

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008414.D
 Acq On : 20 Apr 2022 13:34
 Operator : KP/MD
 Sample : N2468-01RE
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-6-GRRE

Quant Time: Apr 21 02:38:22 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)

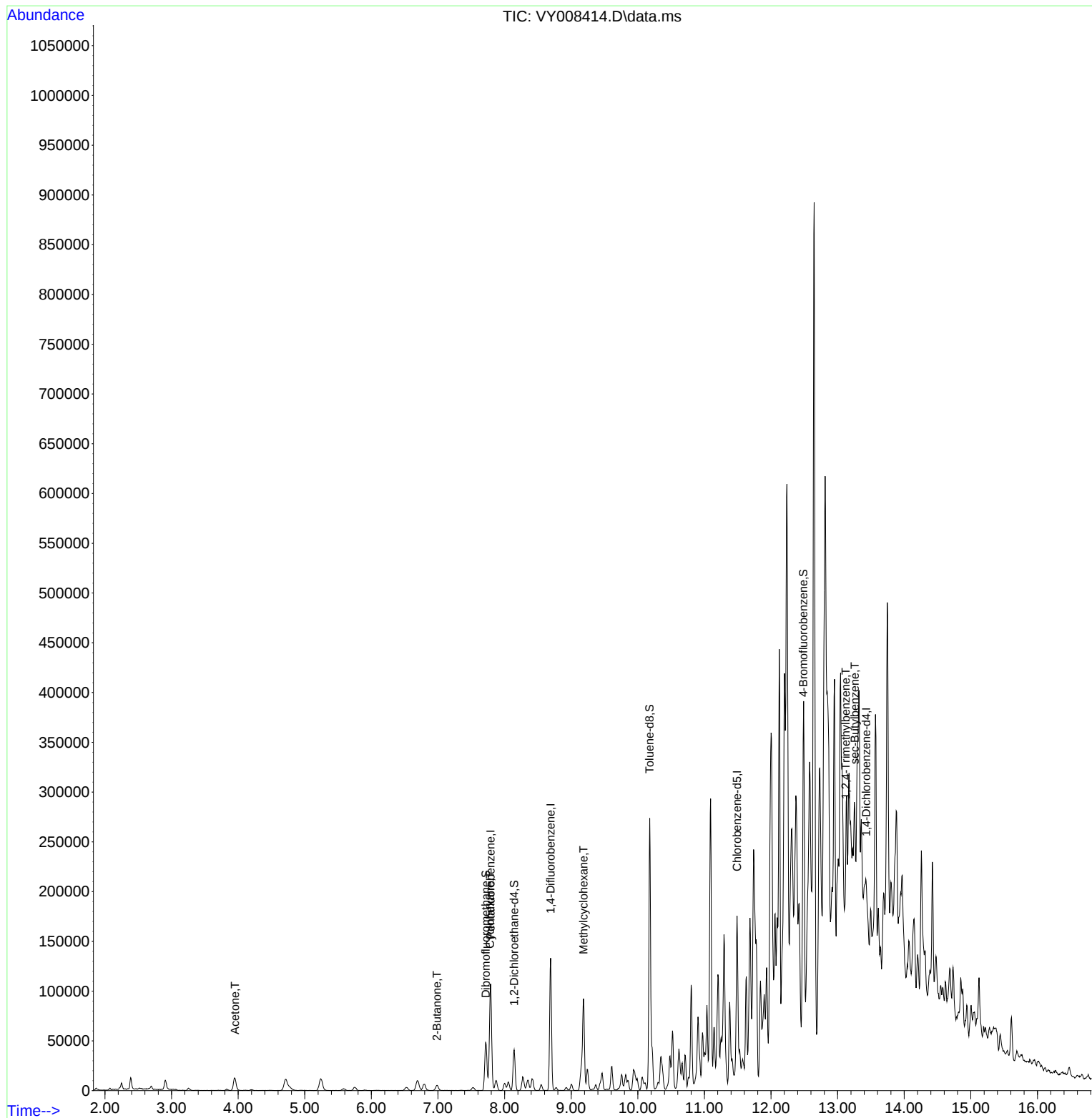
Internal Standards						
1) Pentafluorobenzene	7.789	168	69901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	79717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31846	48.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.716	113	35002	52.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.179	98	132852	57.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.760%
62) 4-Bromofluorobenzene	12.483	95	39999	46.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	19748	125.045	ug/l #	82
25) 2-Butanone	6.984	43	6528	26.435	ug/l #	90
31) Cyclohexane	7.783	56	10884	9.167	ug/l #	88
39) Methylcyclohexane	9.185	83	35677	25.885	ug/l	88
84) 1,2,4-Trimethylbenzene	13.123	105	5306	3.871	ug/l	98
85) sec-Butylbenzene	13.257	105	8715	4.731	ug/l #	52

