

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009275.D
 Acq On : 22 Jun 2022 15:35
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 23 01:56:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

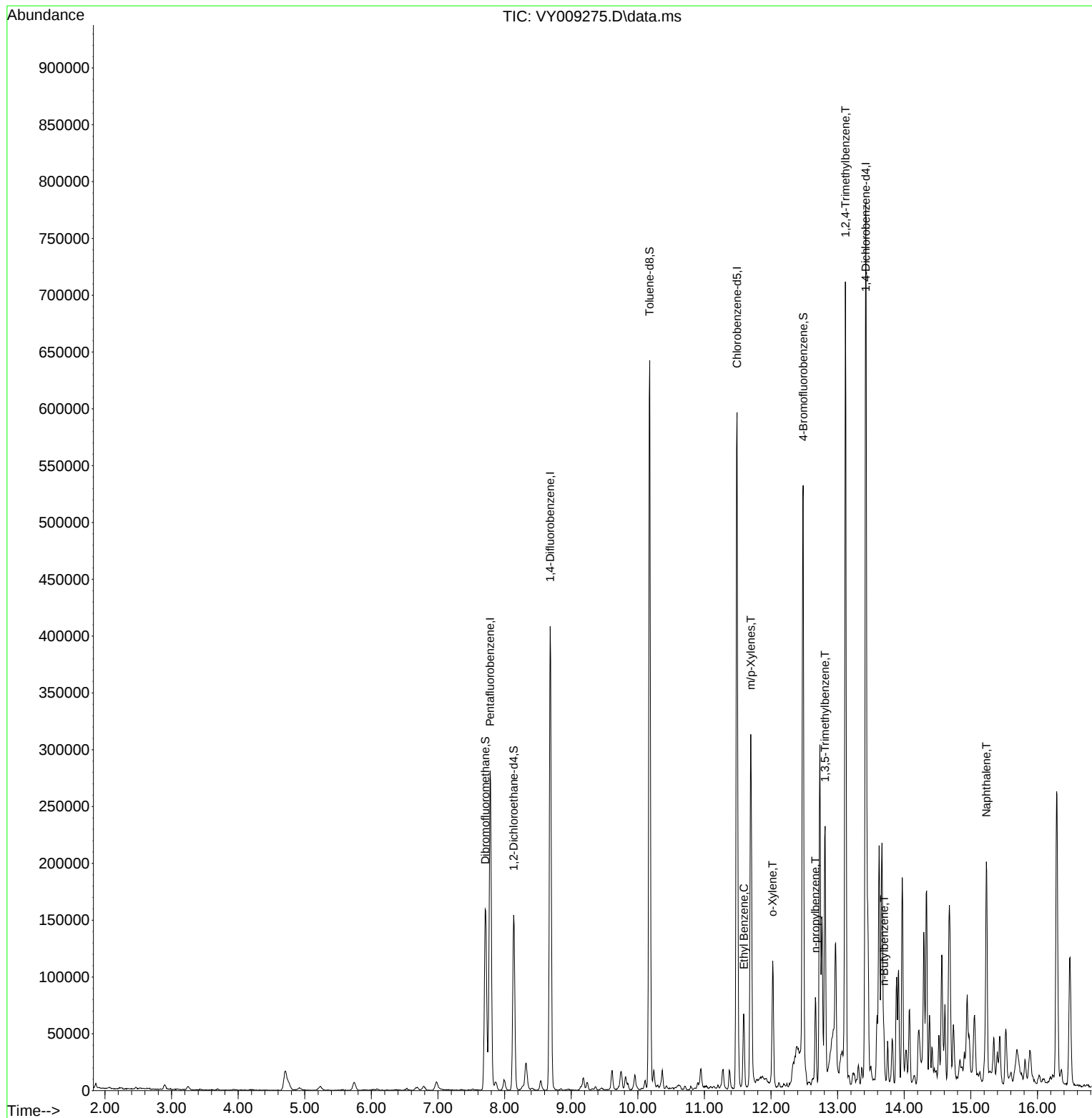
Internal Standards						
1) Pentafluorobenzene	7.783	168	232237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119908	47.012	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.020%		
35) Dibromofluoromethane	7.710	113	111021	48.059	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.120%		
50) Toluene-d8	10.179	98	417497	47.046	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.100%		
62) 4-Bromofluorobenzene	12.483	95	155072	49.730	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.593	91	43959	3.408	ug/l	94
68) m/p-Xylenes	11.697	106	94108	18.596	ug/l	91
69) o-Xylene	12.026	106	29183	6.064	ug/l	91
78) n-propylbenzene	12.666	91	55045	2.885	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	98748	7.512	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	354896	27.549	ug/l	96
89) n-Butylbenzene	13.696	91	17967	1.353	ug/l #	72
95) Naphthalene	15.233	128	153505	18.724	ug/l	98

