

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009225.D
 Acq On : 17 Jun 2022 14:31
 Operator : KP/MD
 Sample : N3383-01
 Misc : 6.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-03-(0-3.5)

Quant Time: Jun 17 22:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

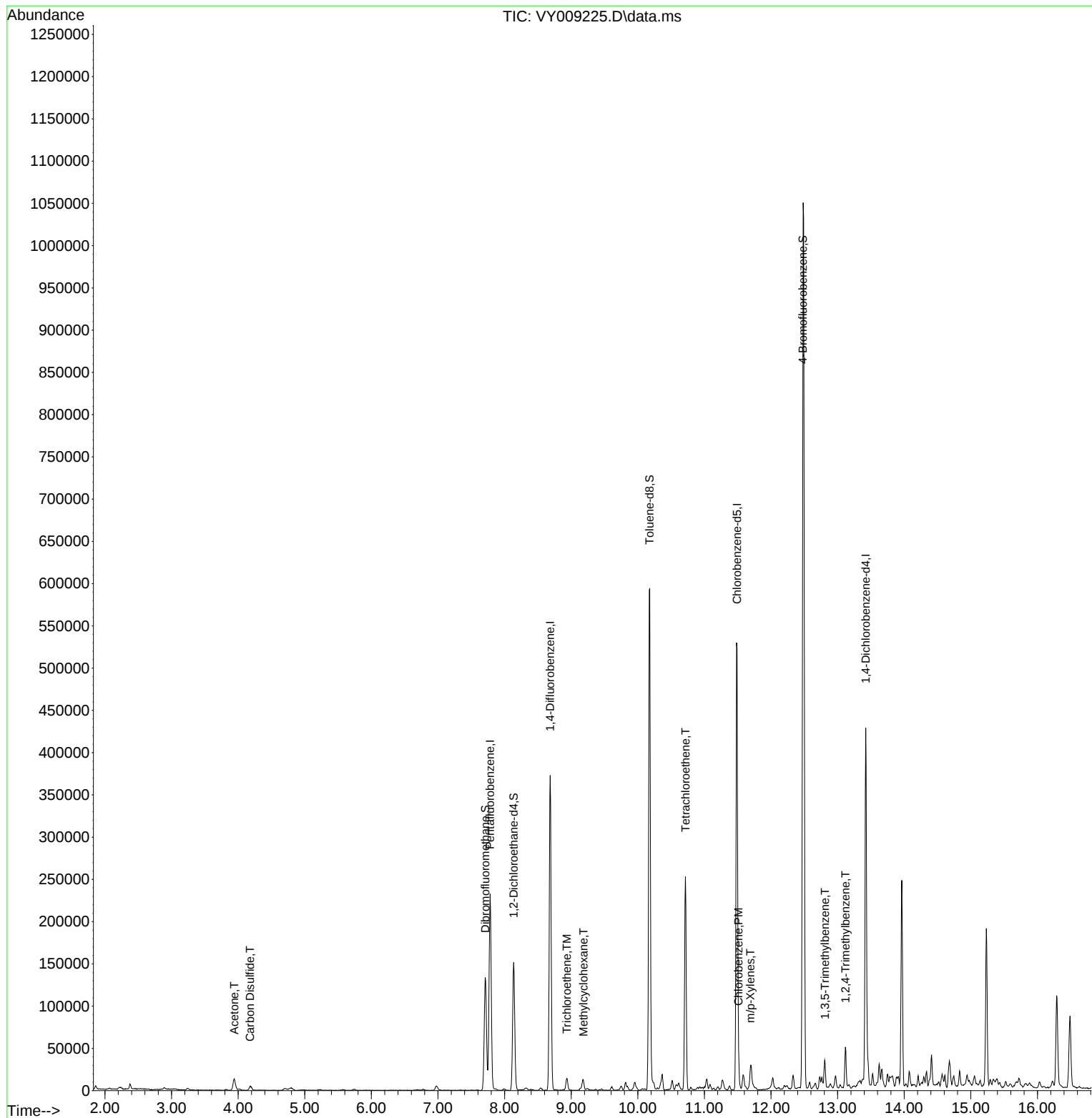
Internal Standards						
1) Pentafluorobenzene	7.782	168	180970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111564	59.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.040%	
35) Dibromofluoromethane	7.709	113	94361	47.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.300%	
50) Toluene-d8	10.178	98	383311	50.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.477	95	122465	45.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	23046	48.397	ug/l #	87
17) Carbon Disulfide	4.179	76	9428	1.891	ug/l	98
39) Methylcyclohexane	9.185	83	5071	1.366	ug/l #	85
44) Trichloroethene	8.935	130	5309	2.066	ug/l	94
64) Tetrachloroethene	10.715	164	52147	19.662	ug/l	98
65) Chlorobenzene	11.514	112	12743	2.055	ug/l	99
68) m/p-Xylenes	11.690	106	8804	2.064	ug/l	84
80) 1,3,5-Trimethylbenzene	12.812	105	10788	1.564	ug/l	88
84) 1,2,4-Trimethylbenzene	13.117	105	25765	3.806	ug/l	96