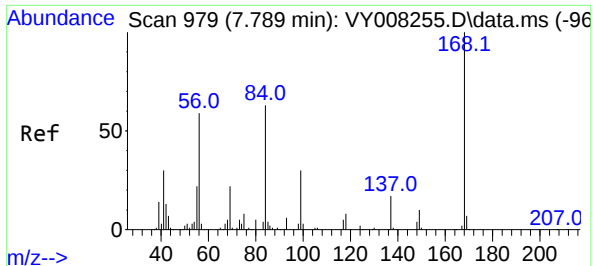
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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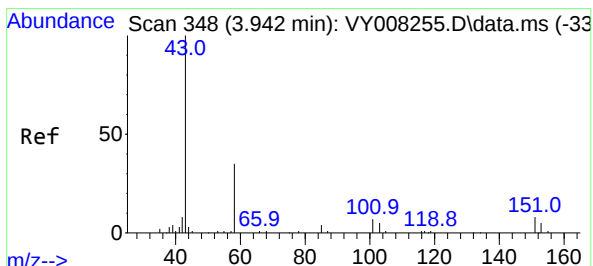
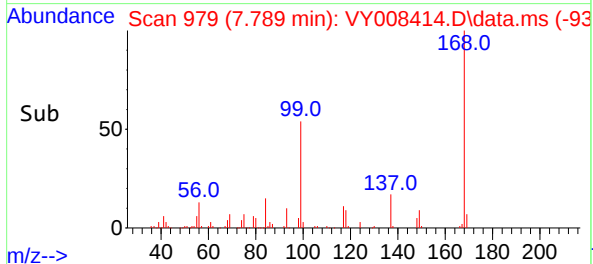
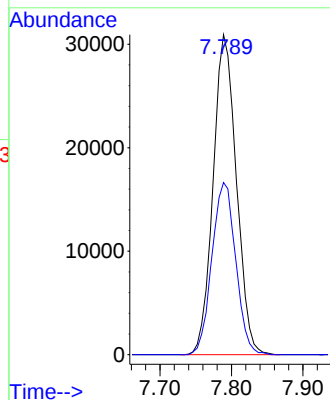
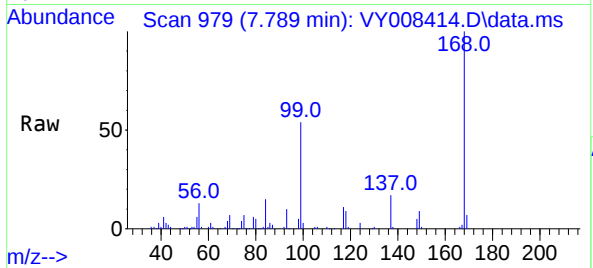




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

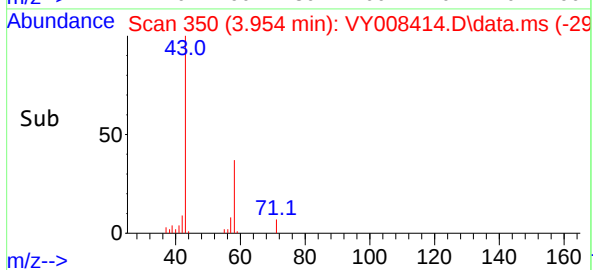
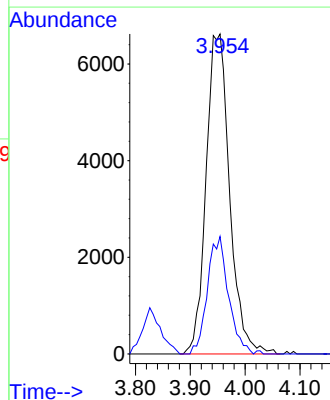
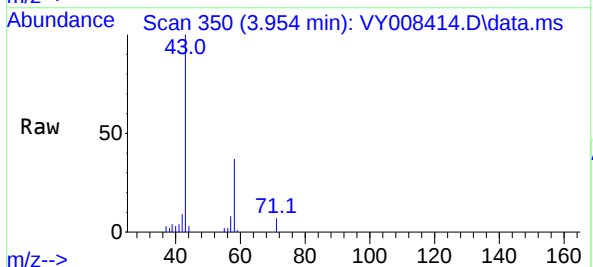
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GRRE

