

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021758.D
 Acq On : 02 Apr 2025 14:31
 Operator : SY/MD
 Sample : Q1693-03
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-3-VOC

Quant Time: Apr 03 03:36:23 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)

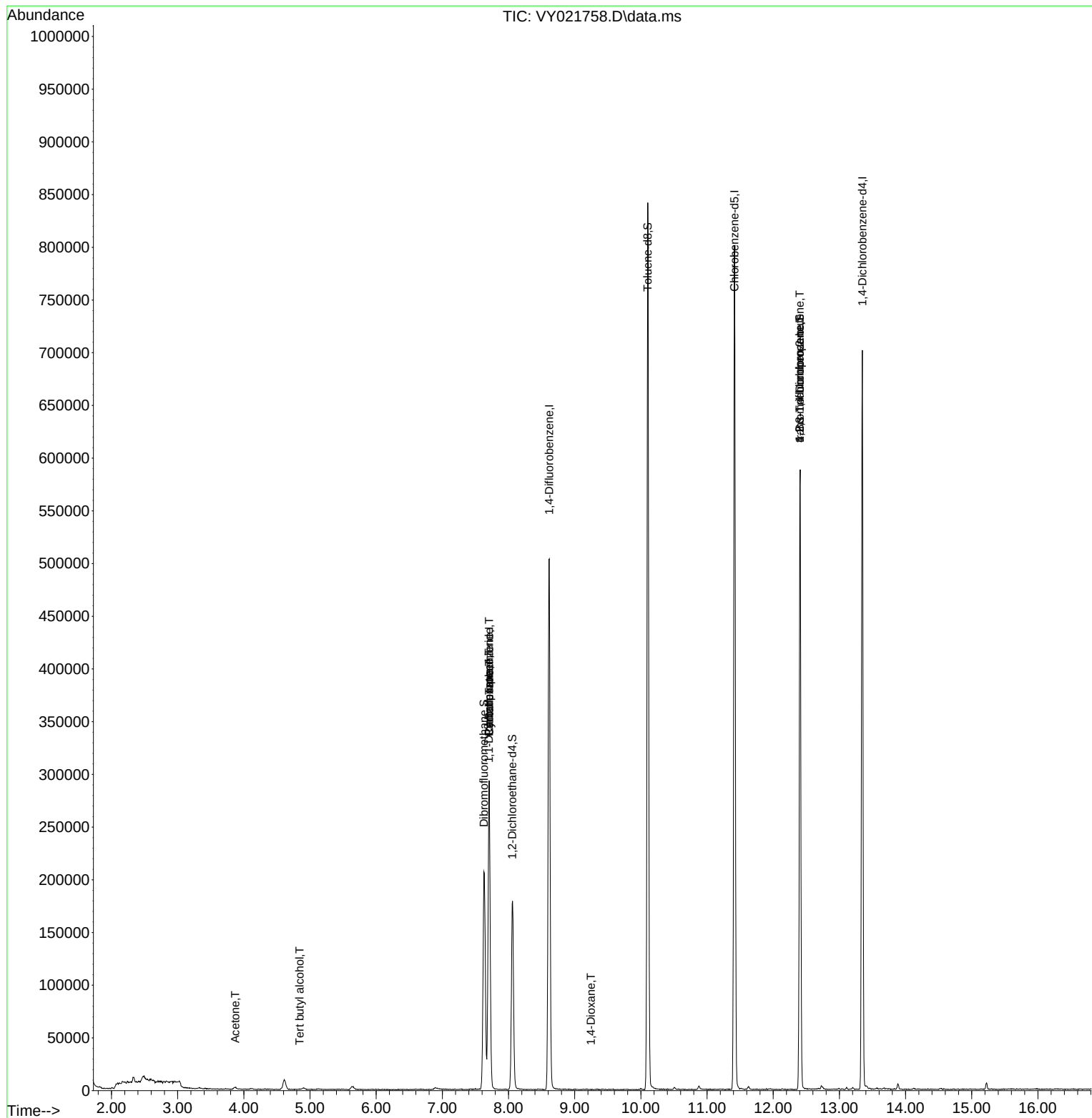
Internal Standards						
1) Pentafluorobenzene	7.707	168	214137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	424062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	411281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	144887	62.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.900%
35) Dibromofluoromethane	7.628	113	146908	53.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.103	98	527896	50.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.402	95	176232	49.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	274	1.818	ug/l #	70
16) Acetone	3.873	43	2931	6.173	ug/l	90
20) Methylene Chloride	4.616	84	6459	Below Cal		93
31) Cyclohexane	7.707	56	4630	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	17712	4.227	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22353	4.658	ug/l #	16
49) 1,4-Dioxane	9.244	88	19	1.036	ug/l #	21
76) 1,2,3-Trichloropropane	12.402	75	93045	54.412	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	93045	125.375	ug/l #	12

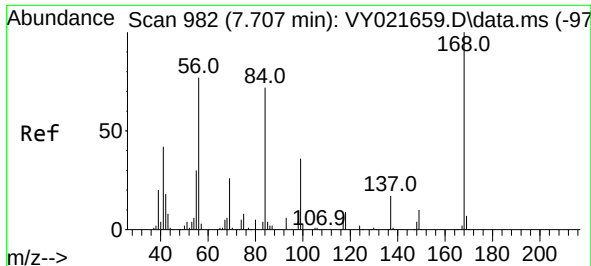
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

