

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007175.D
 Acq On : 14 Jan 2022 18:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 17 05:00:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

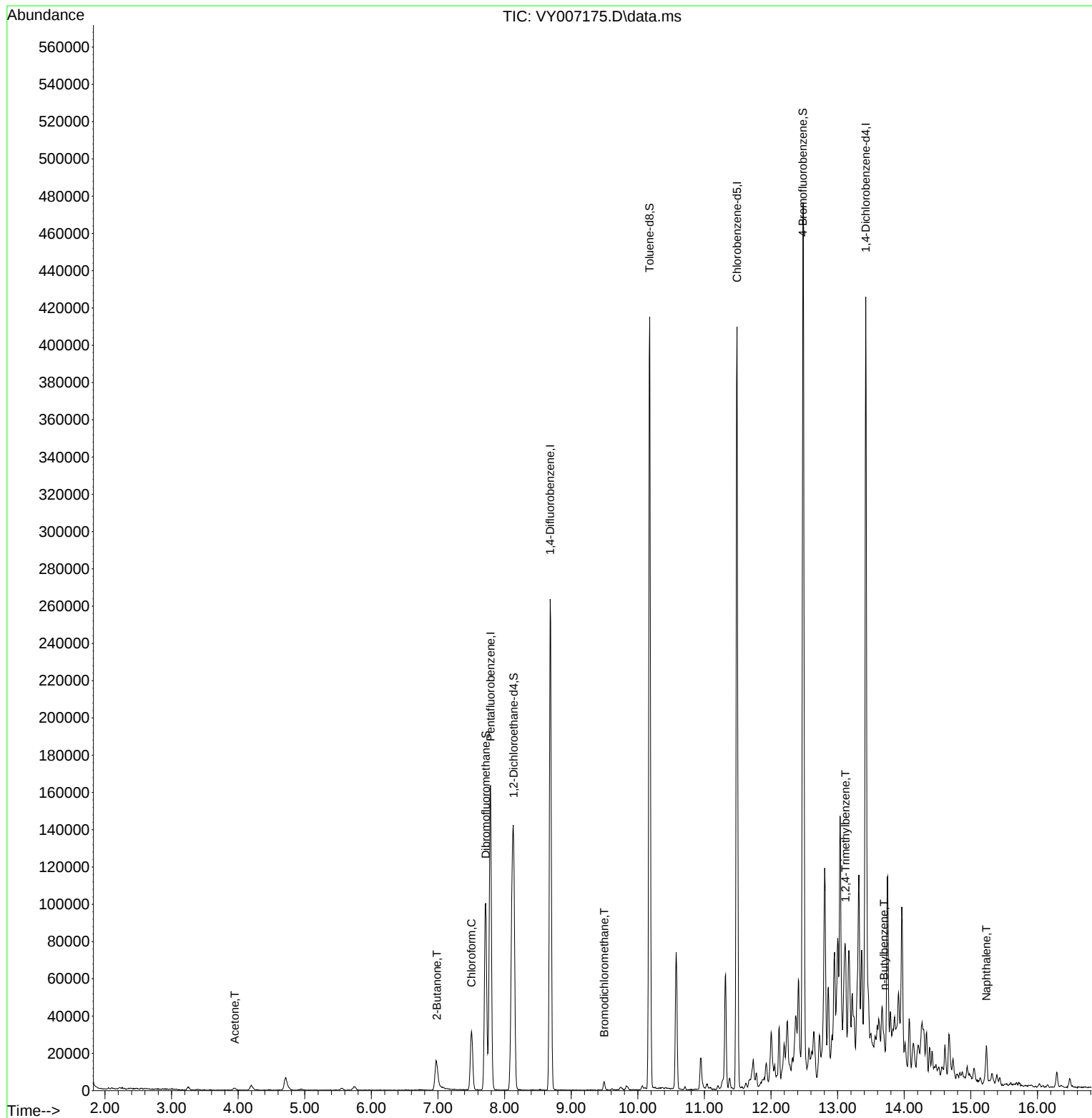
Internal Standards						
1) Pentafluorobenzene	7.789	168	122904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75909	50.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.716	113	72865	48.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.500%	
50) Toluene-d8	10.179	98	270415	49.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.477	95	102663	52.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2174	5.555	ug/l	96
25) 2-Butanone	6.984	43	1243	2.456	ug/l #	74
30) Chloroform	7.502	83	31611	11.071	ug/l	94
47) Bromodichloromethane	9.496	83	3048	1.295	ug/l #	95
84) 1,2,4-Trimethylbenzene	13.117	105	23290	3.506	ug/l	99
89) n-Butylbenzene	13.696	91	7296	1.041	ug/l #	75
95) Naphthalene	15.233	128	15752	3.943	ug/l	99

