

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021339.D
 Acq On : 26 Feb 2025 18:11
 Operator : SY/MD
 Sample : Q1420-07
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-WC-VOC

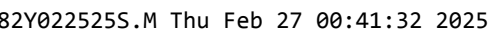
Quant Time: Feb 27 00:41:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

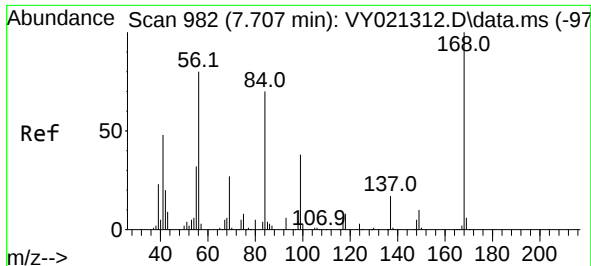
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	290449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	595504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	633778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	284728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193556	58.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.480%			
35) Dibromofluoromethane	7.634	113	197043	50.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.109	98	753598	49.945	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.407	95	298354	58.755	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.500%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.835	59	1138	4.490	ug/l #	72
16) Acetone	3.872	43	6848	10.835	ug/l	92
20) Methylene Chloride	4.622	84	3563	1.042	ug/l	94
25) 2-Butanone	6.896	43	2057	2.156	ug/l #	79
29) Tetrahydrofuran	7.280	42	674	1.081	ug/l #	68
31) Cyclohexane	7.707	56	6959	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23593	4.023	ug/l #	51
38) Carbon Tetrachloride	7.707	117	30101	4.566	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	165474	58.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	165474	129.050	ug/l #	10

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

Quant Time: Feb 27 00:41:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
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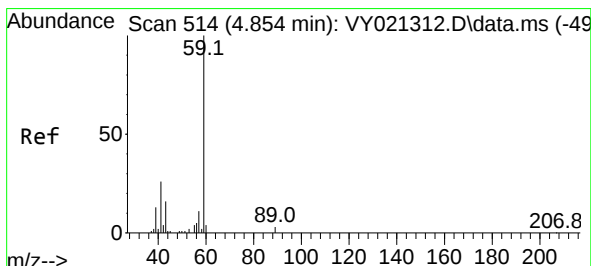
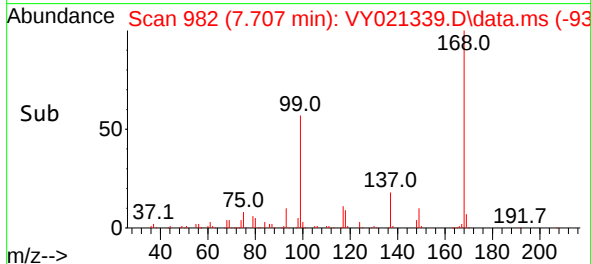
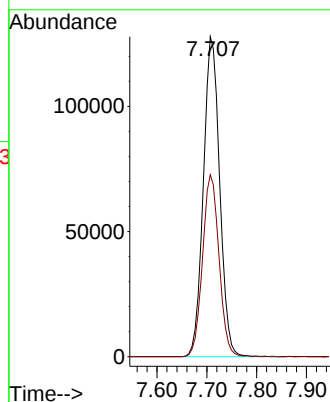
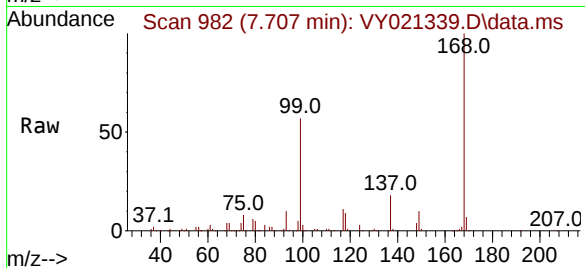




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

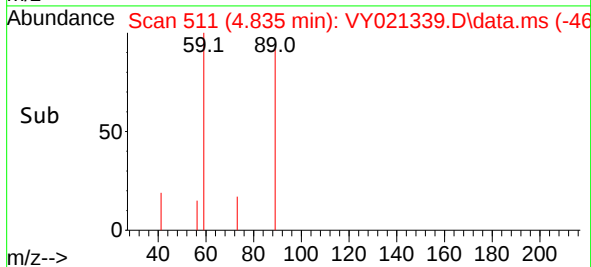
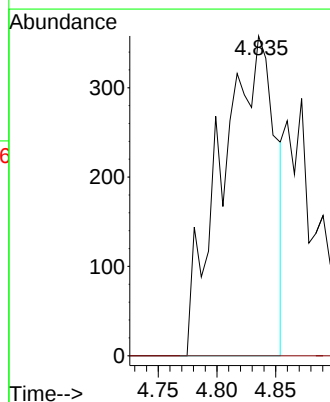
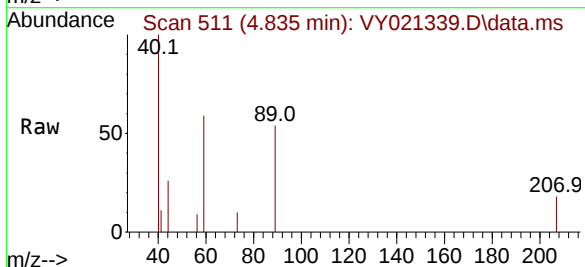
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