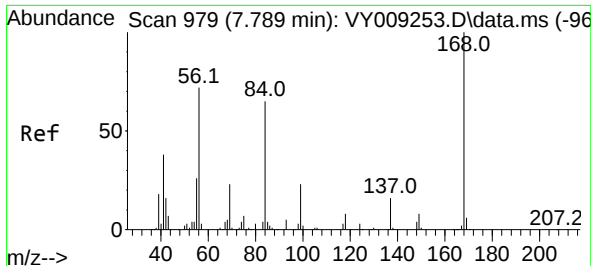
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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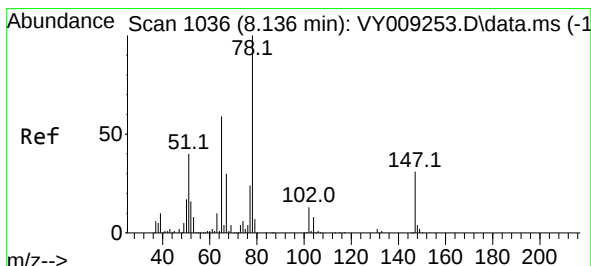
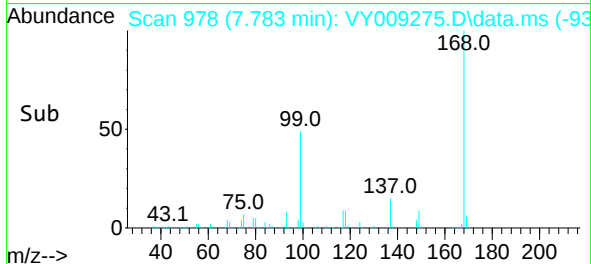
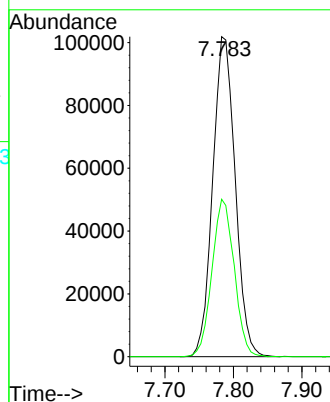
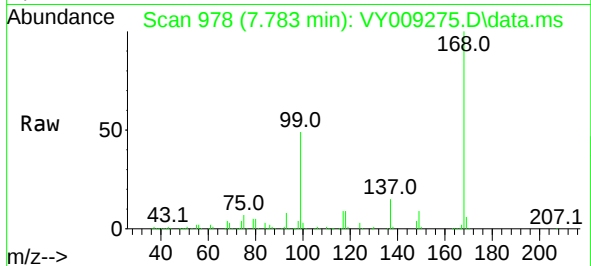




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

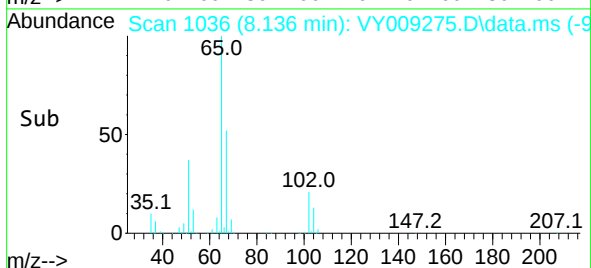
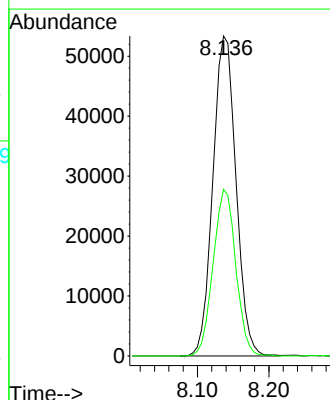
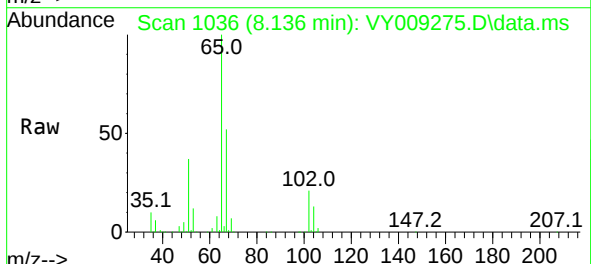
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

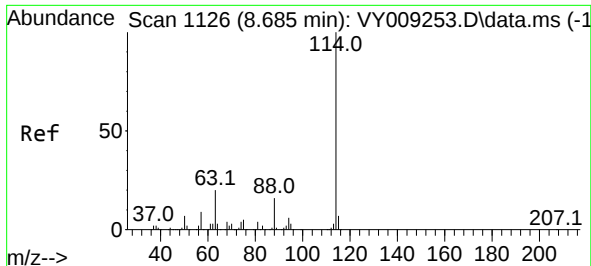
Tgt Ion:168 Resp: 232237
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.012 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion: 65 Resp: 119908
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009275.D