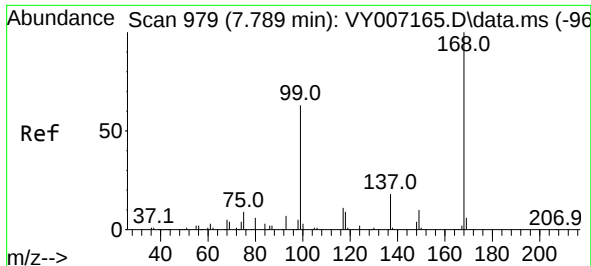
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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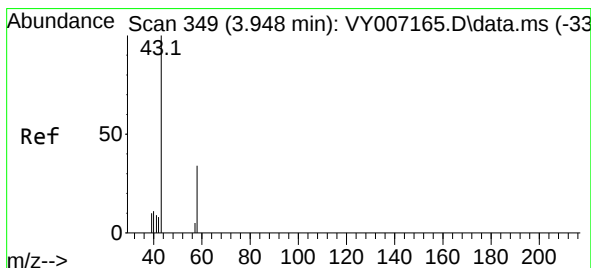
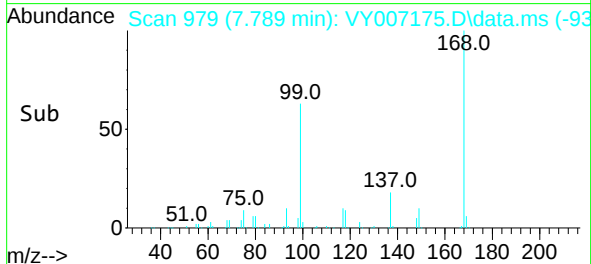
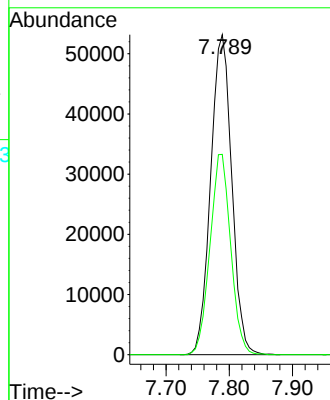
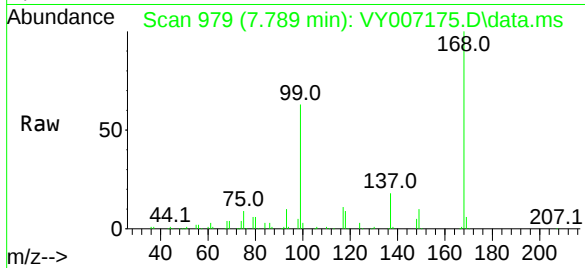




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

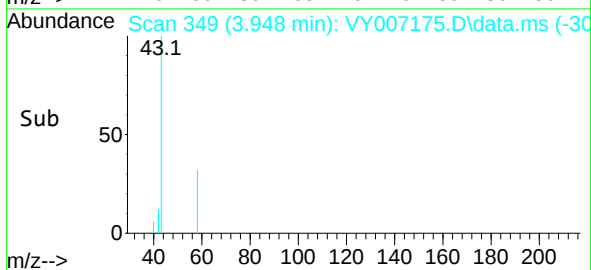
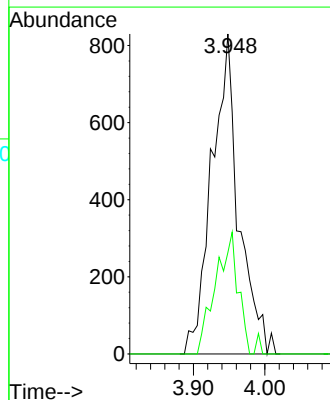
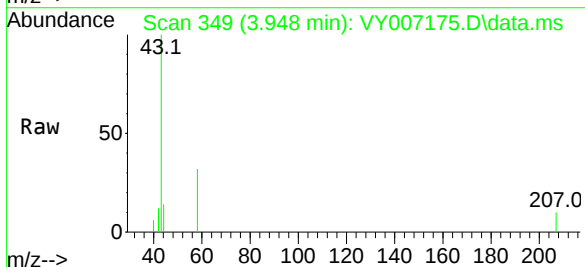
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

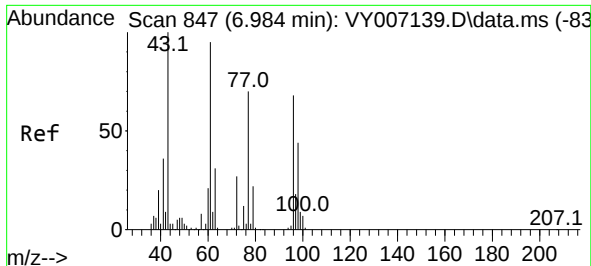
Tgt Ion:168 Resp: 122904
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#16
Acetone
Concen: 5.555 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.6

