

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021651.D
 Acq On : 26 Mar 2025 16:58
 Operator : SY/MD
 Sample : Q1636-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Mar 27 01:33:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

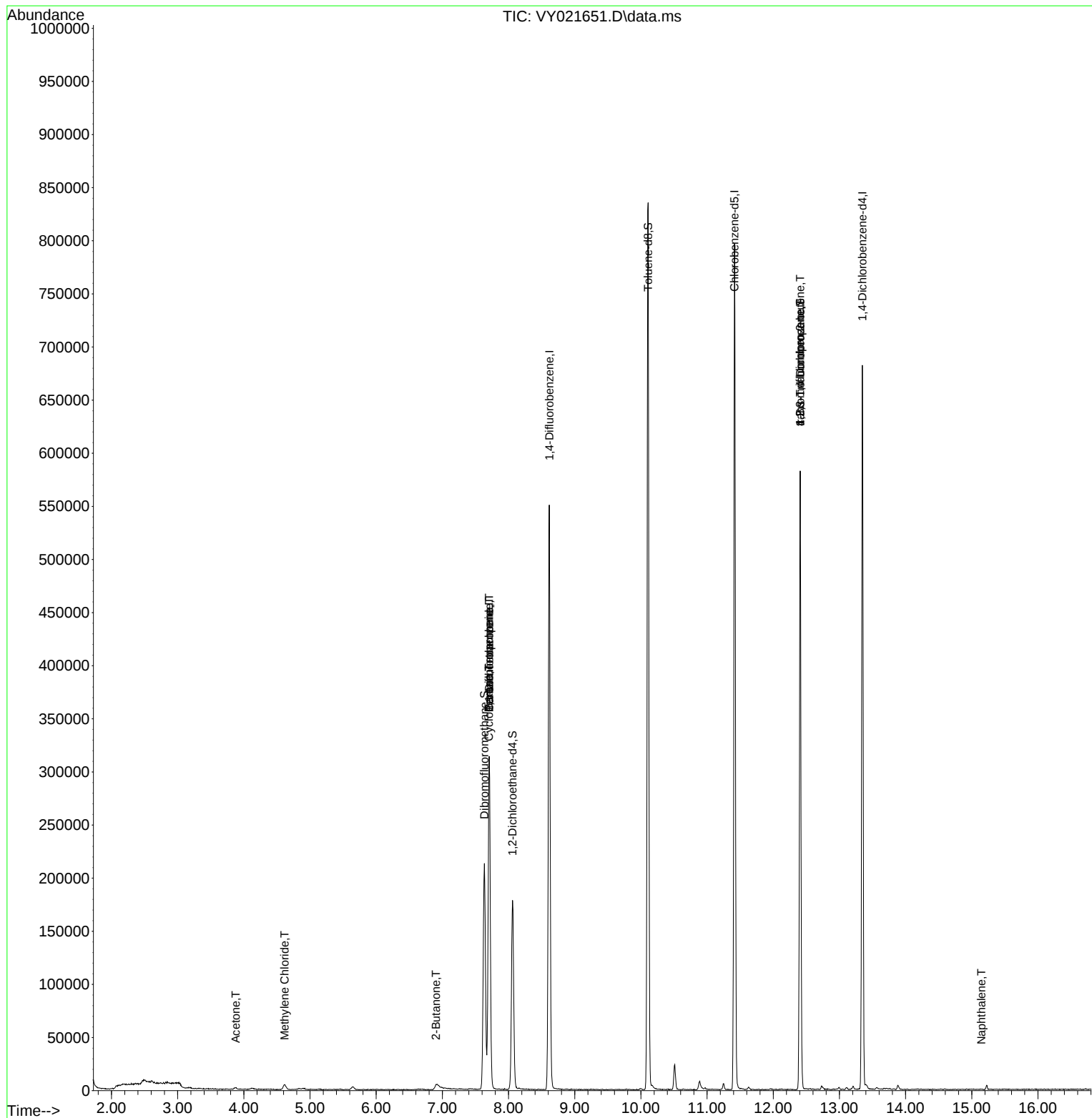
Internal Standards						
1) Pentafluorobenzene	7.707	168	236711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144738	57.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.700%
35) Dibromofluoromethane	7.634	113	150026	51.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.109	98	540196	49.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.408	95	168179	45.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.830	59	1031	Below Cal	#	72
16) Acetone	3.879	43	2638	4.834	ug/l	98
20) Methylene Chloride	4.616	84	3152	1.100	ug/l	87
25) 2-Butanone	6.902	43	886	1.174	ug/l	# 76
31) Cyclohexane	7.701	56	5486	1.171	ug/l	# 9
36) 1,1-Dichloropropene	7.707	75	19453	4.299	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	24257	4.661	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	91829	55.861	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	91829	126.990	ug/l	# 9
95) Naphthalene	15.145	128	336	1.525	ug/l	# 87

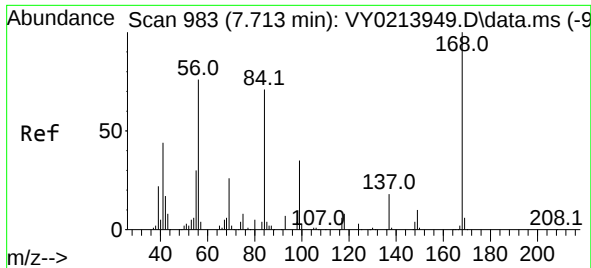
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
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Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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WC-1-VOC

