

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021759.D
 Acq On : 02 Apr 2025 14:55
 Operator : SY/MD
 Sample : Q1693-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 03 03:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

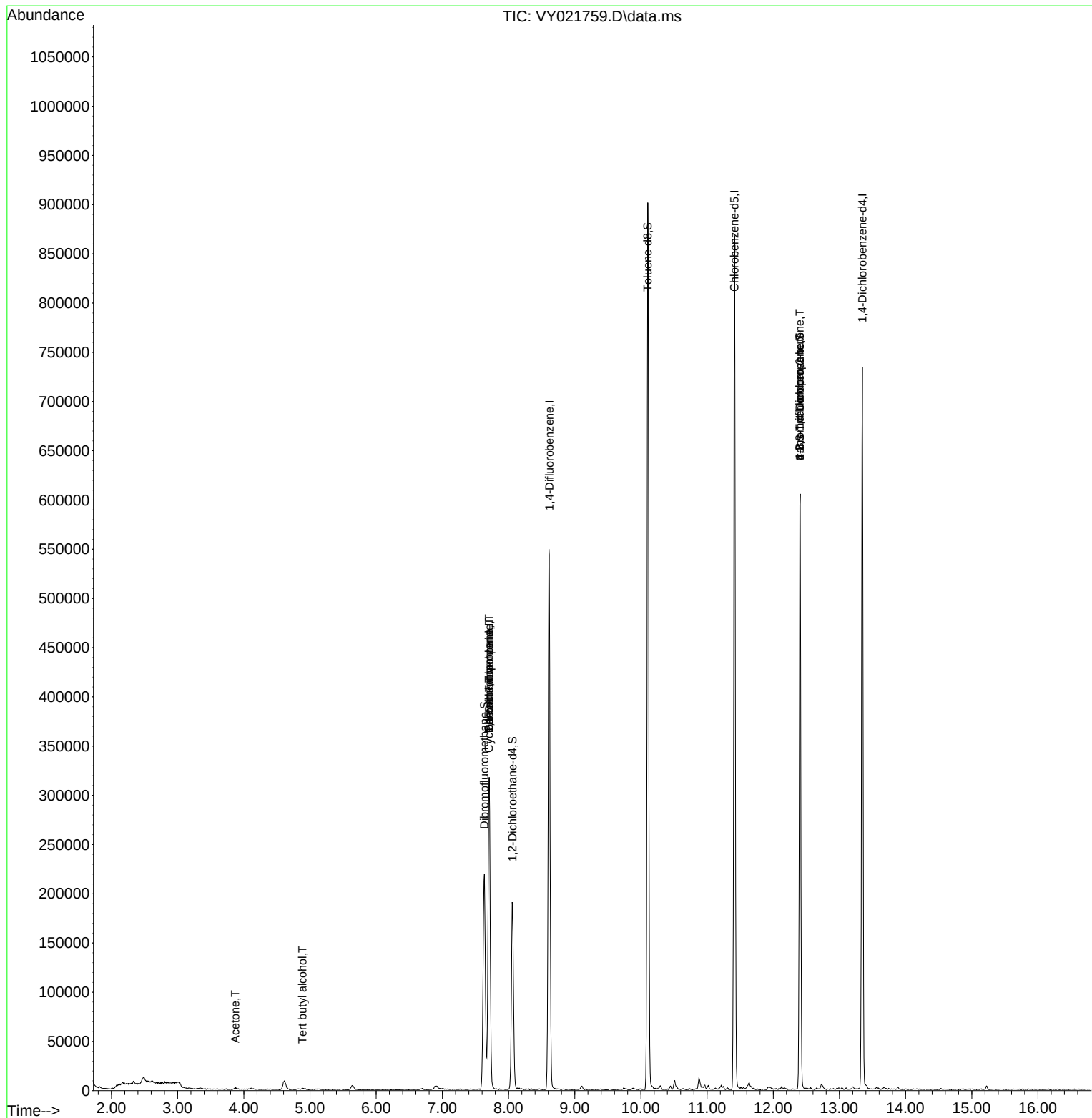
Internal Standards						
1) Pentafluorobenzene	7.707	168	236512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	458950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	435271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147162	57.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.860%	
35) Dibromofluoromethane	7.634	113	151431	50.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.103	98	569564	50.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.402	95	182943	47.754	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.885	59	211	1.268	ug/l #	70
16) Acetone	3.873	43	2492	4.752	ug/l #	89
20) Methylene Chloride	4.598	84	6392	Below Cal	#	83
31) Cyclohexane	7.701	56	5762	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	19977	4.405	ug/l #	50
38) Carbon Tetrachloride	7.707	117	24734	4.762	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	98613	55.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	98613	128.354	ug/l #	12