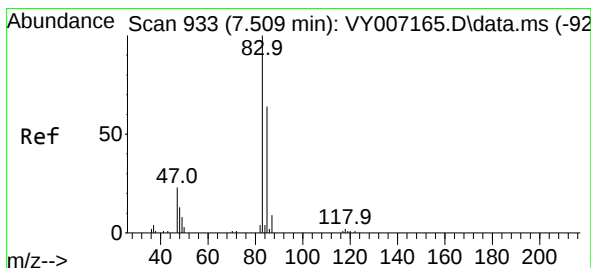
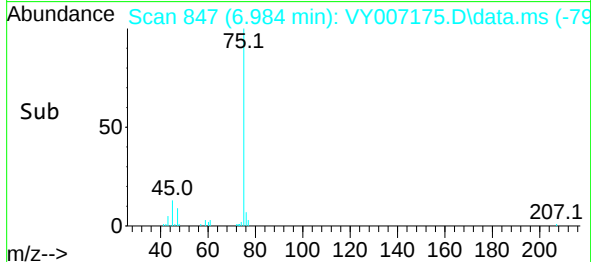
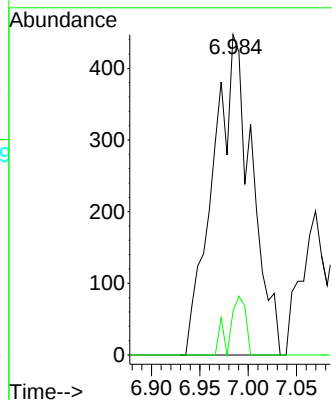
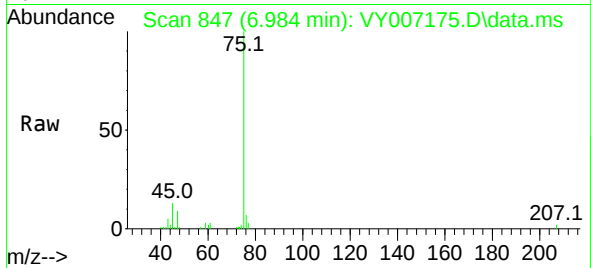




#25
2-Butanone
Concen: 2.456 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

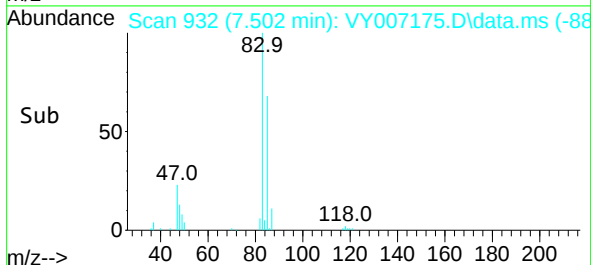
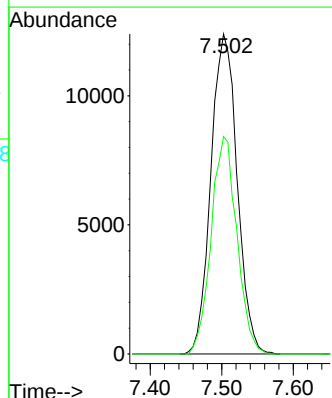
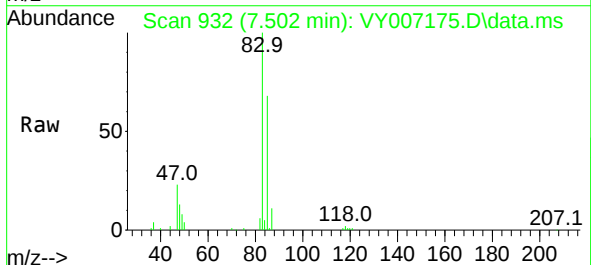
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

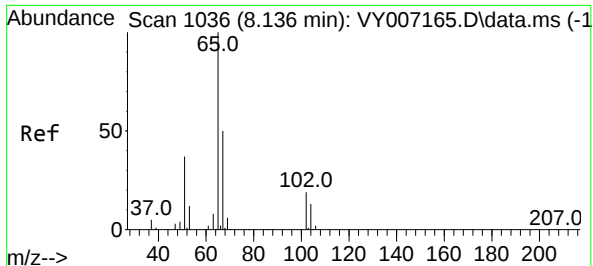
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
72 13.6 21.9 32.9#



#30
Chloroform
Concen: 11.071 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