Quant Time: Mar 27 01:33:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

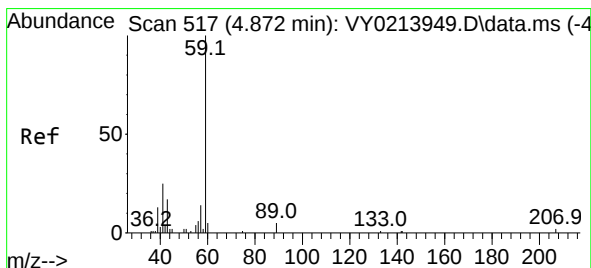
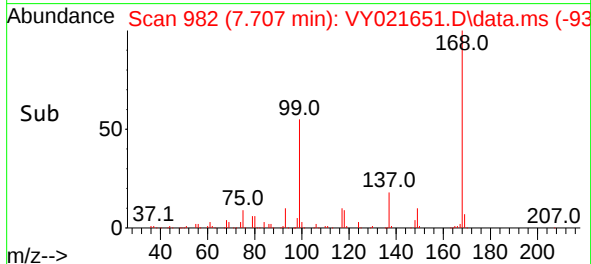
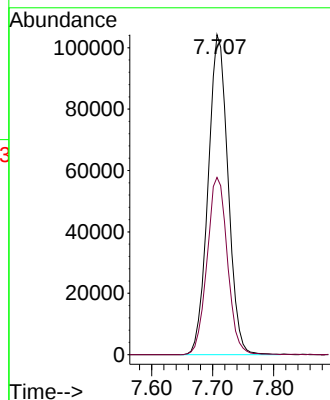
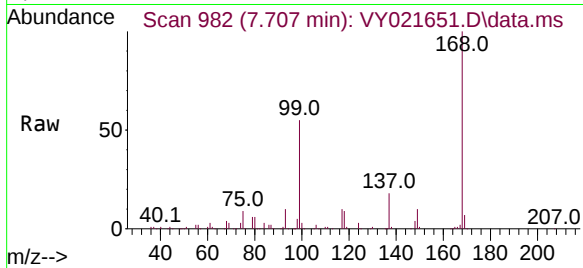




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

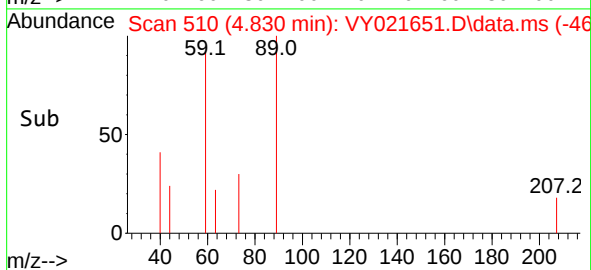
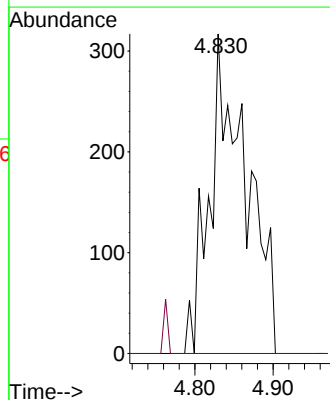
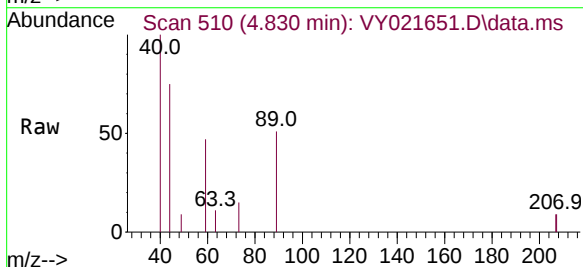
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

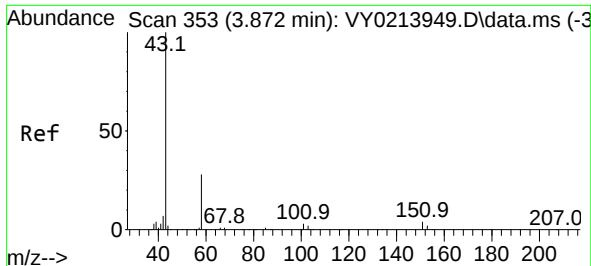
Tgt Ion:168 Resp: 236711
Ion Ratio Lower Upper
168 100
99 55.4 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 59 Resp: 1031
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

