

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013687.D
 Acq On : 10 May 2023 14:56
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 11 03:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

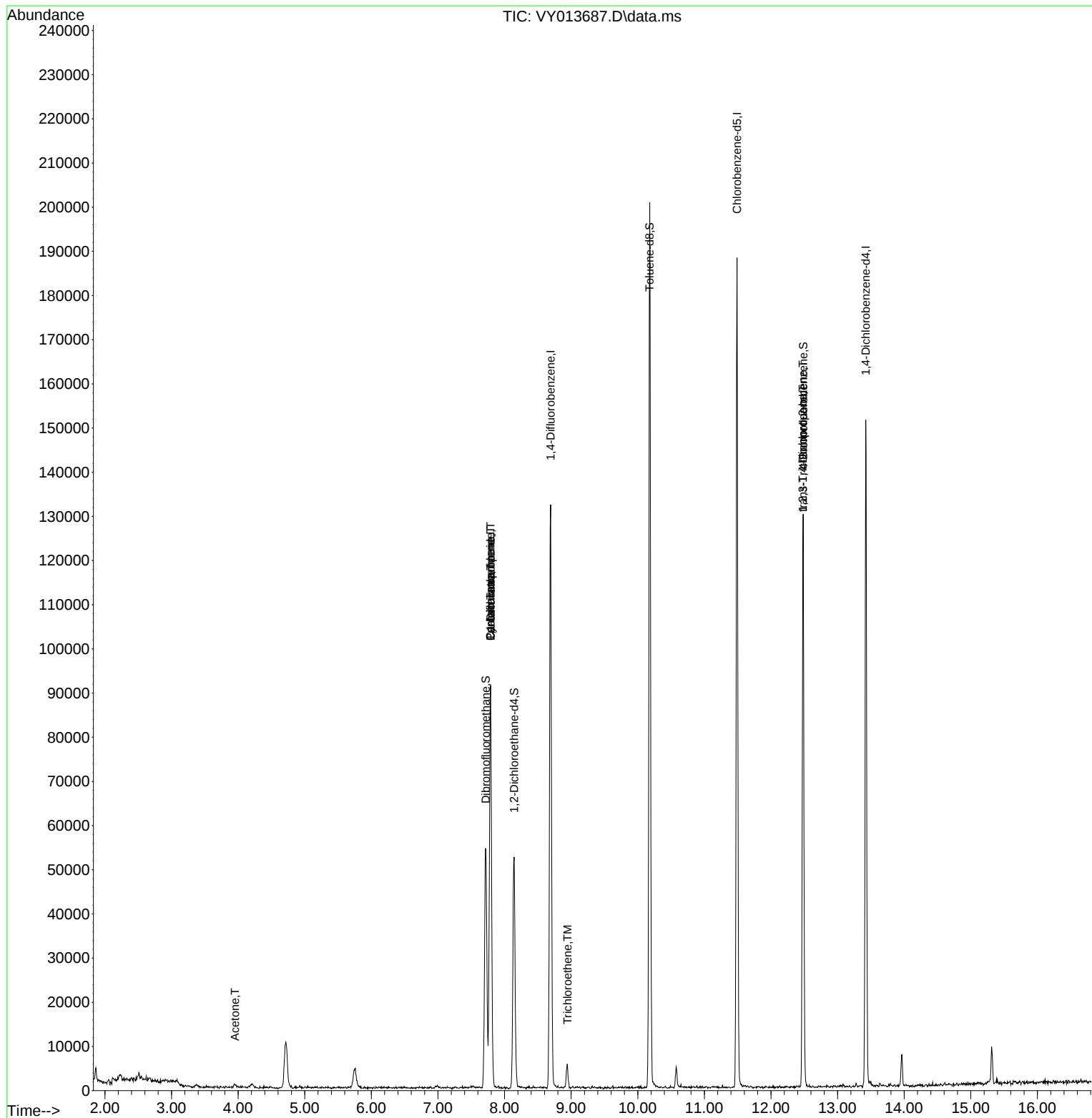
Internal Standards						
1) Pentafluorobenzene	7.789	168	70476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43506	56.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.620%	
35) Dibromofluoromethane	7.716	113	37452	53.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.179	98	131156	53.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.080%	
62) 4-Bromofluorobenzene	12.483	95	35536	42.627	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1099	3.612	ug/l #	78
20) Methylene Chloride	4.723	84	7506	Below Cal		89
31) Cyclohexane	7.789	56	1437	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5365	4.651	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7198	5.953	ug/l #	15
44) Trichloroethene	8.947	130	2085	2.412	ug/l	57
76) 1,2,3-Trichloropropane	12.477	75	18921	35.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18921	73.036	ug/l #	12