Tgt Ion: 83 Resp: 31611
Ion Ratio Lower Upper
83 100
85 68.0 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 50.336 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007175.D

Acq: 14 Jan 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

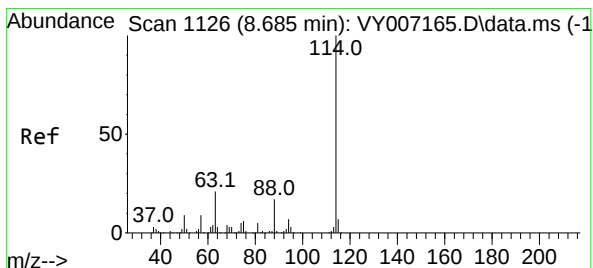
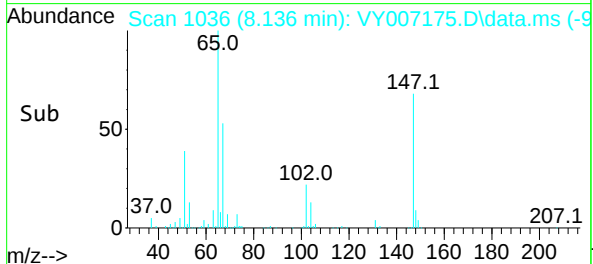
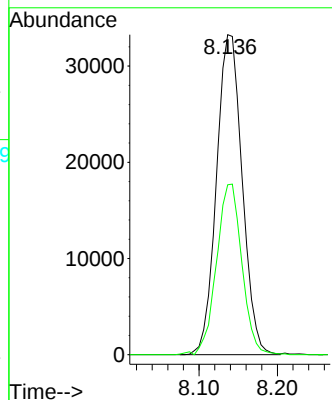
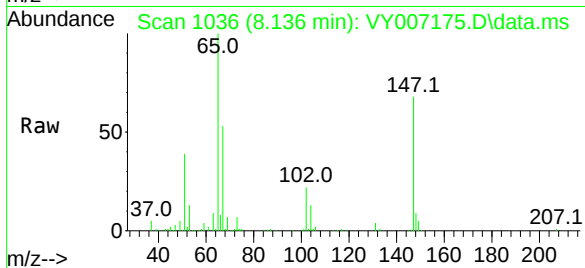
VIBLK

Tgt Ion: 65 Resp: 75909

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007175.D

Acq: 14 Jan 2022 18:40

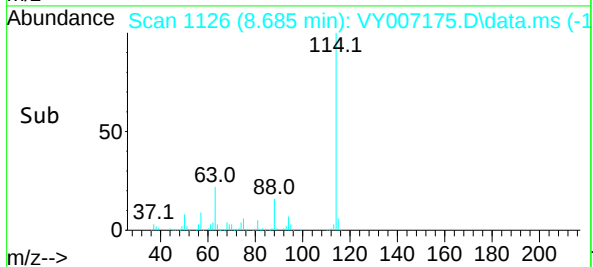
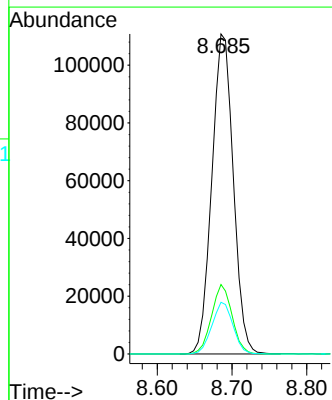
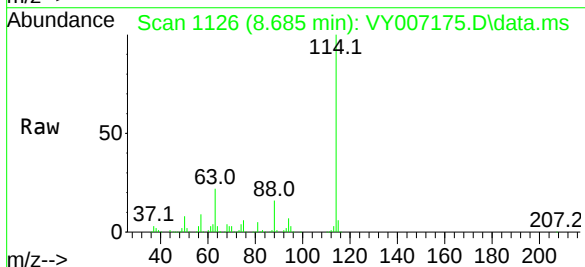
Tgt Ion: 114 Resp: 221043

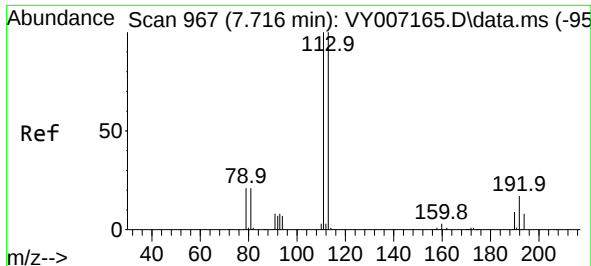
Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.2