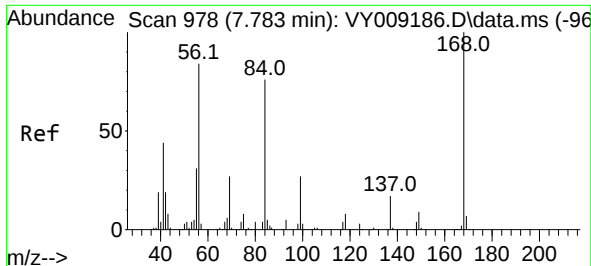
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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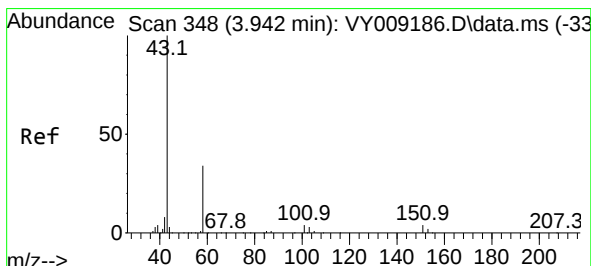
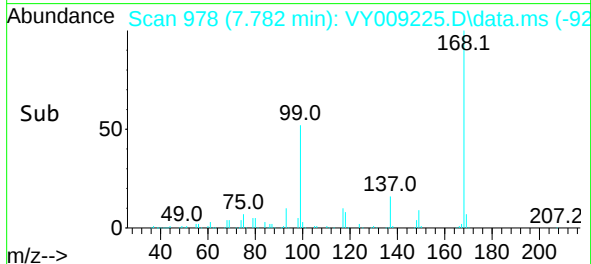
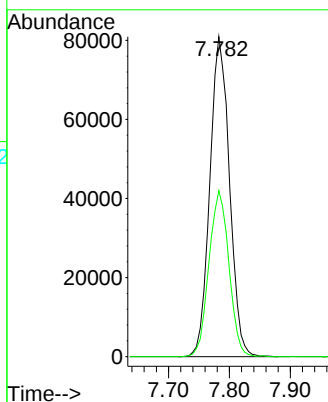
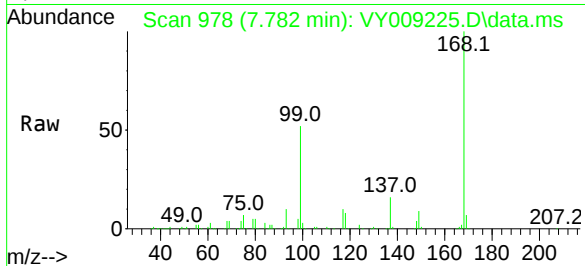




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

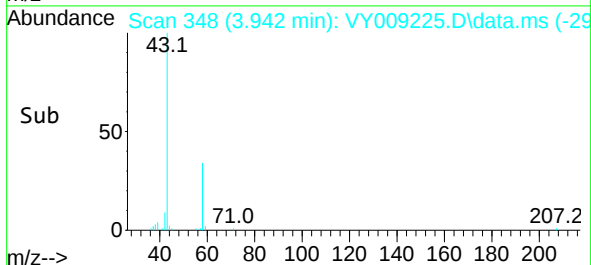
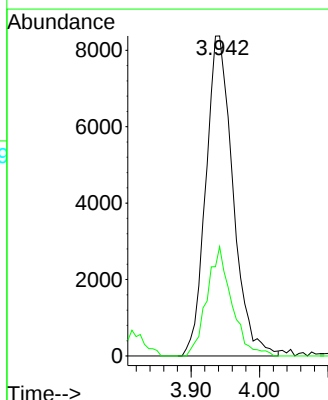
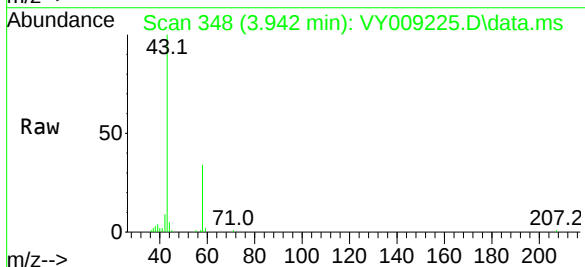
Instrument :
MSVOA_Y
ClientSampleId :
RB-03-(0-3.5)

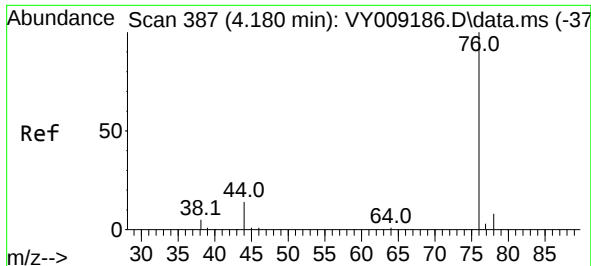
Tgt Ion:168 Resp: 180970
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 48.397 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

