

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016313.D
 Acq On : 10 Nov 2023 18:46
 Operator : SY/MD
 Sample : 05378-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3-VOC

Quant Time: Nov 10 22:24:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

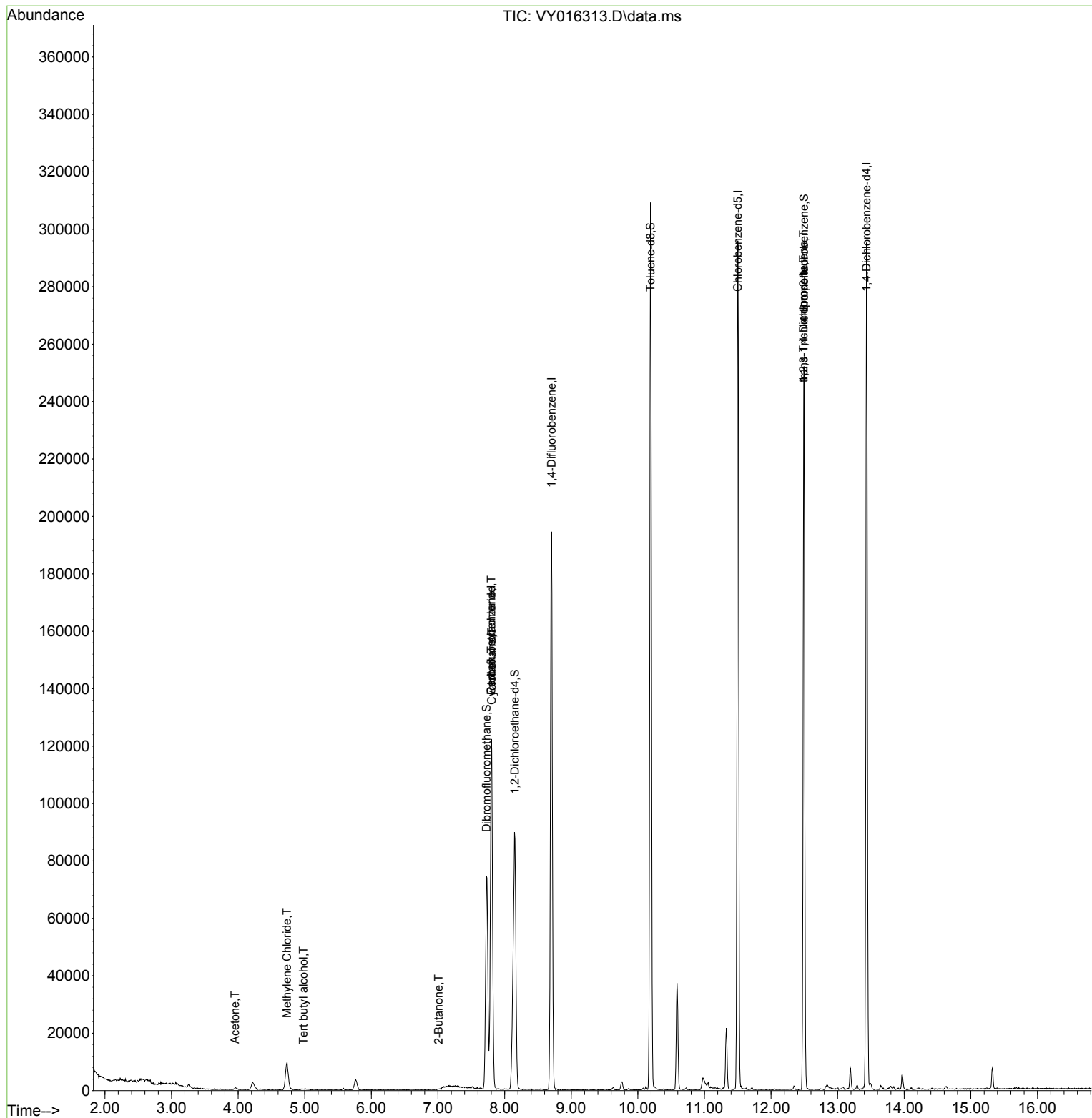
Internal Standards						
1) Pentafluorobenzene	7.801	168	95598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60289	69.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.000%	
35) Dibromofluoromethane	7.728	113	54050	55.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.191	98	203862	51.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.495	95	70848	55.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	745	10.889	ug/l #	89
16) Acetone	3.954	43	1118	7.736	ug/l #	77
20) Methylene Chloride	4.735	84	7316	3.961	ug/l #	84
25) 2-Butanone	7.009	43	316	1.248	ug/l #	49
31) Cyclohexane	7.807	56	1767	1.027	ug/l #	1
38) Carbon Tetrachloride	7.801	117	9965	5.661	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	37167	49.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37167	108.516	ug/l #	11