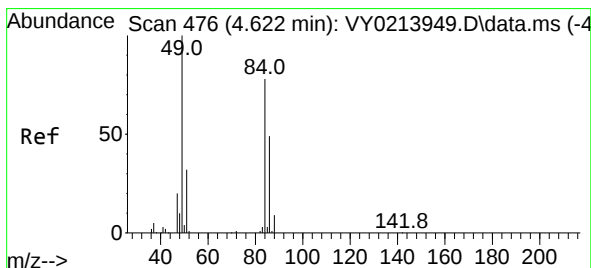
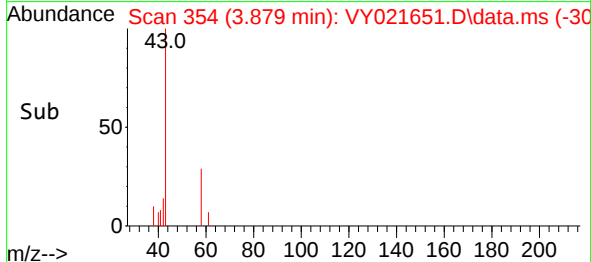
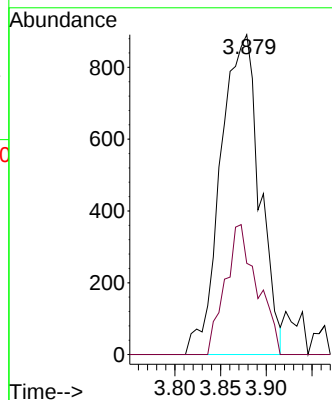
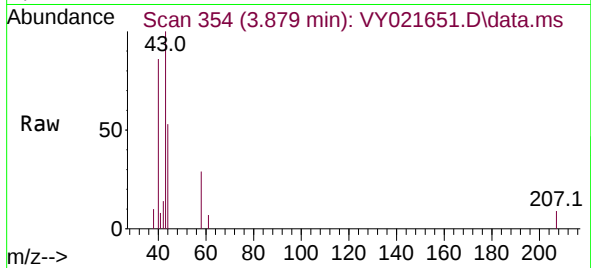




#16
Acetone
Concen: 4.834 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

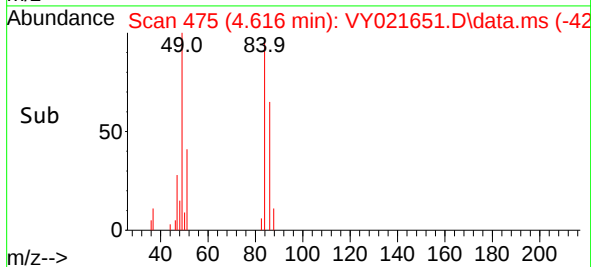
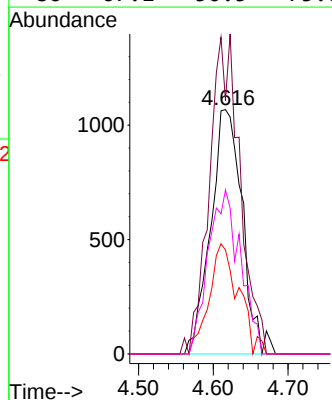
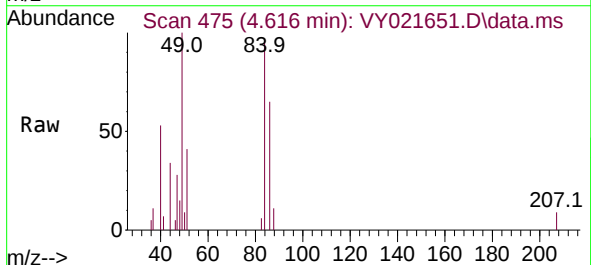
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

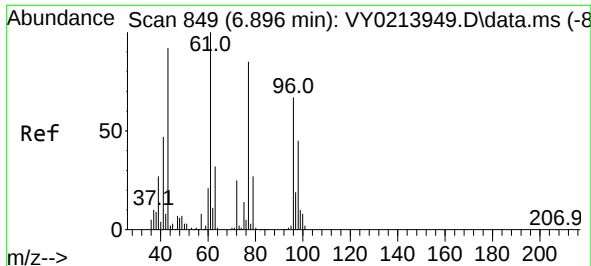
Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
58 28.5 22.1 33.1



#20
Methylene Chloride
Concen: 1.100 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 84 Resp: 3152
Ion Ratio Lower Upper
84 100
49 103.7 102.0 153.0
51 42.6 33.0 49.6
86 67.1 50.5 75.7

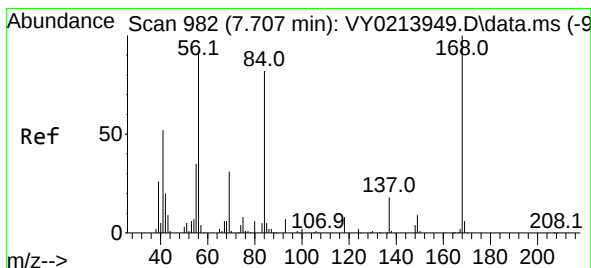
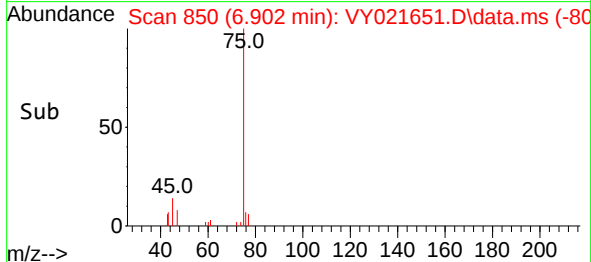
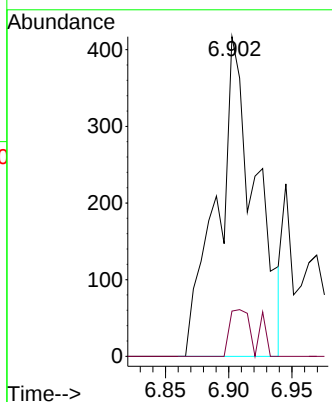
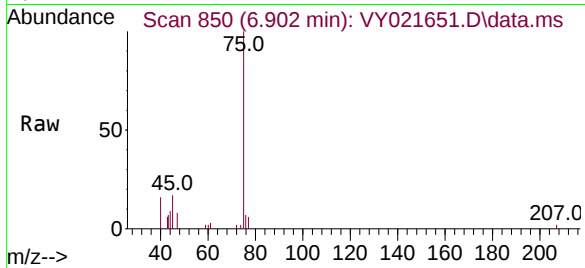