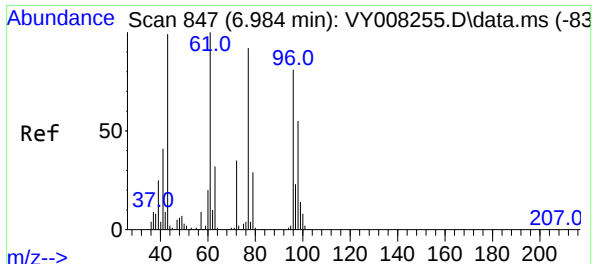
Tgt Ion:168 Resp: 69901
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#16
Acetone
Concen: 125.045 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion: 43 Resp: 19748
Ion Ratio Lower Upper
43 100
58 36.7 22.0 33.0#

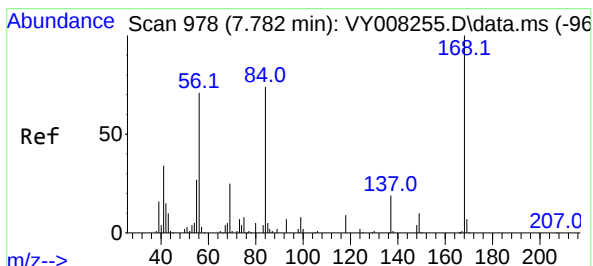
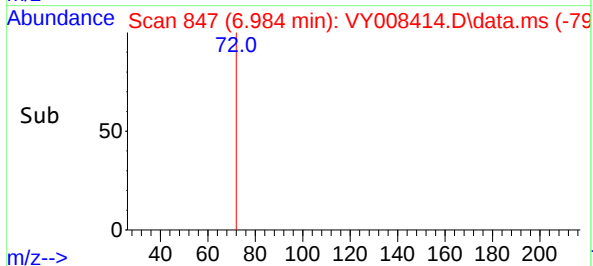
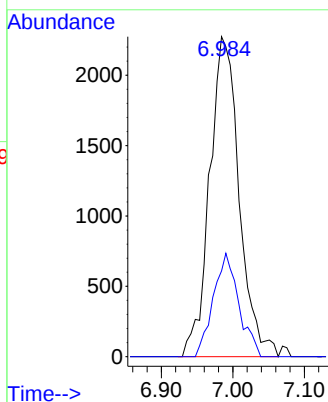
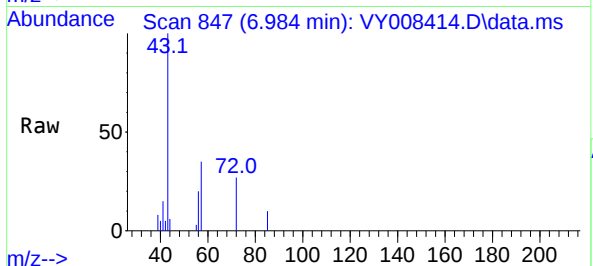




#25
2-Butanone
Concen: 26.435 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

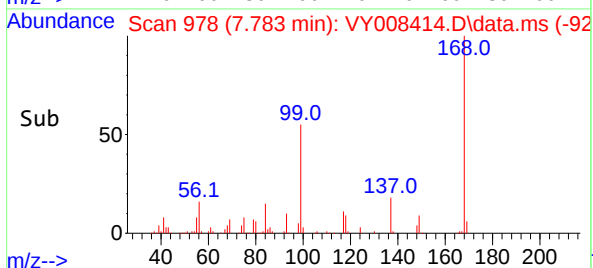
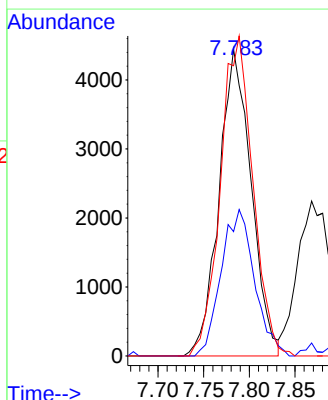
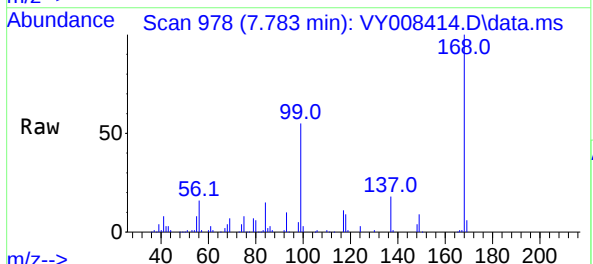
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GRRE