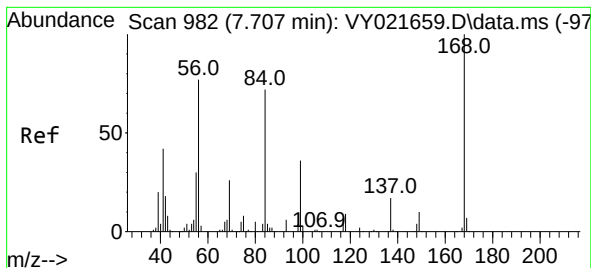
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
Data File : VY021759.D
Acq On : 02 Apr 2025 14:55
Operator : SY/MD
Sample : Q1693-07
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 03 03:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021759.D

Acq: 02 Apr 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

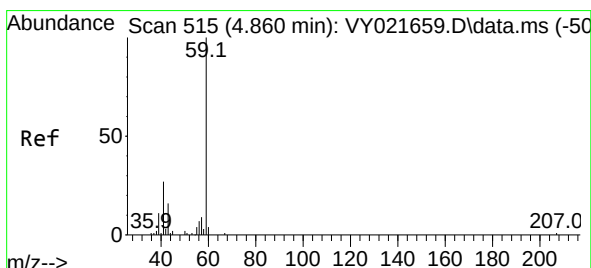
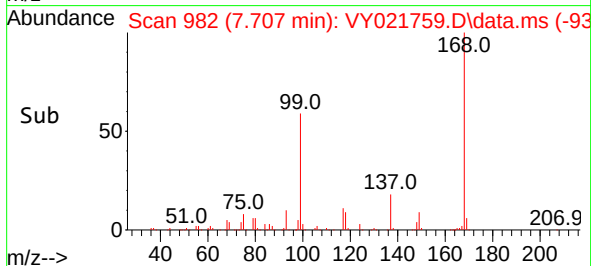
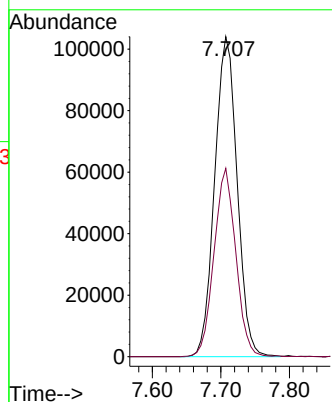
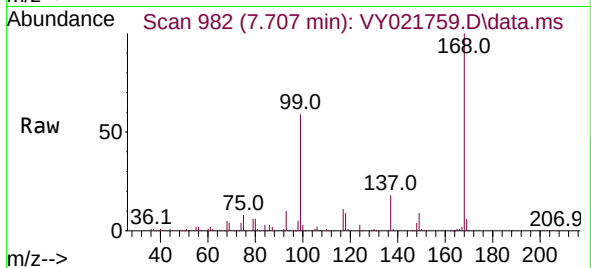
WCS-TP-2-VOC

Tgt Ion:168 Resp: 236512

Ion Ratio Lower Upper

168 100

99 58.9 46.7 70.1



#11

Tert butyl alcohol

Concen: 1.268 ug/l

RT: 4.885 min Scan# 519

Delta R.T. 0.025 min

Lab File: VY021759.D

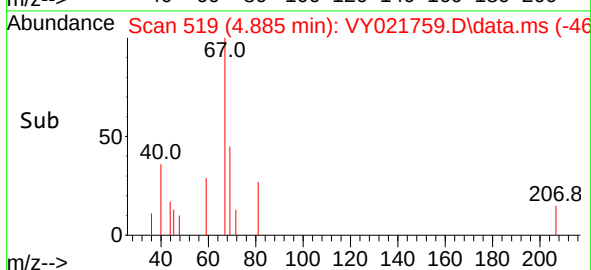
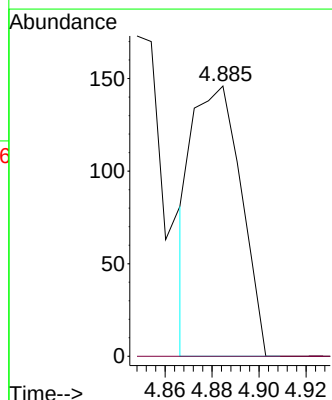
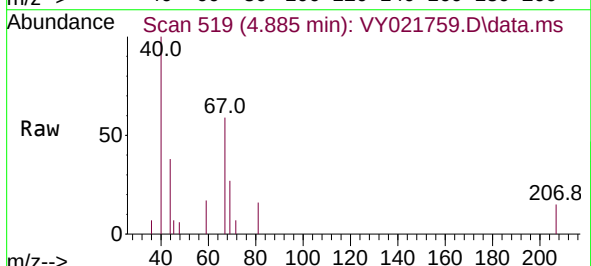
Acq: 02 Apr 2025 14:55