#25
2-Butanone
Concen: 1.174 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

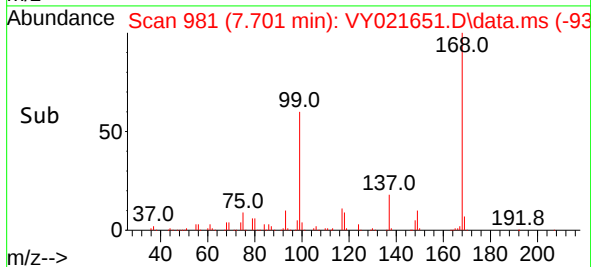
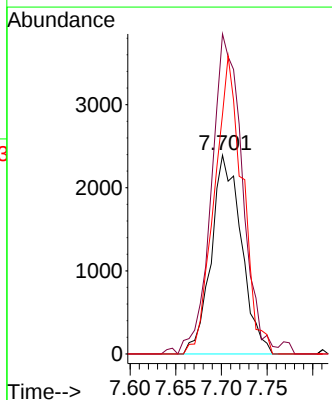
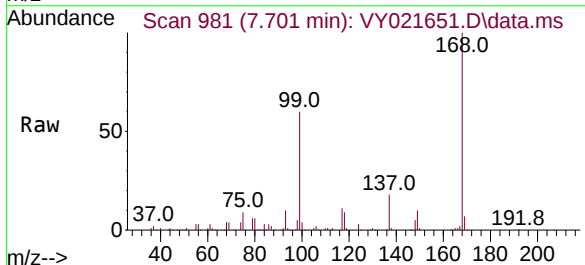
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

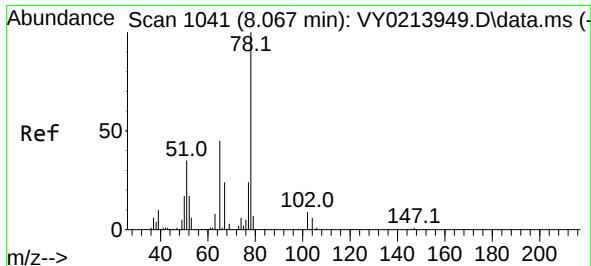
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
72 14.1 21.4 32.0#



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 56 Resp: 5486
Ion Ratio Lower Upper
56 100
69 161.0 27.0 40.4#
84 127.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 57.851 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021651.D

Acq: 26 Mar 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :

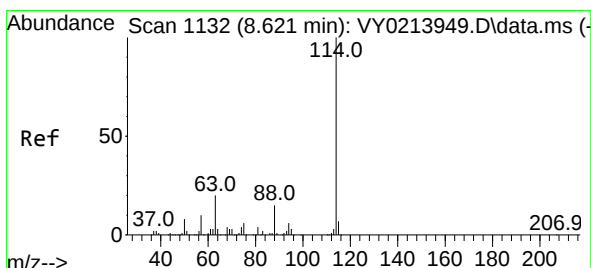
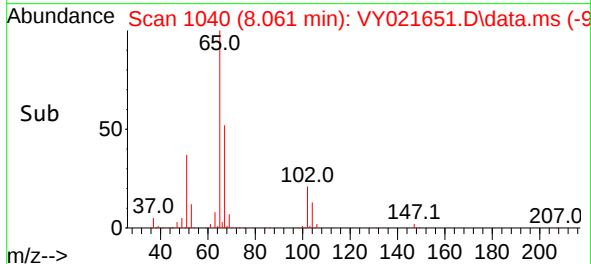
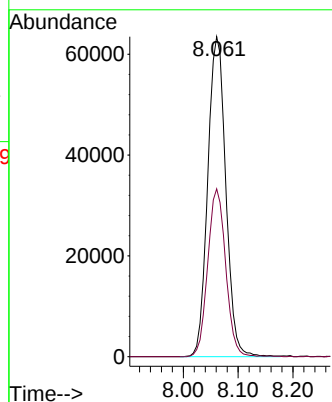
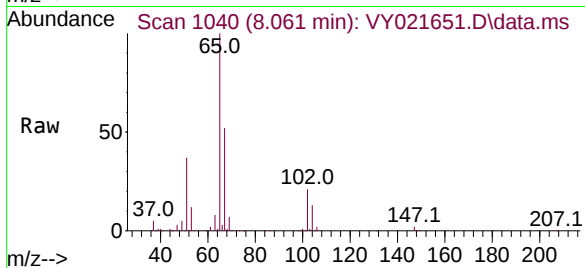
WC-1-VOC