88 16.1 0.0 31.0

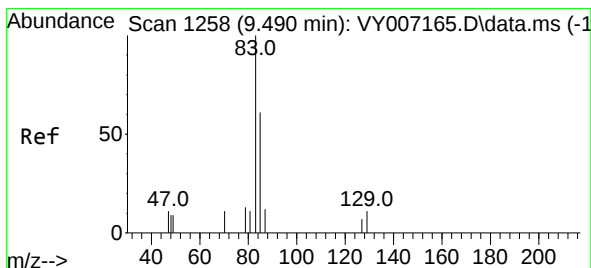
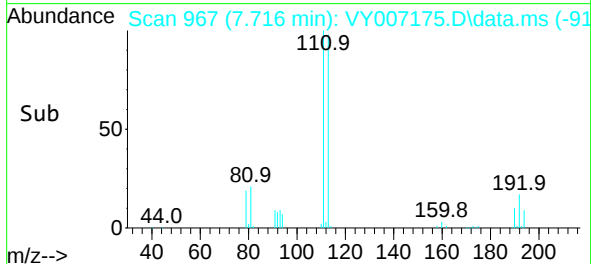
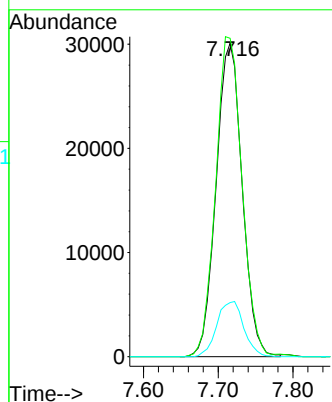
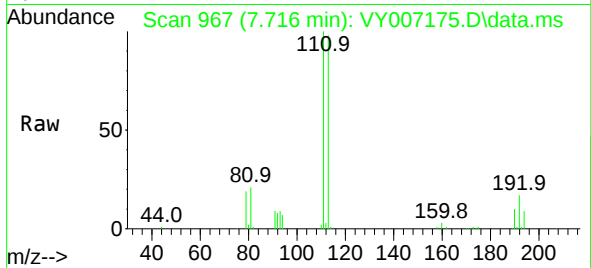




#35
Dibromofluoromethane
Concen: 48.750 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

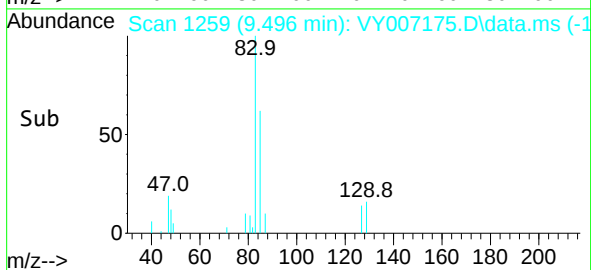
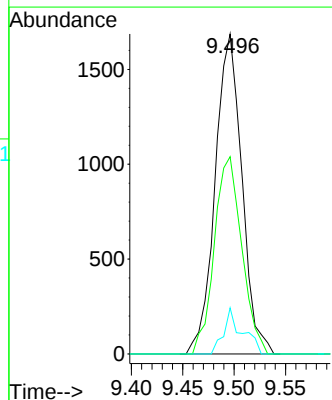
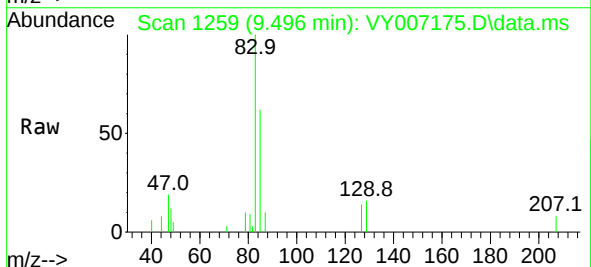
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

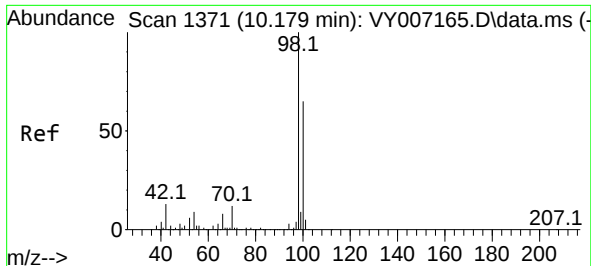
Tgt Ion:113 Resp: 72865
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.2 14.2 21.4



#47
Bromodichloromethane
Concen: 1.295 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

Tgt Ion: 83 Resp: 3048
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2
127 14.4 6.5 9.7#