Tgt Ion: 43 Resp: 23046
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

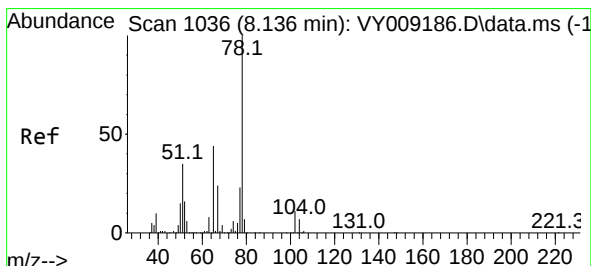
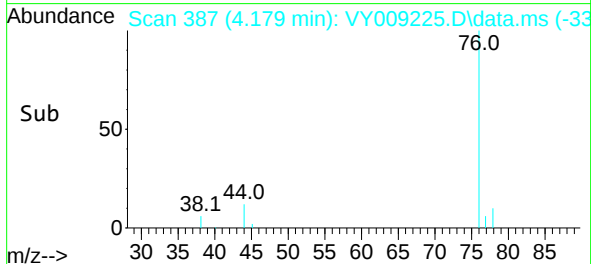
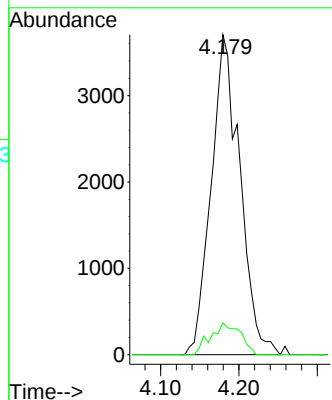
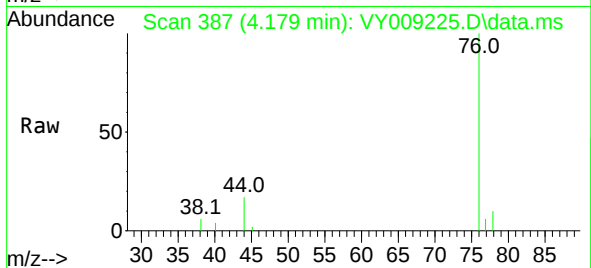




#17
Carbon Disulfide
Concen: 1.891 ug/l
RT: 4.179 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

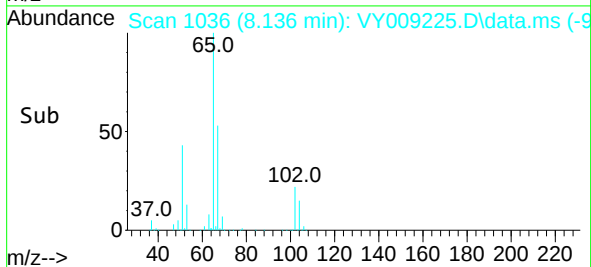
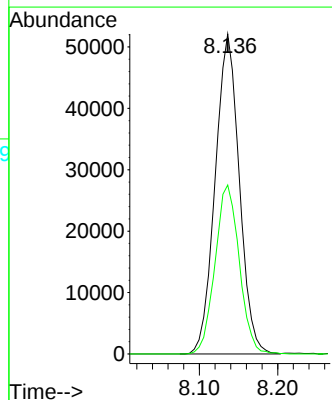
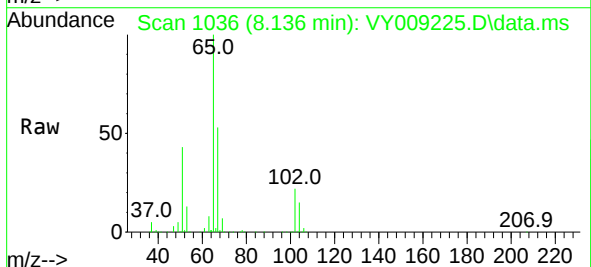
Instrument :
MSVOA_Y
ClientSampleId :
RB-03-(0-3.5)

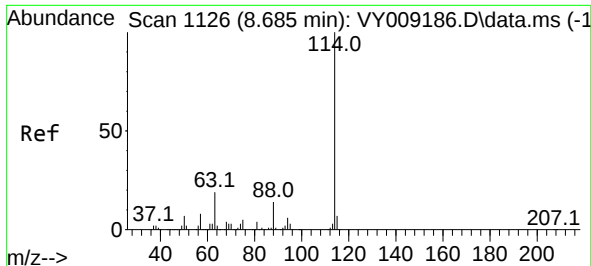
Tgt Ion: 76 Resp: 9428
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 59.016 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

Tgt Ion: 65 Resp: 111564
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

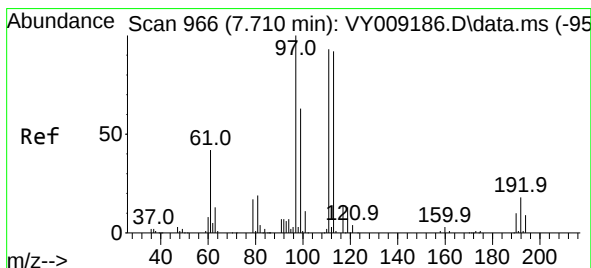
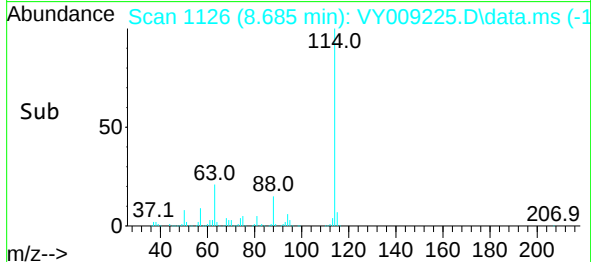
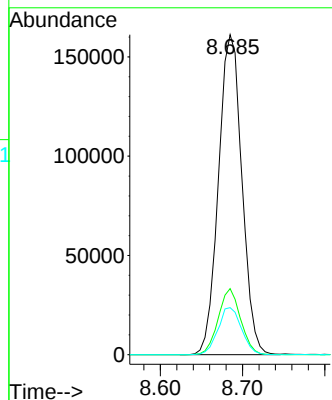
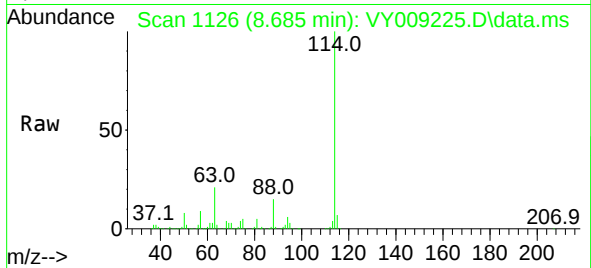