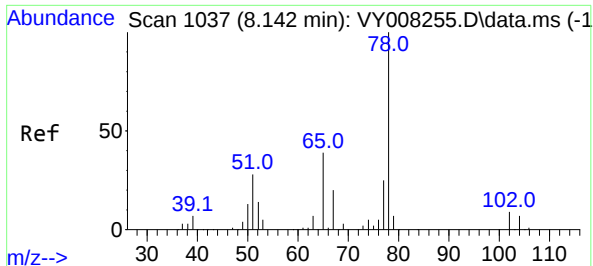
Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#



#31
Cyclohexane
Concen: 9.167 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion: 56 Resp: 10884
Ion Ratio Lower Upper
56 100
69 40.6 26.7 40.1#
84 94.6 67.2 100.8

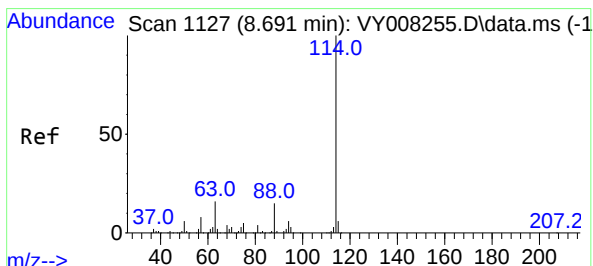
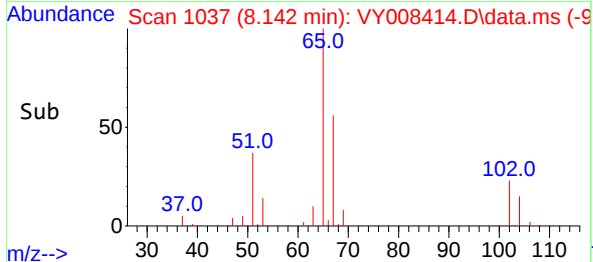
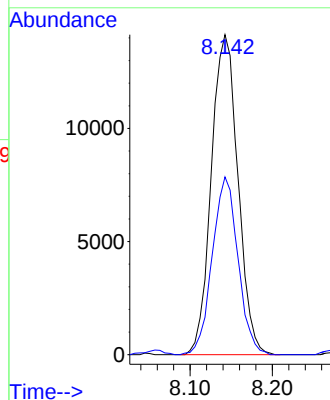
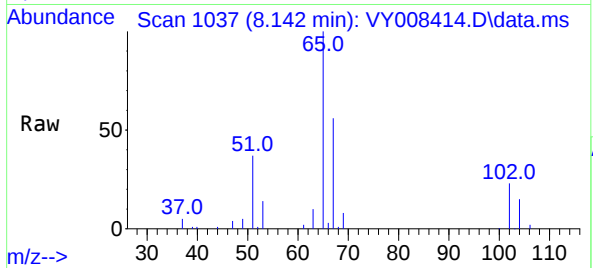




#33
1,2-Dichloroethane-d4
Concen: 48.502 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

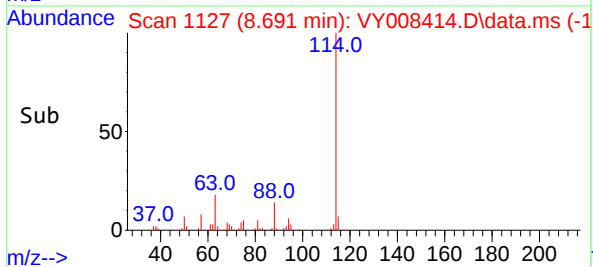
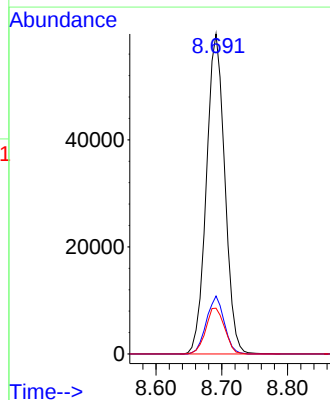
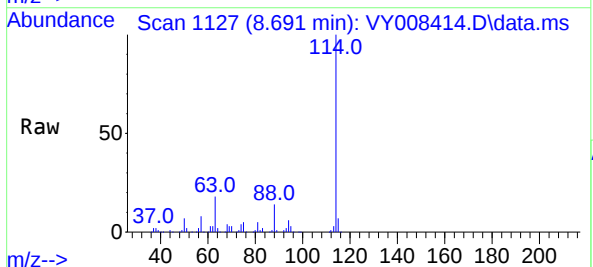
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GRRE