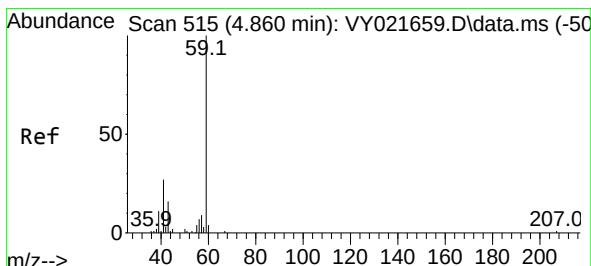
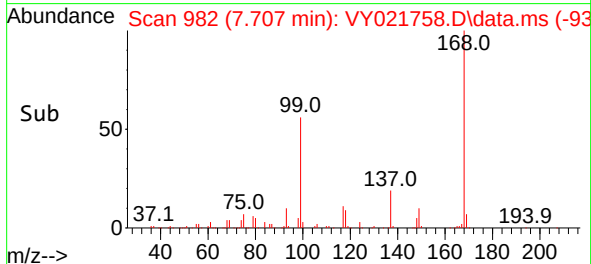
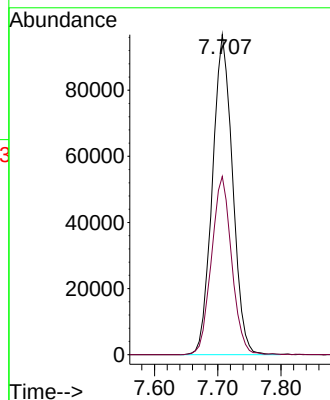
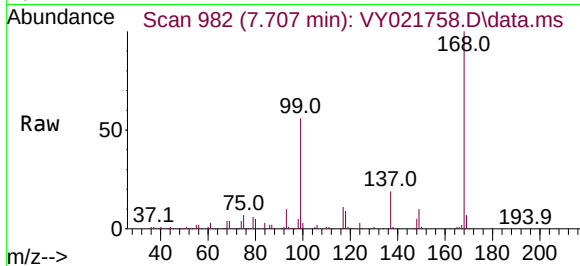




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

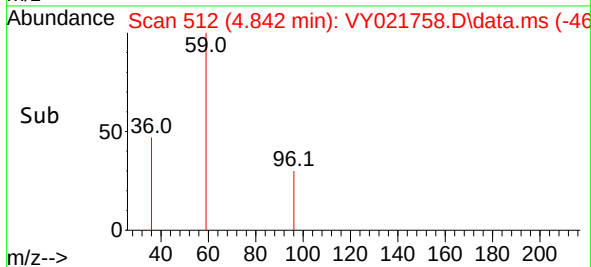
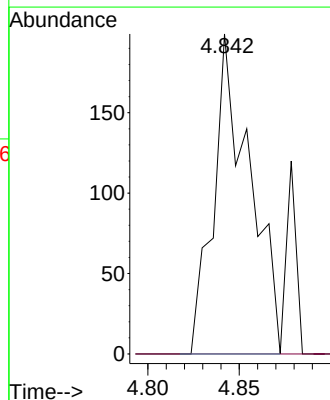
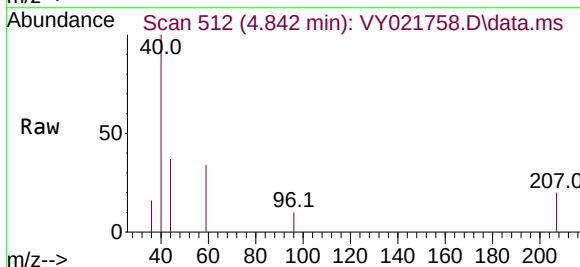
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

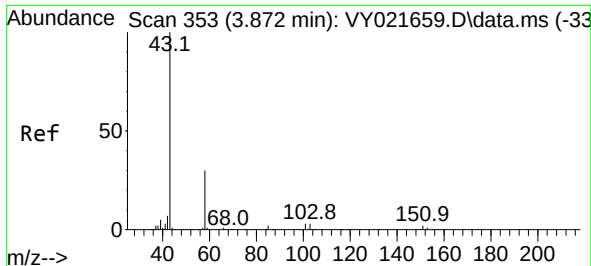
Tgt Ion:168 Resp: 214137
Ion Ratio Lower Upper
168 100
99 55.7 46.7 70.1



#11
Tert butyl alcohol
Concen: 1.818 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