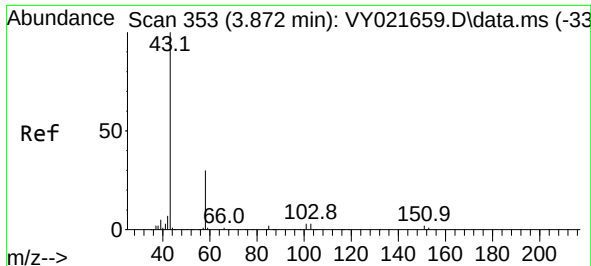
Tgt Ion: 59 Resp: 211

Ion Ratio Lower Upper

59 100

57 0.0 9.2 13.8#





#16

Acetone

Concen: 4.752 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY021759.D

Acq: 02 Apr 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

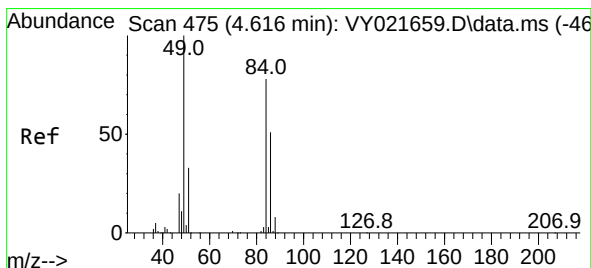
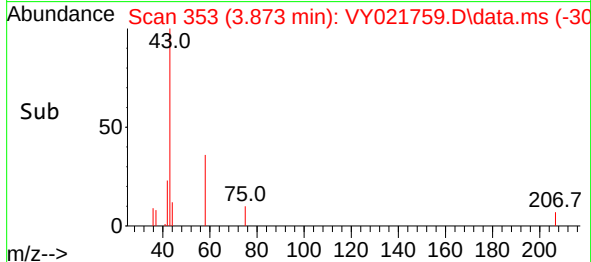
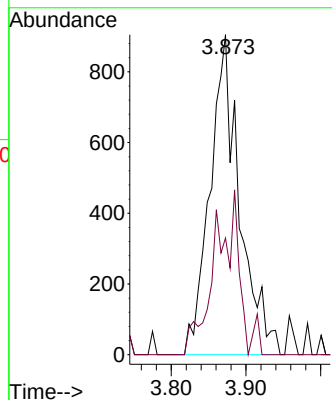
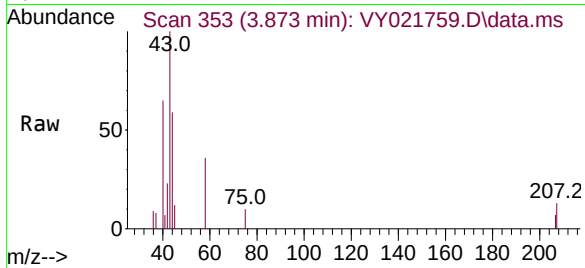
WCS-TP-2-VOC

Tgt Ion: 43 Resp: 2492

Ion Ratio Lower Upper

43 100

58 36.5 24.2 36.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY021759.D

Acq: 02 Apr 2025 14:55

Tgt Ion: 84 Resp: 6392

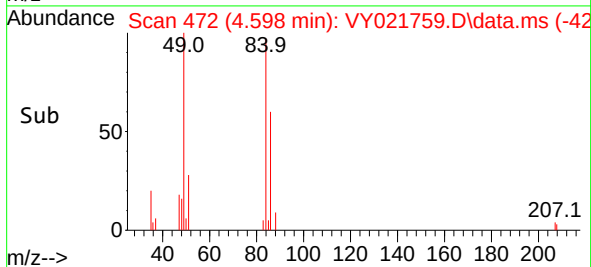
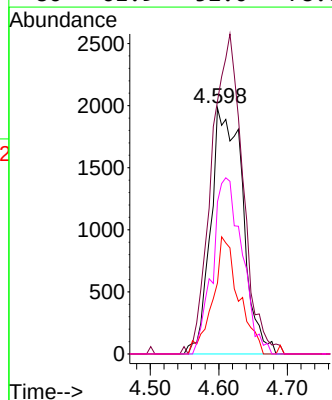
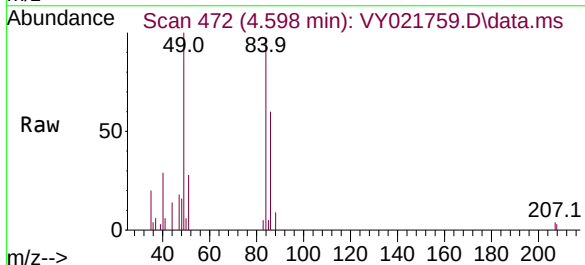
Ion Ratio Lower Upper

