

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021142.D
 Acq On : 07 Feb 2025 16:13
 Operator : SY/MD
 Sample : Q1309-11
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Feb 08 02:43:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

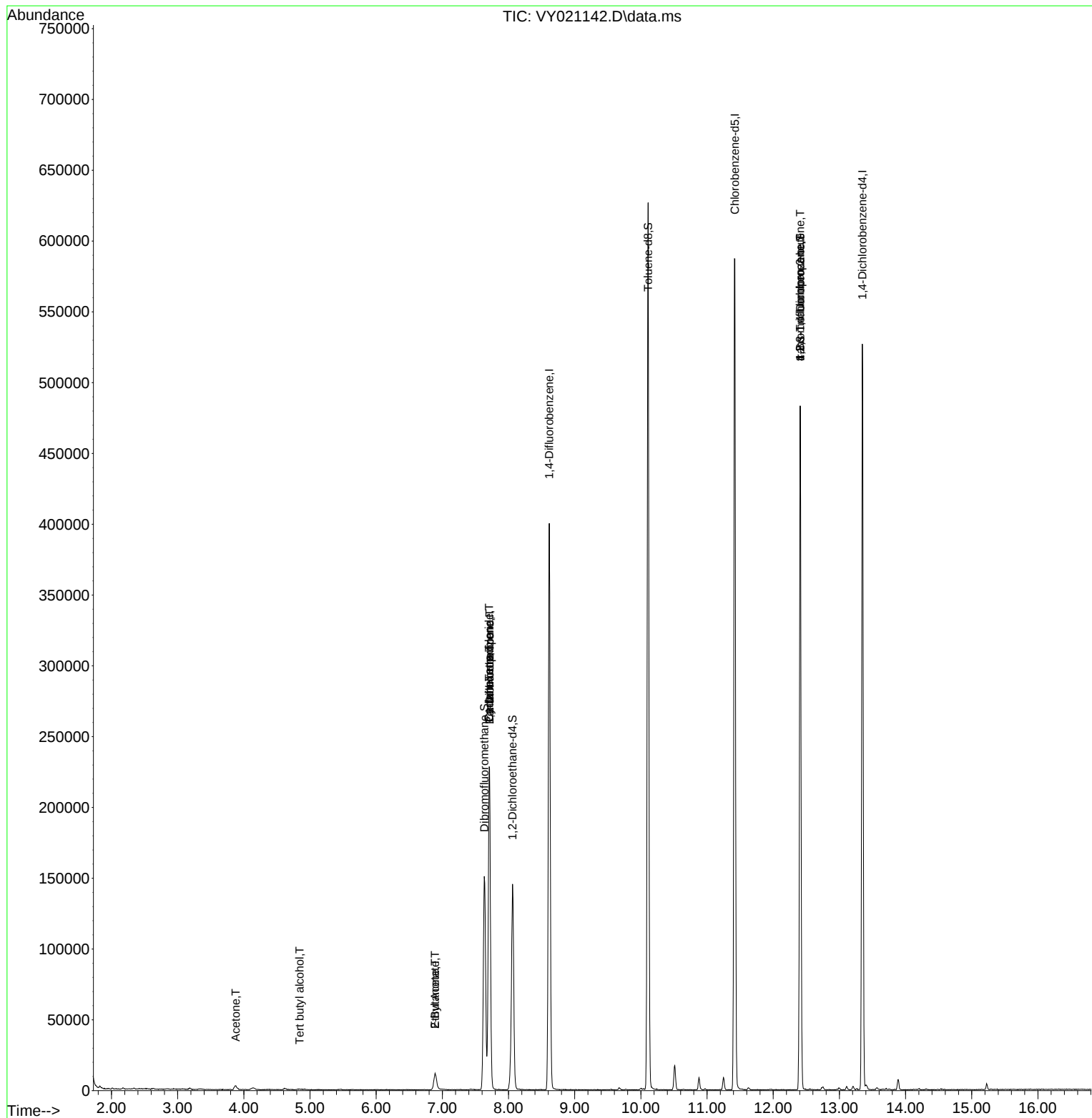
Internal Standards						
1) Pentafluorobenzene	7.713	168	175171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108184	60.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.560%	
35) Dibromofluoromethane	7.634	113	107491	51.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.109	98	398178	50.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.408	95	136709	52.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	576	4.736	ug/l #	75
16) Acetone	3.879	43	5287	18.890	ug/l	92
25) 2-Butanone	6.890	43	1446	3.144	ug/l #	84
31) Cyclohexane	7.707	56	3855	1.259	ug/l #	9
36) 1,1-Dichloropropene	7.713	75	14210	4.604	ug/l #	51
37) Ethyl Acetate	6.890	43	1446	1.068	ug/l #	46
38) Carbon Tetrachloride	7.707	117	18044	5.003	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	76316	63.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	76316	130.261	ug/l #	12