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

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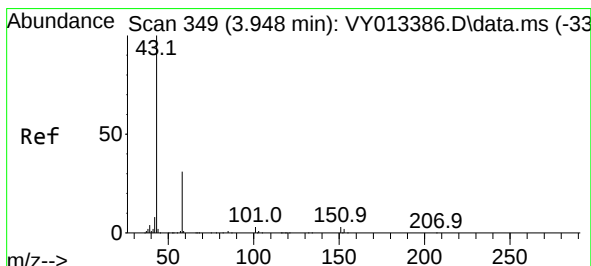
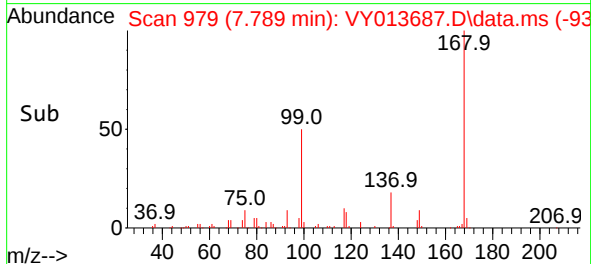
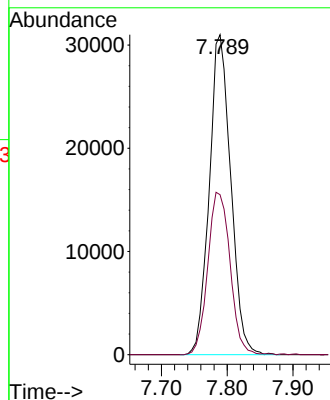
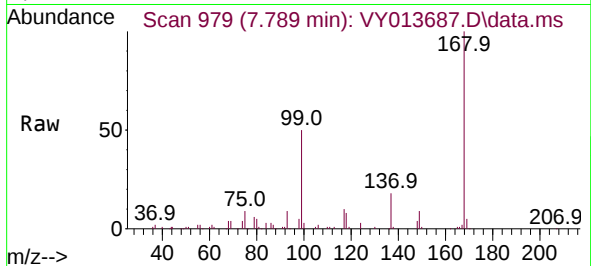




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

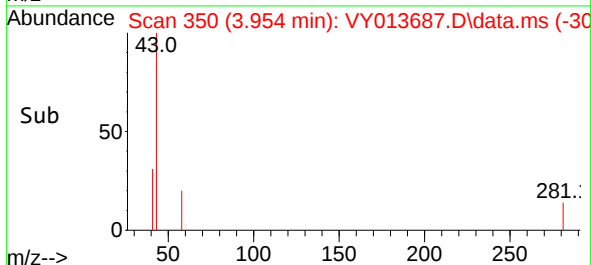
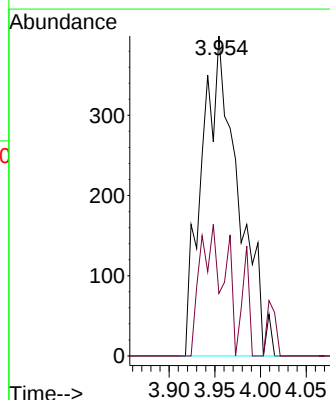
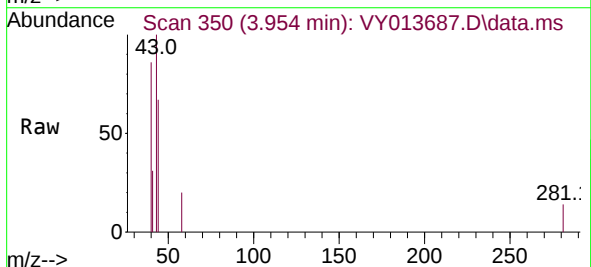
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

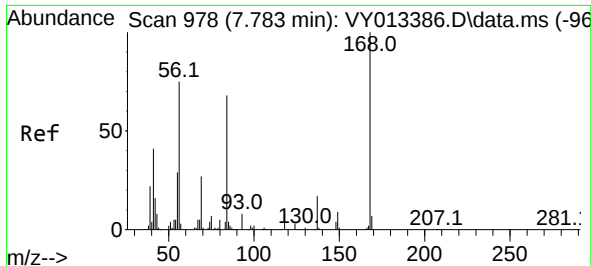
Tgt Ion:168 Resp: 70476
Ion Ratio Lower Upper
168 100
99 50.0 41.8 62.6