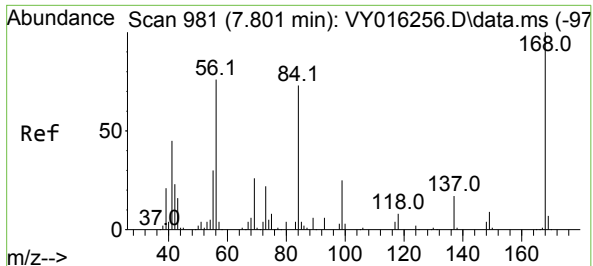
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

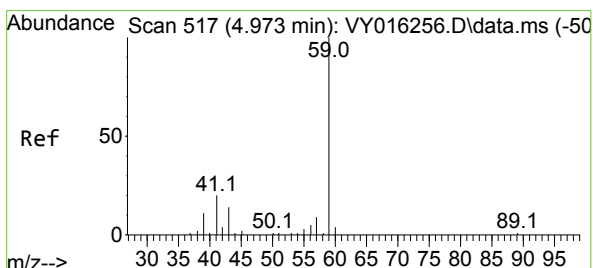
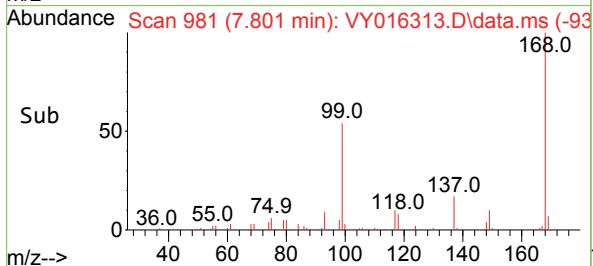
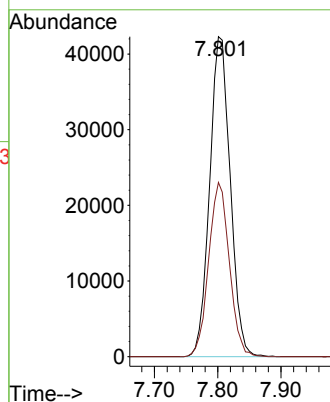
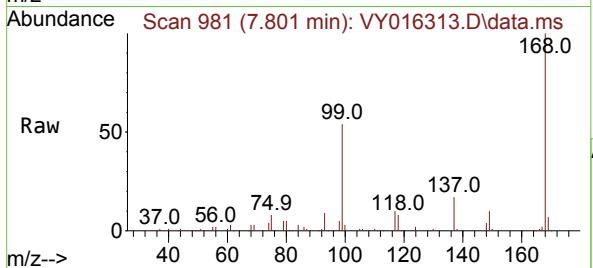




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

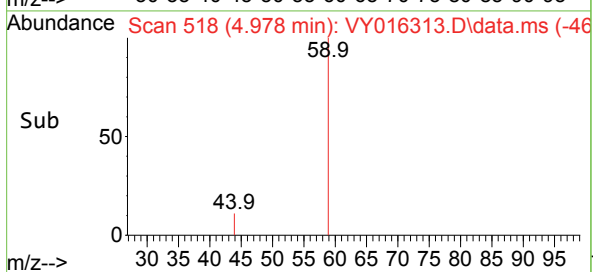
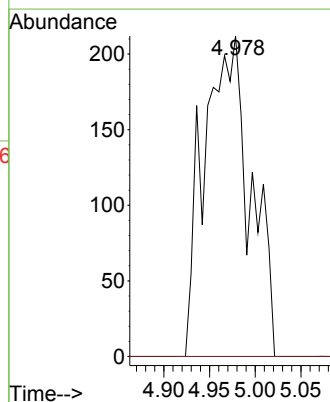
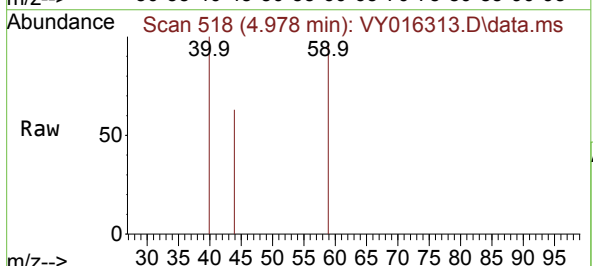
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

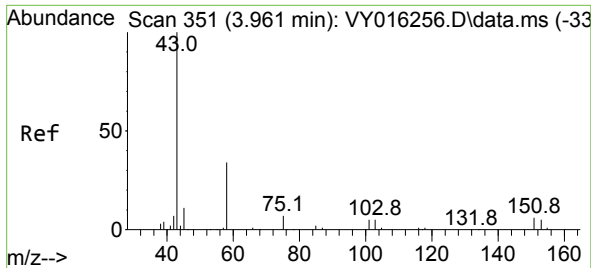
Tgt Ion:168 Resp: 95598
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.889 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 7.736 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