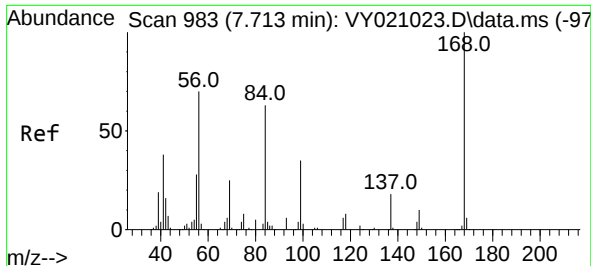
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

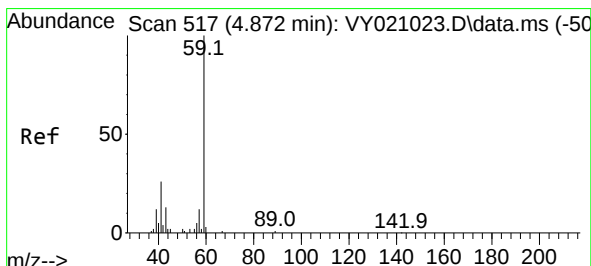
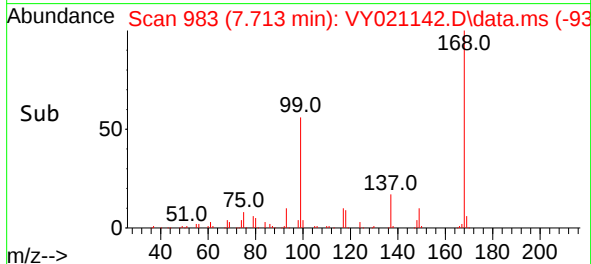
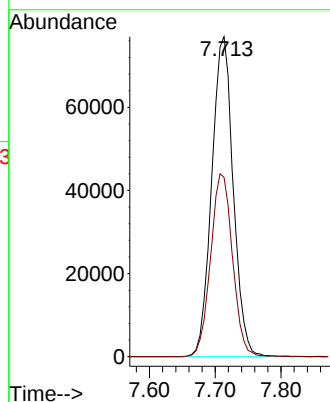
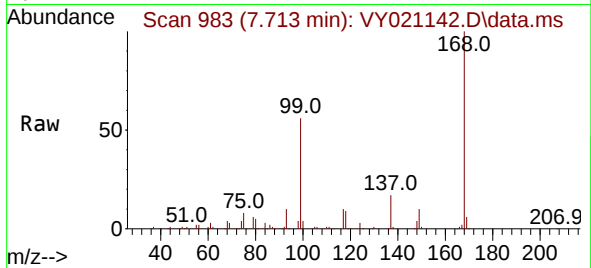




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

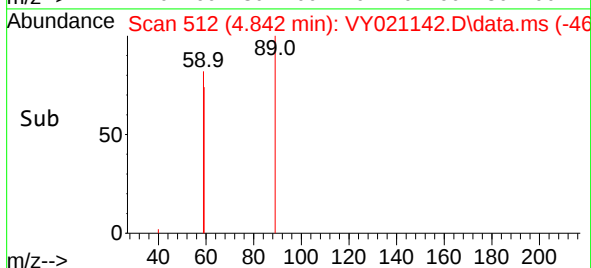
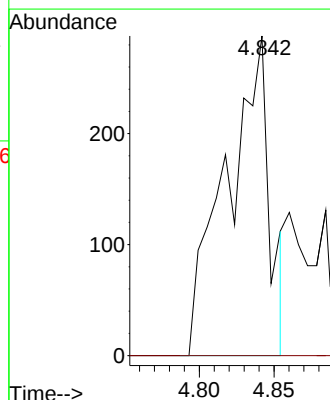
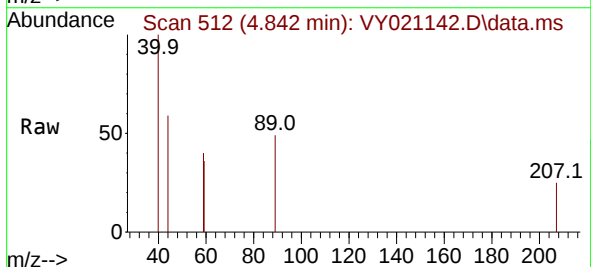
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

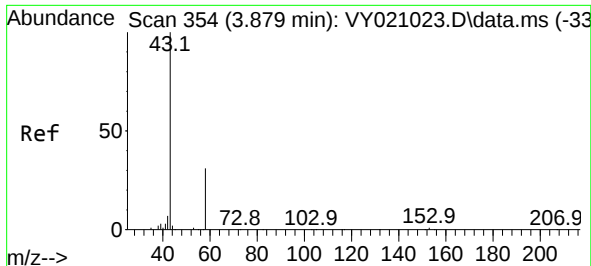
Tgt Ion:168 Resp: 175171
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 4.736 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