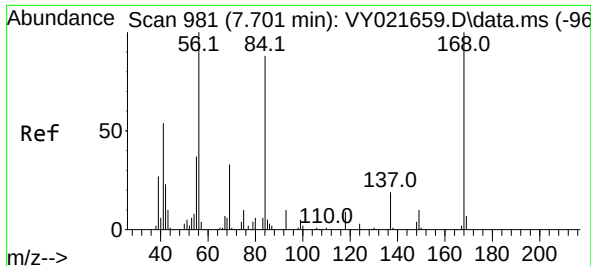
84 100

49 102.8 102.8 154.2

51 28.9 33.5 50.3#

86 61.9 52.0 78.0

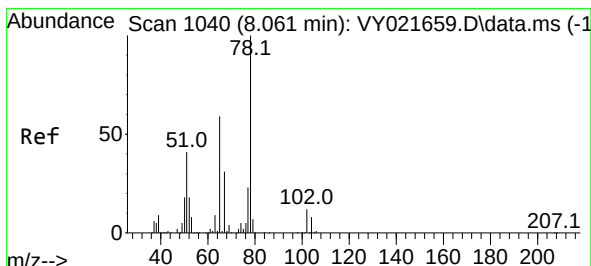
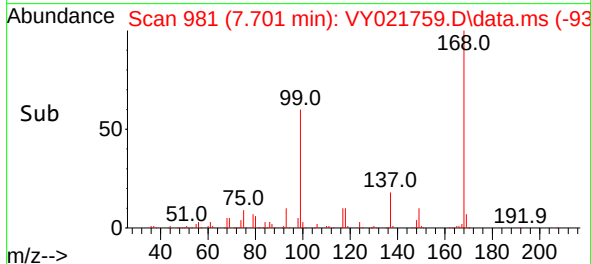
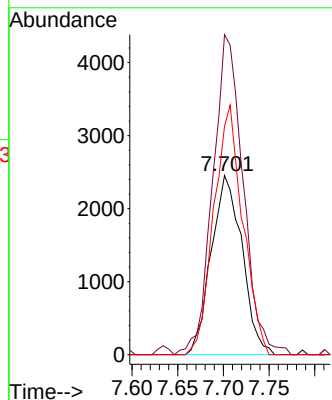
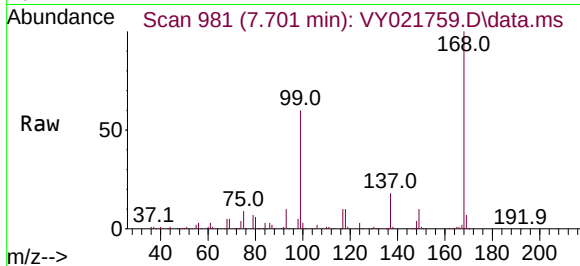




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

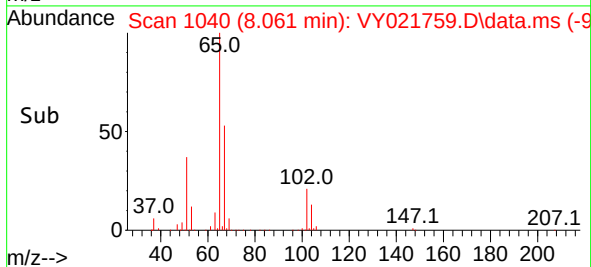
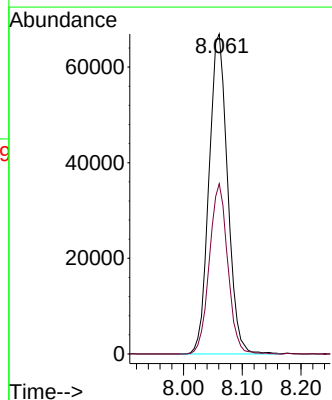
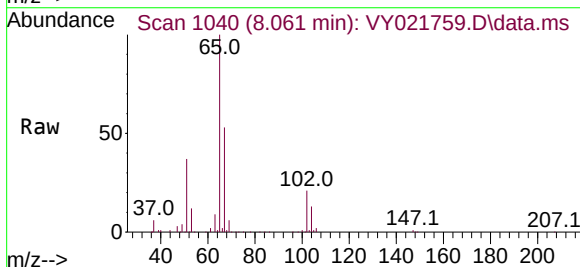
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-2-VOC

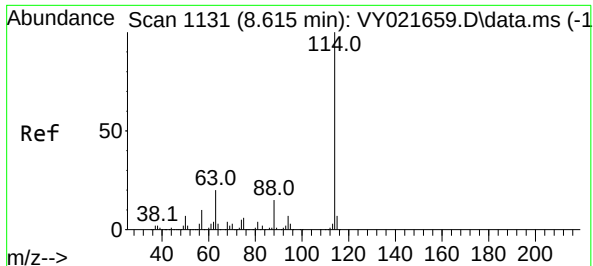
Tgt Ion: 56 Resp: 5762
Ion Ratio Lower Upper
56 100
69 176.0 26.6 40.0#
84 127.5 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 57.428 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

