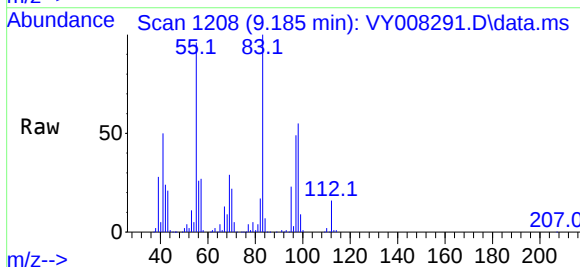
Instrument :
MSVOA_Y
ClientSampleId :
B-1RE

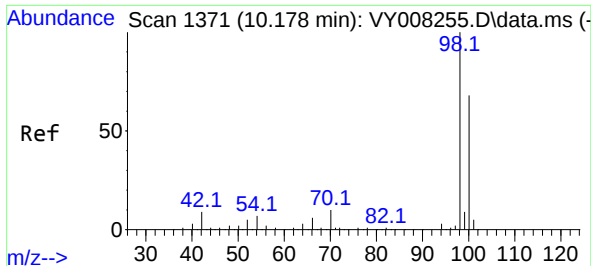
Tgt Ion:113 Resp: 67029
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.6 17.6 26.4



#39
Methylcyclohexane
Concen: 93.220 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion: 83 Resp: 238152
Ion Ratio Lower Upper
83 100
55 96.0 66.5 99.7
98 54.8 37.9 56.9

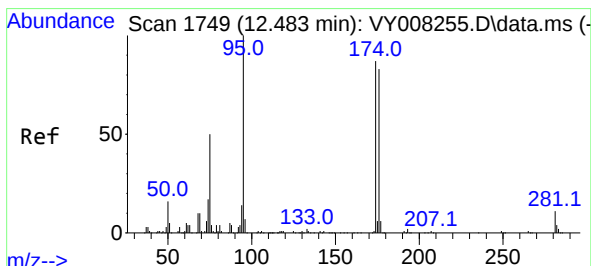
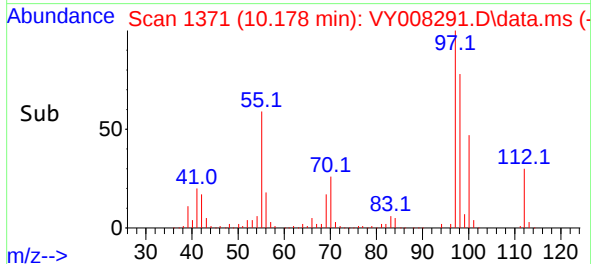
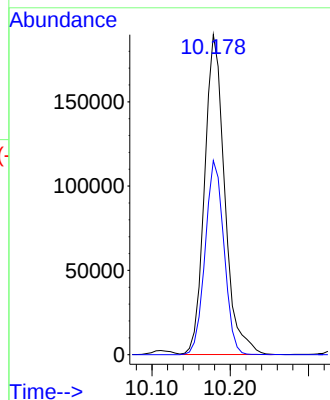
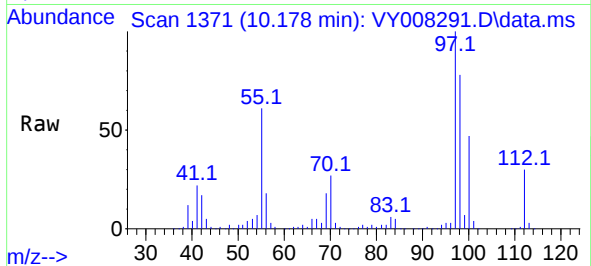




#50
Toluene-d8
Concen: 79.458 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