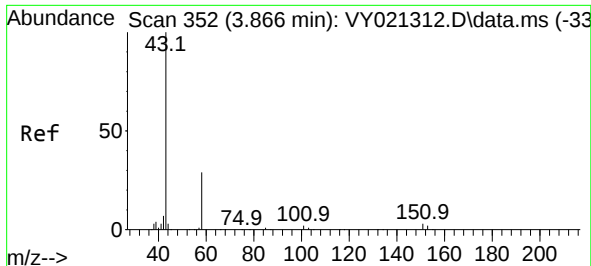
Tgt Ion:168 Resp: 290449
Ion Ratio Lower Upper
168 100
99 56.9 47.1 70.7



#11
Tert butyl alcohol
Concen: 4.490 ug/l
RT: 4.835 min Scan# 511
Delta R.T. -0.019 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

Tgt Ion: 59 Resp: 1138
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 10.835 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

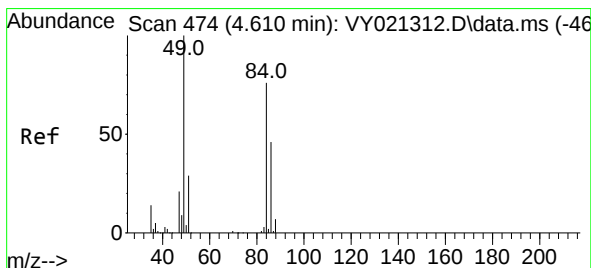
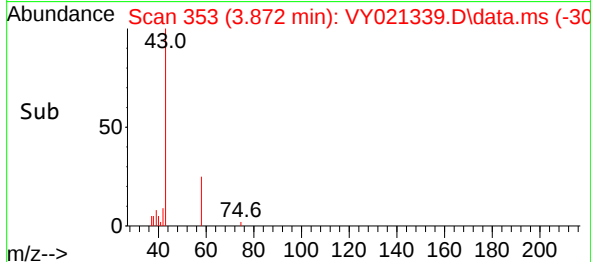
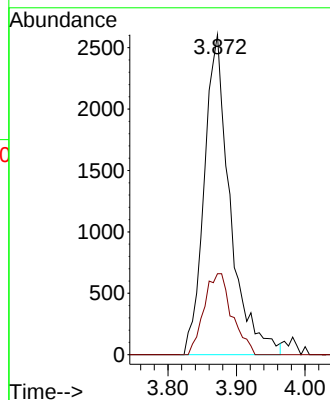
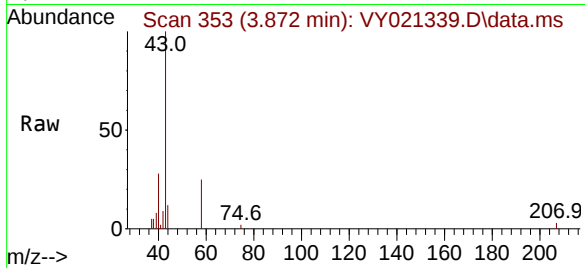
TP-2-WC-VOC

Tgt Ion: 43 Resp: 6848

Ion Ratio Lower Upper

43 100

58 25.3 23.5 35.3



#20

Methylene Chloride

Concen: 1.042 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Tgt Ion: 84 Resp: 3563

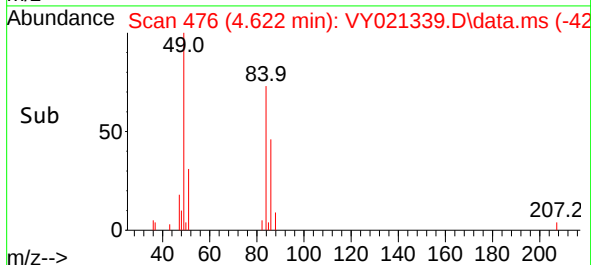
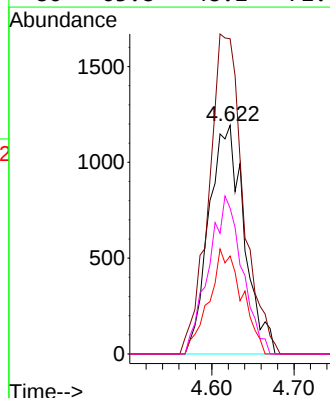
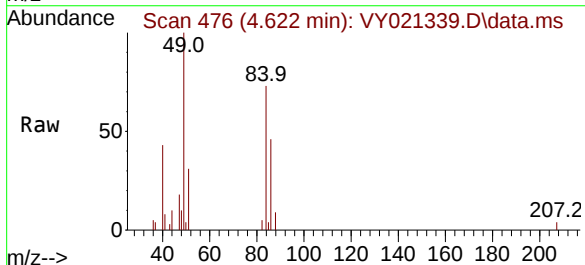
Ion Ratio Lower Upper