Tgt Ion: 65 Resp: 147162
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

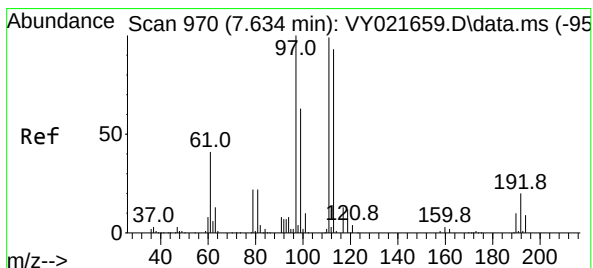
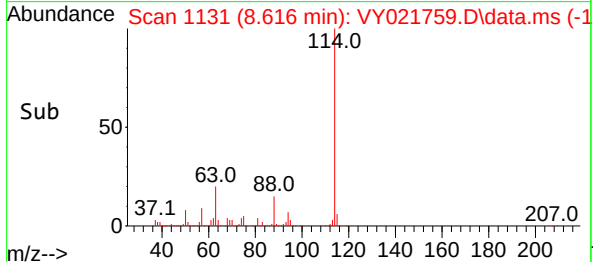
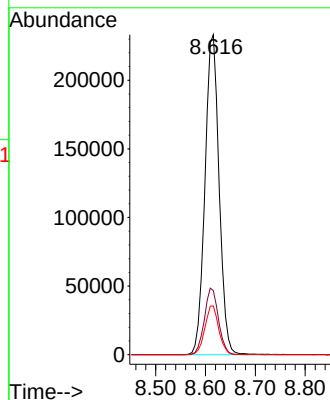
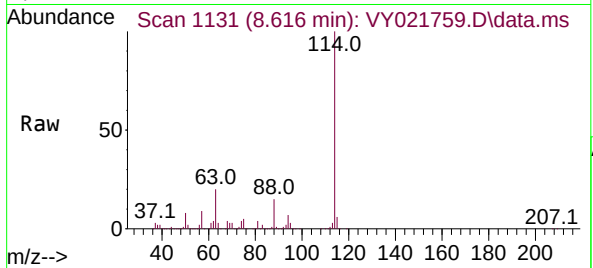




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021759.D
 Acq: 02 Apr 2025 14:55

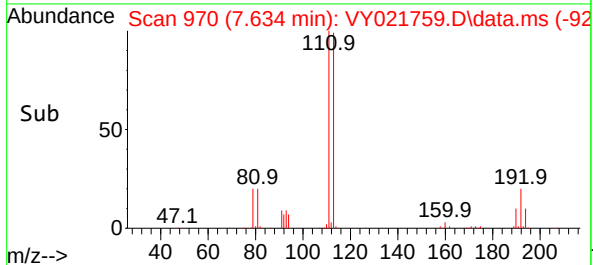
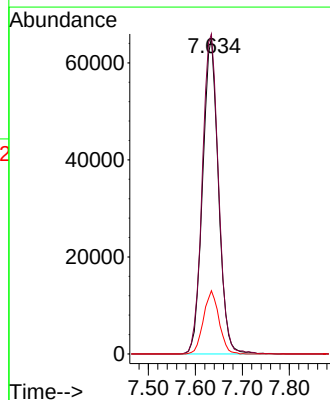
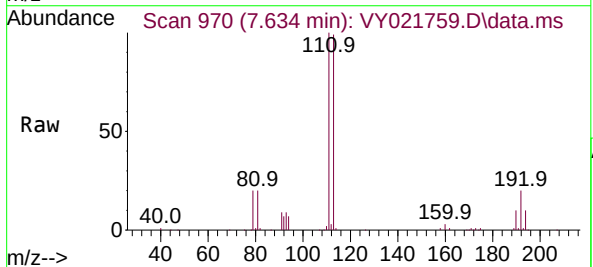
Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-2-VOC

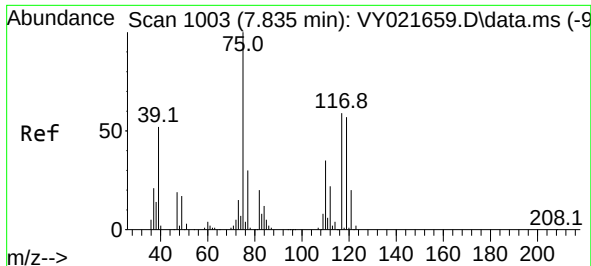
Tgt Ion:114 Resp: 458950
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.2 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 50.865 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021759.D
 Acq: 02 Apr 2025 14:55

Tgt Ion:113 Resp: 151431
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.6 123.8
 192 19.7 16.2 24.4