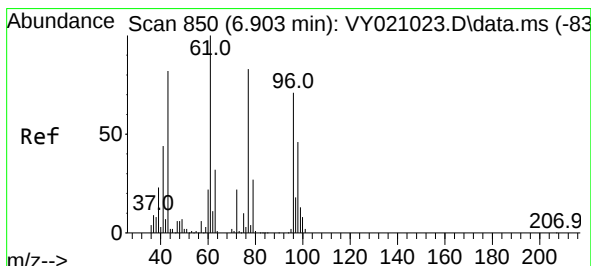
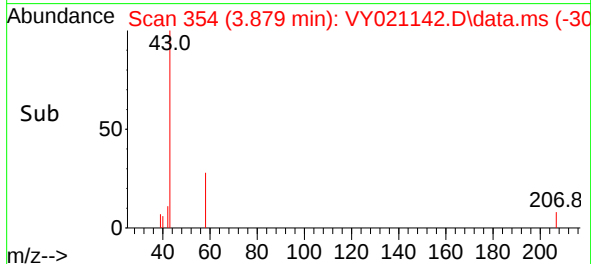
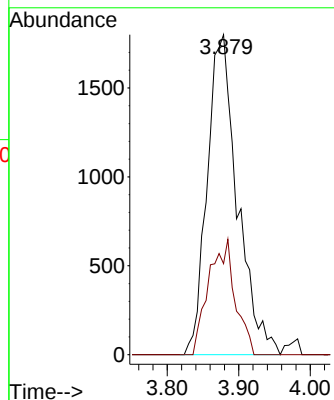
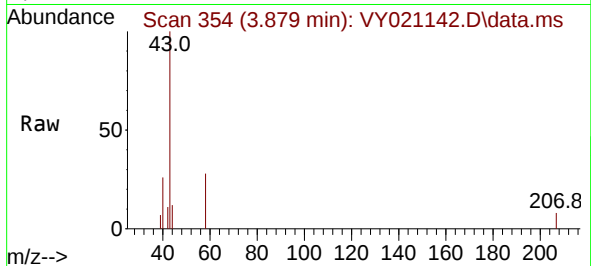




#16
Acetone
Concen: 18.890 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

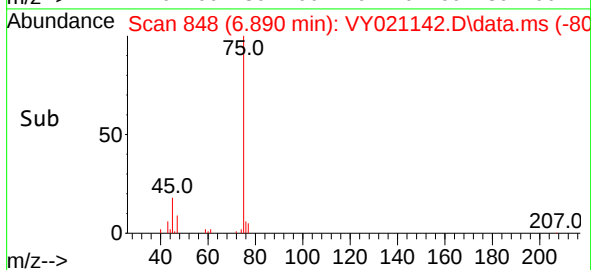
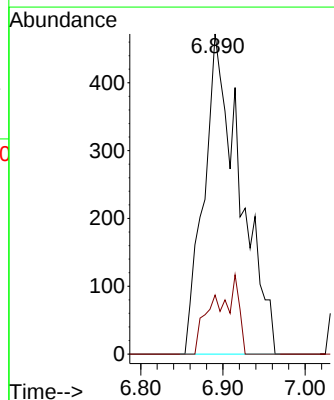
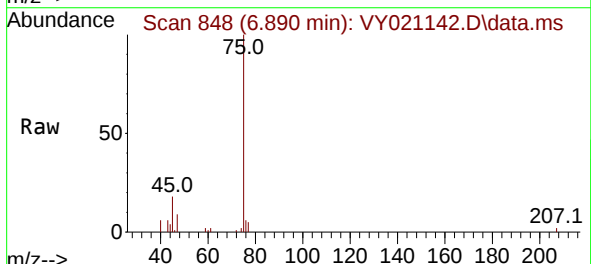
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

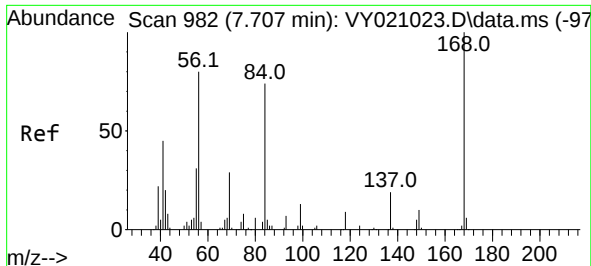
Tgt Ion: 43 Resp: 5287
Ion Ratio Lower Upper
43 100
58 28.4 26.6 39.8



#25
2-Butanone
Concen: 3.144 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
72 18.4 21.4 32.2#

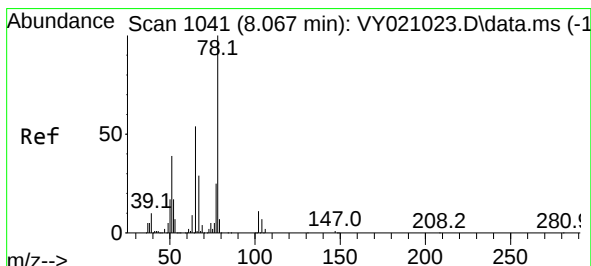
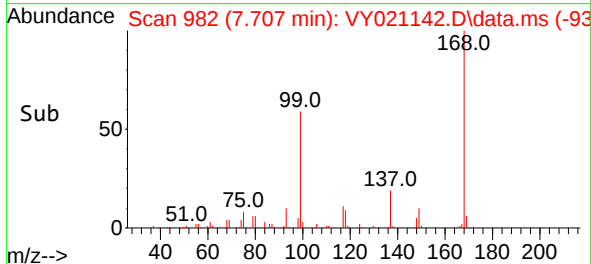
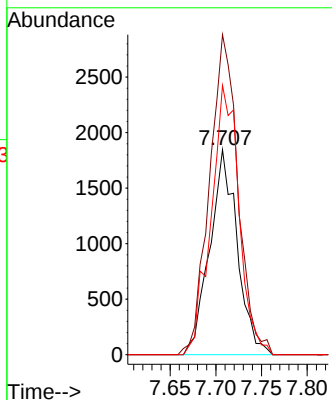
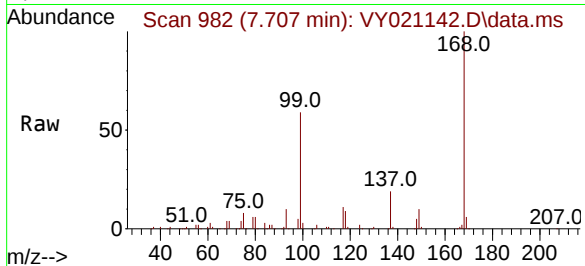