Acq: 22 Jun 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

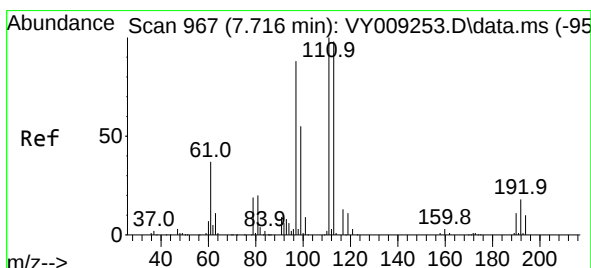
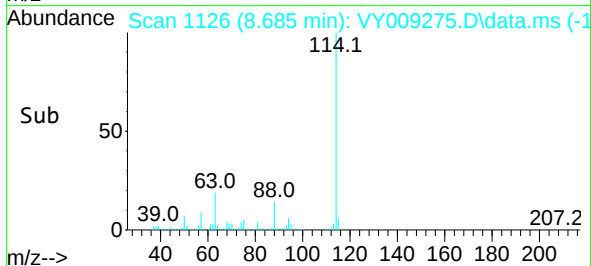
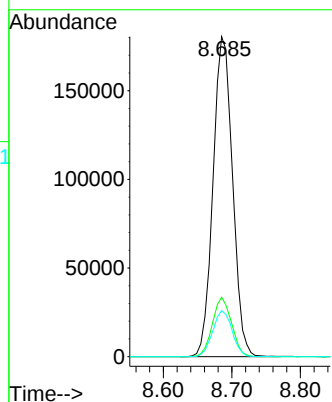
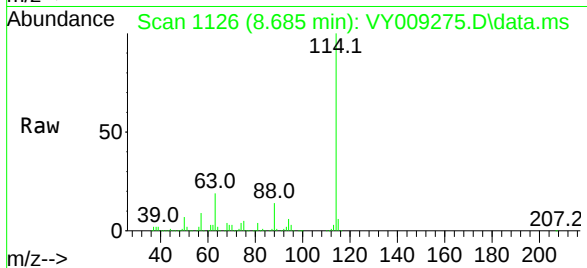
Tgt Ion:114 Resp: 356704

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.059 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009275.D

Acq: 22 Jun 2022 15:35

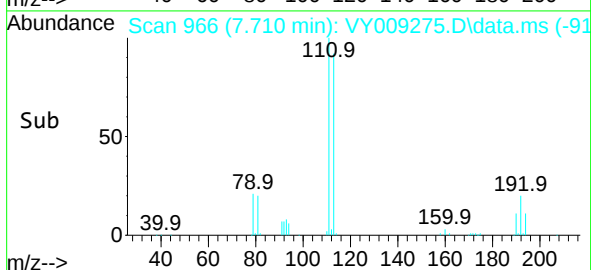
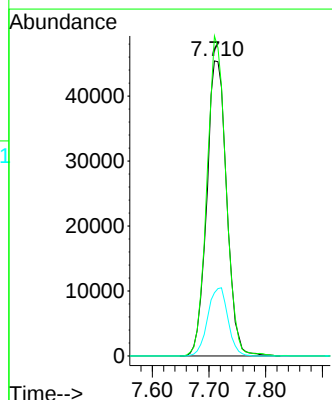
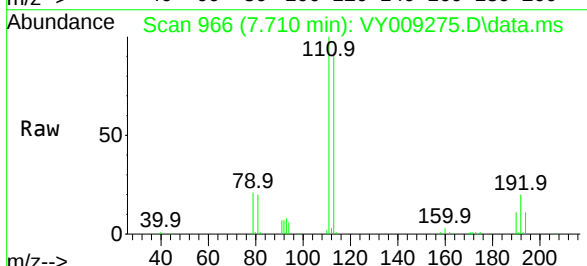
Tgt Ion:113 Resp: 111021

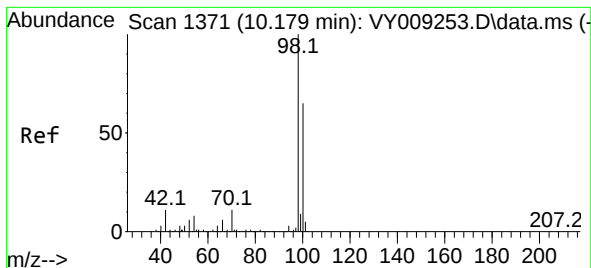
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 23.3 17.6 26.4