#16
Acetone
Concen: 3.612 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 19.5 25.4 38.0#

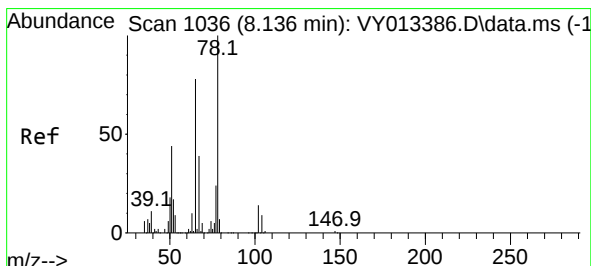
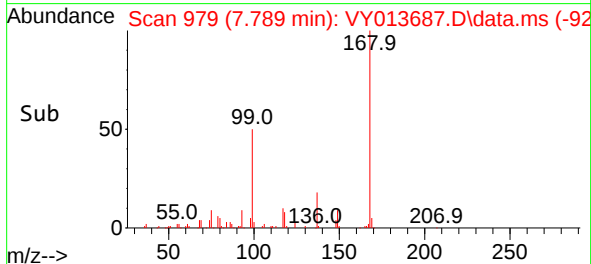
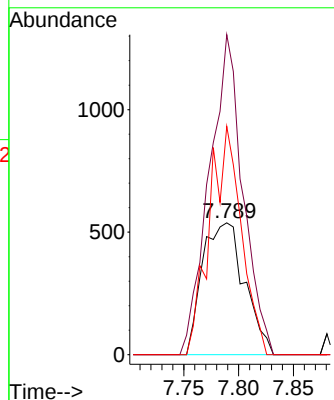
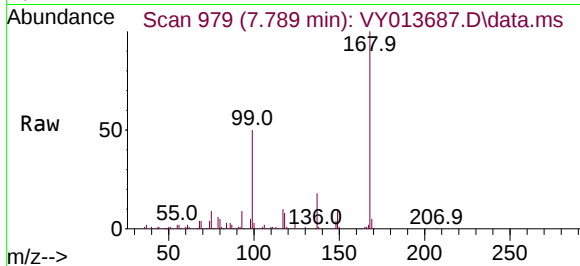




#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

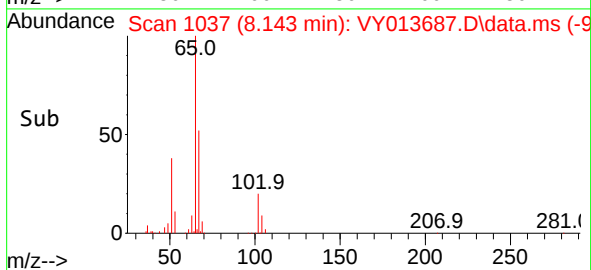
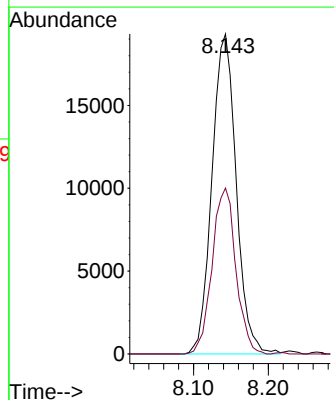
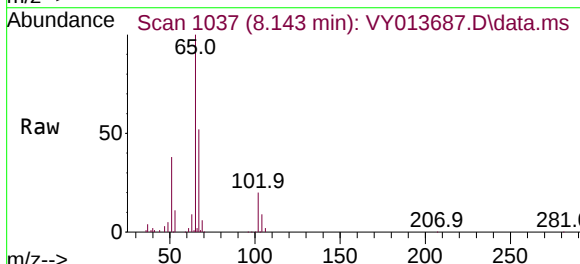
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

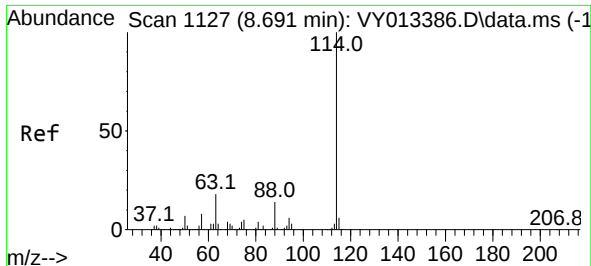
Tgt Ion: 56 Resp: 1437
Ion Ratio Lower Upper
56 100
69 242.8 29.2 43.8#
84 173.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 56.313 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

Tgt Ion: 65 Resp: 43506
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013687.D