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

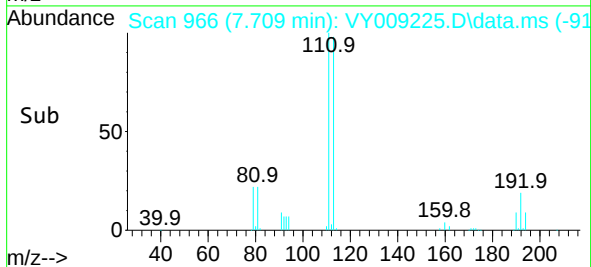
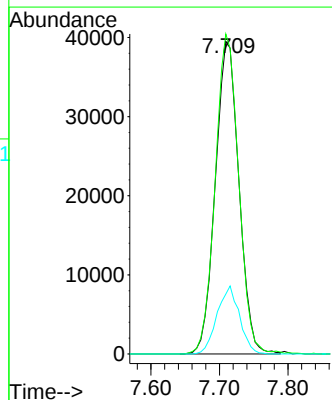
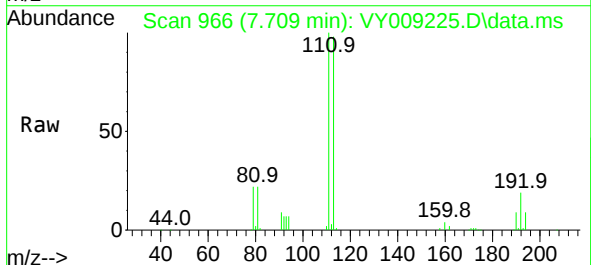
Instrument :
MSVOA_Y
ClientSampleId :
RB-03-(0-3.5)

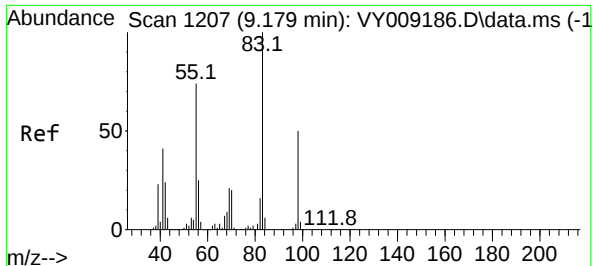
Tgt Ion:114 Resp: 319235
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.145 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

Tgt Ion:113 Resp: 94361
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.6 17.6 26.4

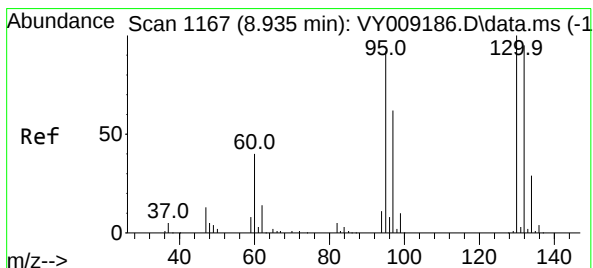
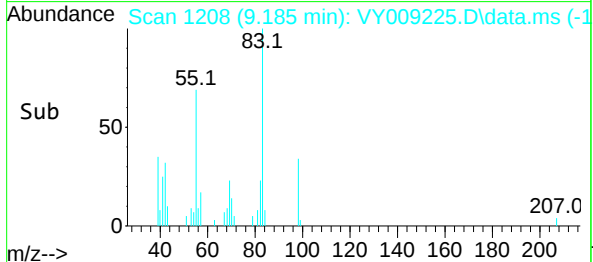
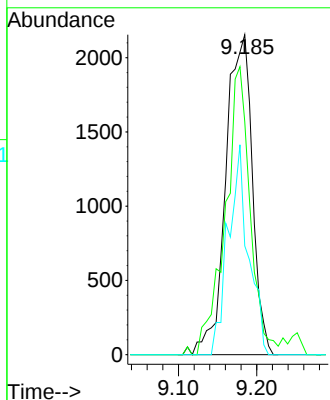
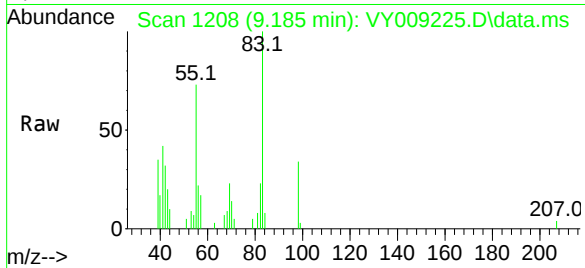