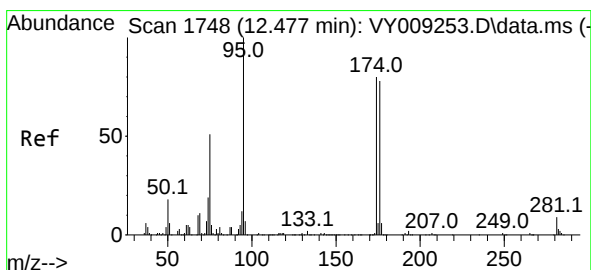
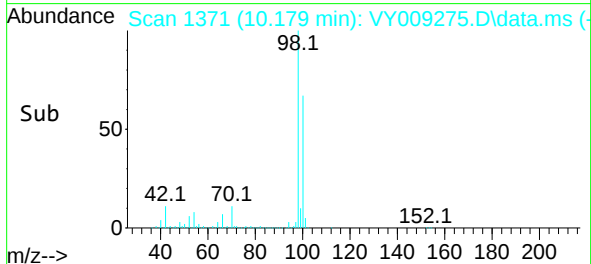
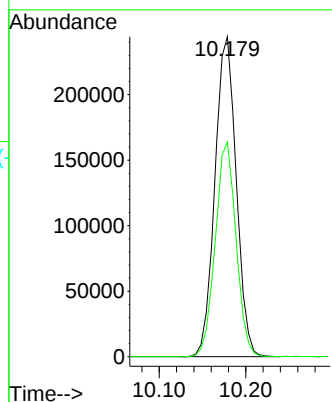
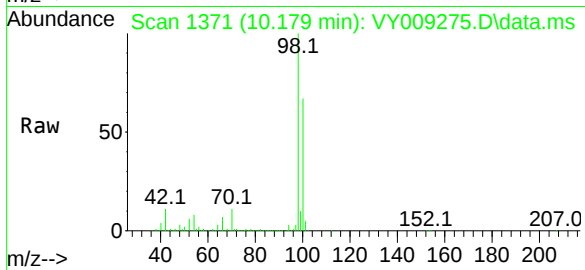




#50
Toluene-d8
Concen: 47.046 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

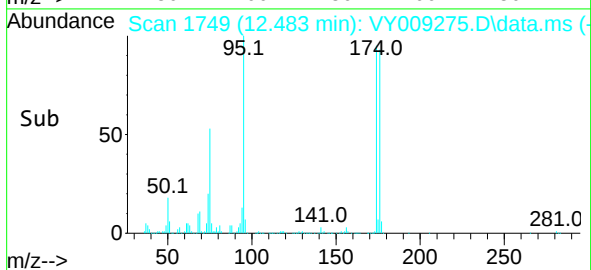
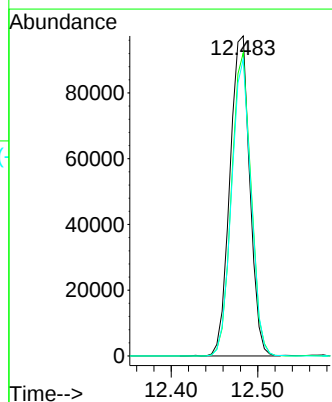
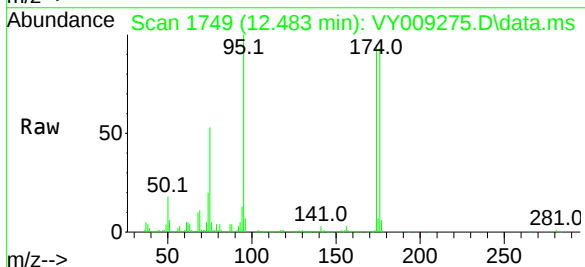
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

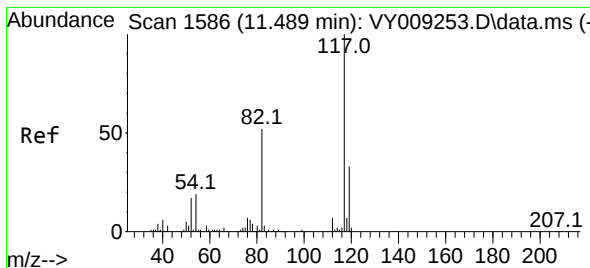
Tgt Ion: 98 Resp: 417497
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion: 95 Resp: 155072
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 90.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY009275.D