Acq: 10 May 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

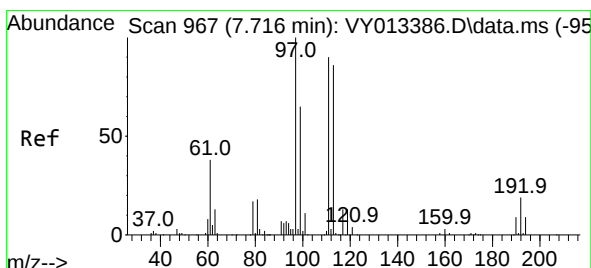
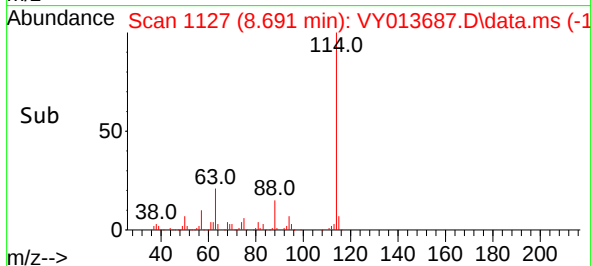
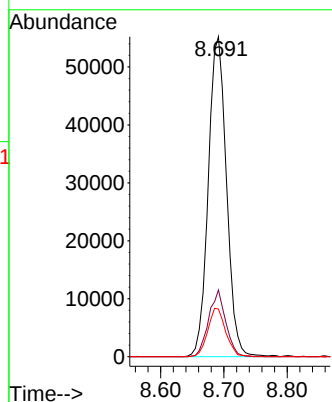
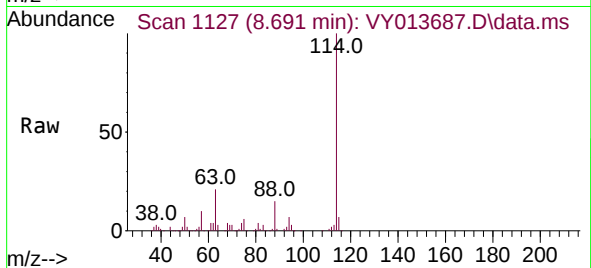
Tgt Ion:114 Resp: 110519

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.879 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013687.D

Acq: 10 May 2023 14:56

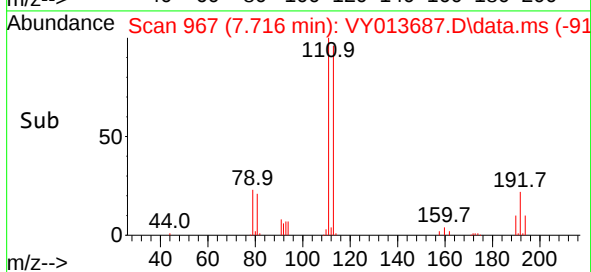
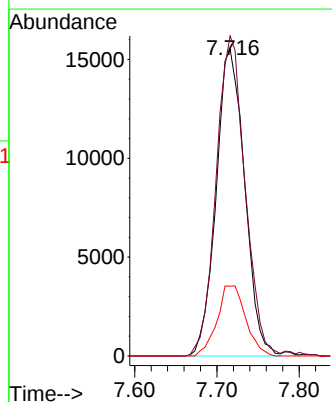
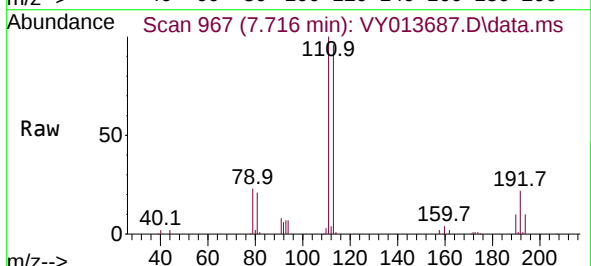
Tgt Ion:113 Resp: 37452

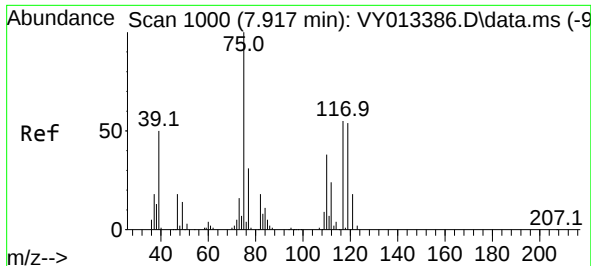
Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.2