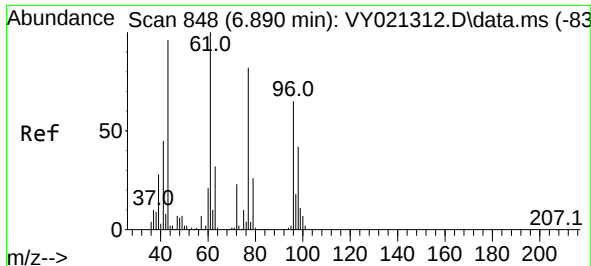
84 100

49 137.9 105.1 157.7

51 42.8 31.0 46.4

86 63.8 48.2 72.4





#25

2-Butanone

Concen: 2.156 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

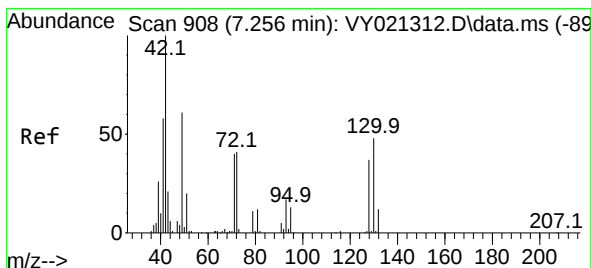
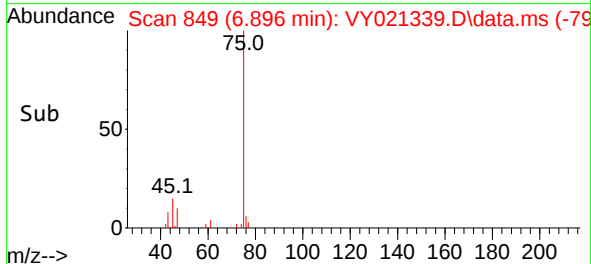
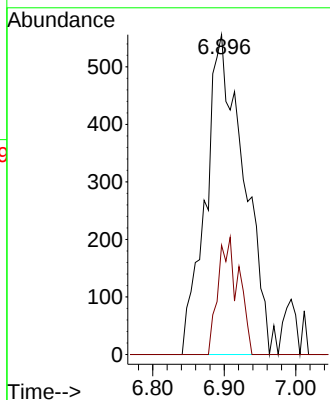
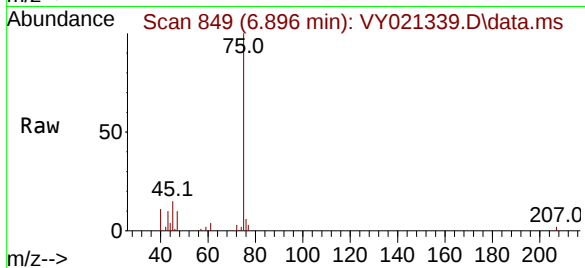
TP-2-WC-VOC

Tgt Ion: 43 Resp: 2057

Ion Ratio Lower Upper

43 100

72 34.2 19.0 28.6#



#29

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.024 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

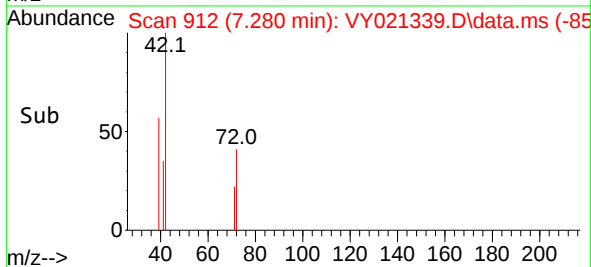
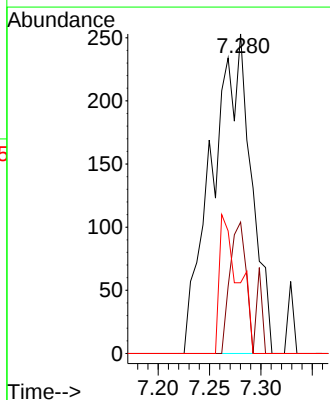
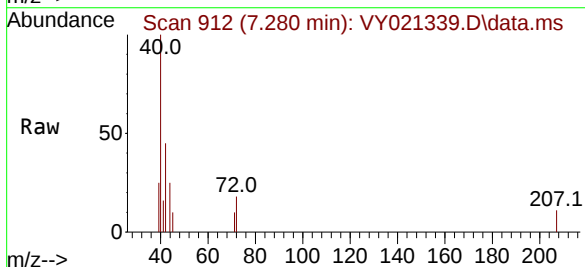
Tgt Ion: 42 Resp: 674