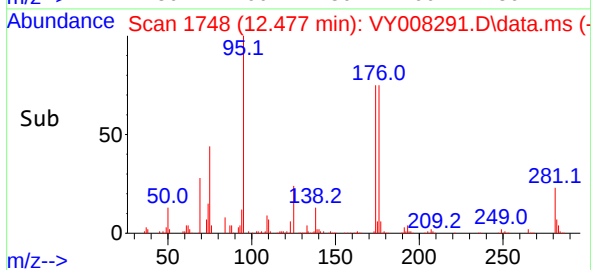
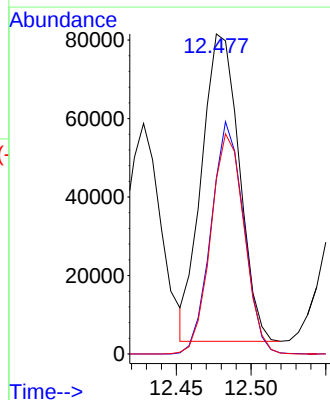
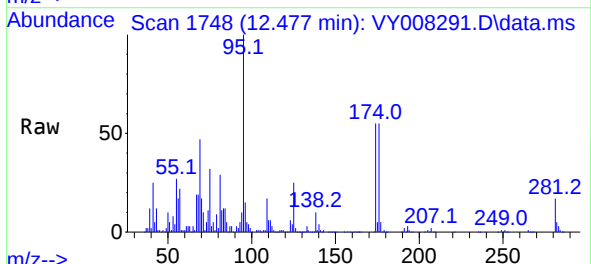
Instrument :
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ClientSampleId :
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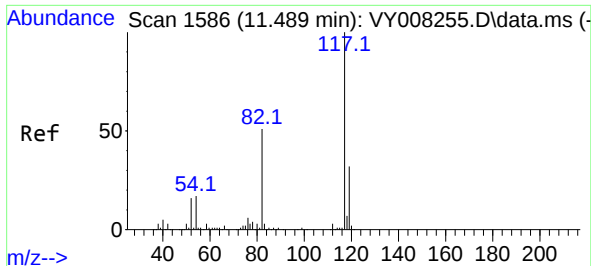
Tgt Ion: 98 Resp: 338070
Ion Ratio Lower Upper
98 100
100 56.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 85.413 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion: 95 Resp: 136686
Ion Ratio Lower Upper
95 100
174 65.8 0.0 177.0
176 64.0 0.0 175.8

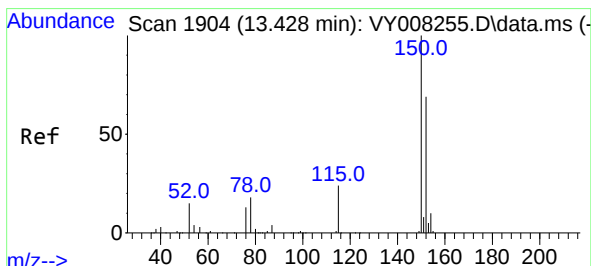
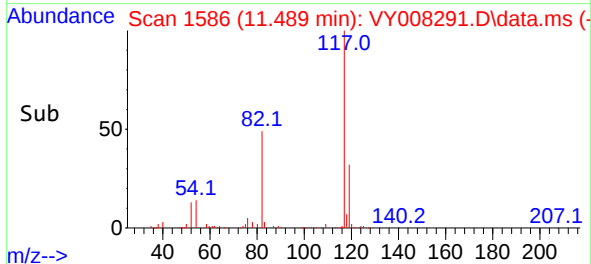
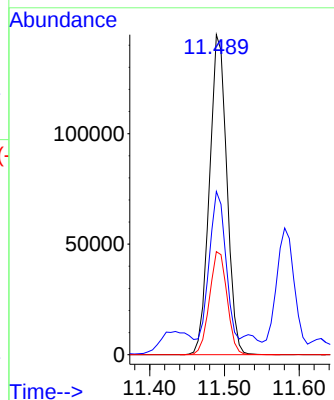
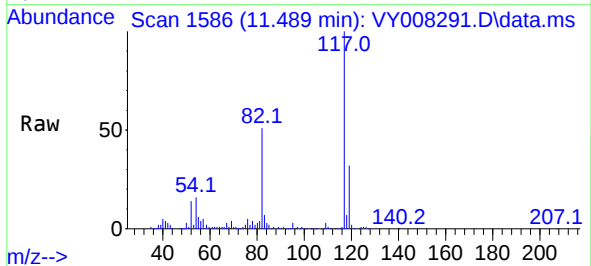