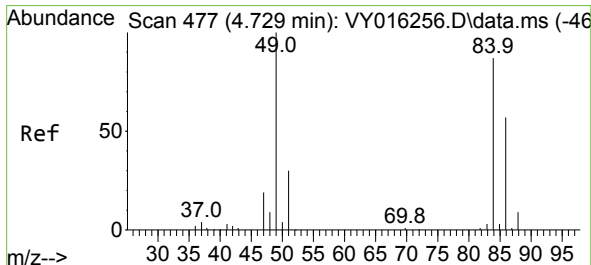
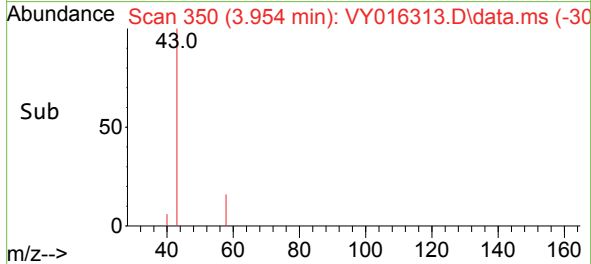
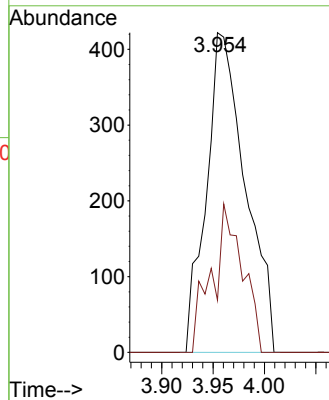
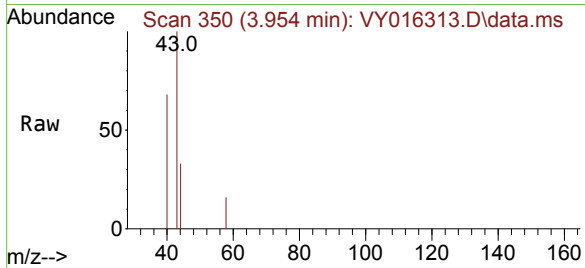
MH-3-VOC

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

58 16.4 22.7 34.1#



#20

Methylene Chloride

Concen: 3.961 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

Tgt Ion: 84 Resp: 7316

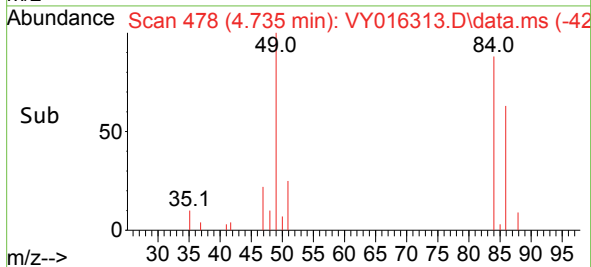
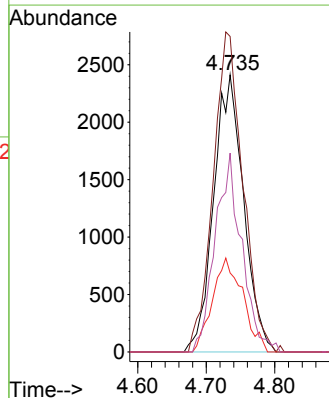
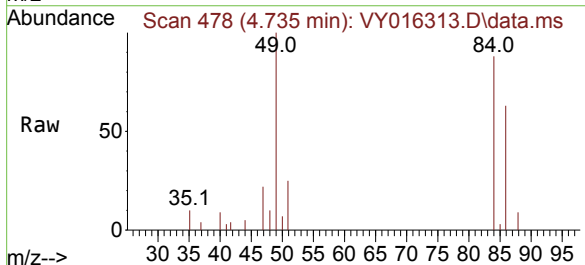
Ion Ratio Lower Upper