Acq: 22 Jun 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

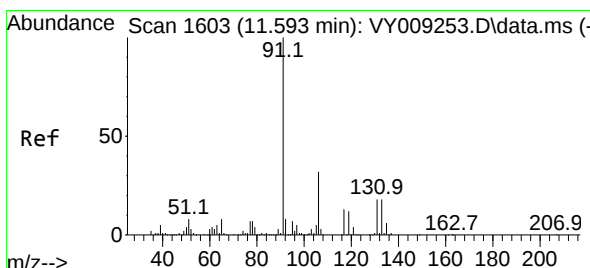
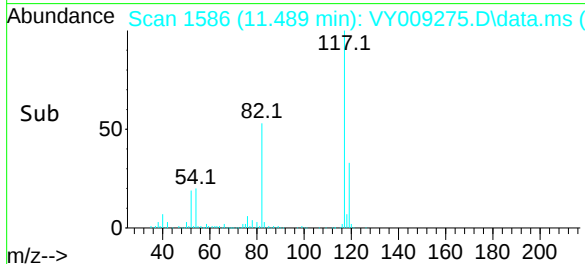
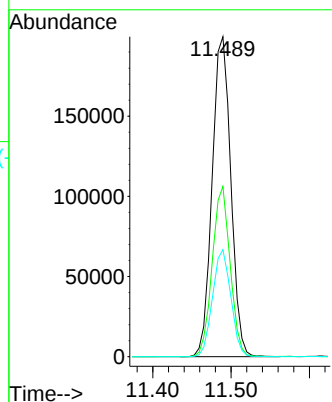
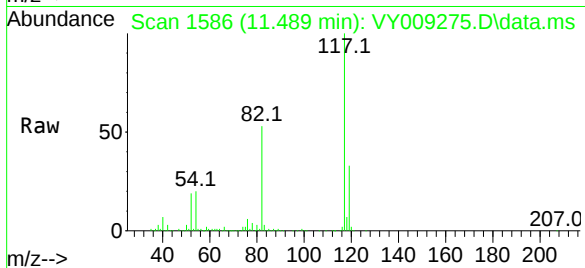
Tgt Ion:117 Resp: 330336

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.4

119 33.5 25.4 38.0



#67

Ethyl Benzene

Concen: 3.408 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY009275.D

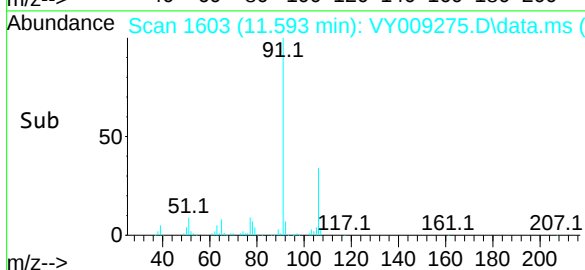
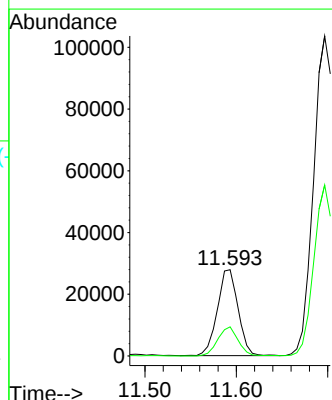
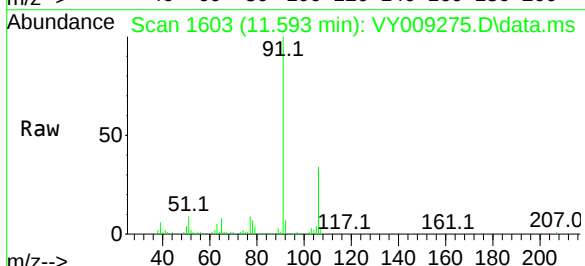
Acq: 22 Jun 2022 15:35

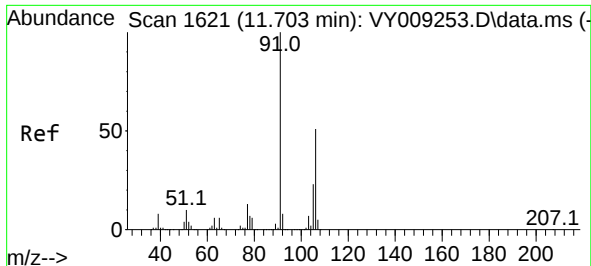
Tgt Ion: 91 Resp: 43959

Ion Ratio Lower Upper

91 100

106 33.9 24.5 36.7

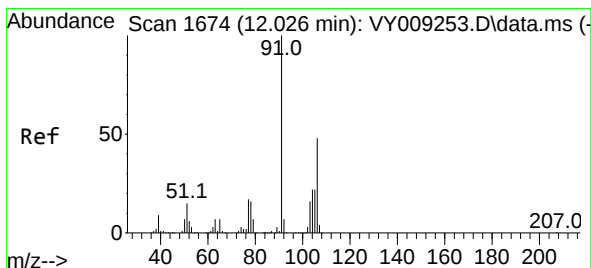
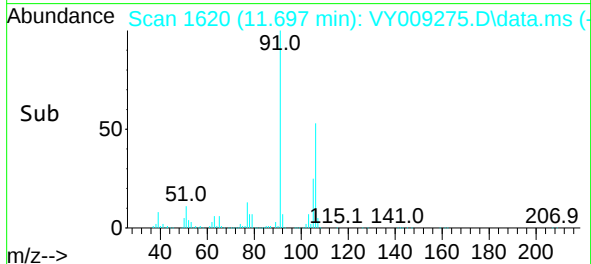
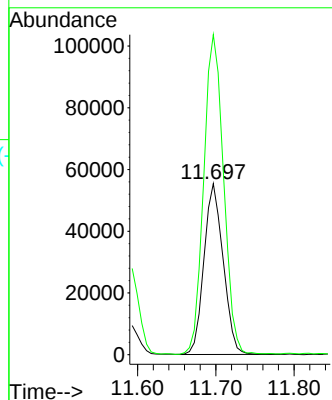
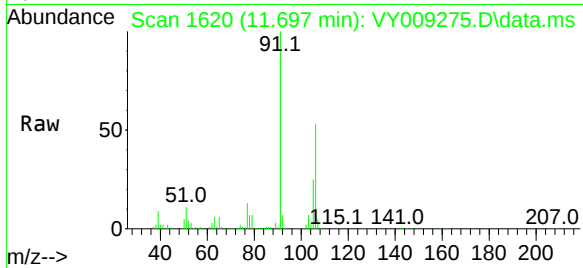