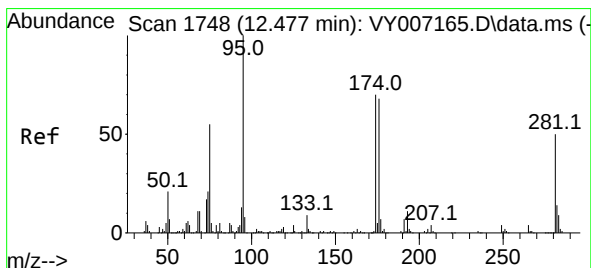
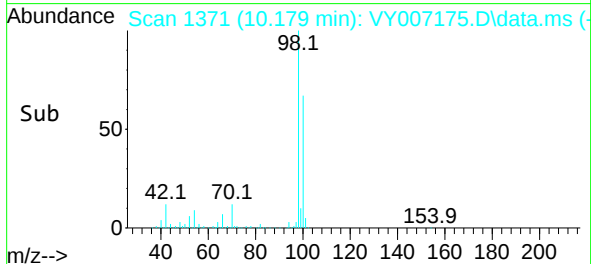
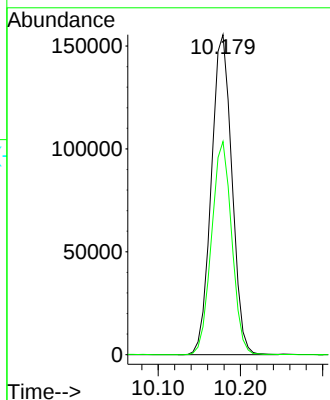
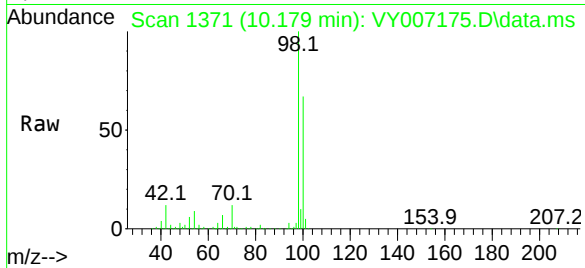




#50
Toluene-d8
Concen: 49.514 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

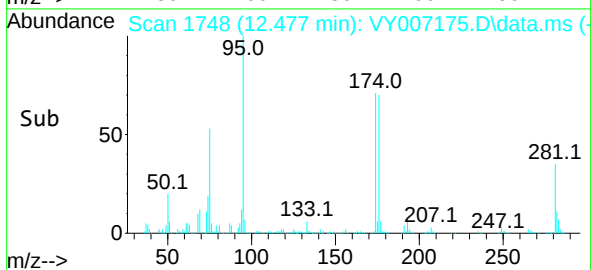
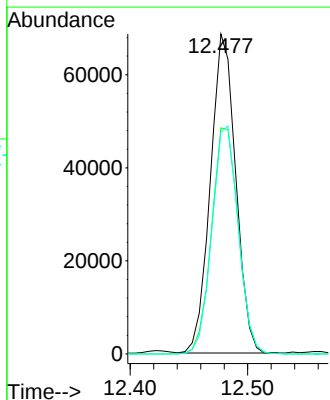
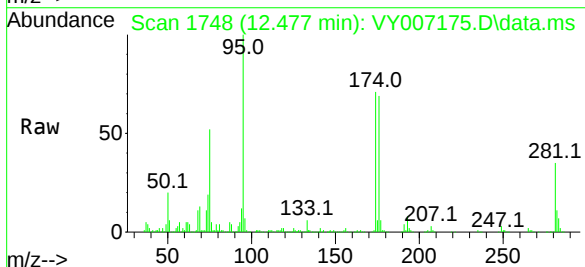
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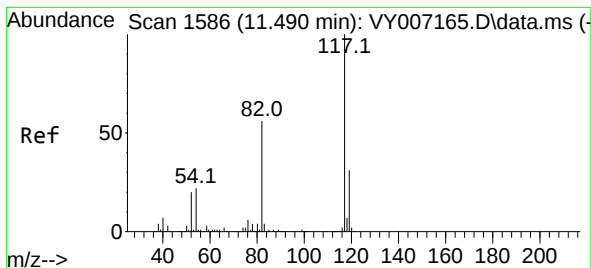
Tgt Ion: 98 Resp: 270415
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.845 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

Tgt Ion: 95 Resp: 102663
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.4
176 74.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007175.D