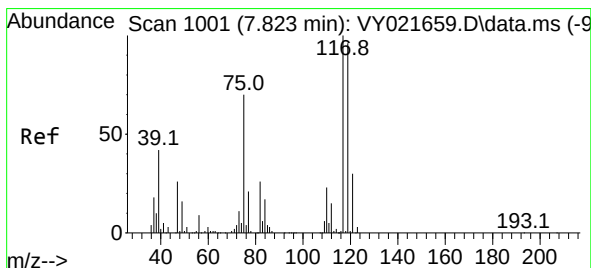
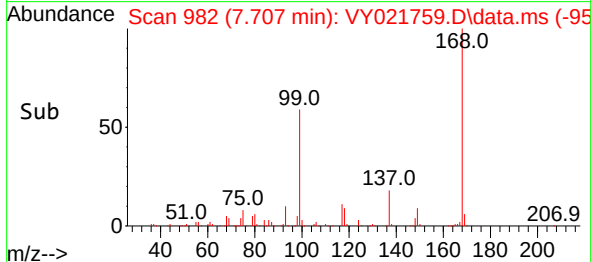
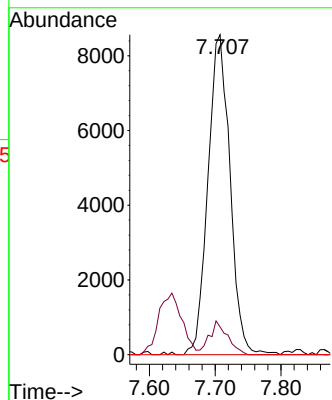
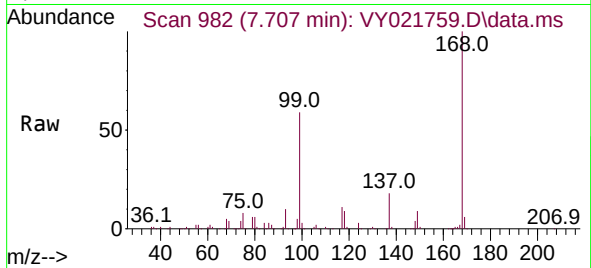




#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

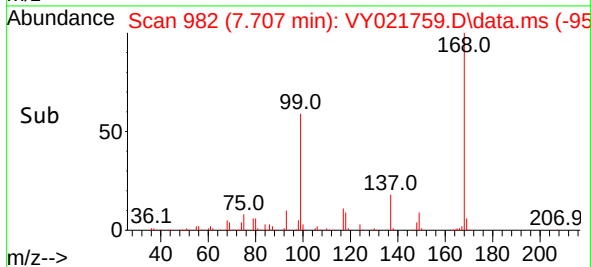
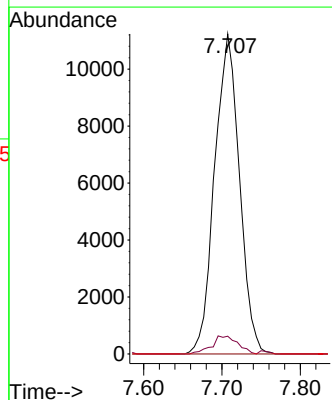
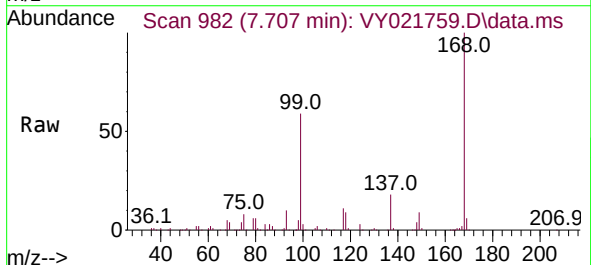
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-2-VOC

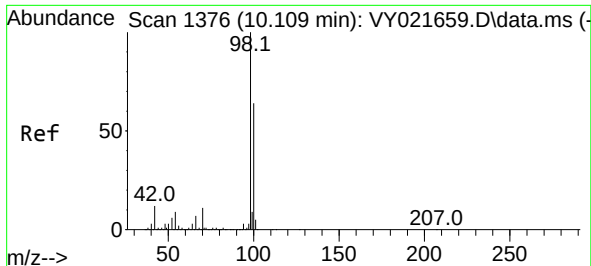
Tgt Ion: 75 Resp: 19977
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.762 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

Tgt Ion: 117 Resp: 24734
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.2 36.4#

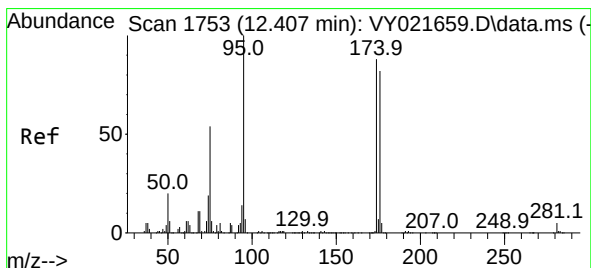
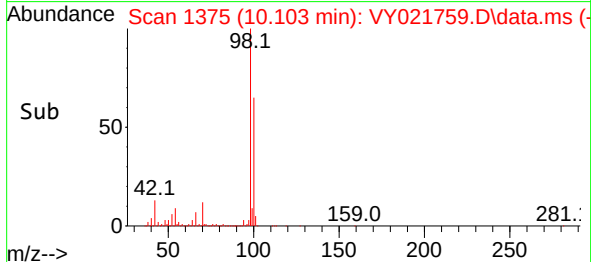
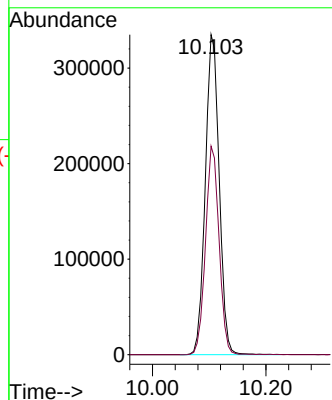
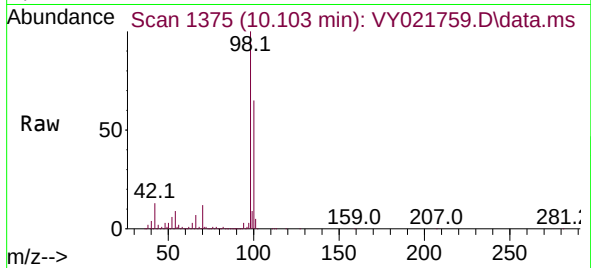