192 23.0 16.7 25.1

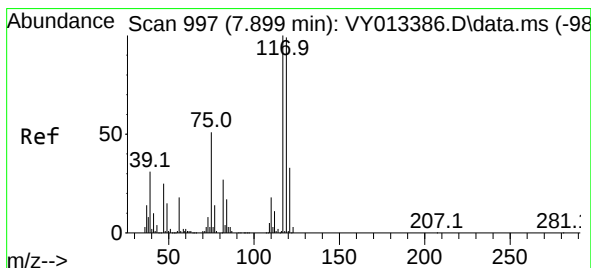
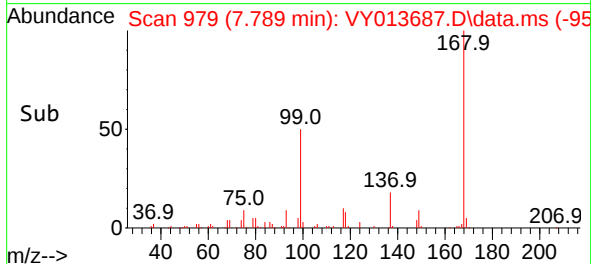
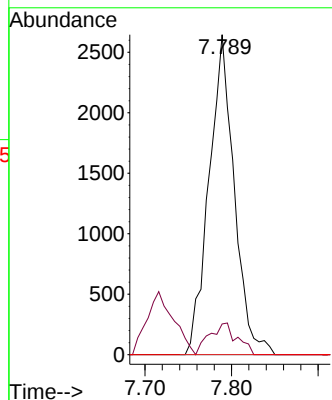
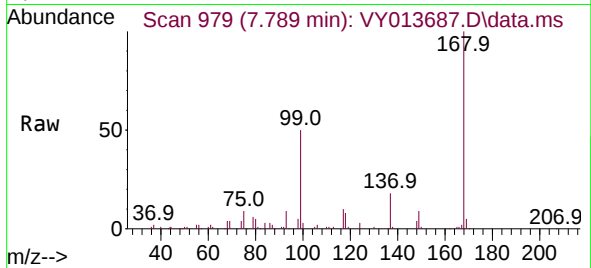




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

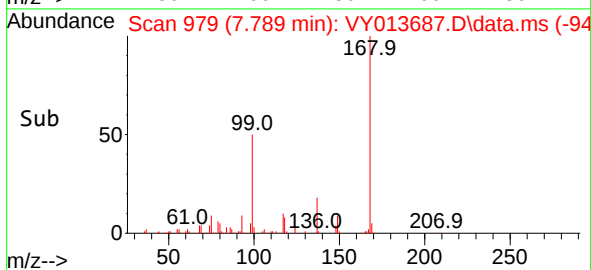
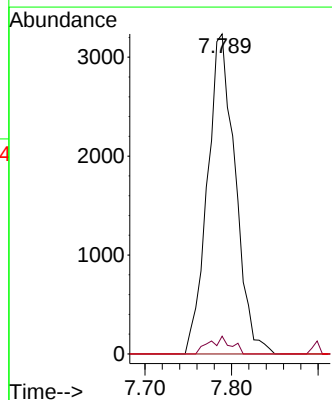
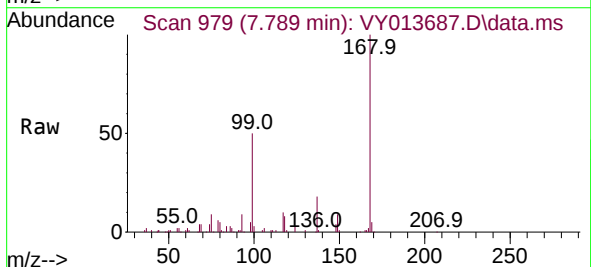
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

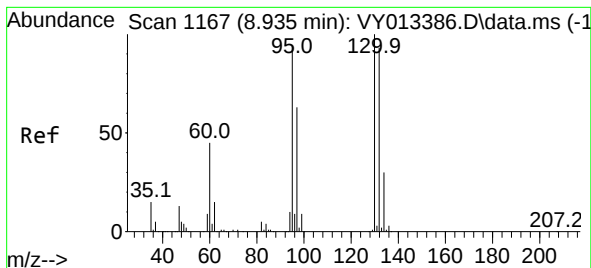
Tgt Ion: 75 Resp: 5365
Ion Ratio Lower Upper
75 100
110 10.7 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

Tgt Ion: 117 Resp: 7198
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 26.6 40.0#