#39
Methylcyclohexane
Concen: 1.366 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

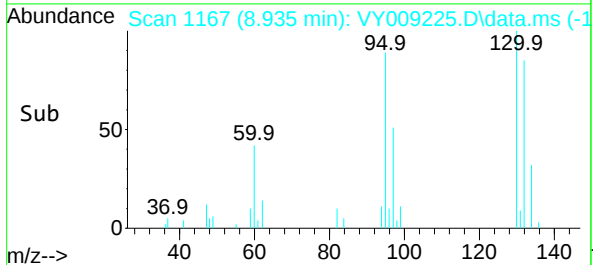
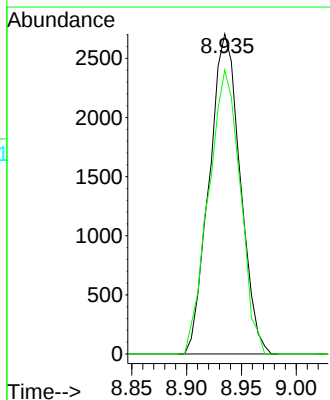
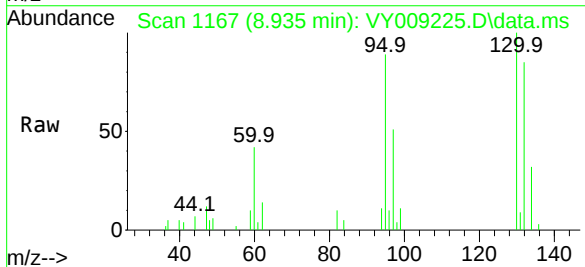
Instrument :
MSVOA_Y
ClientSampleId :
RB-03-(0-3.5)

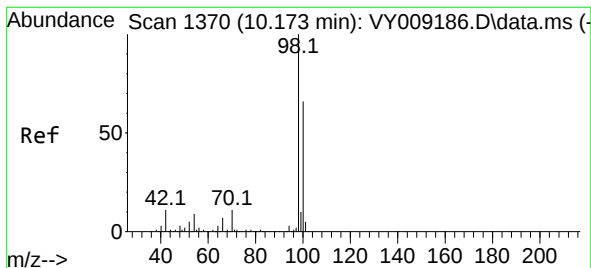
Tgt Ion: 83 Resp: 5071
Ion Ratio Lower Upper
83 100
55 72.8 66.5 99.7
98 34.0 37.9 56.9#



#44
Trichloroethene
Concen: 2.066 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

Tgt Ion:130 Resp: 5309
Ion Ratio Lower Upper
130 100
95 88.7 0.0 188.2





#50

Toluene-d8

Concen: 50.310 ug/l

RT: 10.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009225.D

Acq: 17 Jun 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

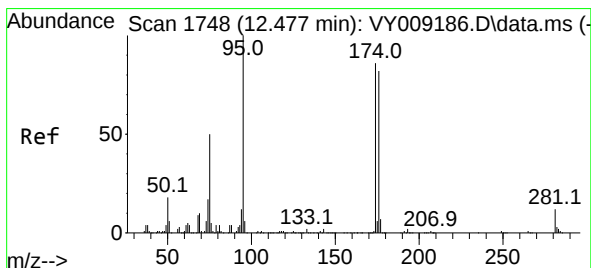
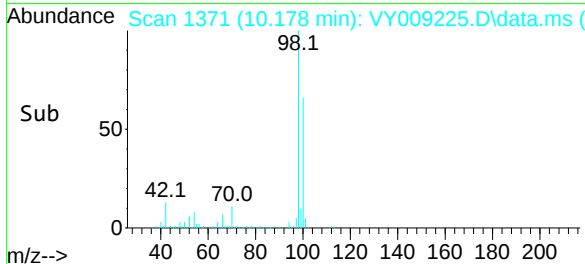
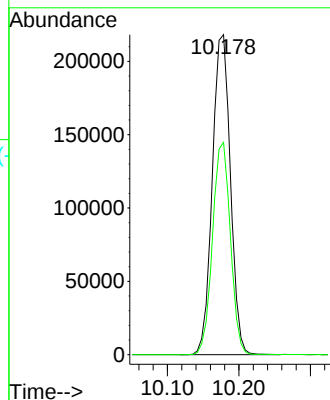
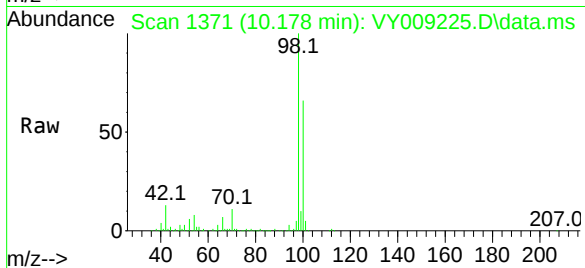
RB-03-(0-3.5)