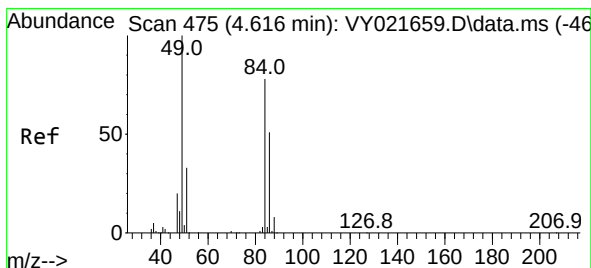
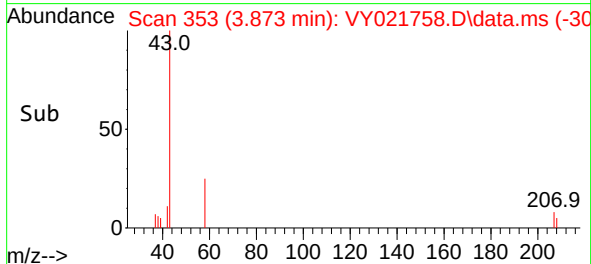
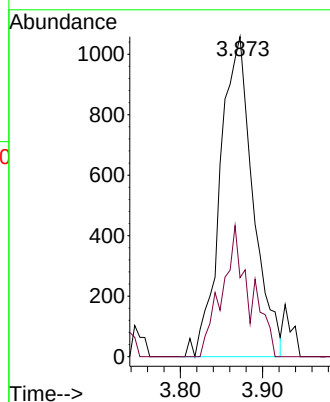
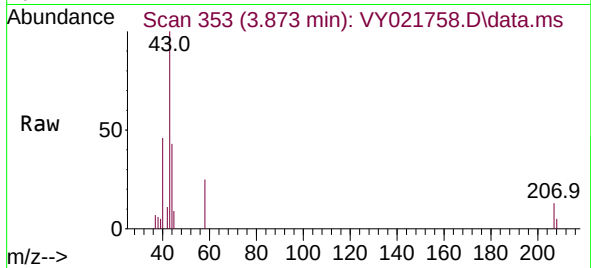




#16
Acetone
Concen: 6.173 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

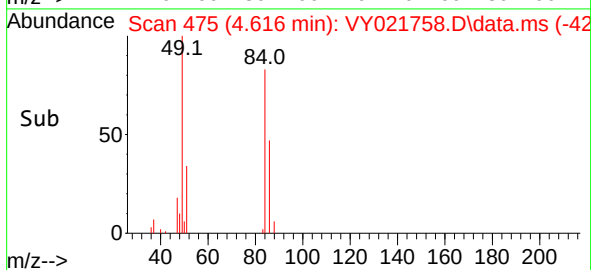
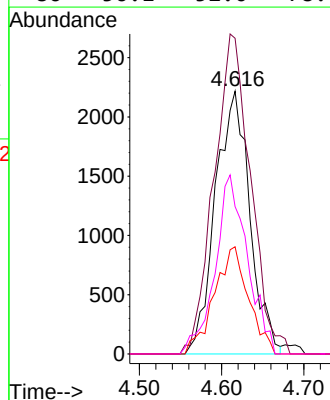
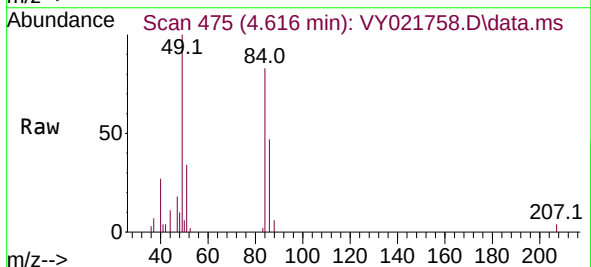
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

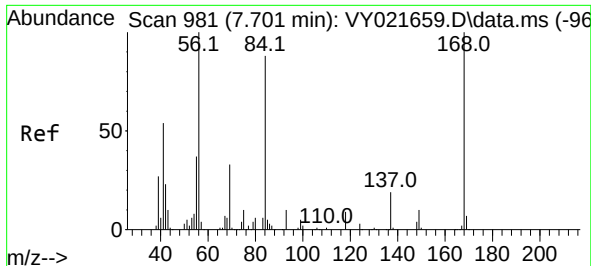
Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 24.7 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion: 84 Resp: 6459
Ion Ratio Lower Upper
84 100
49 120.2 102.8 154.2
51 40.8 33.5 50.3
86 56.1 52.0 78.0

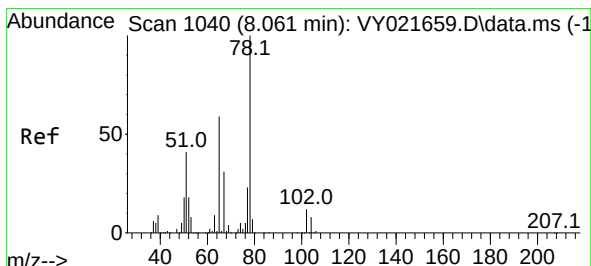
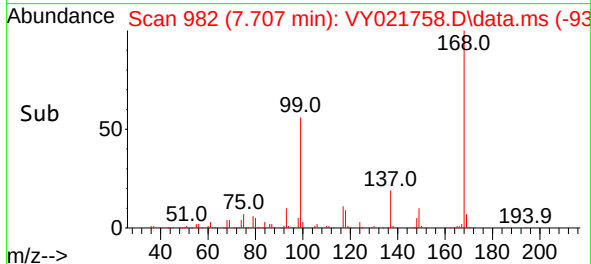
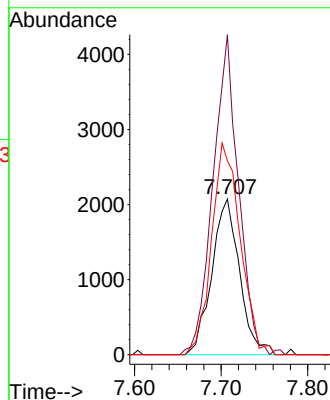
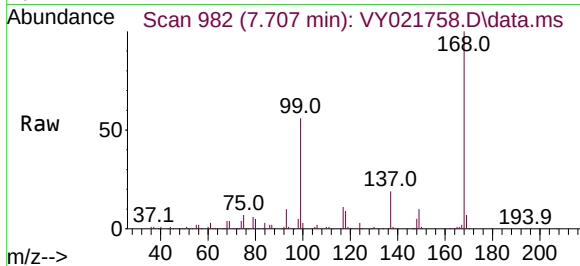