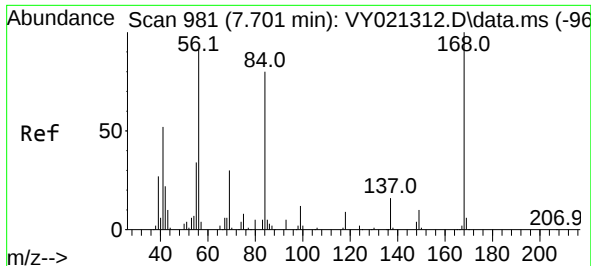
Ion Ratio Lower Upper

42 100

72 20.6 33.1 49.7#

71 20.8 31.4 47.0#

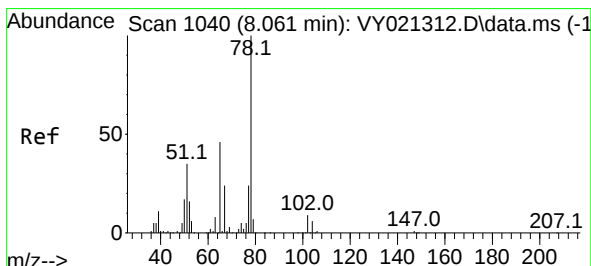
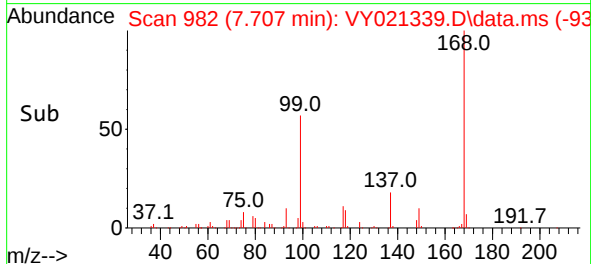
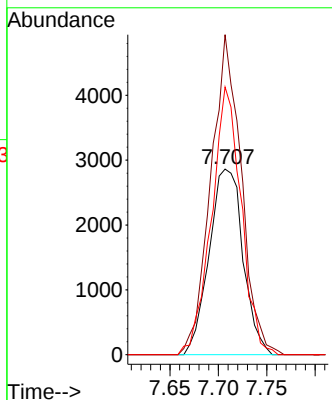
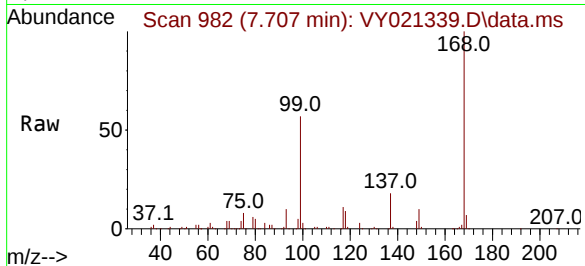




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

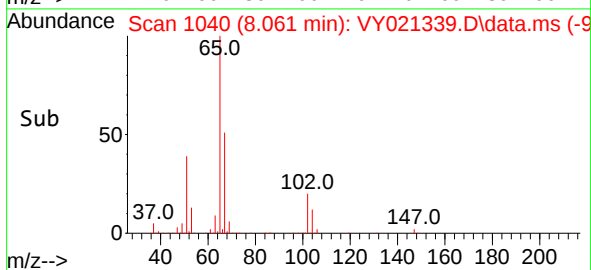
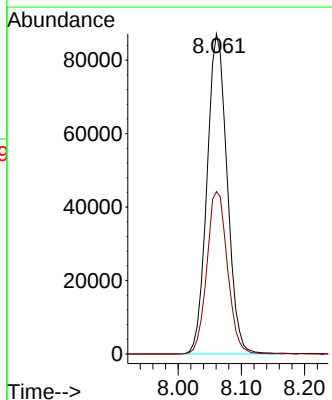
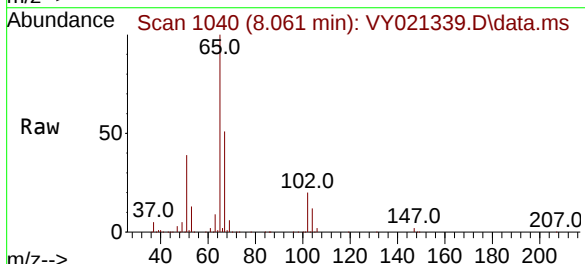
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

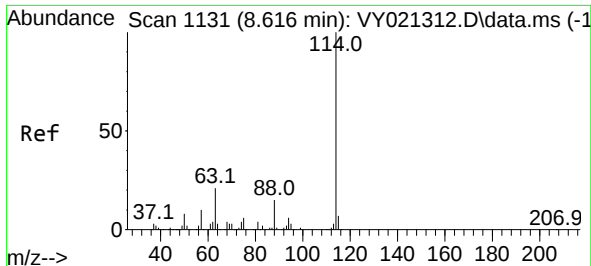
Tgt Ion: 56 Resp: 6959
Ion Ratio Lower Upper
56 100
69 172.3 26.2 39.4#
84 144.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 58.744 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