#68
m/p-Xylenes
Concen: 18.596 ug/l
RT: 11.697 min Scan# 11697
Delta R.T. -0.006 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

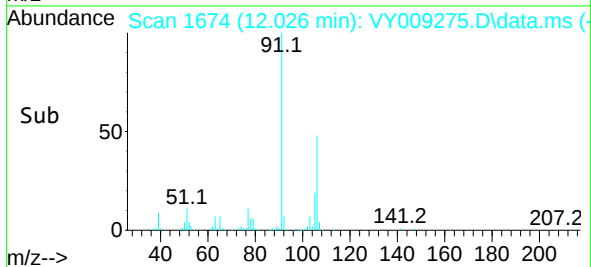
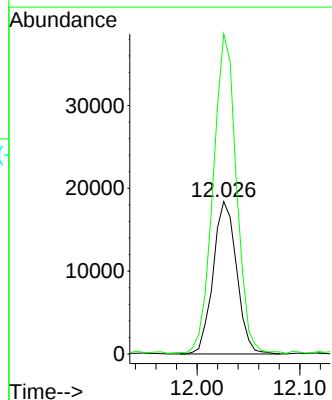
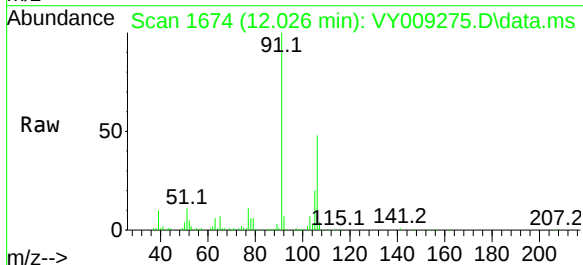
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

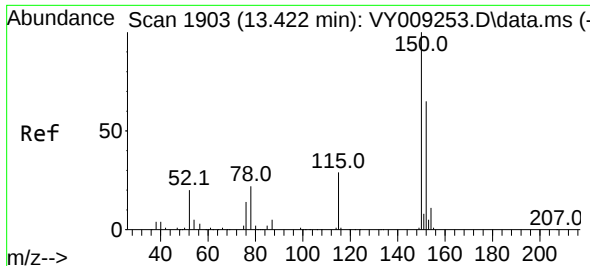
Tgt Ion:106 Resp: 94108
Ion Ratio Lower Upper
106 100
91 193.6 166.6 249.8



#69
o-Xylene
Concen: 6.064 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion:106 Resp: 29183
Ion Ratio Lower Upper
106 100
91 206.9 110.3 331.0

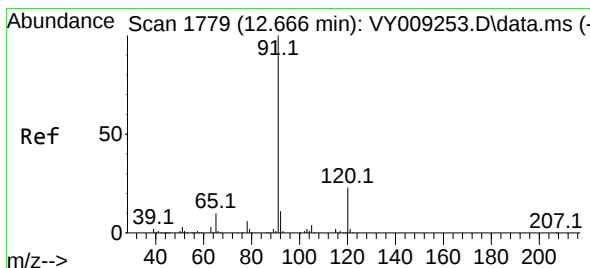
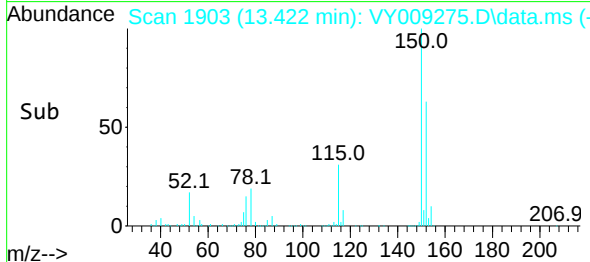
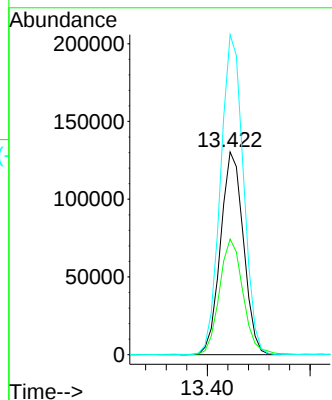
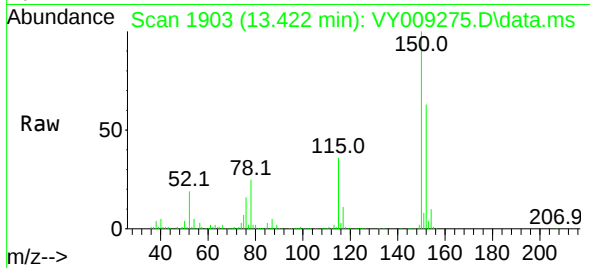