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

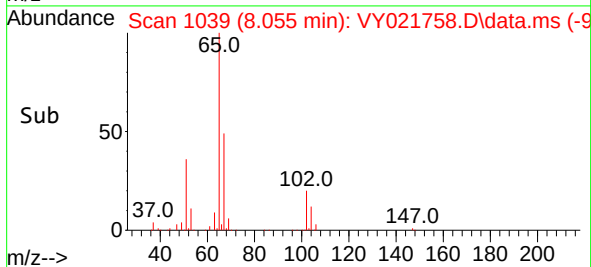
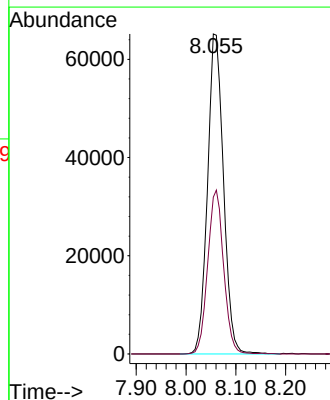
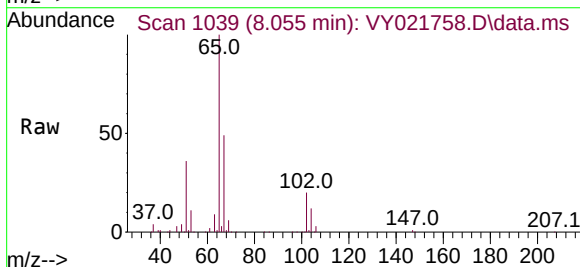
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

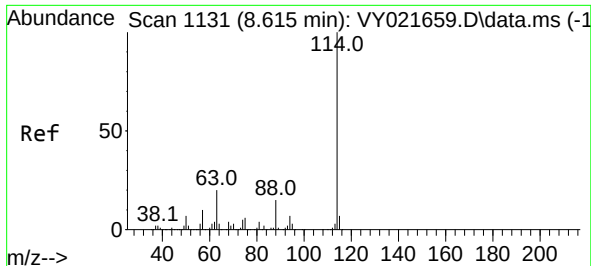
Tgt Ion: 56 Resp: 4630
Ion Ratio Lower Upper
56 100
69 205.4 26.6 40.0#
84 124.5 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 62.448 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion: 65 Resp: 144887
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6

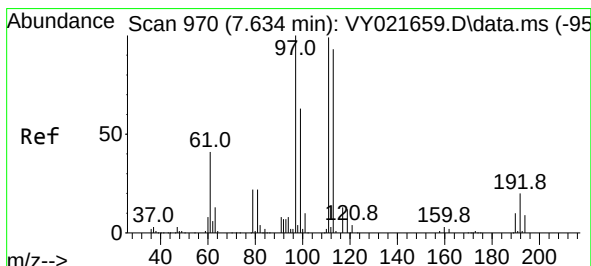
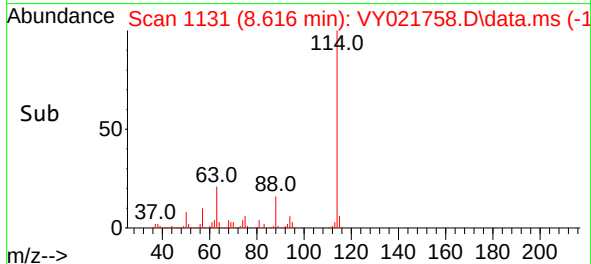
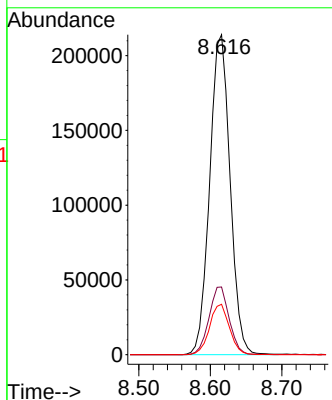
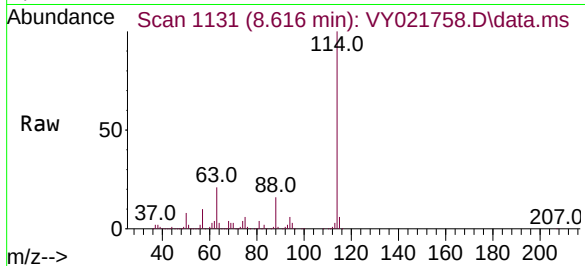