Tgt Ion: 98 Resp: 383311

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009225.D

Acq: 17 Jun 2022 14:31

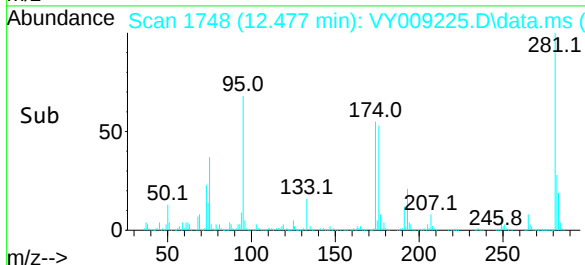
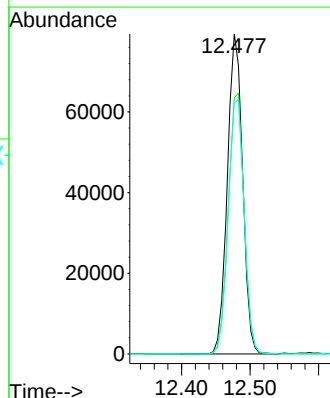
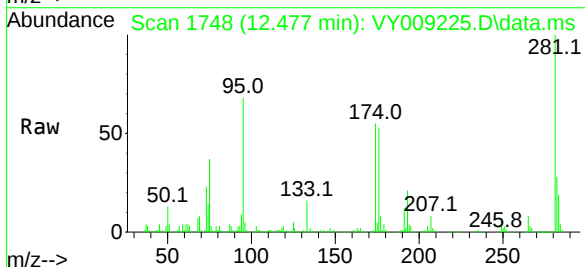
Tgt Ion: 95 Resp: 122465

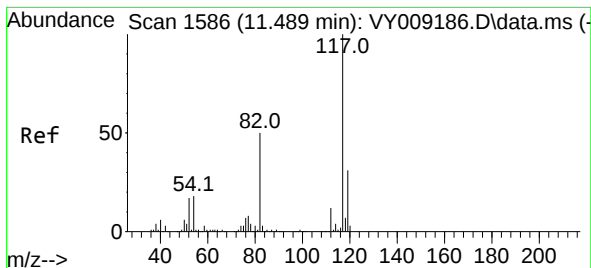
Ion Ratio Lower Upper

95 100

174 84.5 0.0 177.0

176 82.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009225.D

Acq: 17 Jun 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

RB-03-(0-3.5)

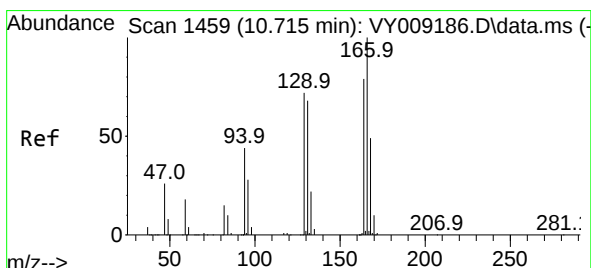
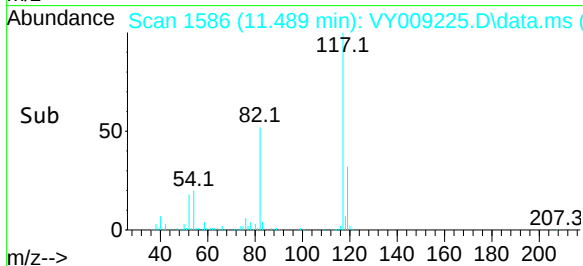
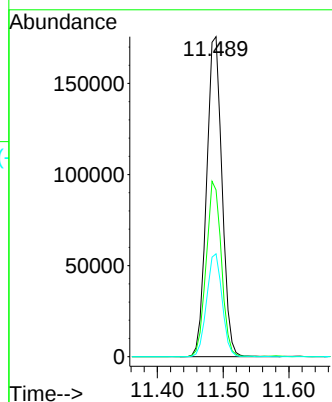
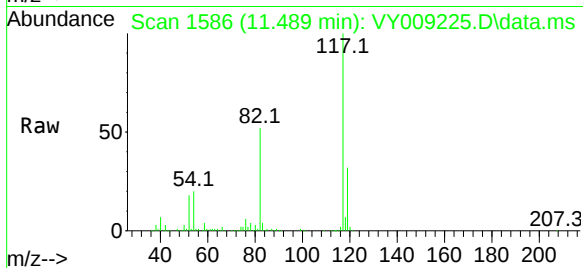
Tgt Ion:117 Resp: 286274

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 19.662 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009225.D

Acq: 17 Jun 2022 14:31

Tgt Ion:164 Resp: 52147

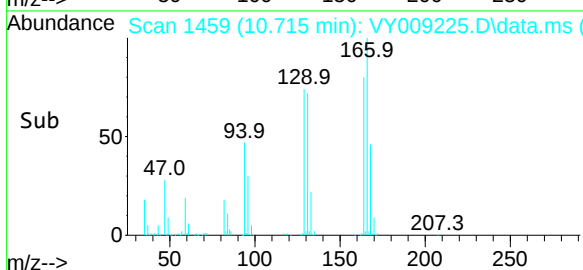
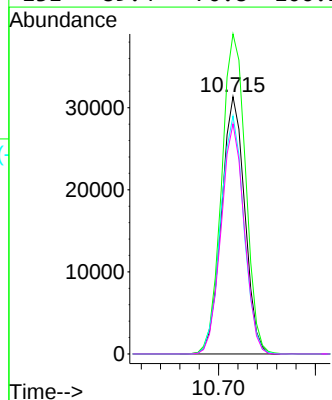
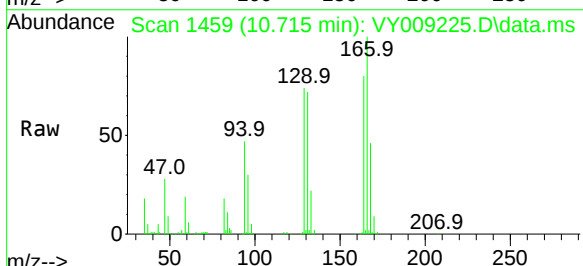
Ion Ratio Lower Upper