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

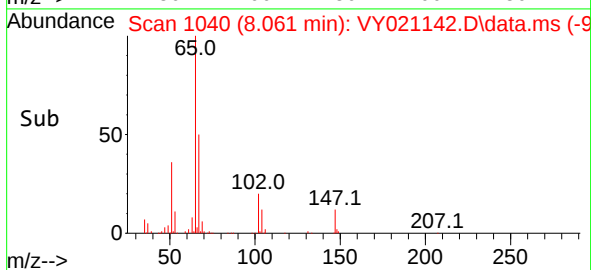
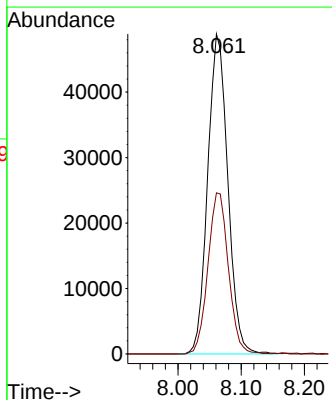
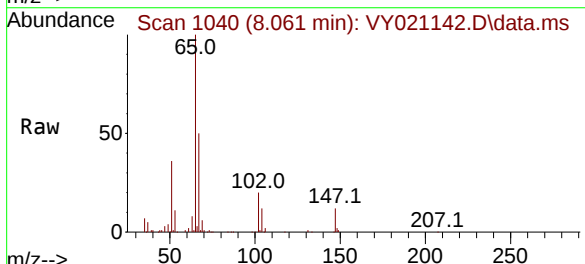
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

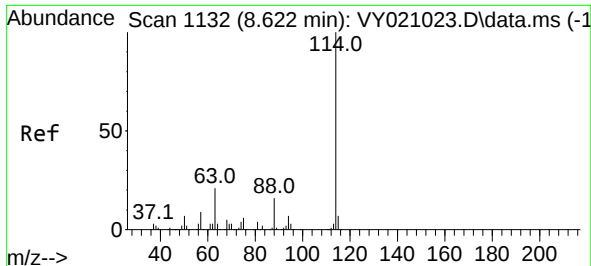
Tgt Ion: 56 Resp: 3855
Ion Ratio Lower Upper
56 100
69 156.1 27.0 40.6#
84 131.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 60.277 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 65 Resp: 108184
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.0

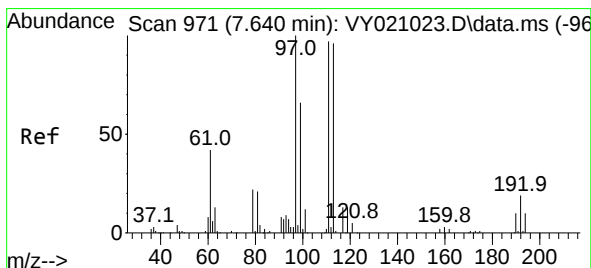
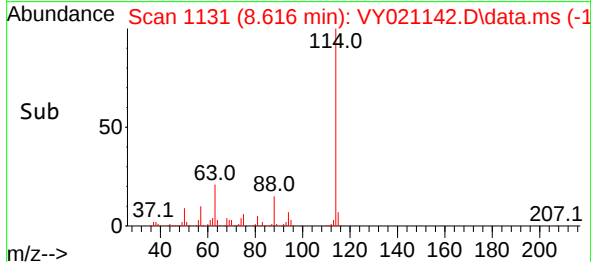
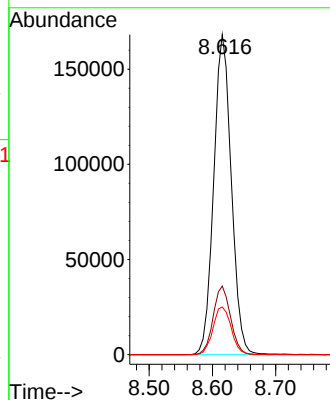
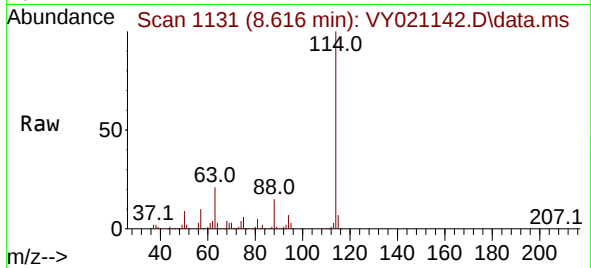