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

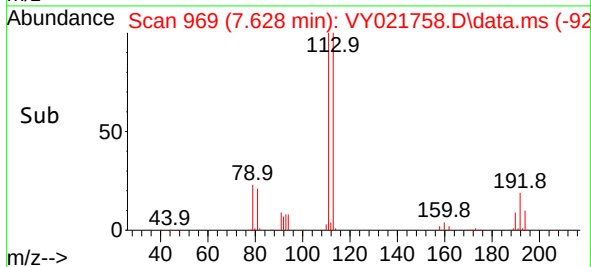
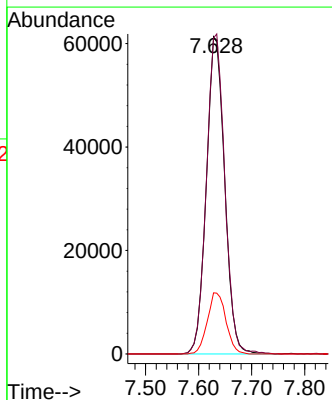
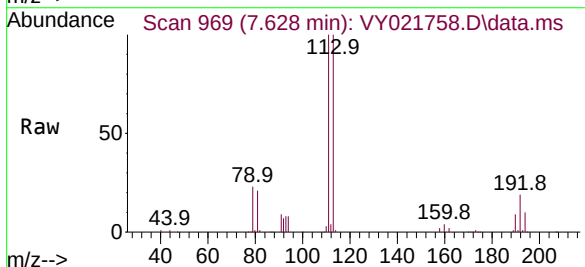
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

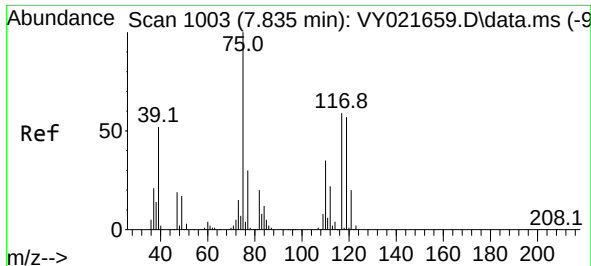
Tgt Ion:114 Resp: 424062
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.2
88 15.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.405 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion:113 Resp: 146908
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.6 16.2 24.4

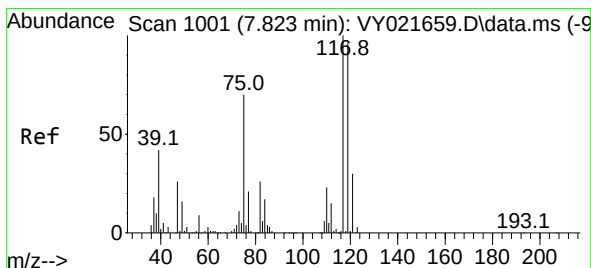
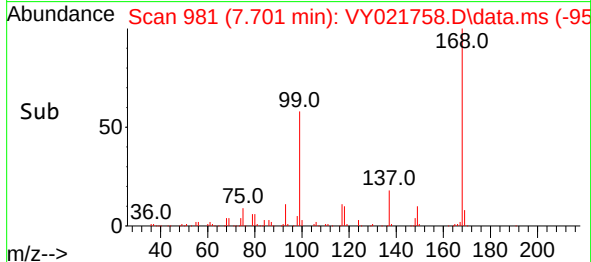
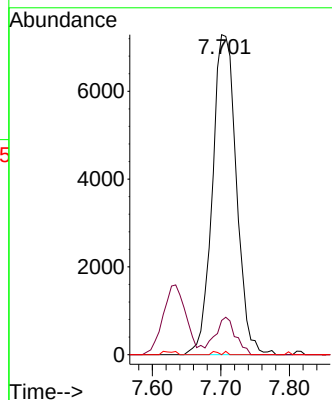
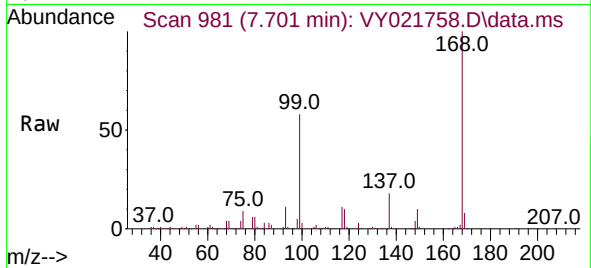




#36
1,1-Dichloropropene
Concen: 4.227 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