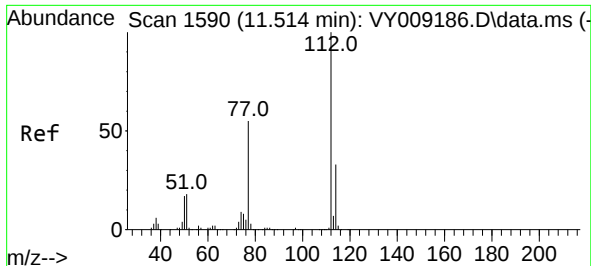
164 100

166 124.3 100.4 150.6

129 92.4 71.4 107.0

131 89.4 70.8 106.2

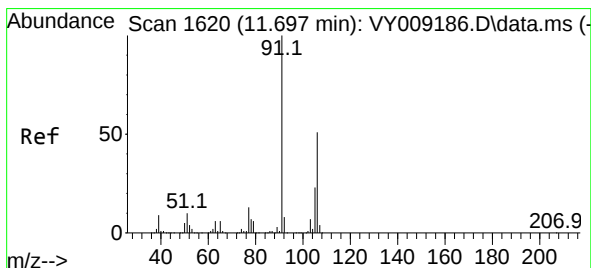
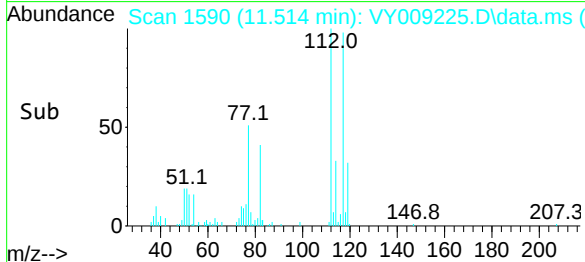
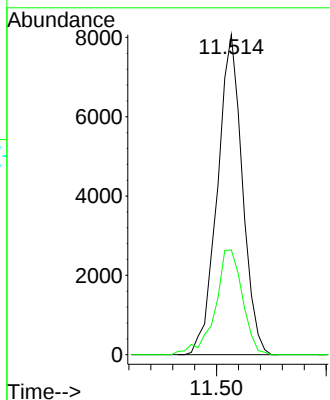
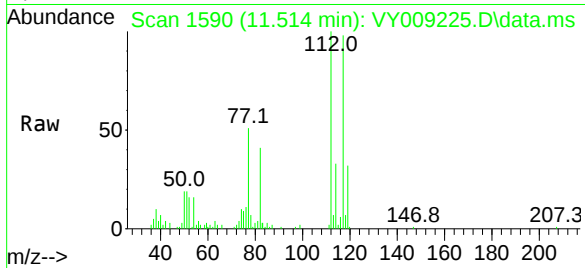




#65
Chlorobenzene
Concen: 2.055 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

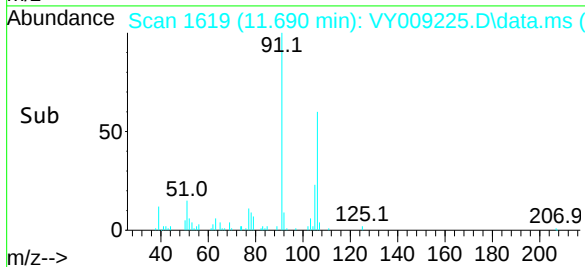
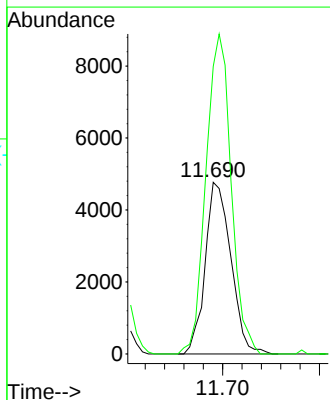
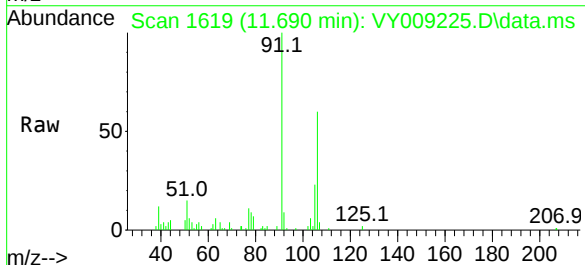
Instrument :
MSVOA_Y
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RB-03-(0-3.5)

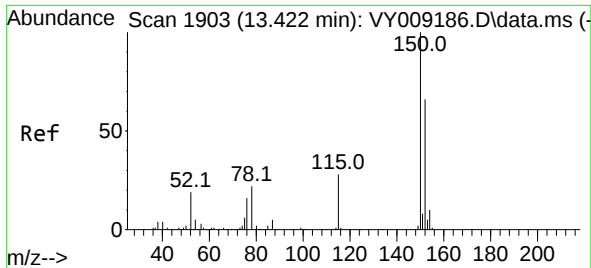
Tgt Ion:112 Resp: 12743
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#68
m/p-Xylenes
Concen: 2.064 ug/l
RT: 11.690 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY009225.D
Acq: 17 Jun 2022 14:31