Tgt Ion: 65 Resp: 193556
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.6

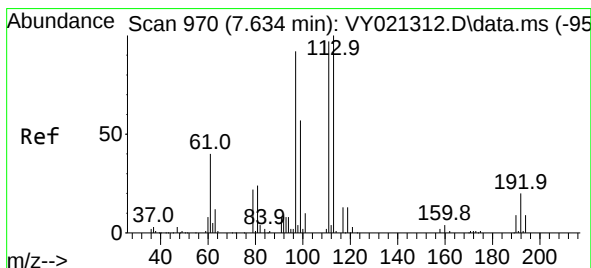
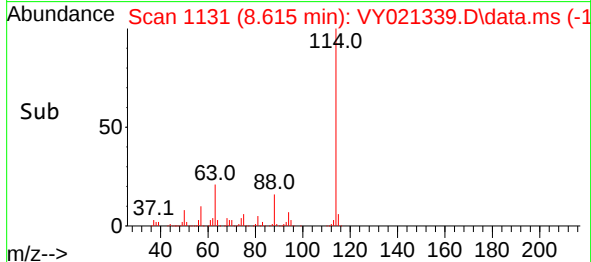
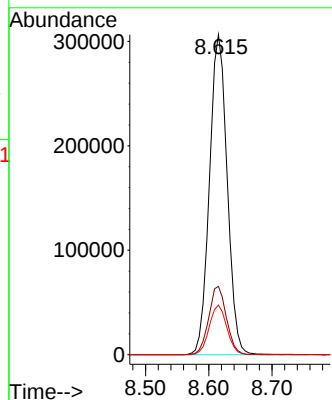
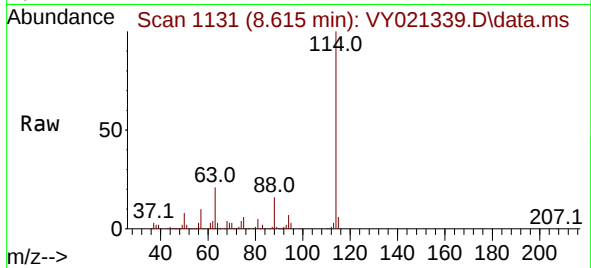




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

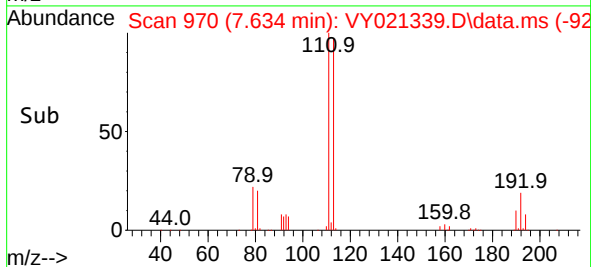
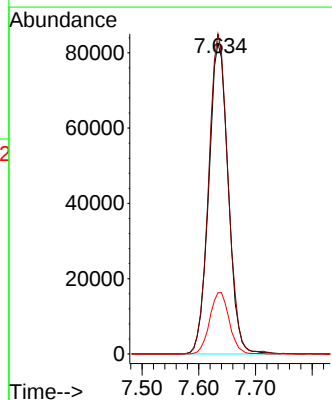
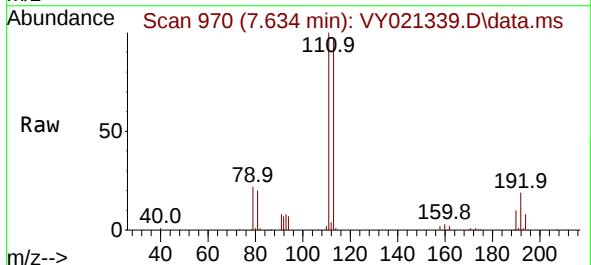
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

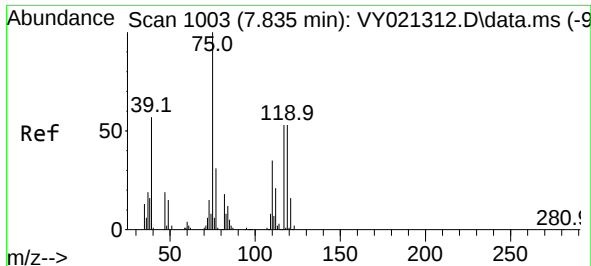
Tgt Ion:114 Resp: 595504
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

Tgt Ion:113 Resp: 197043
Ion Ratio Lower Upper
113 100
111 103.1 81.0 121.6
192 19.8 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.023 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-WC-VOC