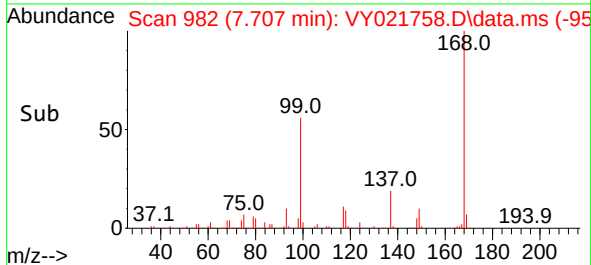
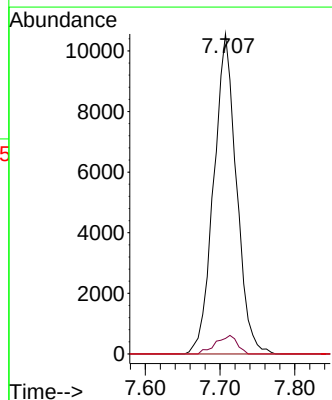
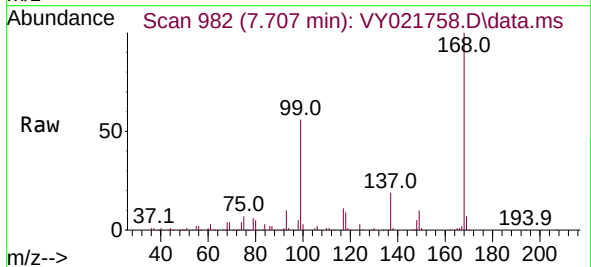
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

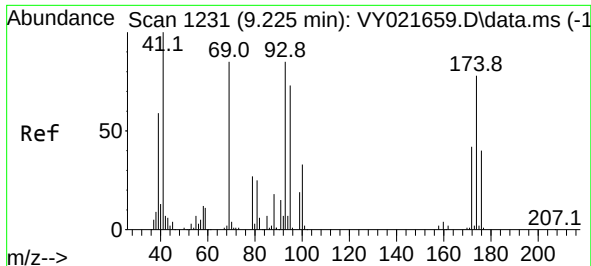
Tgt Ion: 75 Resp: 17712
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.3 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.658 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion: 117 Resp: 22353
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 1.036 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY021758.D

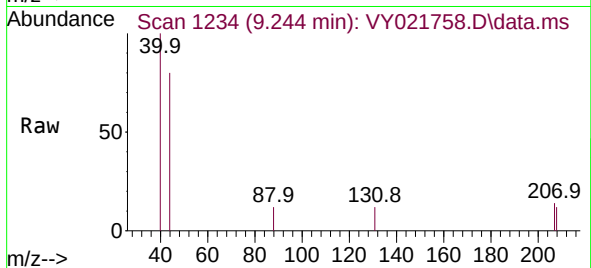
Acq: 02 Apr 2025 14:31

Instrument :

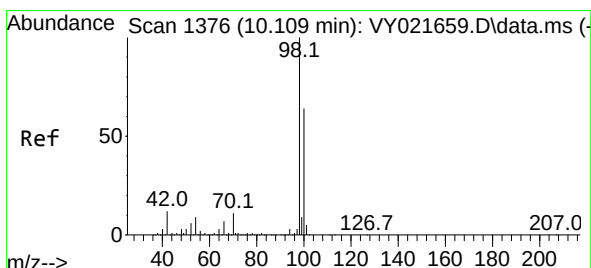
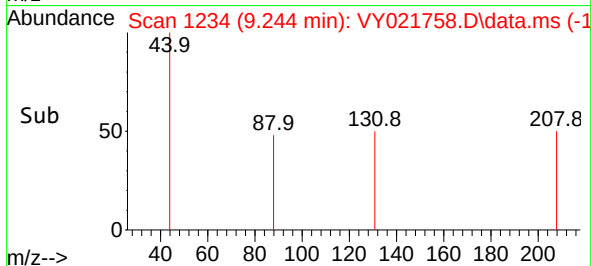
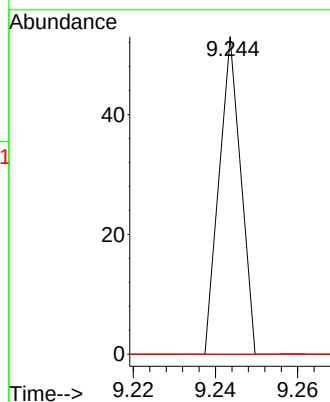
MSVOA_Y

ClientSampleId :

WCS-TP-3-VOC



Tgt Ion:	88	Resp:	19
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.8	43.2#
58	0.0	59.4	89.2#



#50

Toluene-d8

Concen: 50.444 ug/l

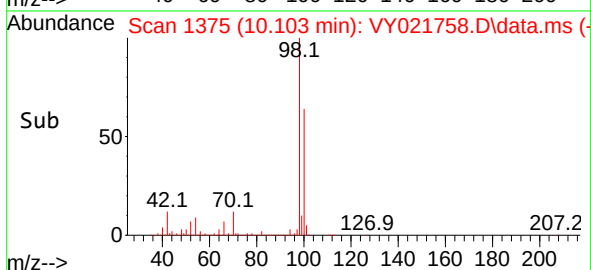
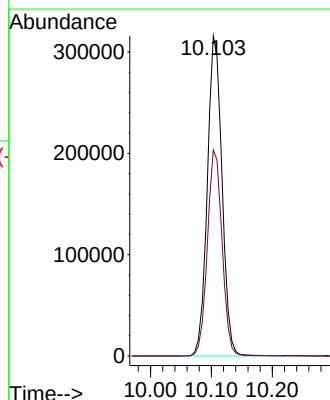
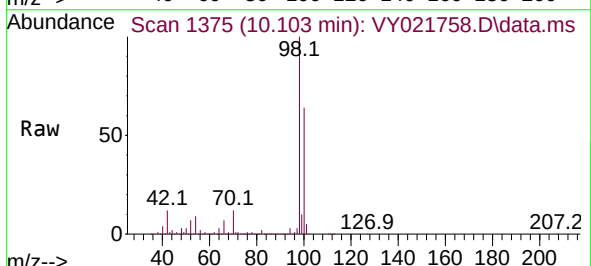
RT: 10.103 min Scan# 1375