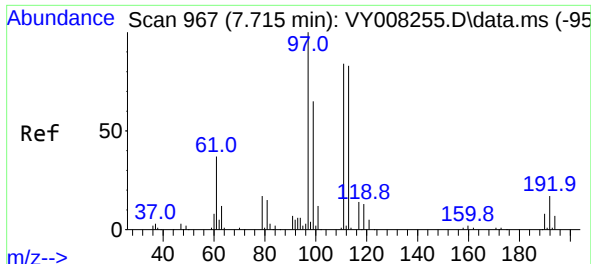
Tgt Ion: 65 Resp: 31846
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion: 114 Resp: 116146
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.3 0.0 31.8

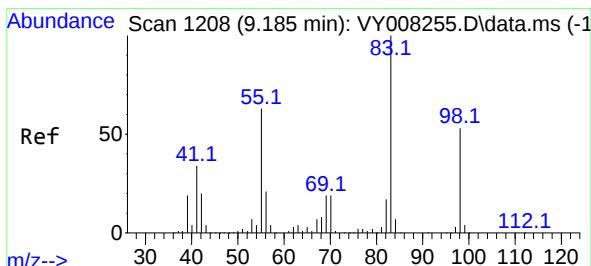
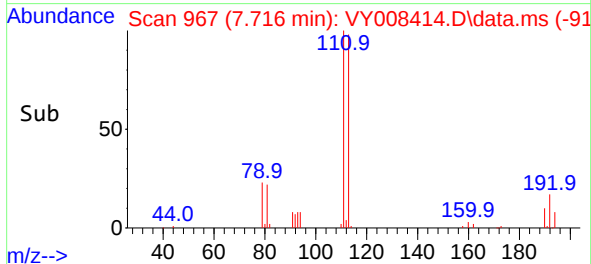
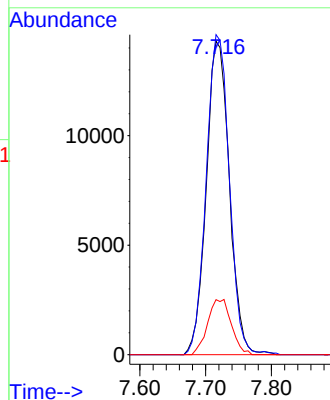
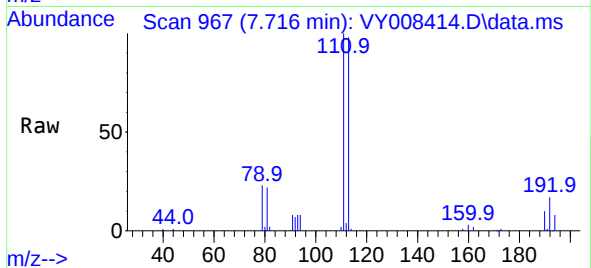




#35
Dibromofluoromethane
Concen: 52.176 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