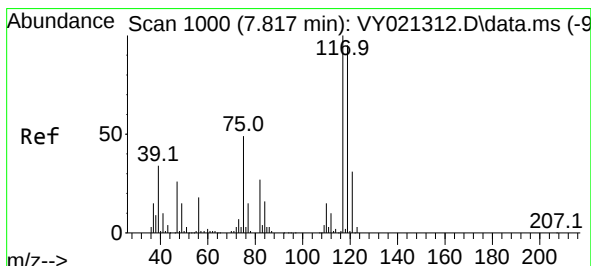
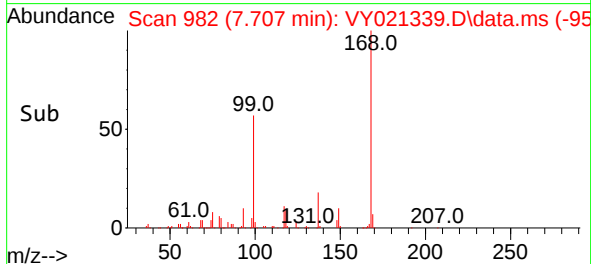
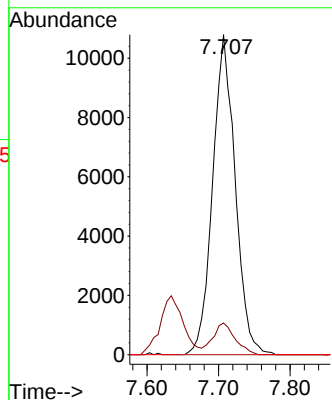
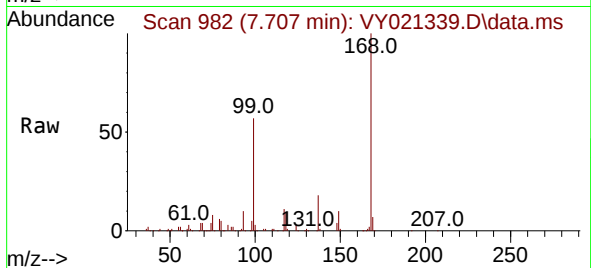
Tgt Ion: 75 Resp: 23593

Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.566 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

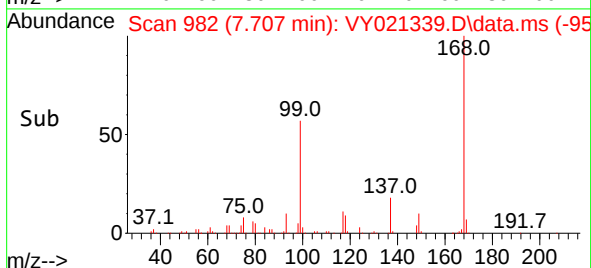
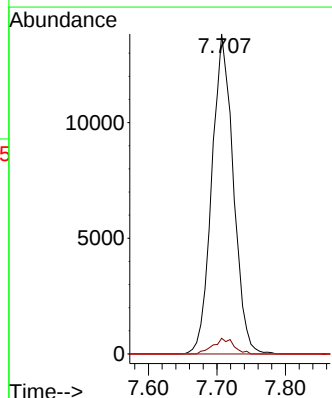
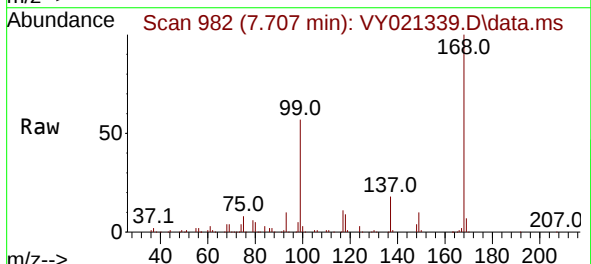
Tgt Ion: 117 Resp: 30101

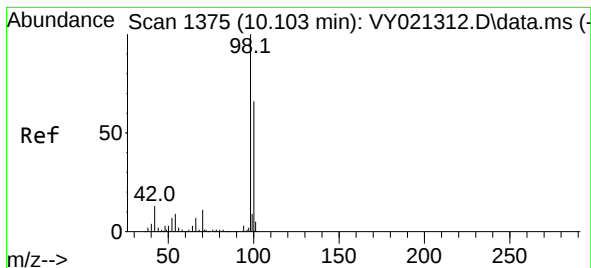
Ion Ratio Lower Upper

117 100

119 4.9 76.0 114.0#

121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 49.945 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

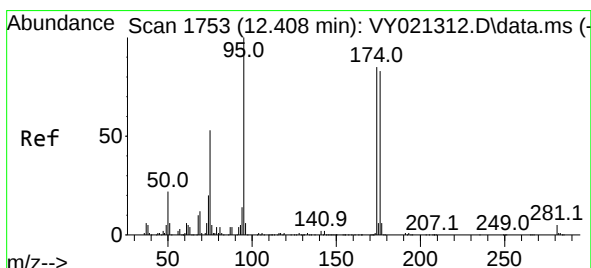
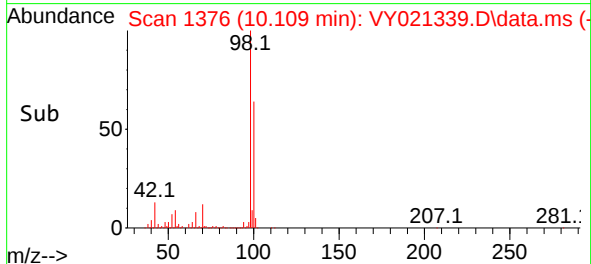
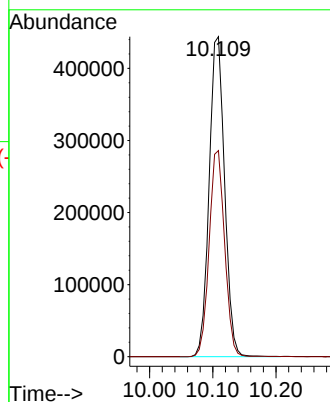
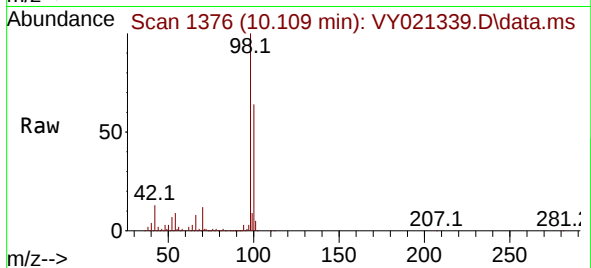
TP-2-WC-VOC