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

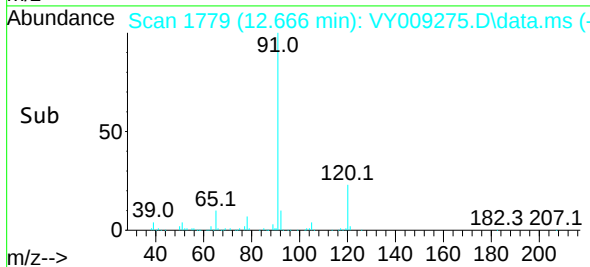
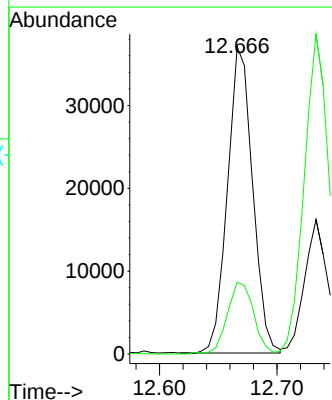
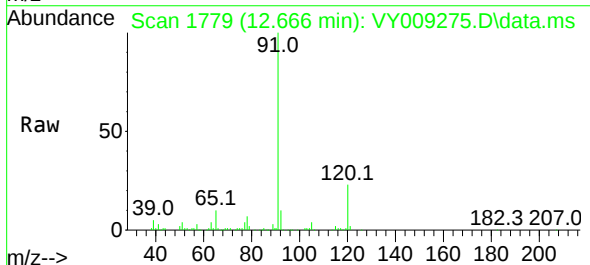
Instrument :
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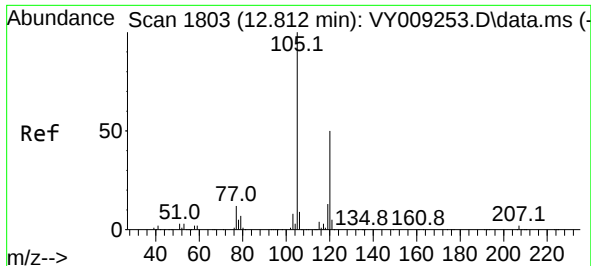
Tgt Ion:152 Resp: 201843
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.4 0.0 347.6



#78
n-propylbenzene
Concen: 2.885 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion: 91 Resp: 55045
Ion Ratio Lower Upper
91 100
120 24.5 11.3 33.9

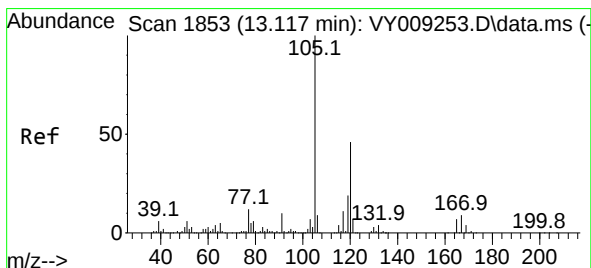
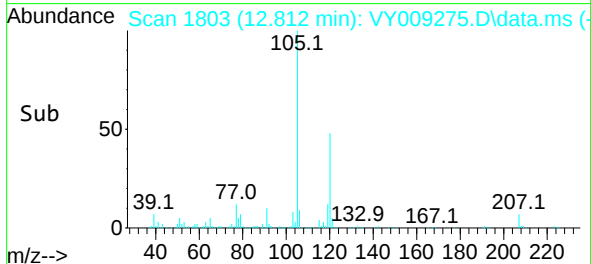
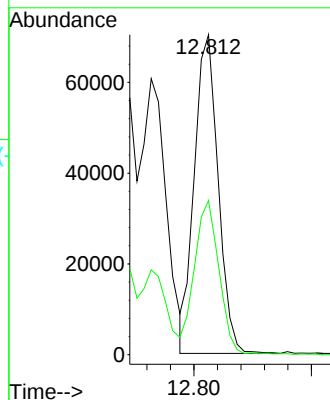
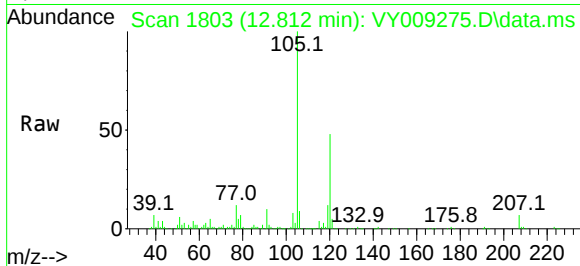