#44

Trichloroethene

Concen: 2.412 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY013687.D

Acq: 10 May 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

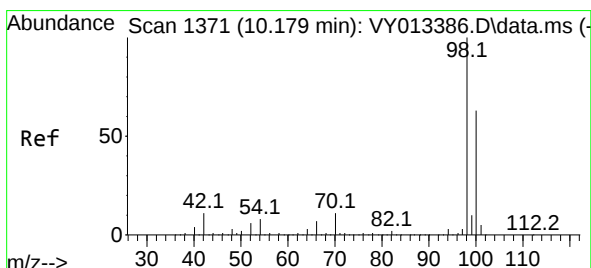
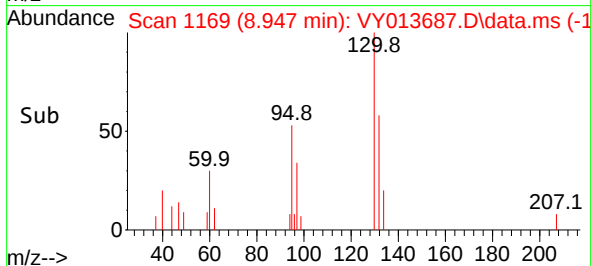
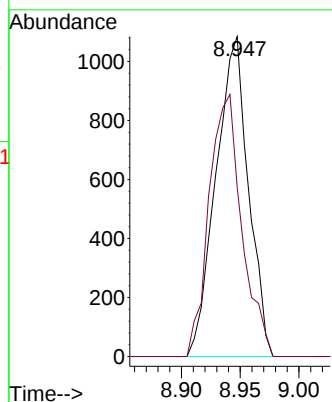
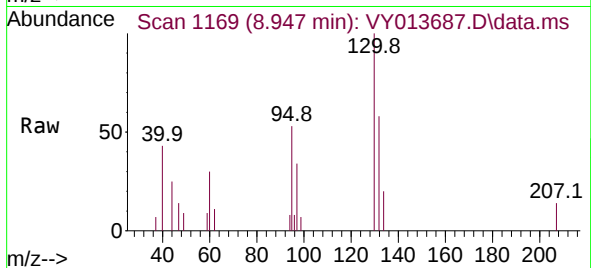
VIBLK

Tgt Ion:130 Resp: 2085

Ion Ratio Lower Upper

130 100

95 53.0 0.0 188.8



#50

Toluene-d8

Concen: 53.039 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013687.D

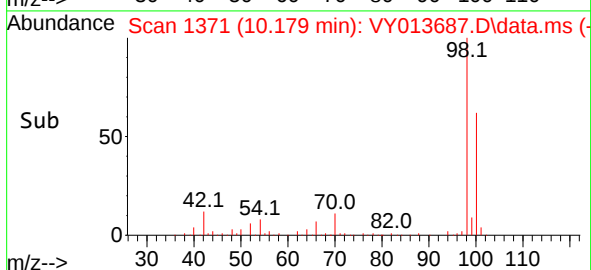
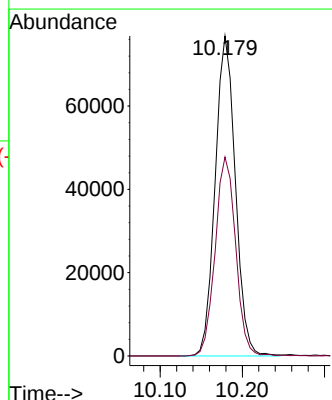
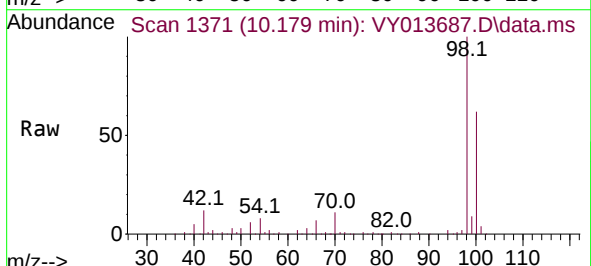
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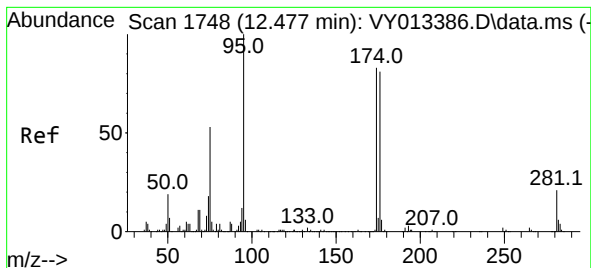
Tgt Ion: 98 Resp: 131156