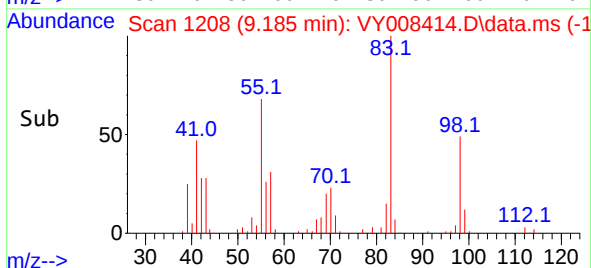
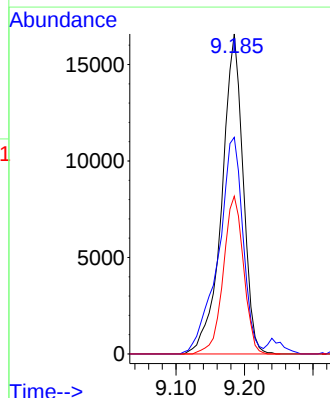
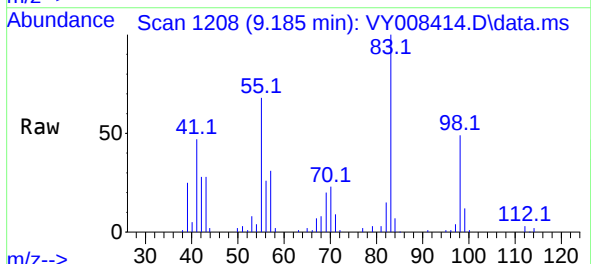
Instrument :
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ClientSampleId :
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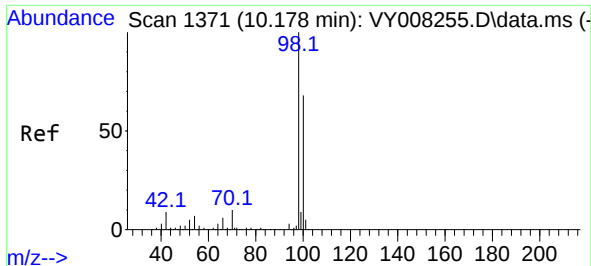
Tgt Ion:113 Resp: 35002
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.1 17.6 26.4



#39
Methylcyclohexane
Concen: 25.885 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion: 83 Resp: 35677
Ion Ratio Lower Upper
83 100
55 67.7 66.5 99.7
98 49.3 37.9 56.9

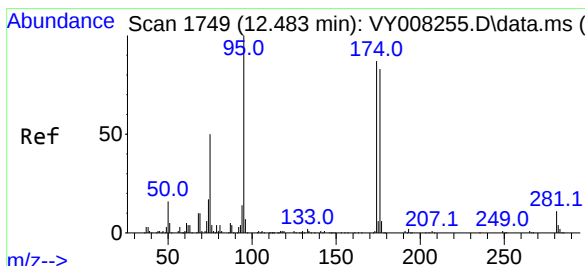
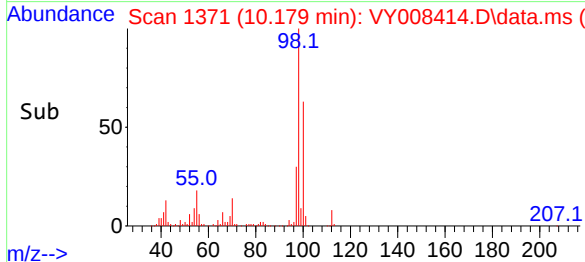
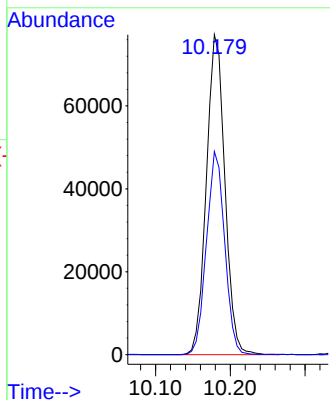
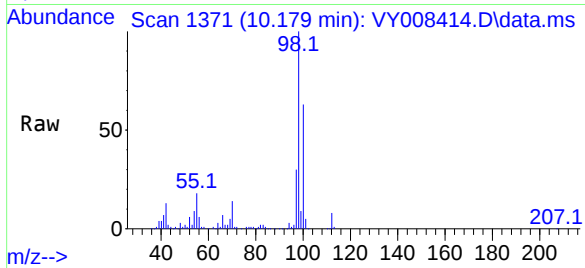




#50
Toluene-d8
Concen: 57.876 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