Tgt Ion: 65 Resp: 144738

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021651.D

Acq: 26 Mar 2025 16:58

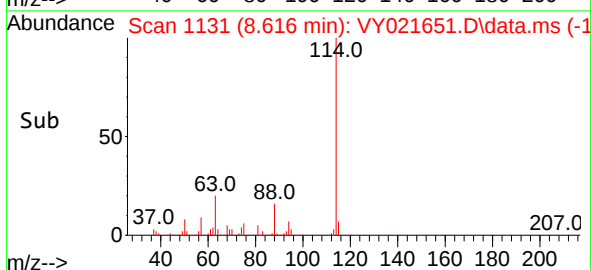
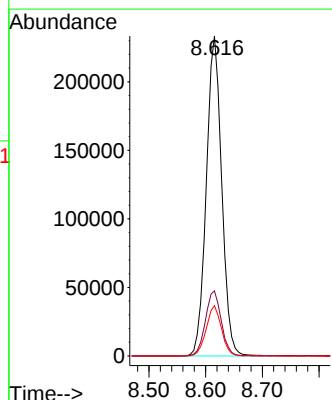
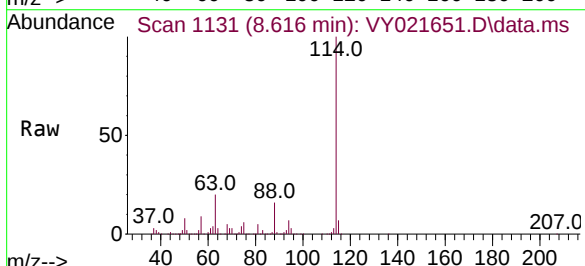
Tgt Ion: 114 Resp: 439837

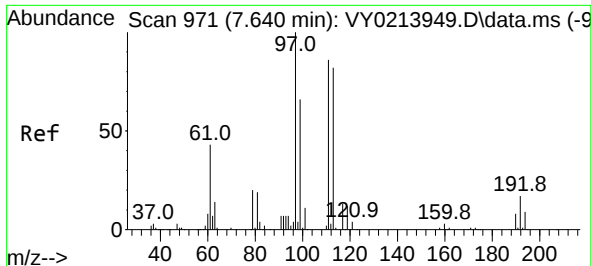
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.7 0.0 30.8

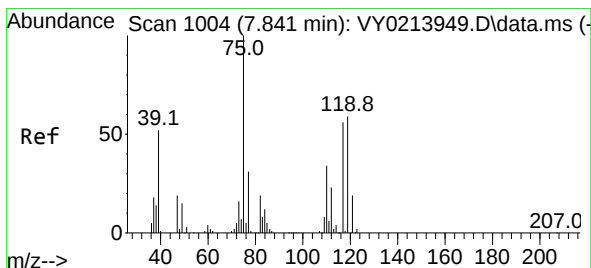
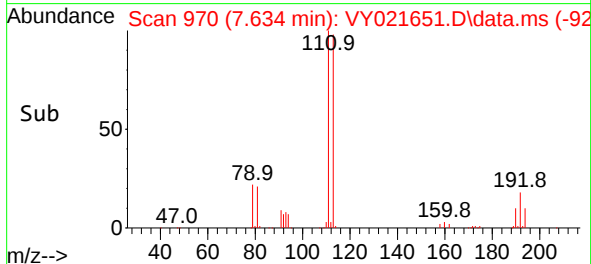
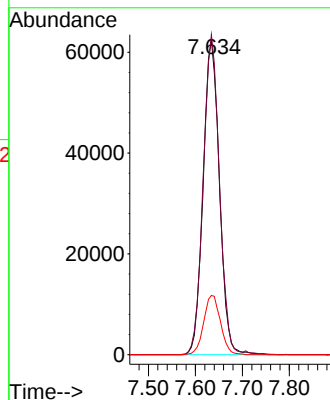
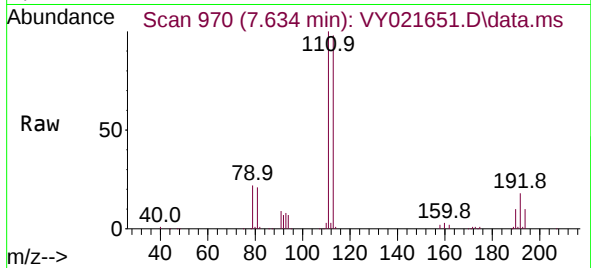




#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

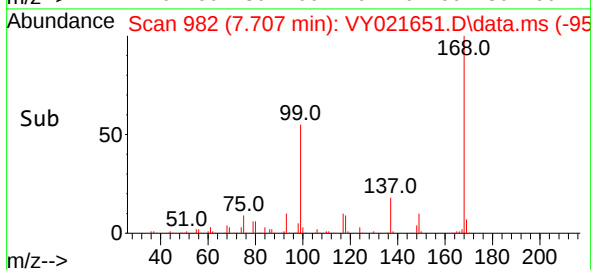
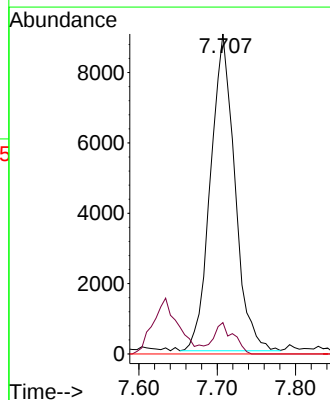
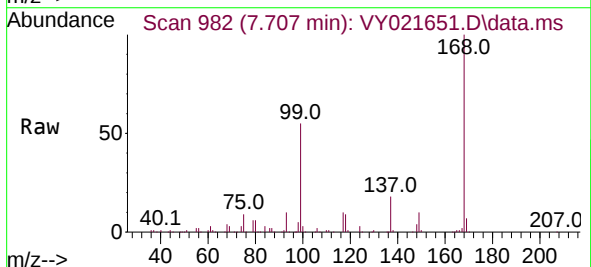
Instrument :
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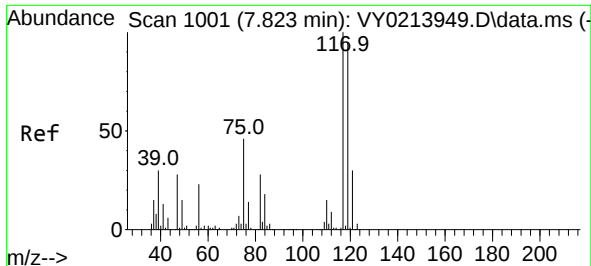
Tgt Ion:113 Resp: 150026
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 75 Resp: 19453
Ion Ratio Lower Upper
75 100
110 8.0 17.3 51.7#
77 0.0 25.4 38.2#