Acq: 14 Jan 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

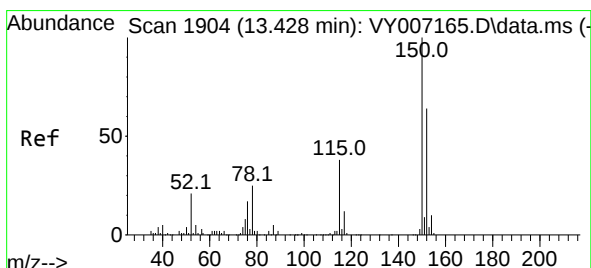
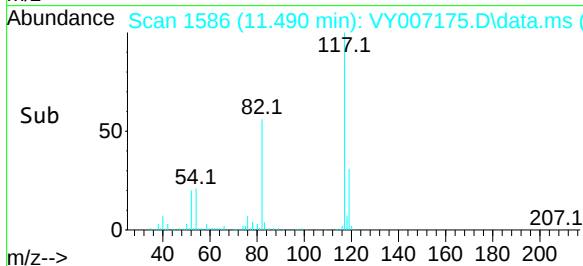
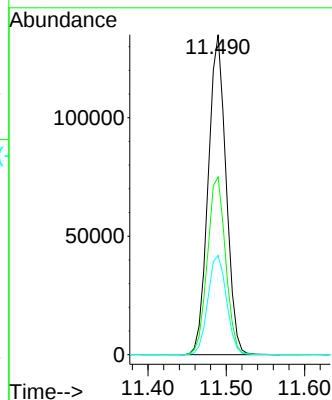
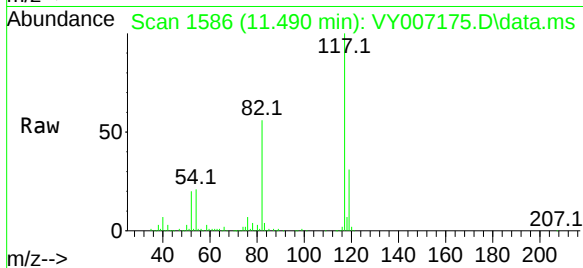
Tgt Ion:117 Resp: 213509

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

119 31.0 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007175.D

Acq: 14 Jan 2022 18:40

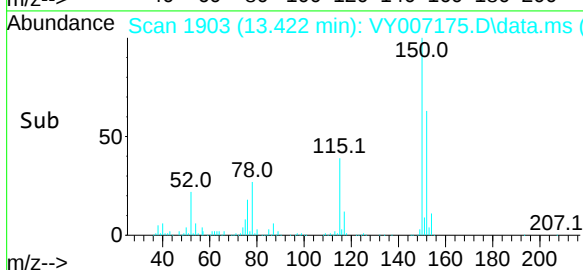
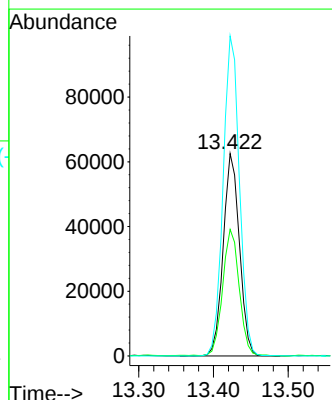
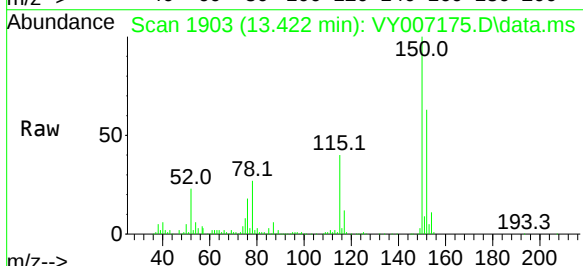
Tgt Ion:152 Resp: 94505