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY021142.D
 Acq: 07 Feb 2025 16:13

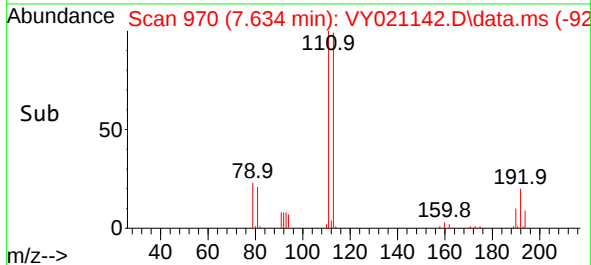
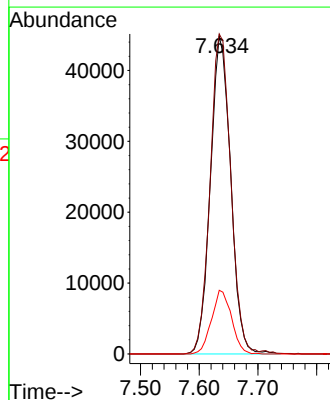
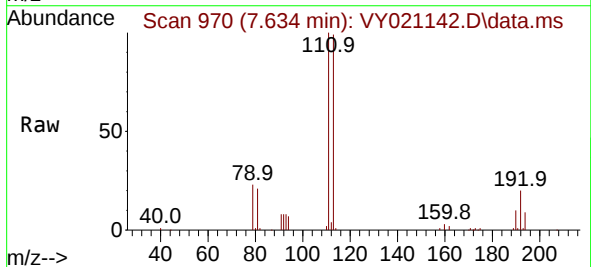
Instrument :
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 ClientSampleId :
 WC-4-VOC

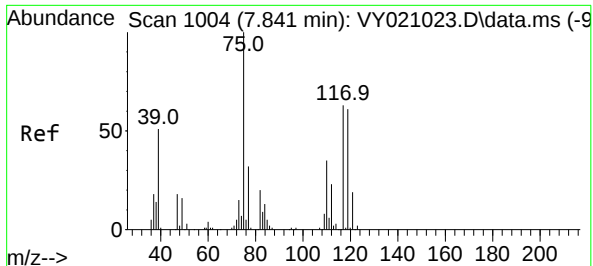
Tgt Ion:114 Resp: 325161
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 14.9 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 51.583 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY021142.D
 Acq: 07 Feb 2025 16:13

Tgt Ion:113 Resp: 107491
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.8 125.6
 192 19.7 14.5 21.7

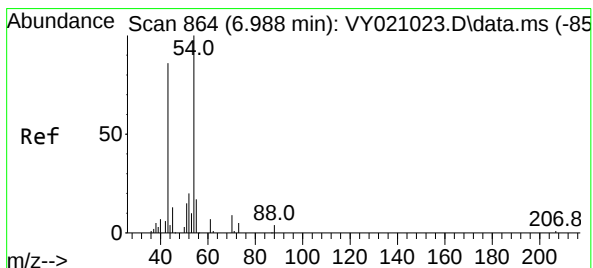
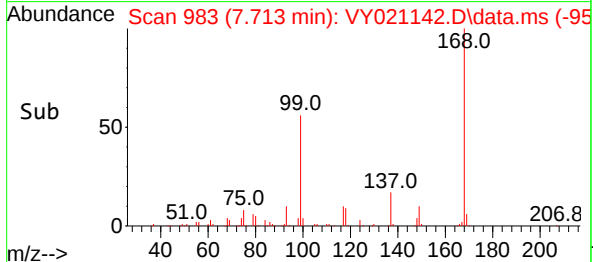
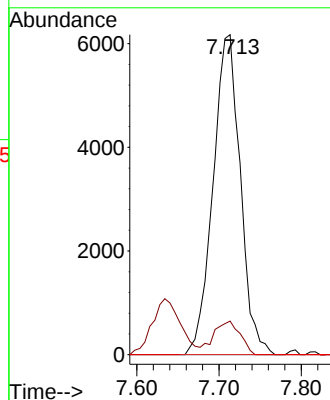
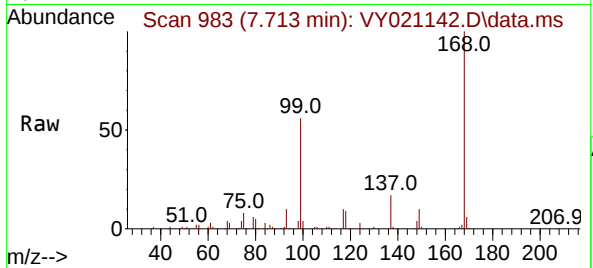