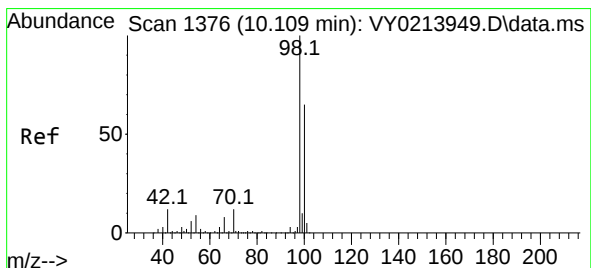
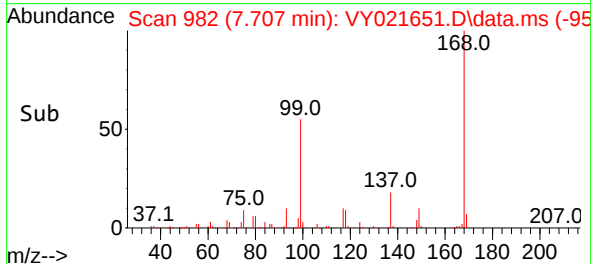
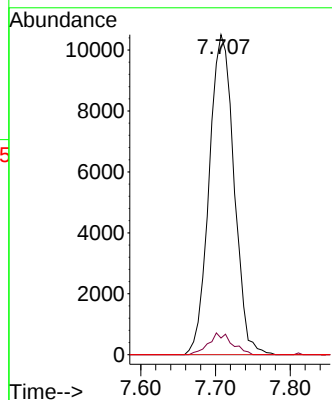
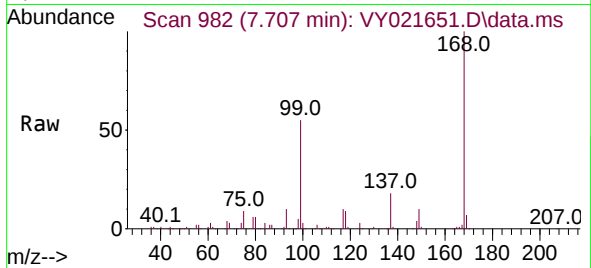




#38
Carbon Tetrachloride
Concen: 4.661 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

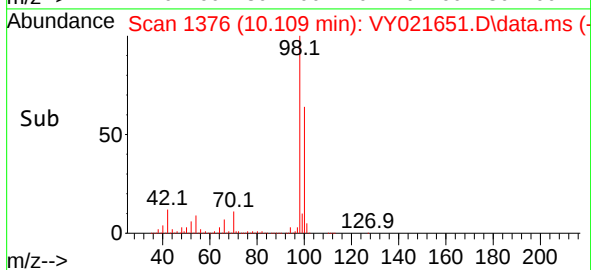
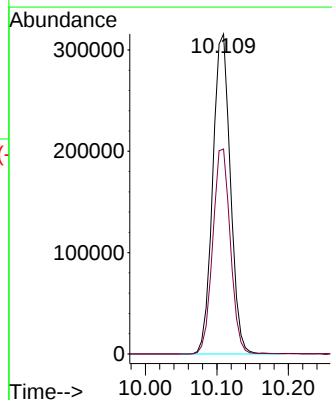
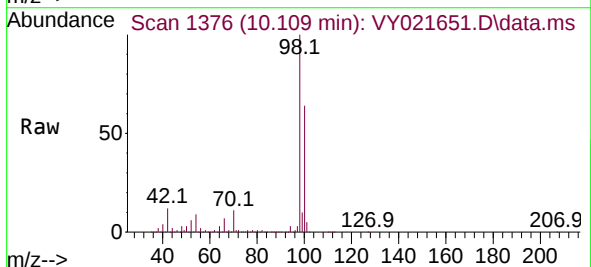
Instrument :
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ClientSampleId :
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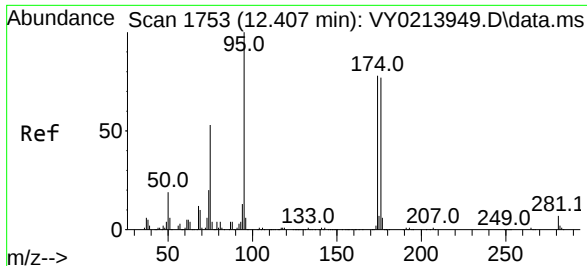
Tgt Ion:117 Resp: 24257
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 98 Resp: 540196
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.166 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021651.D