#80
1,3,5-Trimethylbenzene
Concen: 7.512 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

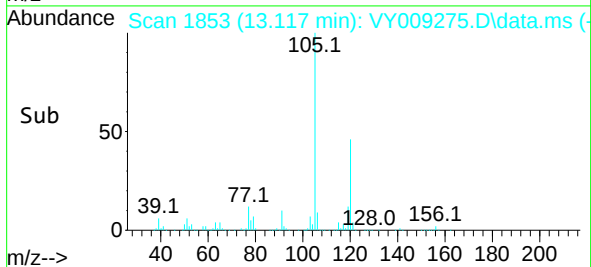
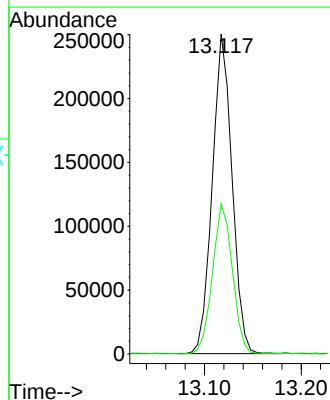
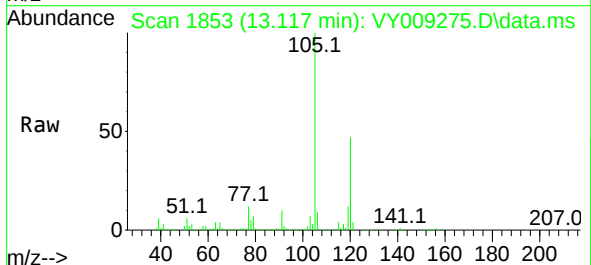
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

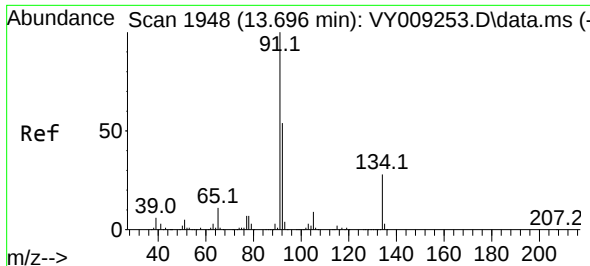
Tgt Ion:105 Resp: 98748
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 27.549 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion:105 Resp: 354896
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9

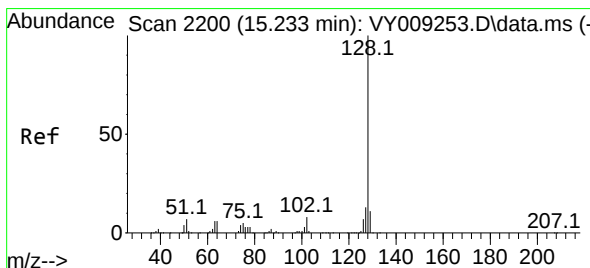
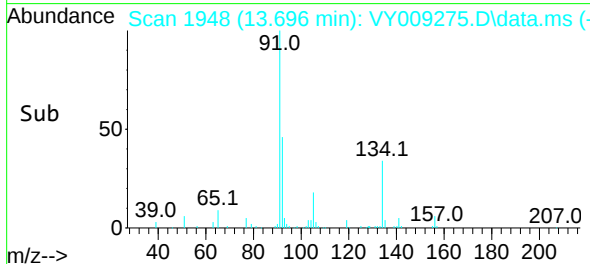
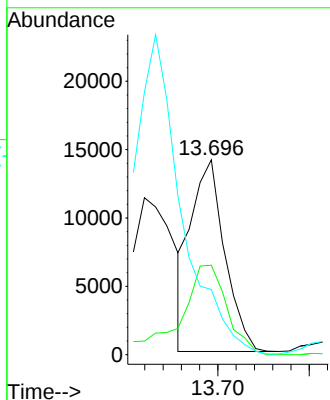
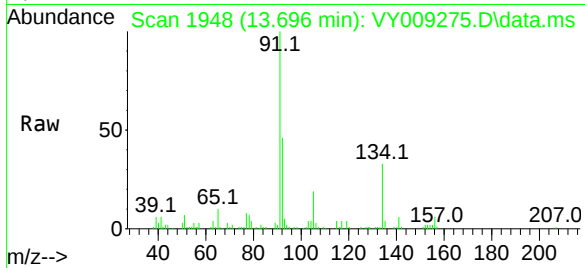




#89
n-Butylbenzene
Concen: 1.353 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 17967
Ion Ratio Lower Upper
91 100
92 64.8 26.3 78.9
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 18.724 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009275.D
Acq: 22 Jun 2022 15:35

Tgt Ion: 128 Resp: 153505
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.0 8.4 12.6