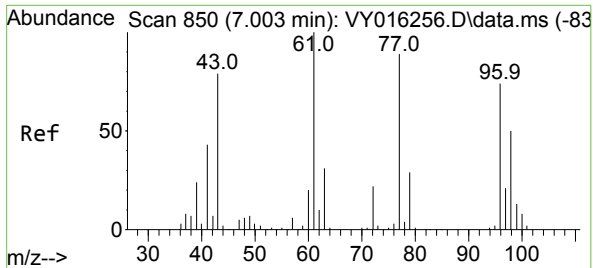
84 100

49 113.9 106.9 160.3

51 28.5 33.2 49.8#

86 71.8 51.0 76.6

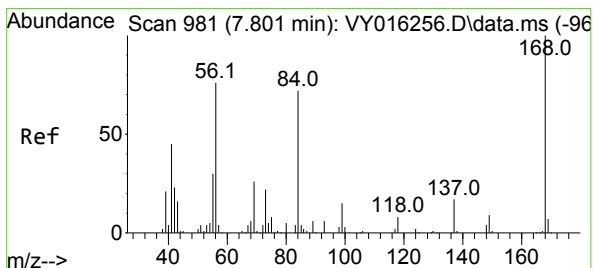
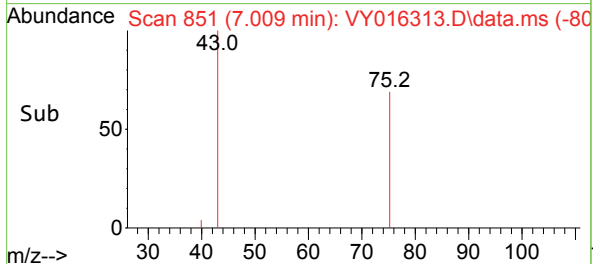
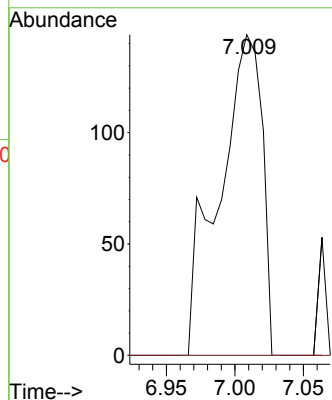
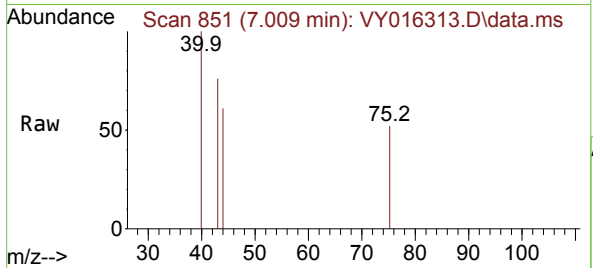




#25
2-Butanone
Concen: 1.248 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

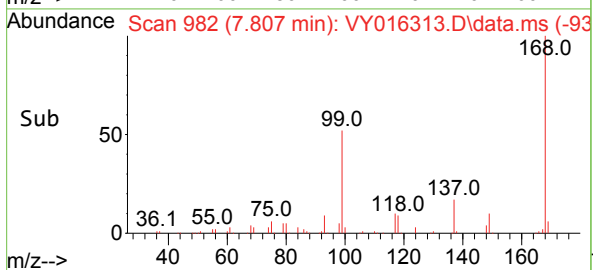
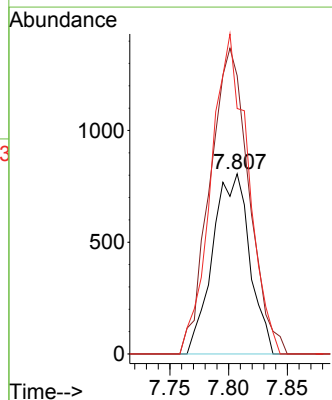
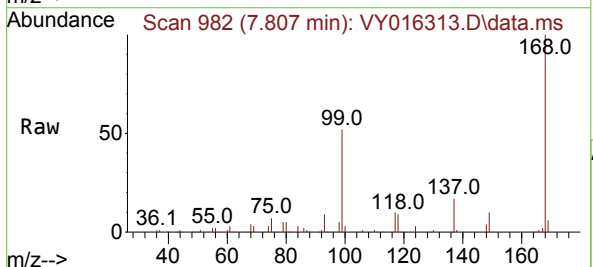
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

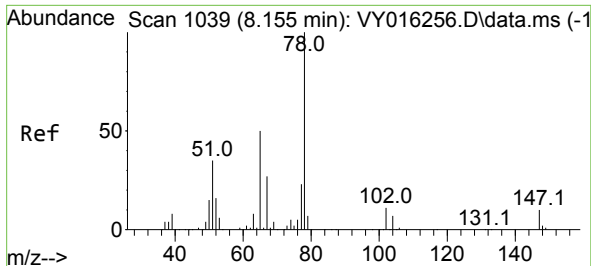
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion: 56 Resp: 1767
Ion Ratio Lower Upper
56 100
69 154.5 27.8 41.6#
84 136.2 66.4 99.6#