Tgt Ion:106 Resp: 8804
Ion Ratio Lower Upper
106 100
91 183.0 166.6 249.8

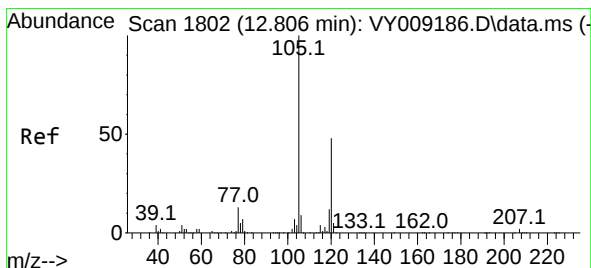
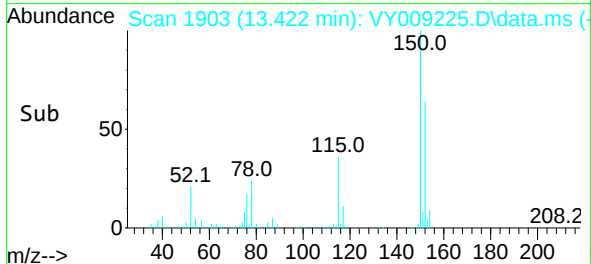
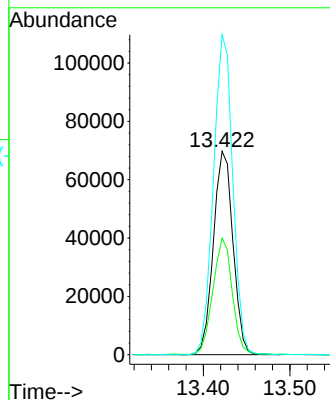
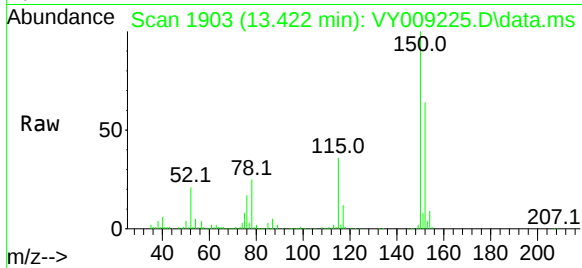




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009225.D
 Acq: 17 Jun 2022 14:31

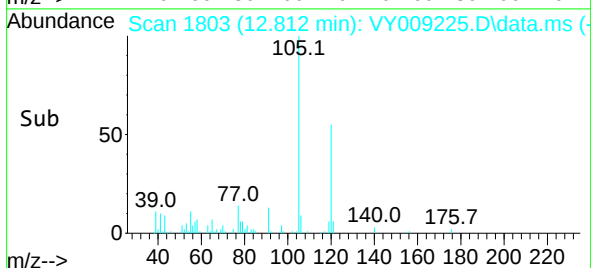
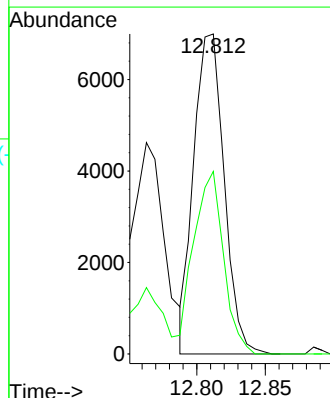
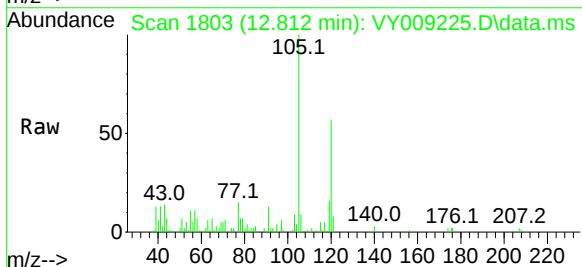
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-03-(0-3.5)

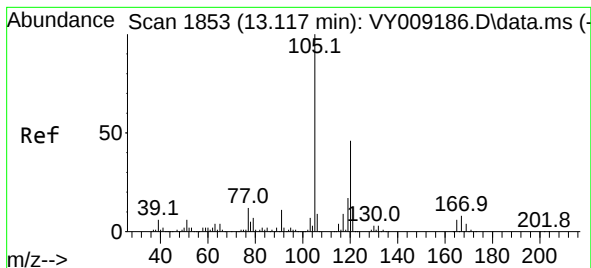
Tgt Ion:152 Resp: 109645
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 155.1 0.0 347.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.564 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.006 min
 Lab File: VY009225.D
 Acq: 17 Jun 2022 14:31

Tgt Ion:105 Resp: 10788
 Ion Ratio Lower Upper
 105 100
 120 57.0 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 3.806 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009225.D

Acq: 17 Jun 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

RB-03-(0-3.5)

Tgt Ion:105 Resp: 25765

Ion Ratio Lower Upper

105 100

120 47.3 22.3 66.9