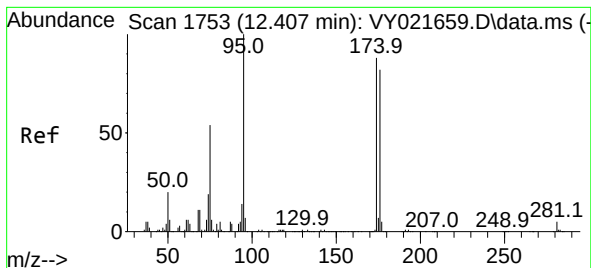
Delta R.T. -0.006 min

Lab File: VY021758.D

Acq: 02 Apr 2025 14:31

Tgt Ion:	98	Resp:	527896
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

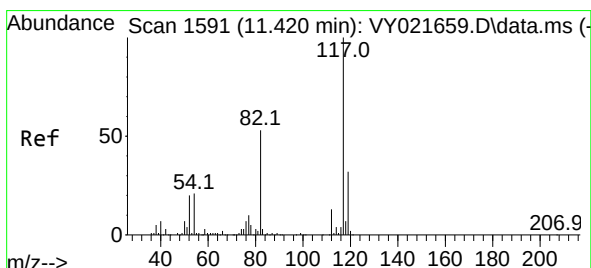
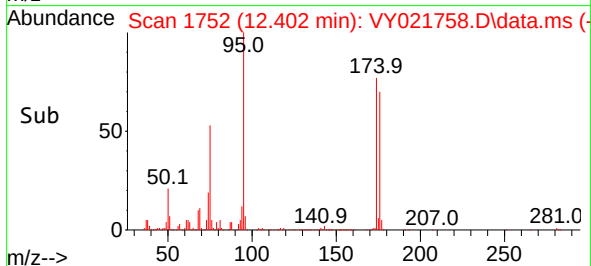
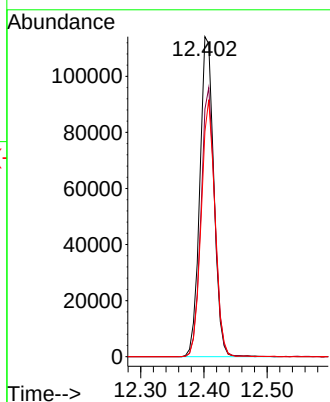
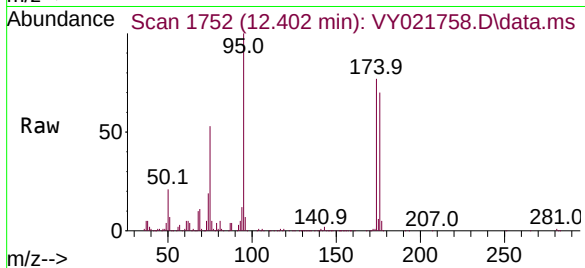




#62
4-Bromofluorobenzene
Concen: 49.787 ug/l
RT: 12.402 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

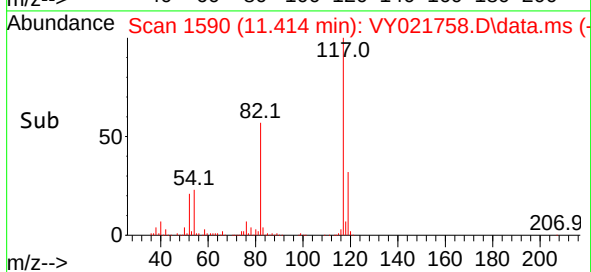
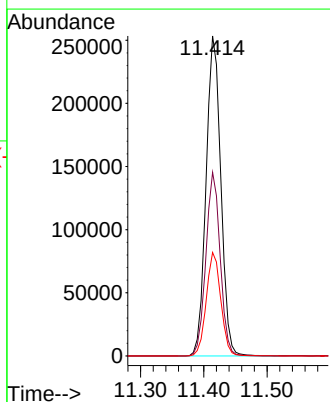
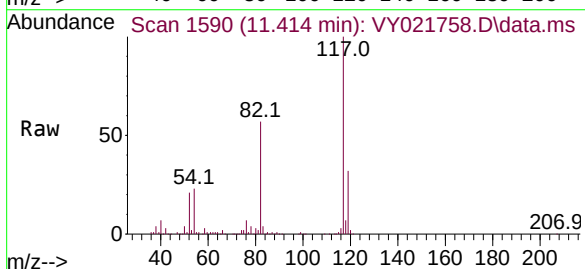
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-3-VOC