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

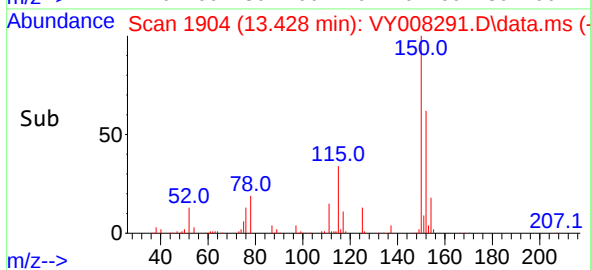
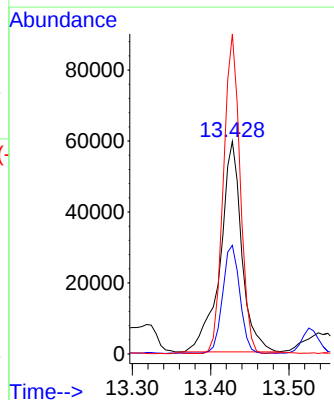
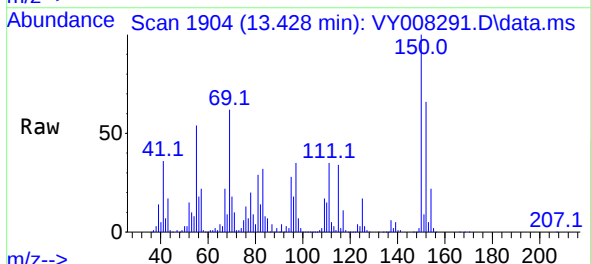
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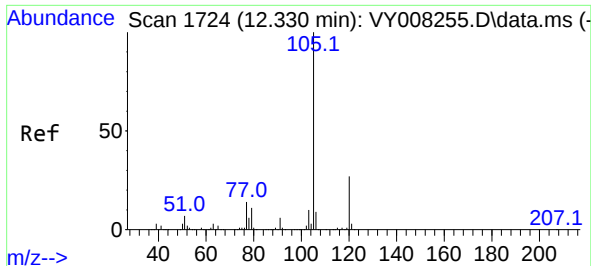
Tgt Ion:117 Resp: 233352
Ion Ratio Lower Upper
117 100
82 44.2 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion:152 Resp: 112942
Ion Ratio Lower Upper
152 100
115 41.4 28.2 84.7
150 118.0 0.0 347.6

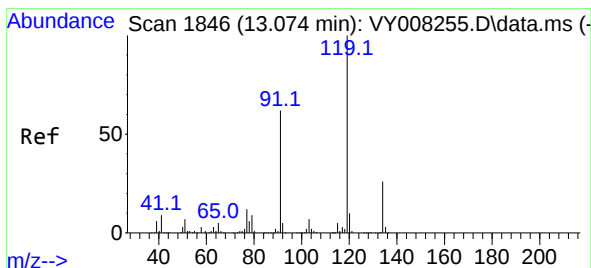
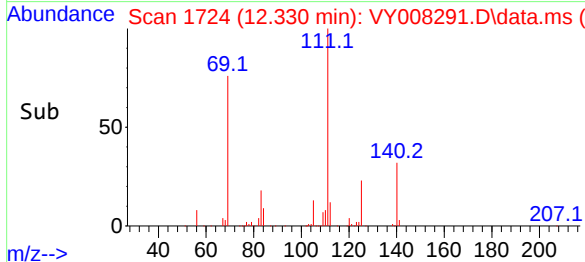
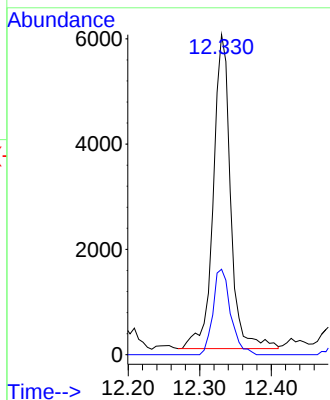
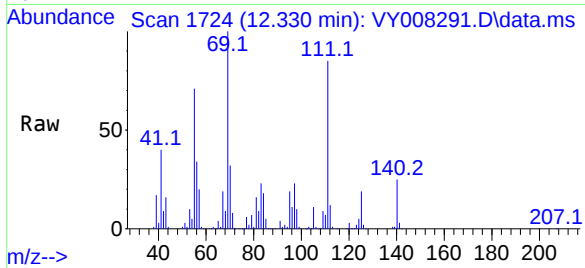




#73
Isopropylbenzene
Concen: 1.193 ug/l
RT: 12.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