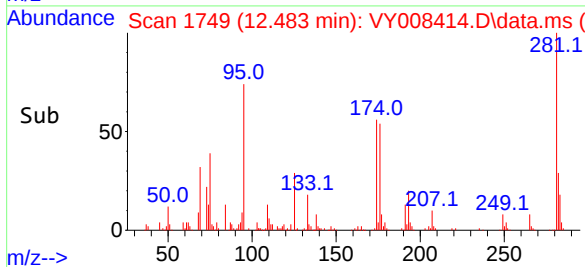
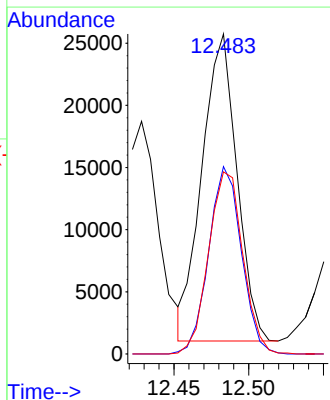
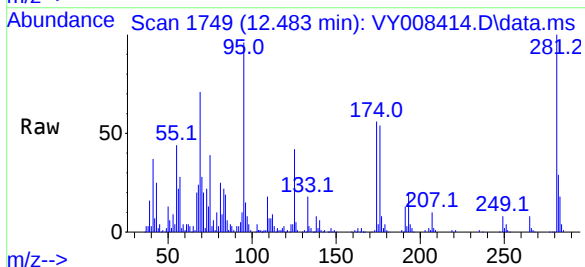
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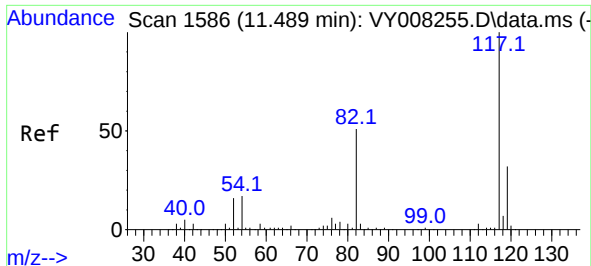
Tgt Ion: 98 Resp: 132852
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion: 95 Resp: 39999
Ion Ratio Lower Upper
95 100
174 57.2 0.0 177.0
176 58.4 0.0 175.8

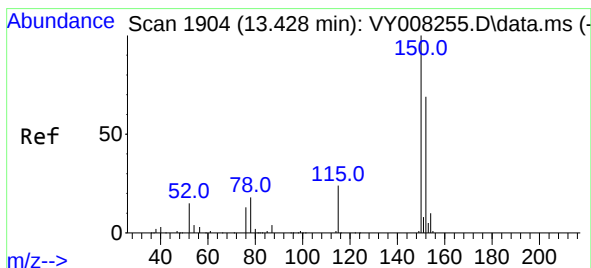
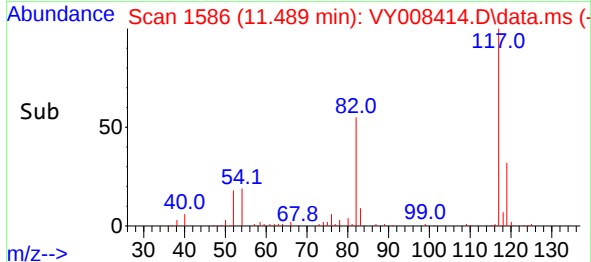
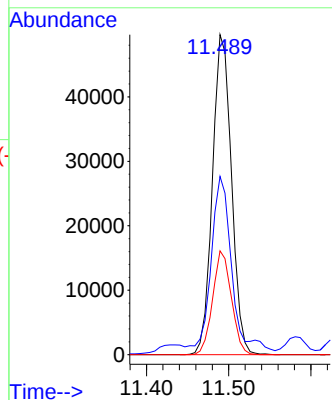
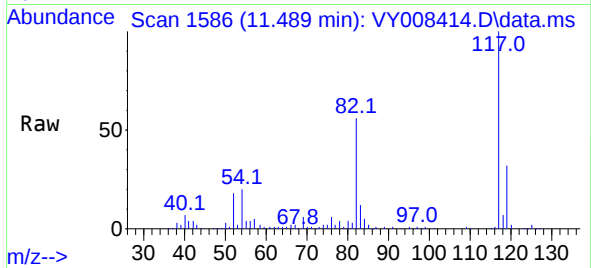