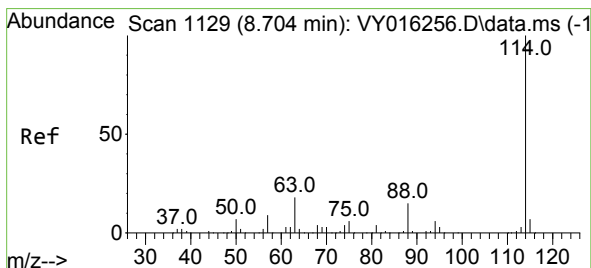
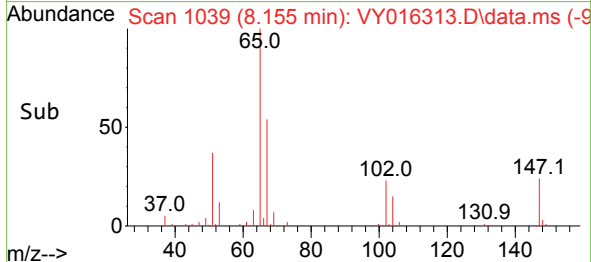
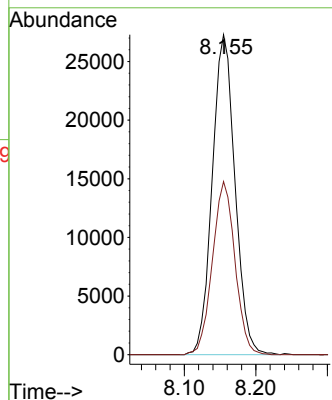
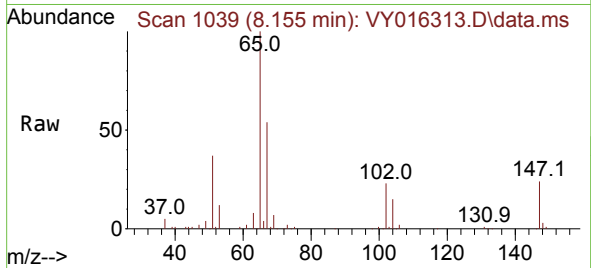




#33
 1,2-Dichloroethane-d4
 Concen: 69.002 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016313.D
 Acq: 10 Nov 2023 18:46

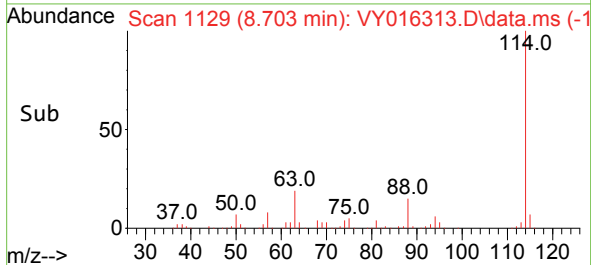
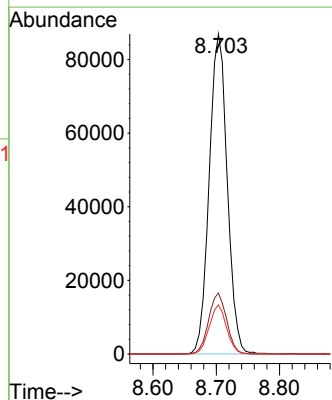
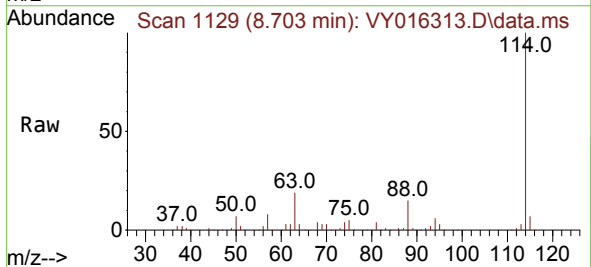
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3-VOC

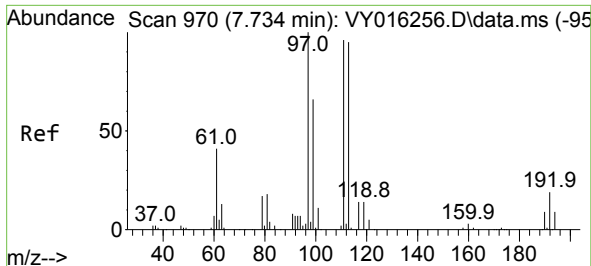
Tgt Ion: 65 Resp: 60289
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016313.D
 Acq: 10 Nov 2023 18:46

Tgt Ion: 114 Resp: 171959
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 15.3 0.0 30.6