Tgt Ion: 98 Resp: 753598

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 58.755 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

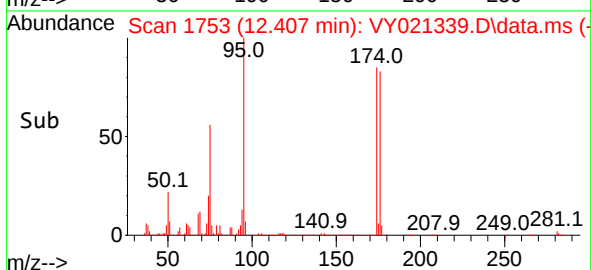
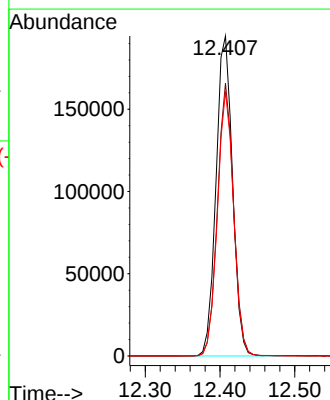
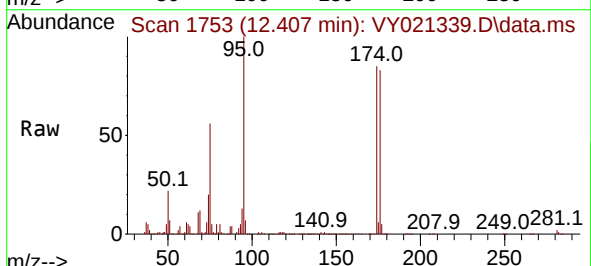
Tgt Ion: 95 Resp: 298354

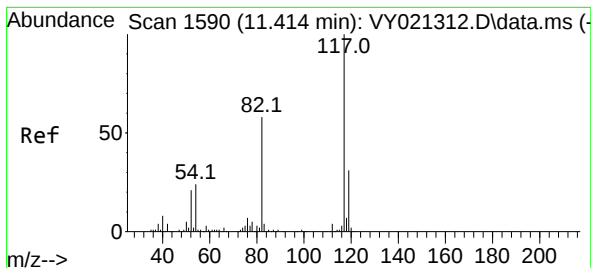
Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.0

176 81.2 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-WC-VOC

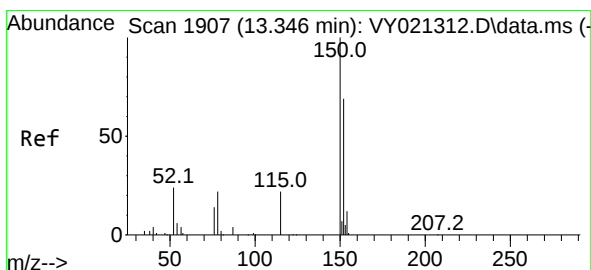
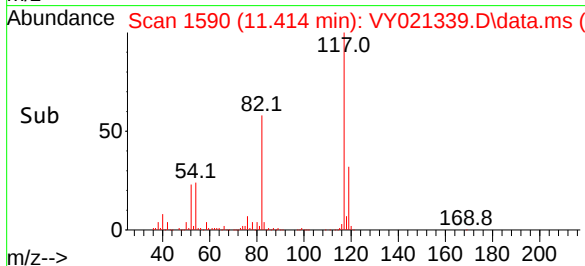
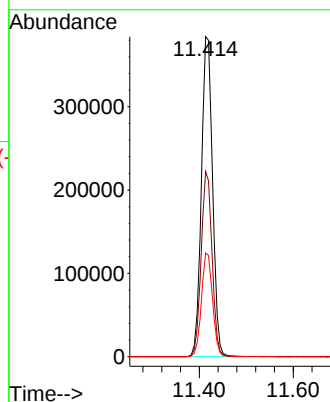
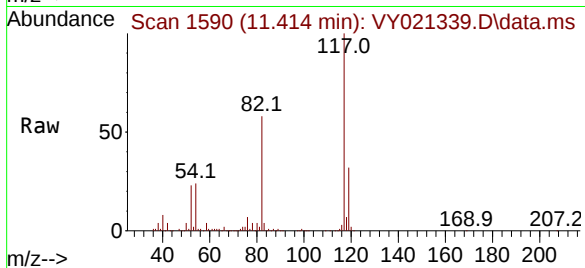
Tgt Ion:117 Resp: 633778