#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

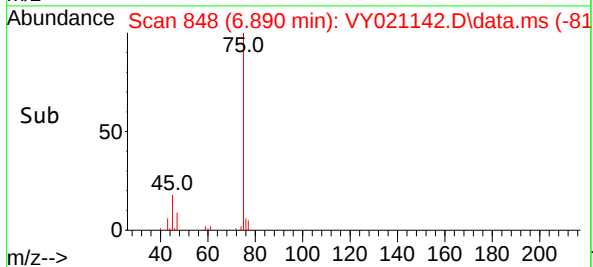
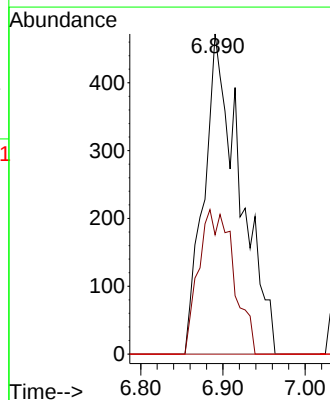
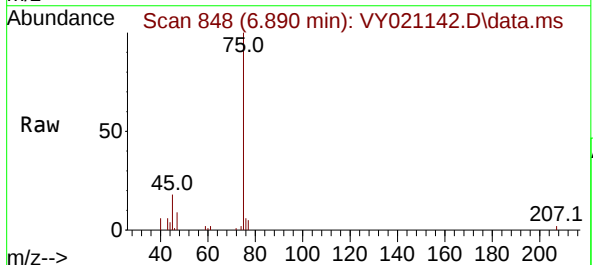
Instrument :
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ClientSampleId :
WC-4-VOC

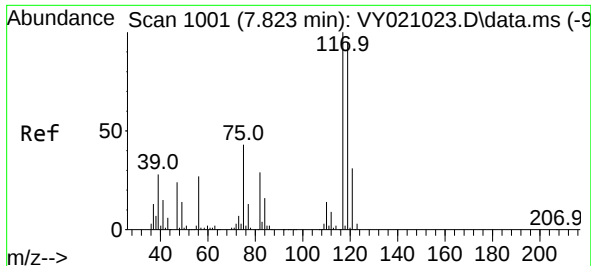
Tgt Ion: 75 Resp: 14210
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.068 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.098 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
61 43.4 11.0 16.6#
70 0.0 8.1 12.1#

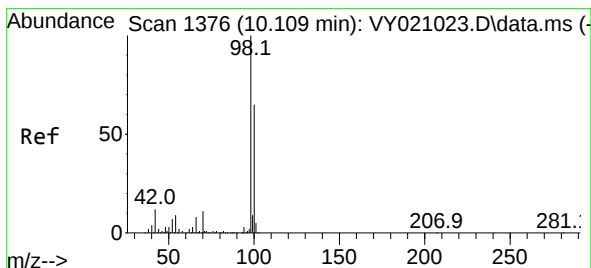
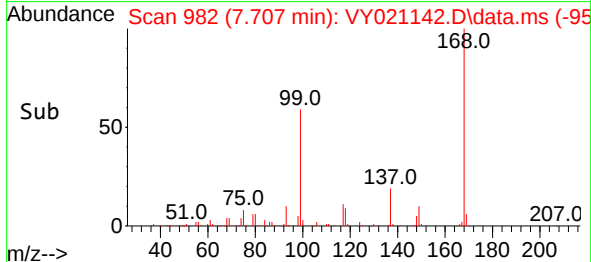
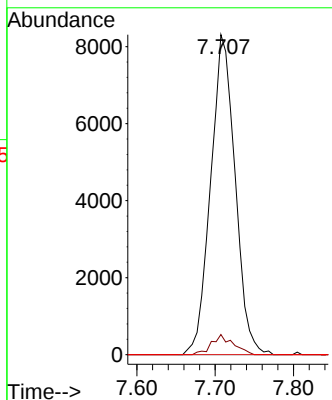
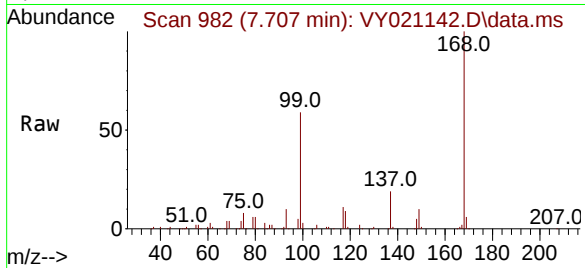