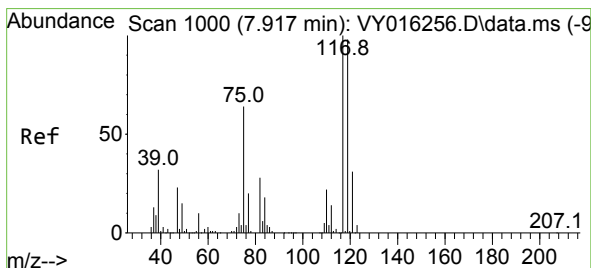
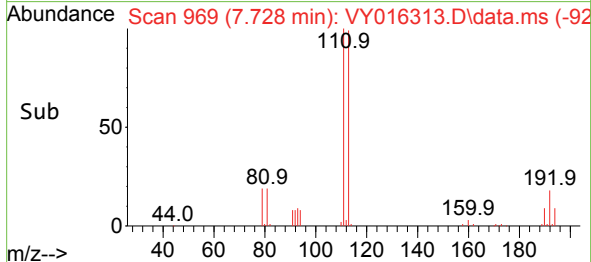
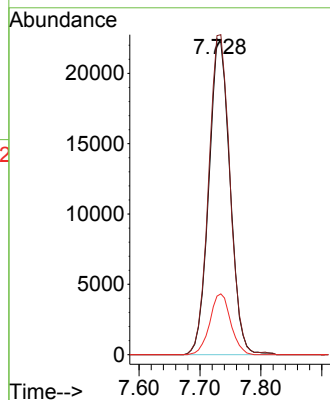
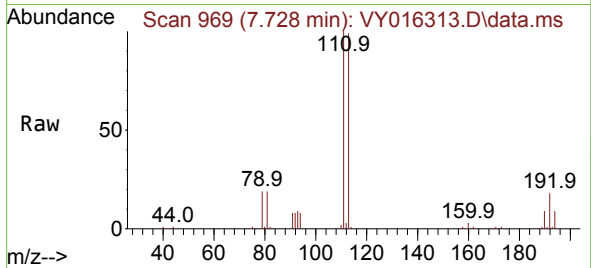




#35
Dibromofluoromethane
Concen: 55.332 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

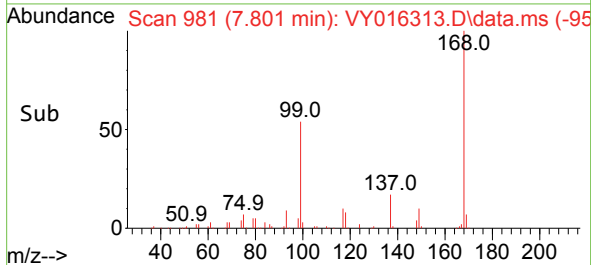
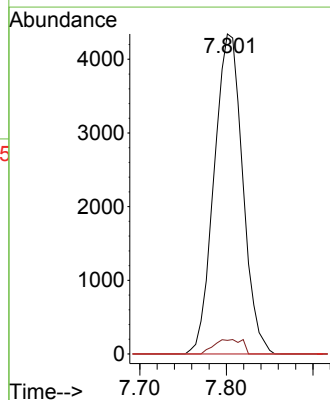
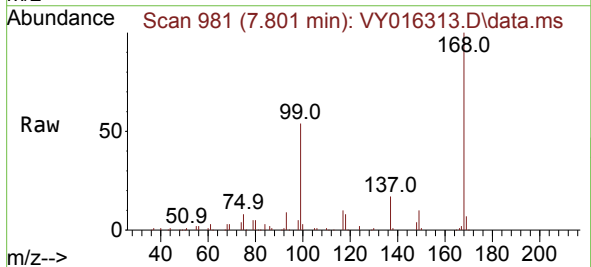
Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

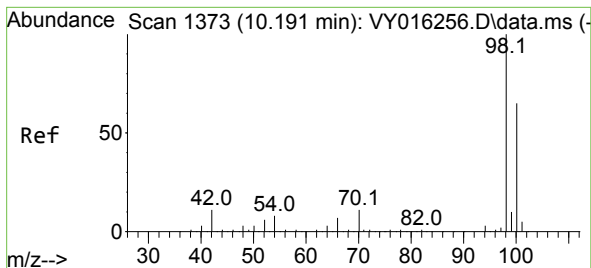
Tgt Ion:113 Resp: 54050
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.1 16.9 25.3



#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion:117 Resp: 9965
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.464 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

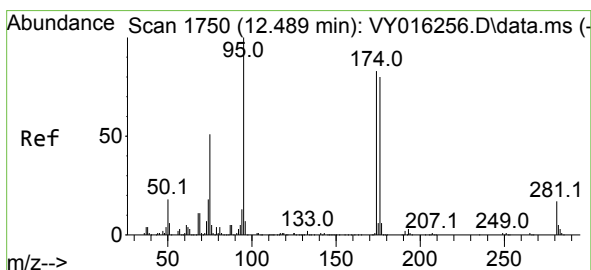
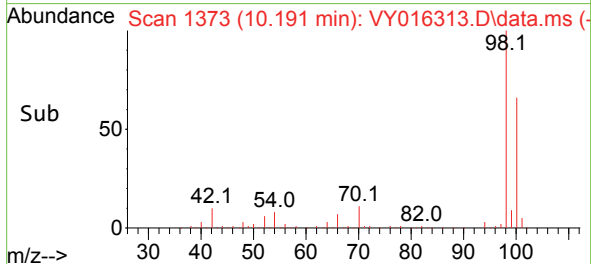
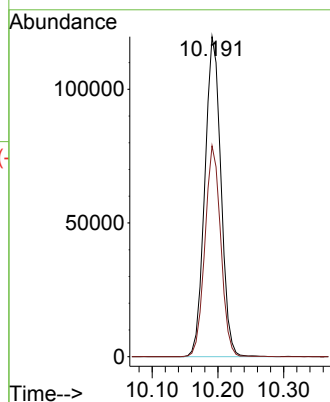
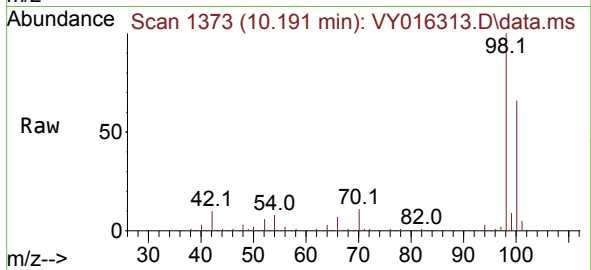
MH-3-VOC