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

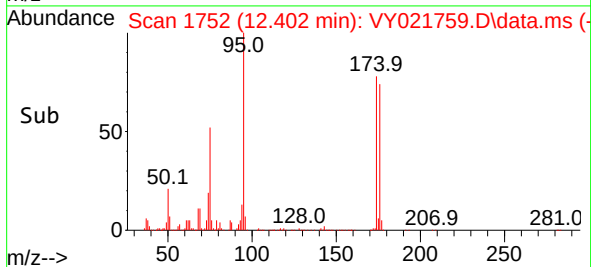
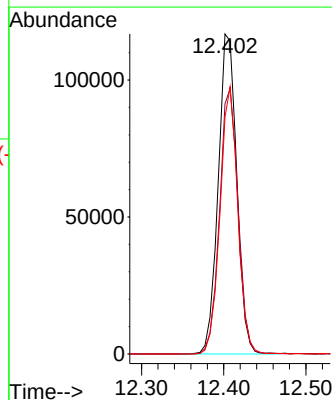
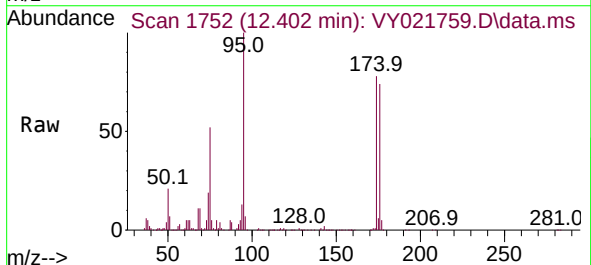
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-2-VOC

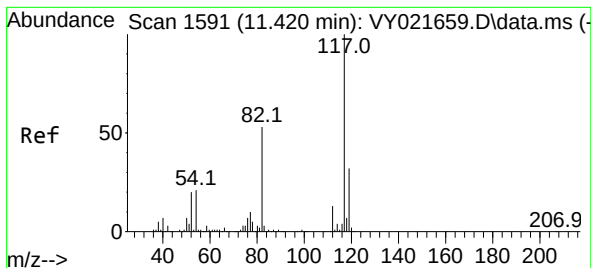
Tgt Ion: 98 Resp: 569564
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

Tgt Ion: 95 Resp: 182943
Ion Ratio Lower Upper
95 100
174 83.0 0.0 170.8
176 79.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021759.D

Acq: 02 Apr 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-2-VOC

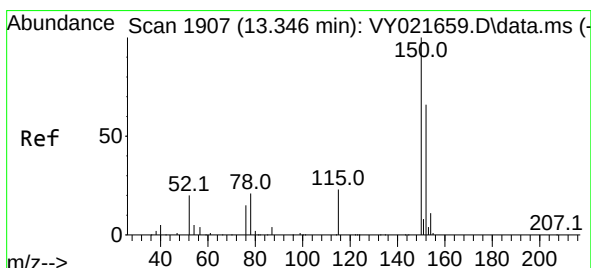
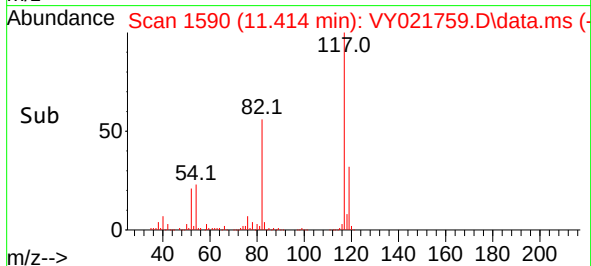
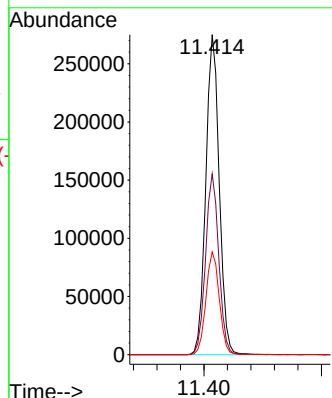
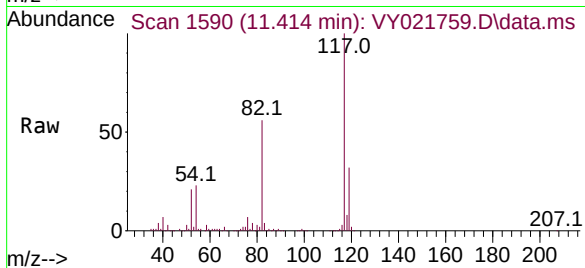
Tgt Ion:117 Resp: 435271