Acq: 26 Mar 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

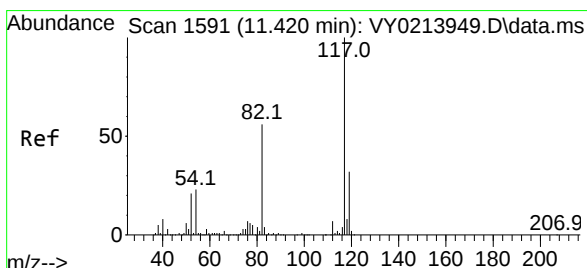
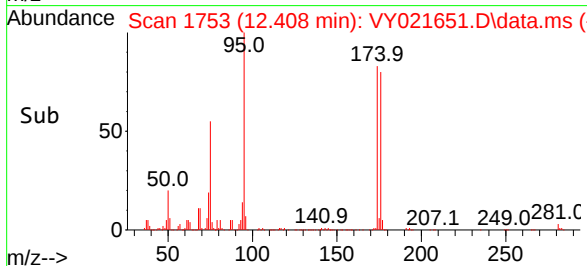
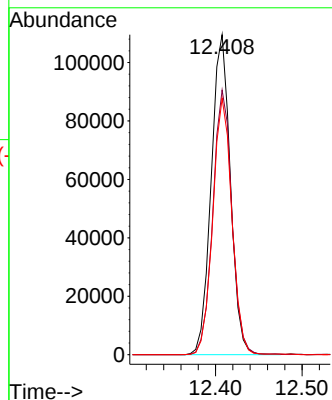
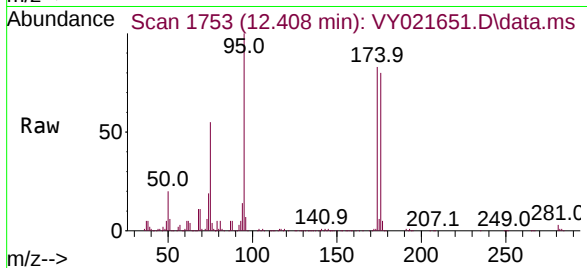
Tgt Ion: 95 Resp: 168179

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.0

176 79.8 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021651.D

Acq: 26 Mar 2025 16:58

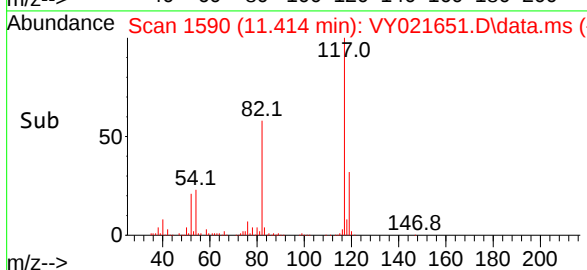
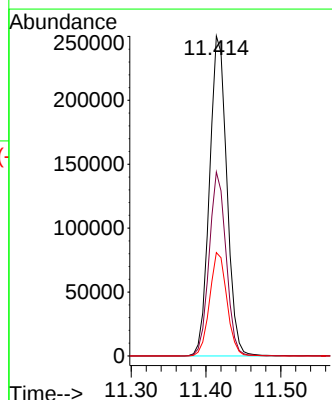
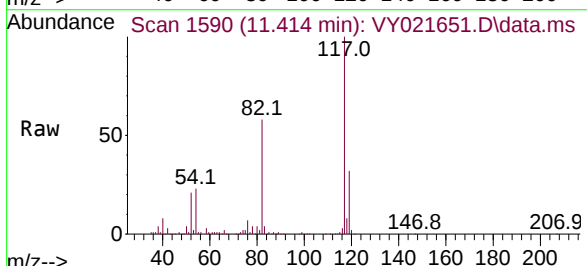
Tgt Ion: 117 Resp: 403215

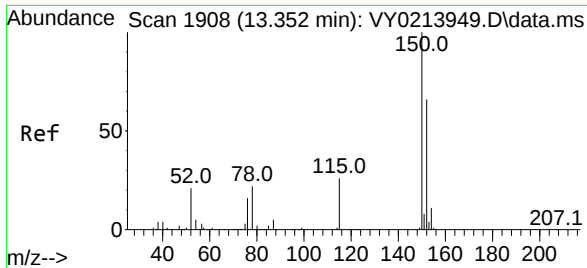
Ion Ratio Lower Upper

117 100

82 57.5 44.6 67.0

119 32.3 25.4 38.0

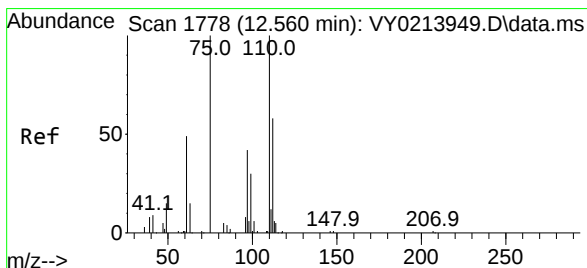
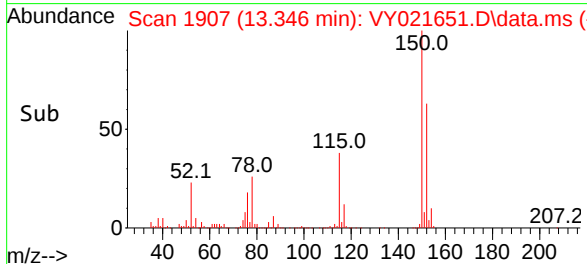
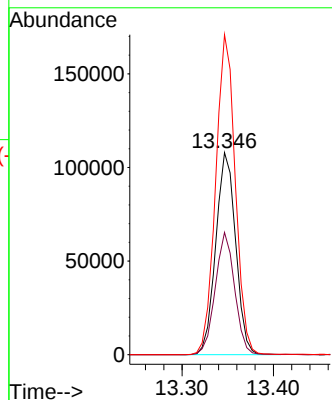
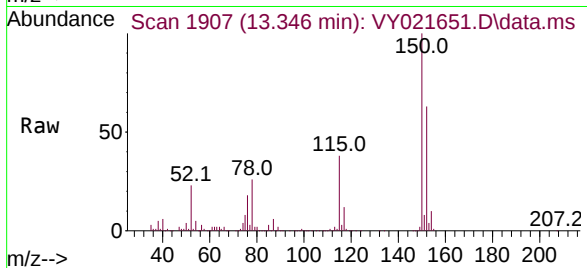