Tgt Ion: 98 Resp: 203862

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.068 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

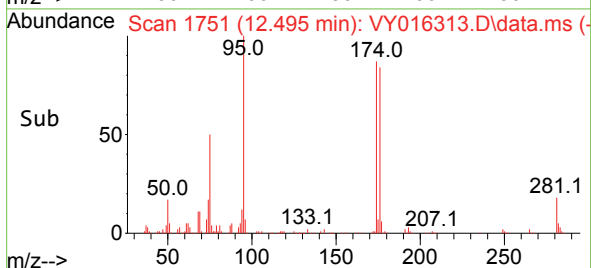
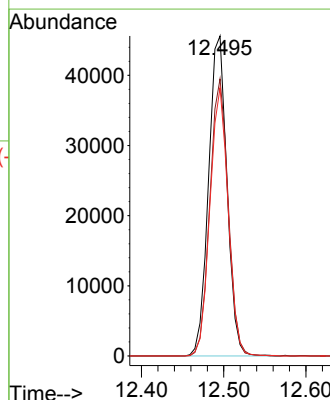
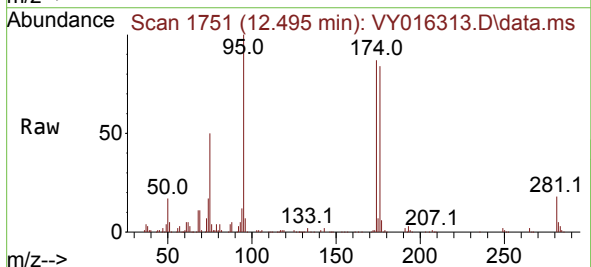
Tgt Ion: 95 Resp: 70848

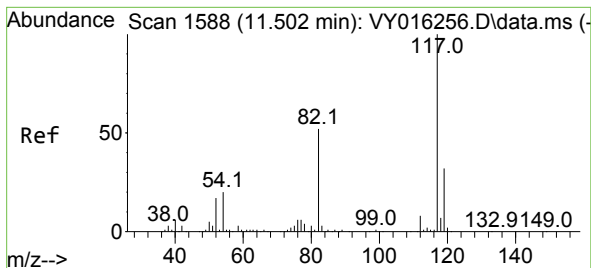
Ion Ratio Lower Upper

95 100

174 86.7 0.0 178.2

176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

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MSVOA_Y

ClientSampleId :

MH-3-VOC

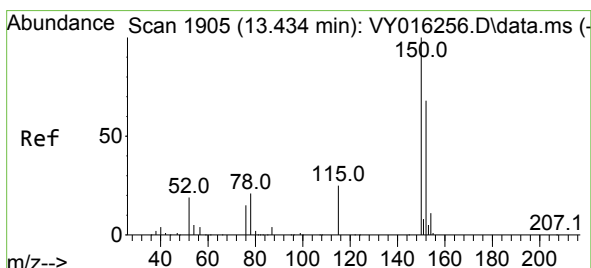
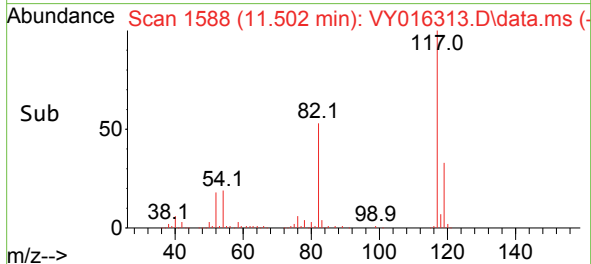
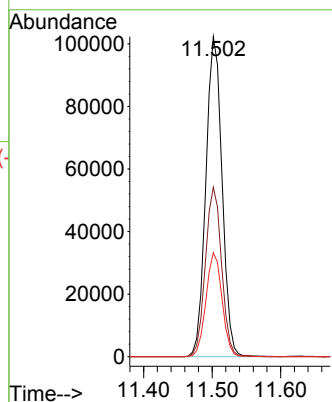
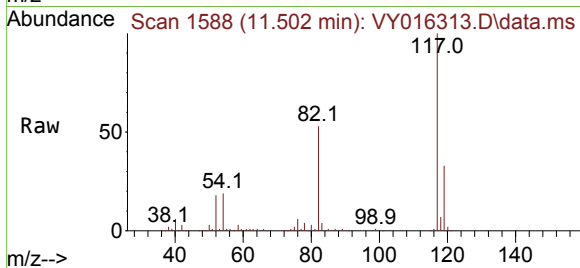
Tgt Ion:117 Resp: 168532