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

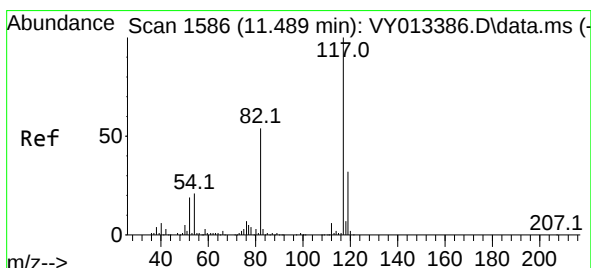
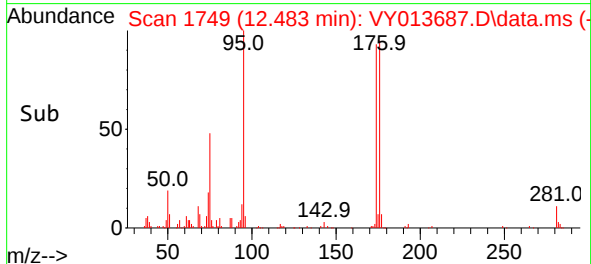
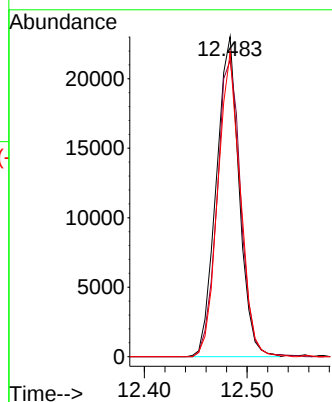
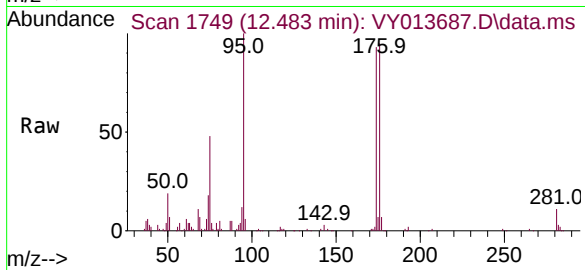




#62
4-Bromofluorobenzene
Concen: 42.627 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

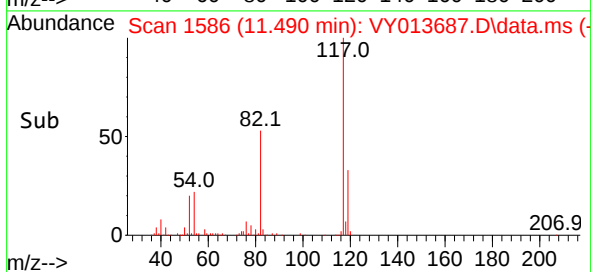
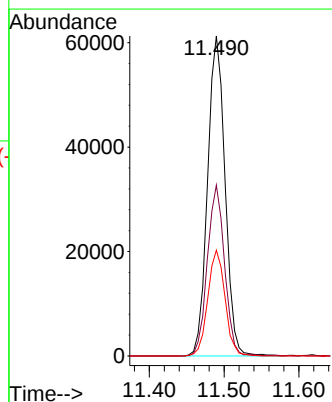
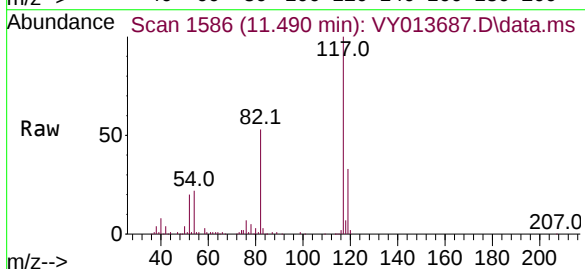
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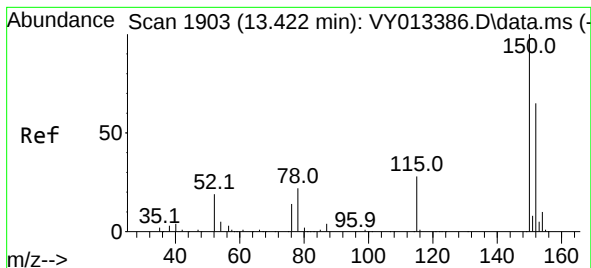
Tgt Ion: 95 Resp: 35536
Ion Ratio Lower Upper
95 100
174 96.2 0.0 182.0
176 93.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013687.D
Acq: 10 May 2023 14:56

Tgt Ion: 117 Resp: 99413
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.6
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013687.D