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

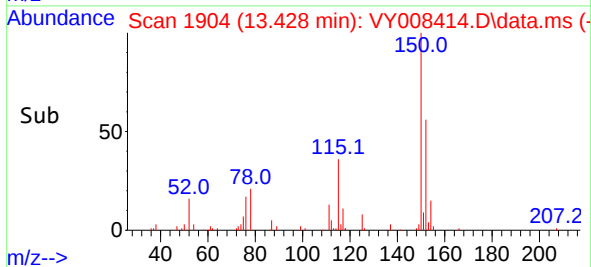
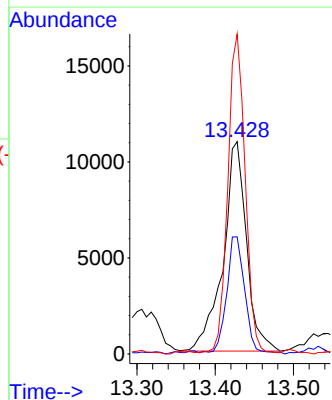
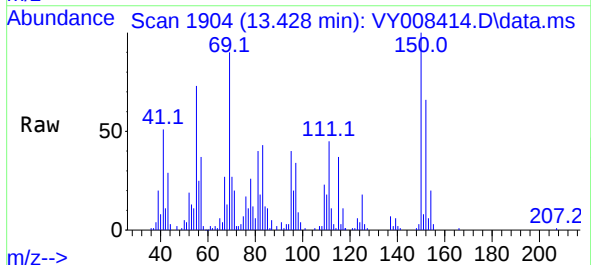
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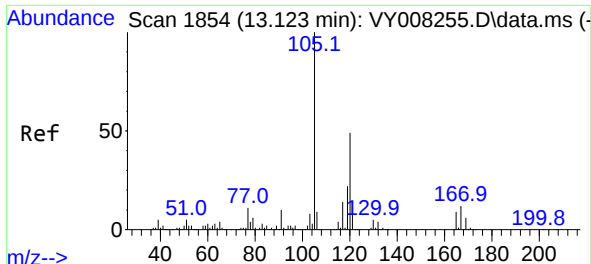
Tgt Ion:	117	Resp:	79717
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion:	152	Resp:	22717
Ion	Ratio	Lower	Upper
152	100		
115	43.3	28.2	84.7
150	112.1	0.0	347.6

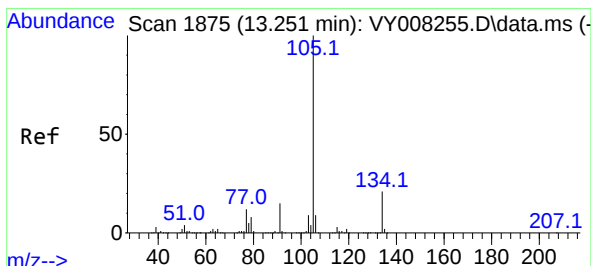
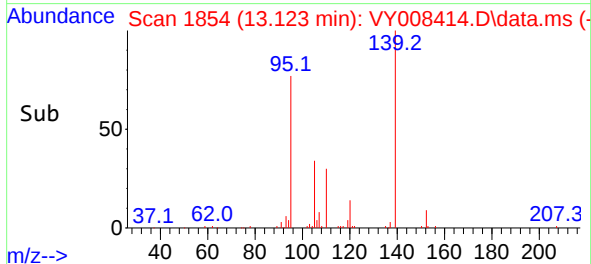
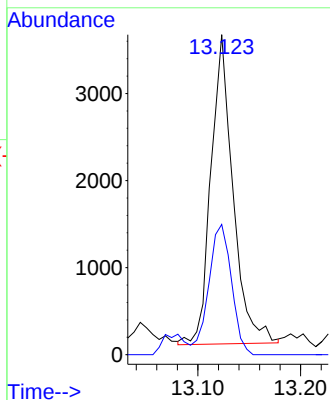
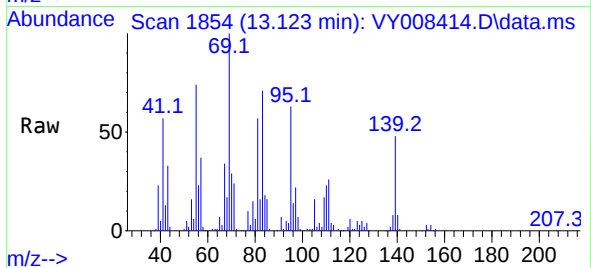




#84
1,2,4-Trimethylbenzene
Concen: 3.871 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GRRE

Tgt Ion:105 Resp: 5306
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 4.731 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY008414.D
Acq: 20 Apr 2022 13:34

Tgt Ion:105 Resp: 8715
Ion Ratio Lower Upper
105 100
134 42.5 10.2 30.4#