Ion Ratio Lower Upper

117 100

82 56.5 42.8 64.2

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021759.D

Acq: 02 Apr 2025 14:55

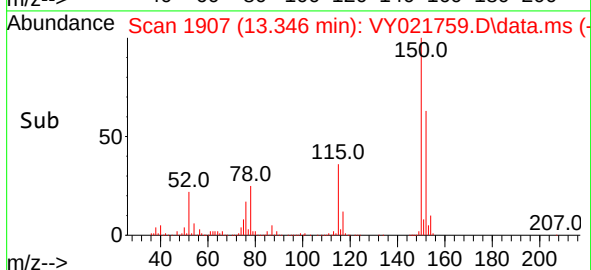
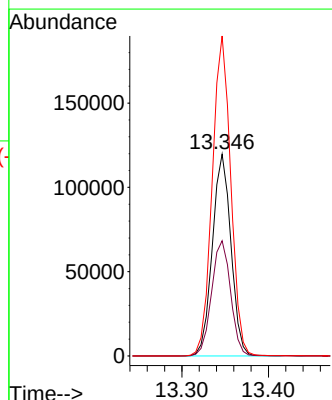
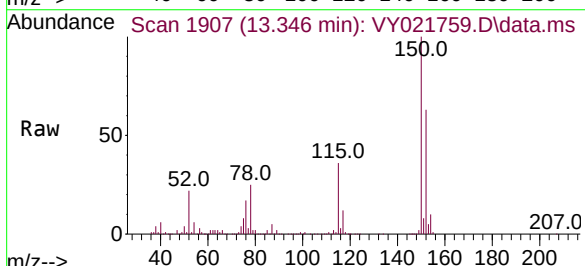
Tgt Ion:152 Resp: 178588

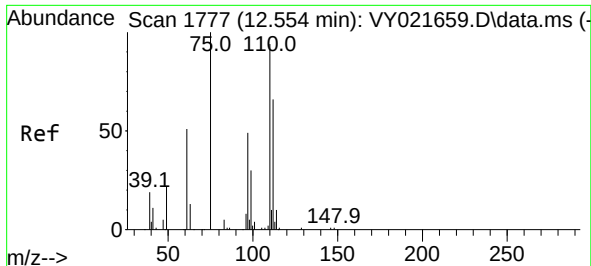
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.9 0.0 348.4

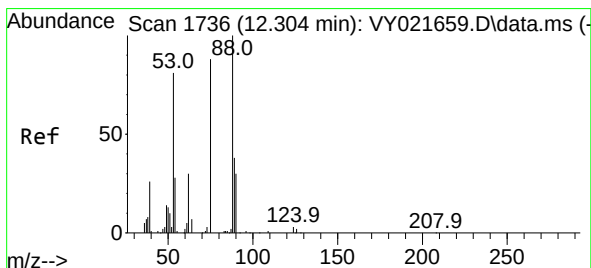
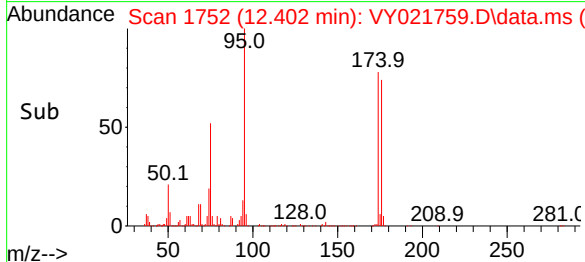
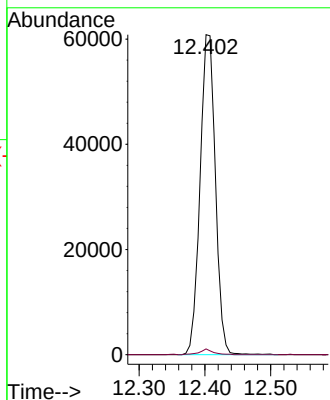
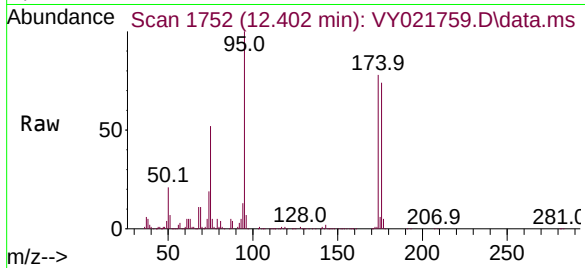




#76
1,2,3-Trichloropropane
Concen: 55.705 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

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

Tgt Ion: 75 Resp: 98613
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.354 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY021759.D
Acq: 02 Apr 2025 14:55

Tgt Ion: 75 Resp: 98613
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