Acq: 10 May 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

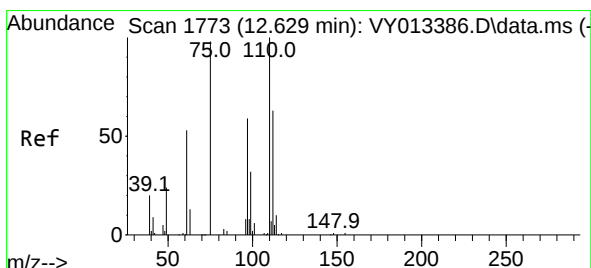
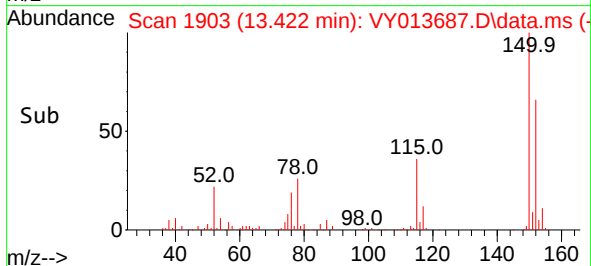
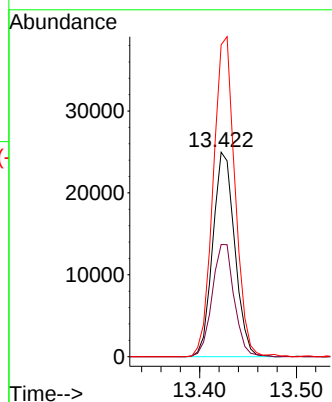
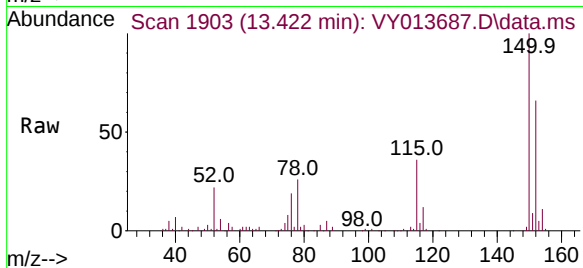
Tgt Ion:152 Resp: 39294

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 155.6 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 35.705 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013687.D

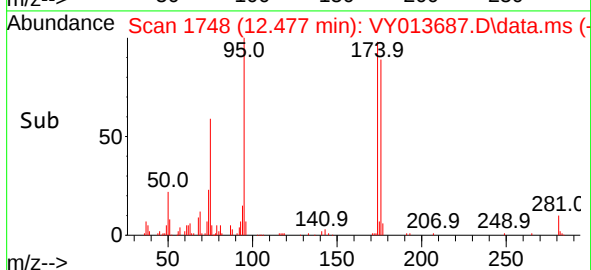
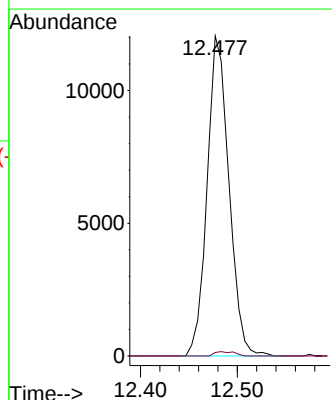
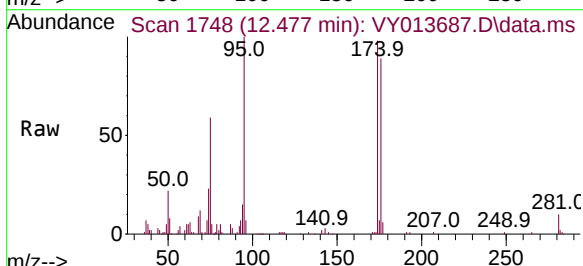
Acq: 10 May 2023 14:56

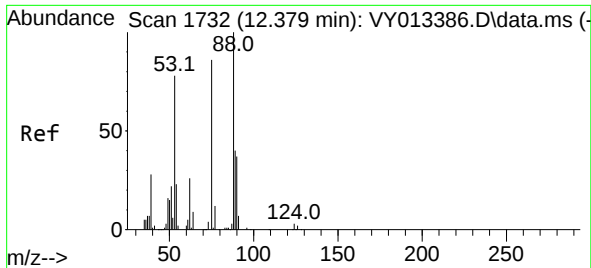
Tgt Ion: 75 Resp: 18921

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.036 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013687.D
 Acq: 10 May 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 18921
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 38.0 57.0#