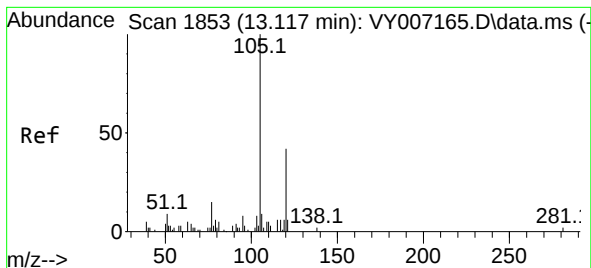
Ion Ratio Lower Upper

152 100

115 64.6 31.4 94.0

150 158.9 0.0 348.4

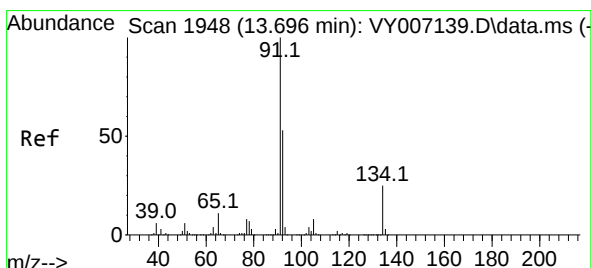
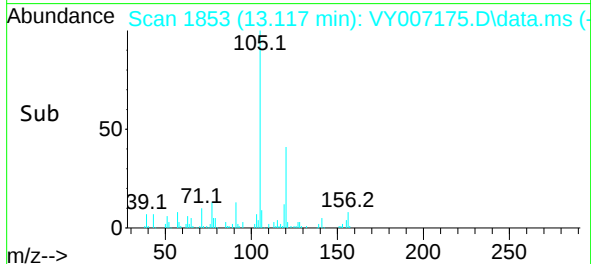
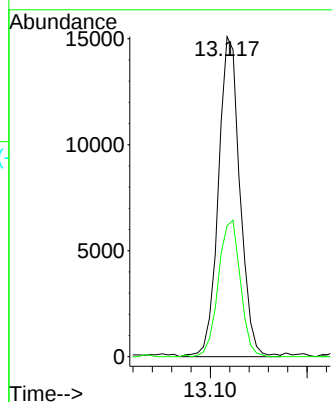
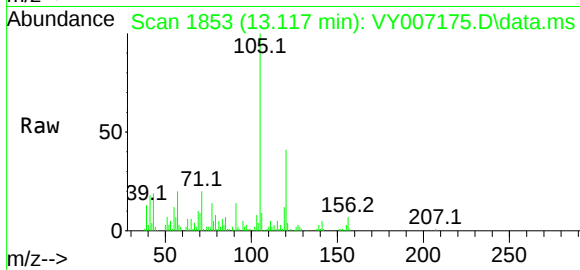




#84
1,2,4-Trimethylbenzene
Concen: 3.506 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

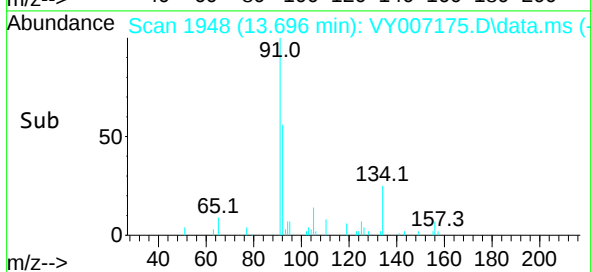
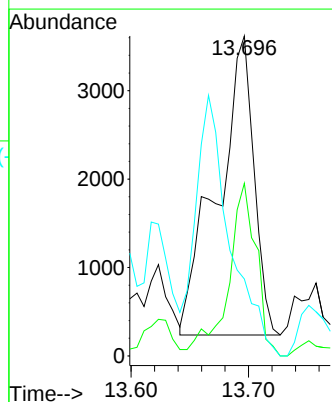
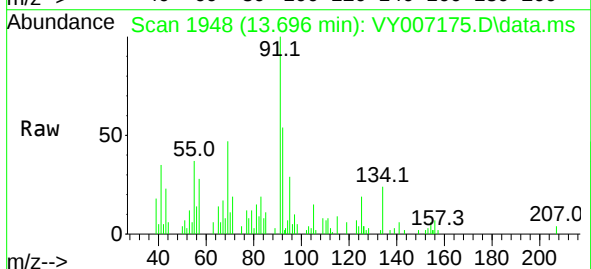
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

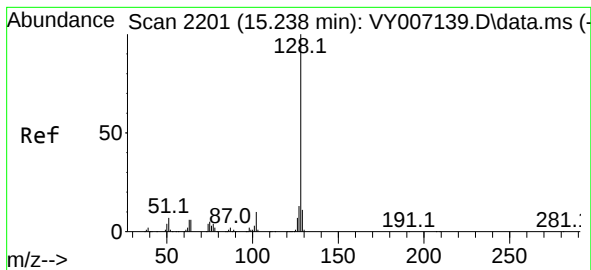
Tgt Ion:105 Resp: 23290
Ion Ratio Lower Upper
105 100
120 43.7 21.6 64.6



#89
n-Butylbenzene
Concen: 1.041 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007175.D
Acq: 14 Jan 2022 18:40

Tgt Ion: 91 Resp: 7296
Ion Ratio Lower Upper
91 100
92 43.9 26.9 80.6
134 0.0 12.6 37.6#





#95

Naphthalene

Concen: 3.943 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007175.D

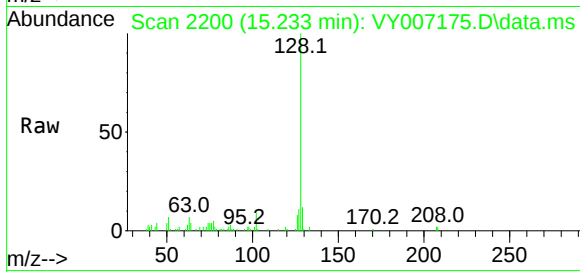
Acq: 14 Jan 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 15752

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.0 8.9 13.3