#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

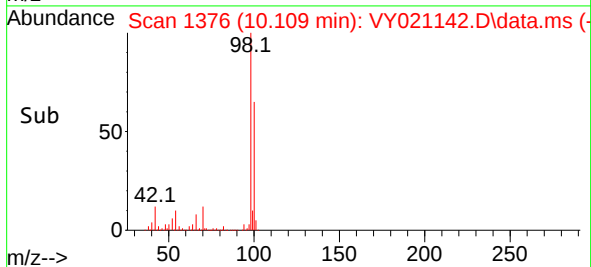
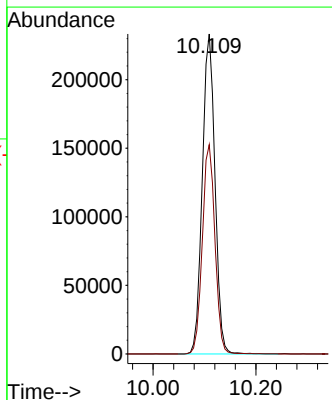
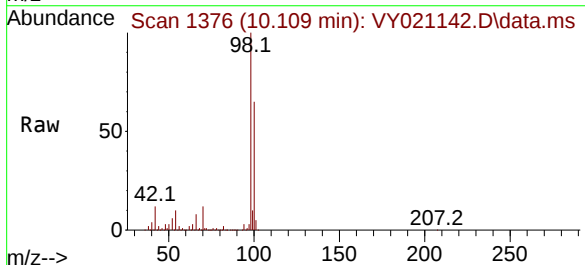
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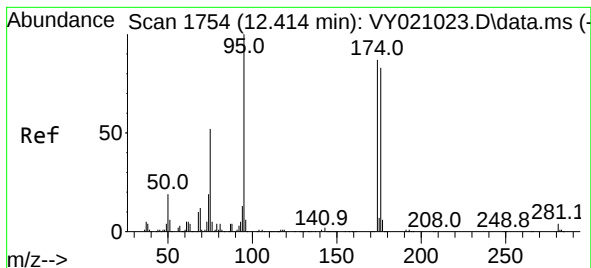
Tgt Ion:117 Resp: 18044
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.190 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 98 Resp: 398178
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

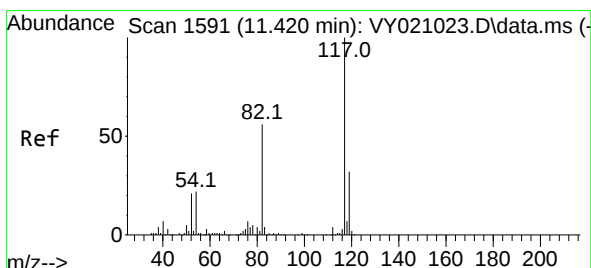
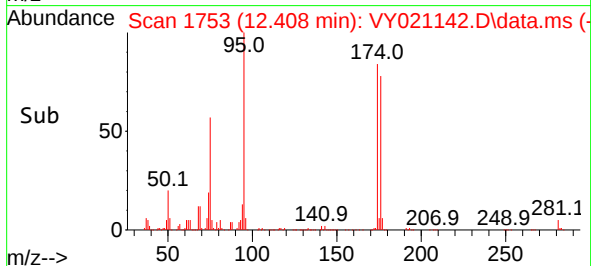
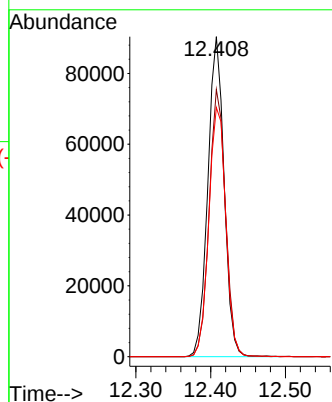
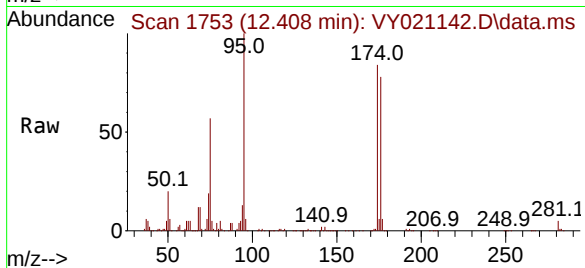




#62
4-Bromofluorobenzene
Concen: 52.747 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

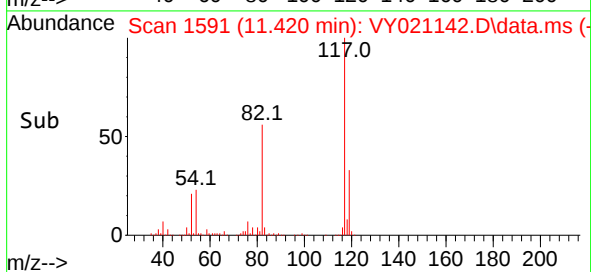
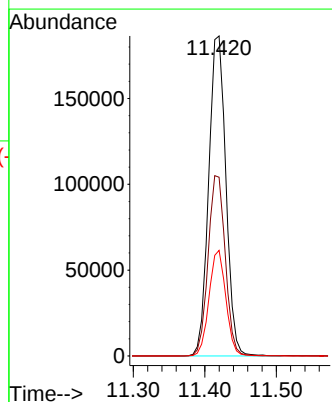
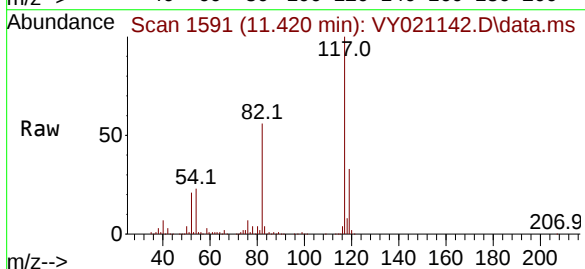
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