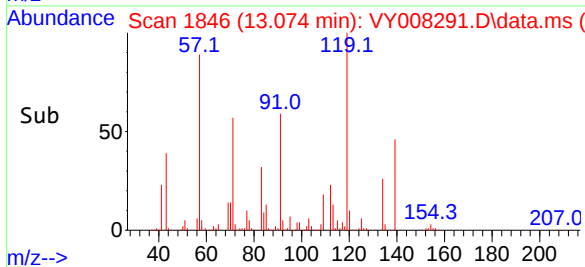
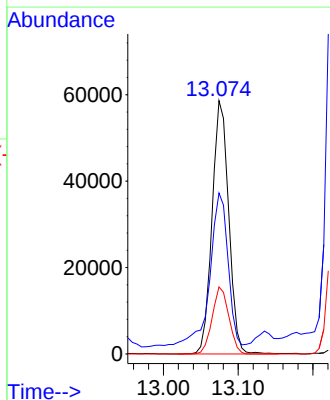
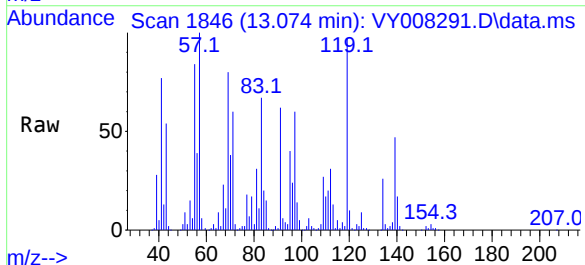
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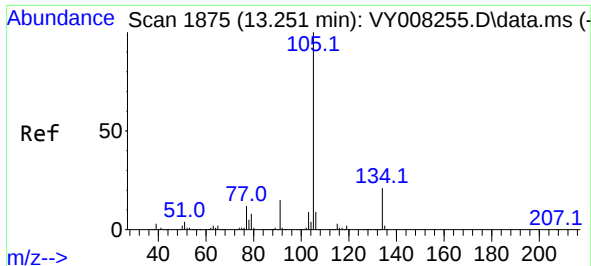
Tgt Ion:105 Resp: 10014
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#83
tert-Butylbenzene
Concen: 14.676 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008291.D
Acq: 12 Apr 2022 16:33

Tgt Ion:119 Resp: 90652
Ion Ratio Lower Upper
119 100
91 67.2 34.8 104.4
134 26.4 13.3 39.9

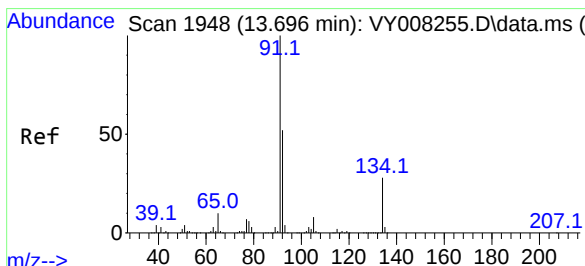
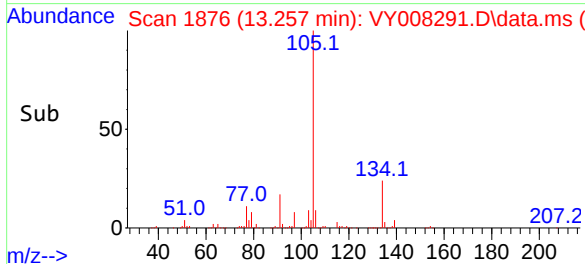
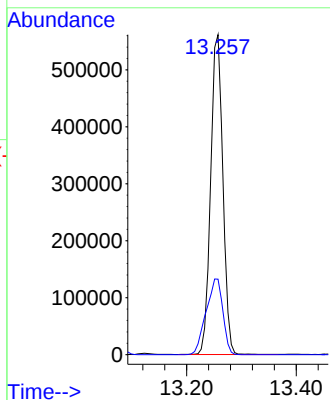
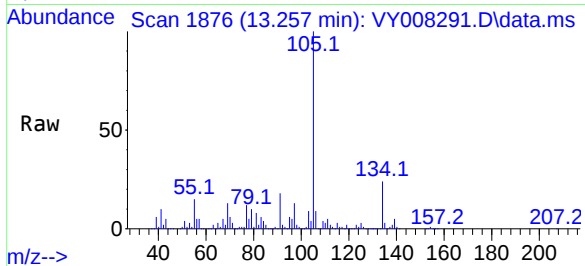




#85
 sec-Butylbenzene
 Concen: 94.287 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008291.D
 Acq: 12 Apr 2022 16:33

Instrument :
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 ClientSampleId :
 B-1RE

Tgt Ion:105 Resp: 863449
 Ion Ratio Lower Upper
 105 100
 134 32.6 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 46.643 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY008291.D
 Acq: 12 Apr 2022 16:33

Tgt Ion: 91 Resp: 322043
 Ion Ratio Lower Upper
 91 100
 92 44.8 26.3 78.9
 134 66.6 13.0 38.9#