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021651.D
 Acq: 26 Mar 2025 16:58

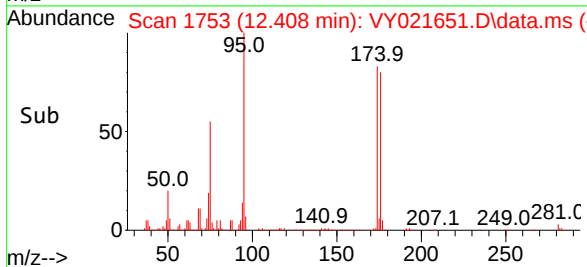
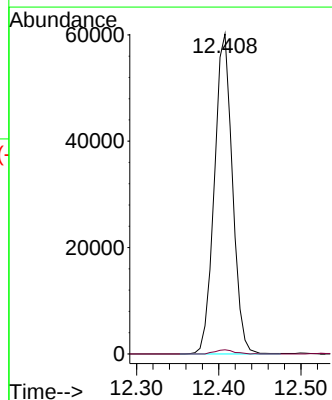
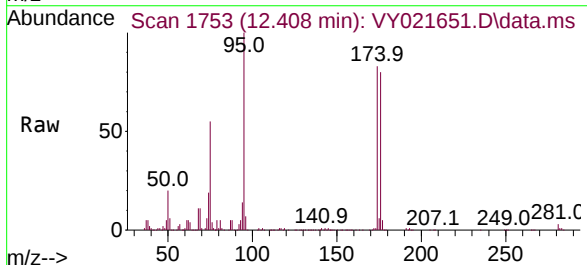
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

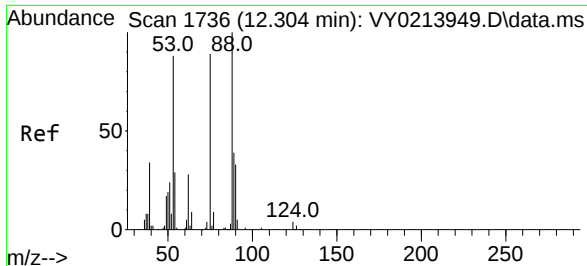
Tgt Ion:152 Resp: 163134
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.0 87.0
 150 156.3 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 55.861 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021651.D
 Acq: 26 Mar 2025 16:58

Tgt Ion: 75 Resp: 91829
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

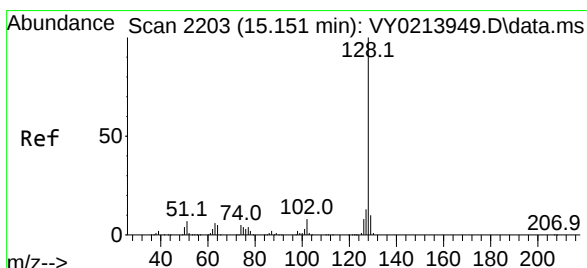
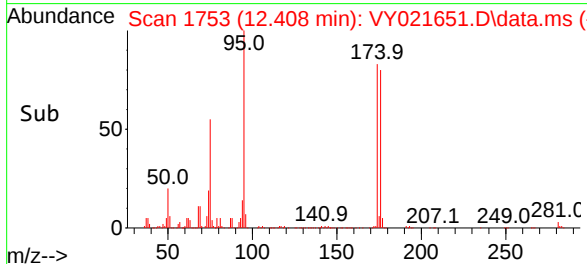
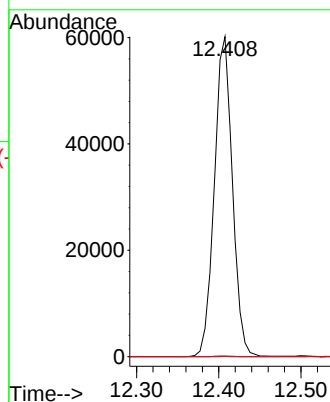
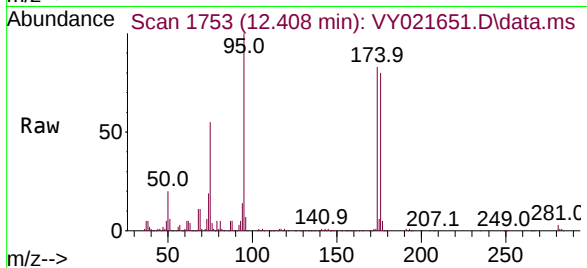




#81
trans-1,4-Dichloro-2-butene
Concen: 126.990 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion: 75 Resp: 91829
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.525 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021651.D
Acq: 26 Mar 2025 16:58

Tgt Ion: 128 Resp: 336
Ion Ratio Lower Upper
128 100
127 7.7 10.6 15.8#
129 6.5 8.6 13.0#