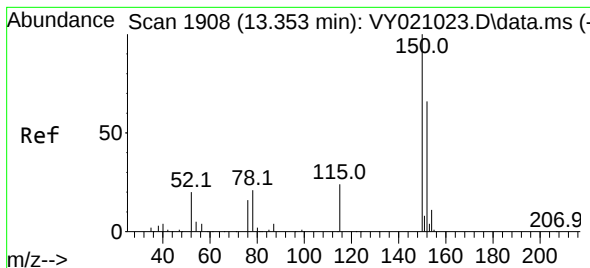
Tgt Ion: 95 Resp: 136709
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.0
176 81.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 117 Resp: 311552
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 33.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY021142.D

Acq: 07 Feb 2025 16:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

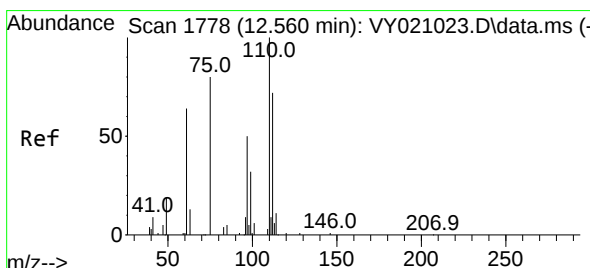
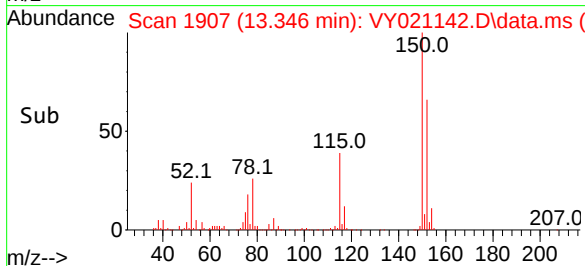
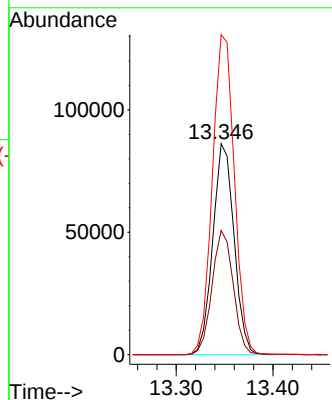
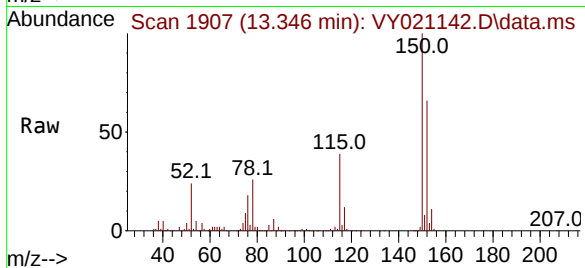
Tgt Ion:152 Resp: 131785

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 63.839 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021142.D

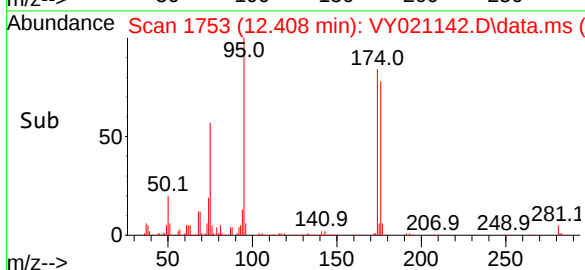
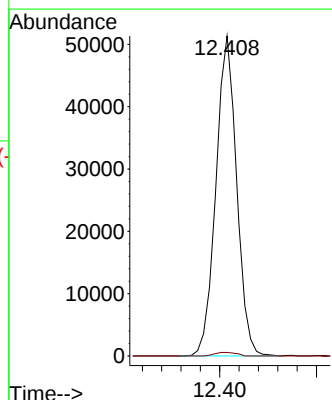
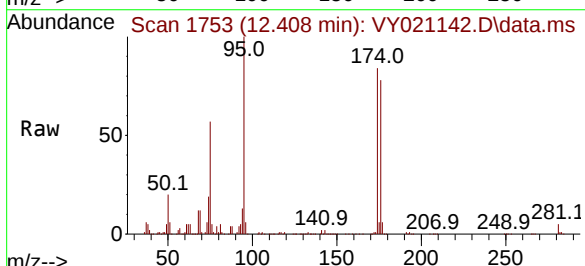
Acq: 07 Feb 2025 16:13

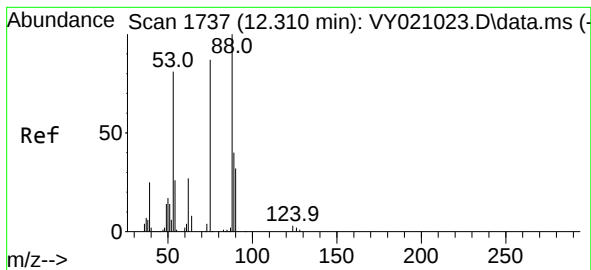
Tgt Ion: 75 Resp: 76316

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.261 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021142.D
 Acq: 07 Feb 2025 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Tgt Ion: 75 Resp: 76316
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