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

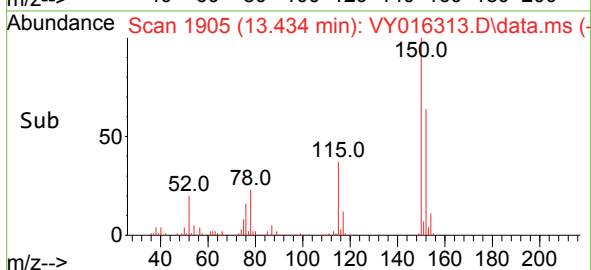
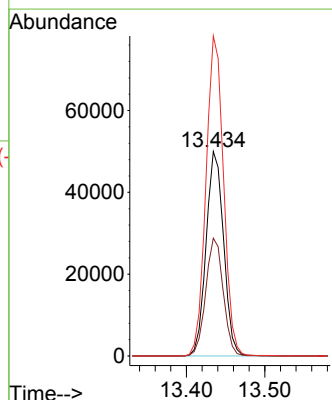
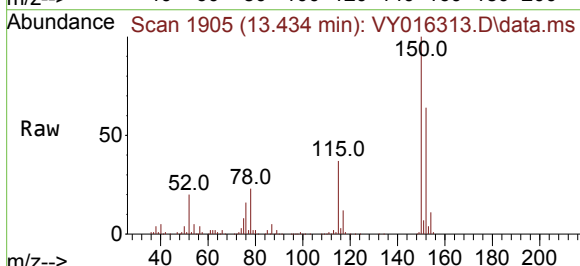
Tgt Ion:152 Resp: 77498

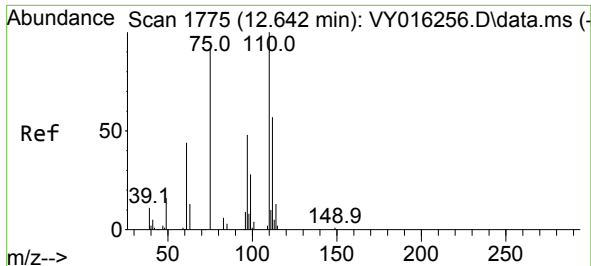
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.7 0.0 348.8

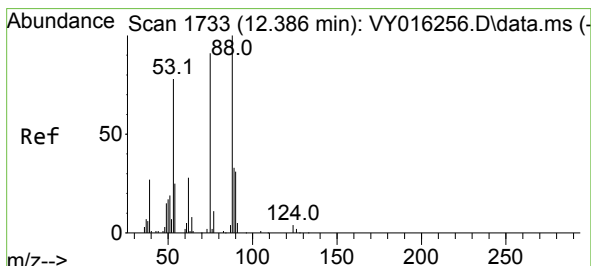
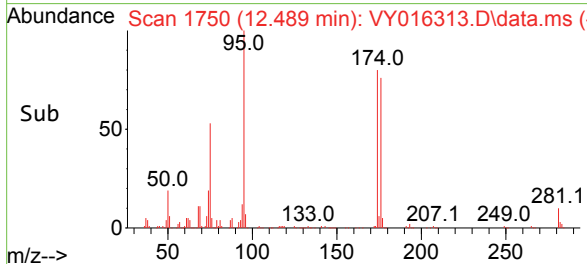
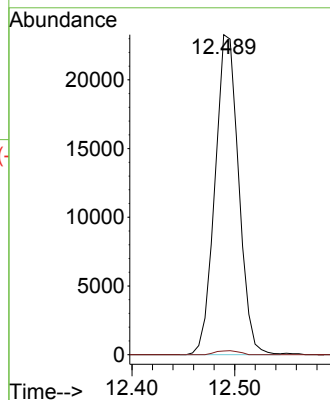
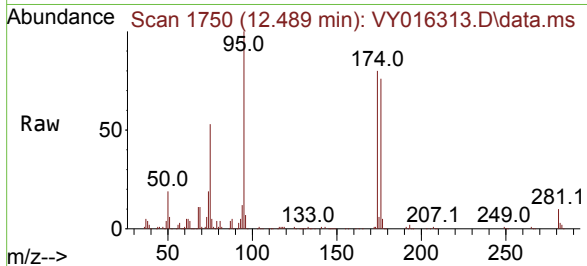




#76
1,2,3-Trichloropropane
Concen: 49.994 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

Tgt Ion: 75 Resp: 37167
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.516 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion: 75 Resp: 37167
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