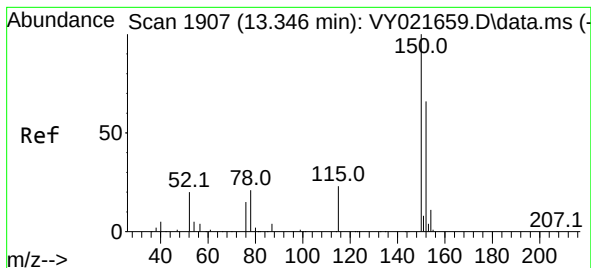
Tgt Ion: 95 Resp: 176232
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 79.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021758.D
Acq: 02 Apr 2025 14:31

Tgt Ion: 117 Resp: 411281
Ion Ratio Lower Upper
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82 57.4 42.8 64.2
119 32.4 25.7 38.5

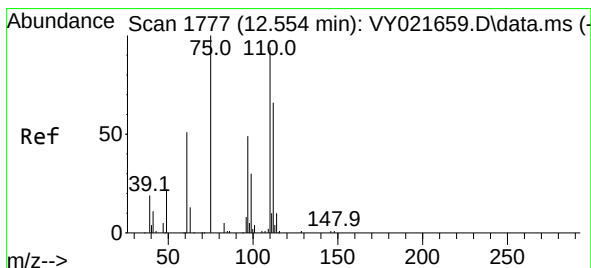
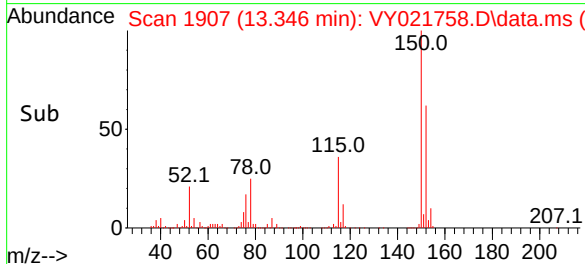
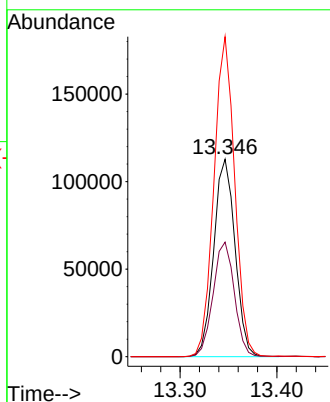
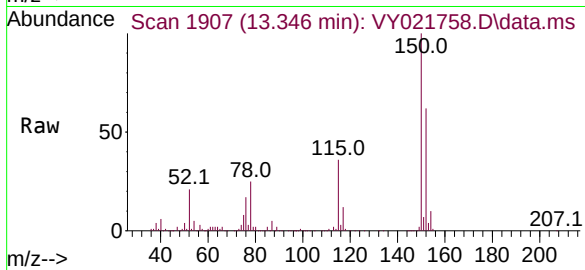




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021758.D
 Acq: 02 Apr 2025 14:31

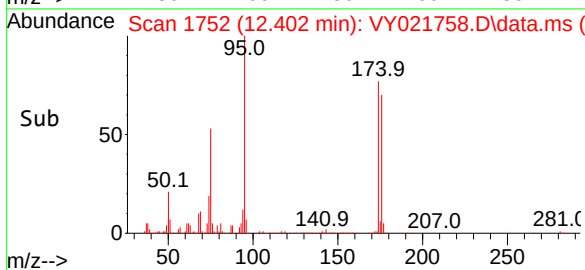
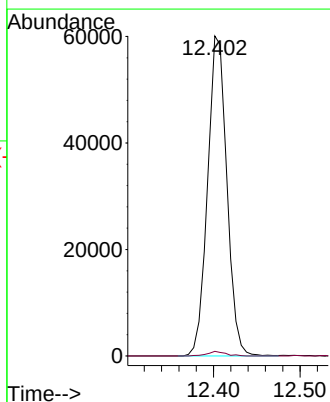
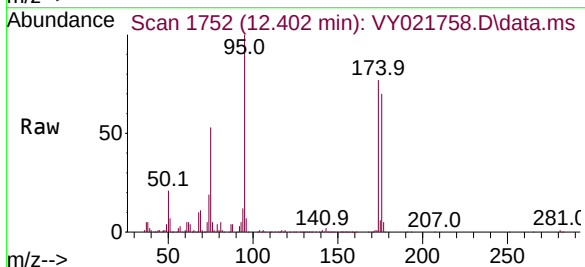
Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-3-VOC

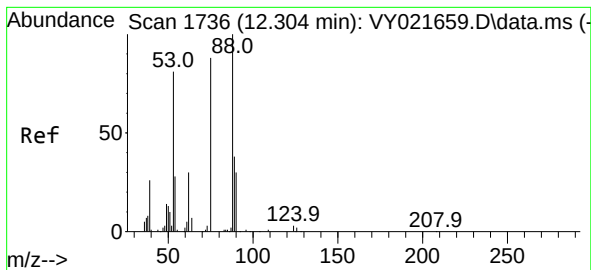
Tgt Ion:152 Resp: 172509
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 54.412 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY021758.D
 Acq: 02 Apr 2025 14:31

Tgt Ion: 75 Resp: 93045
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.375 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021758.D
 Acq: 02 Apr 2025 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-3-VOC

Tgt Ion: 75 Resp: 93045
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