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 32.4 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021339.D

Acq: 26 Feb 2025 18:11

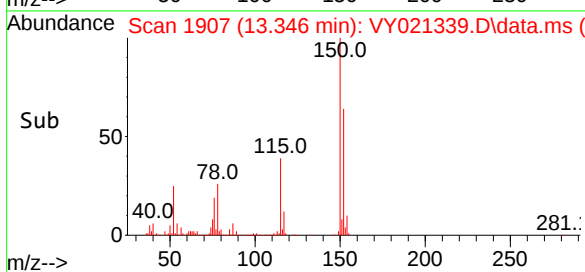
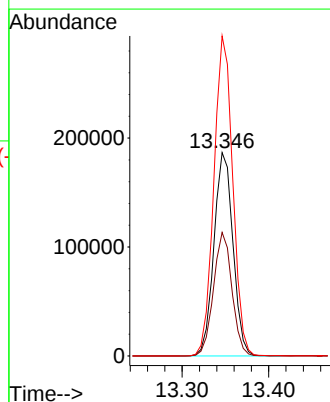
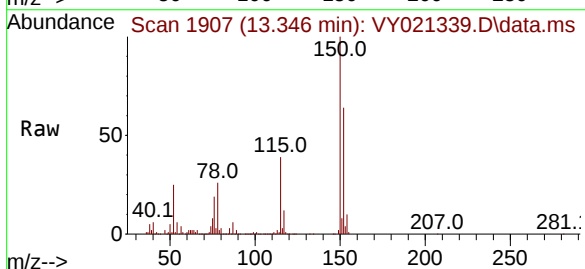
Tgt Ion:152 Resp: 284728

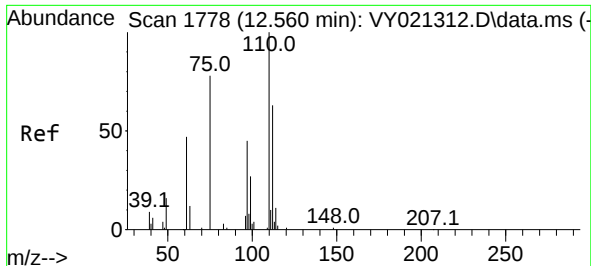
Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

150 155.9 0.0 347.4

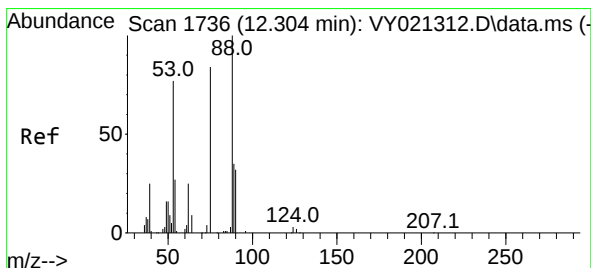
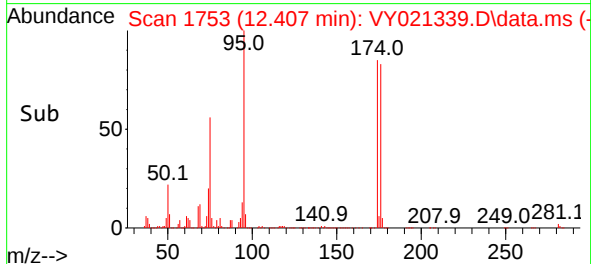
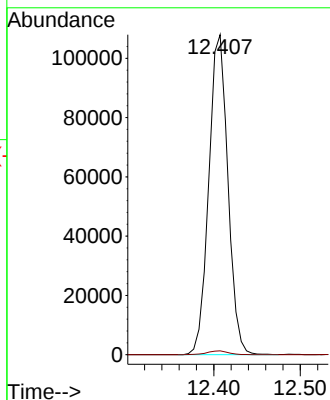
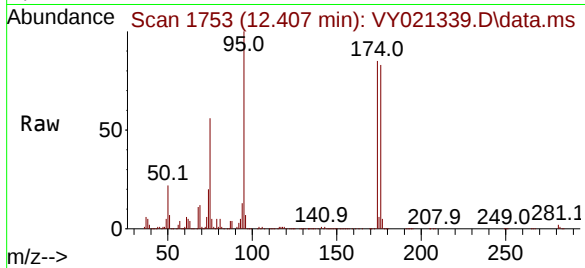




#76
1,2,3-Trichloropropane
Concen: 58.061 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

Tgt Ion: 75 Resp: 165474
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.050 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY021339.D
Acq: 26 Feb 2025 18:11

Tgt Ion: 75 Resp: 165474
Ion Ratio Lower Upper
75 100
53 0.4 79.1 118.7#
89 0.0 35.6 53.4#

