

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021860.D
 Acq On : 11 Apr 2025 15:31
 Operator : SY/MD
 Sample : Q1779-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23-VOC

Quant Time: Apr 12 02:50:30 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)

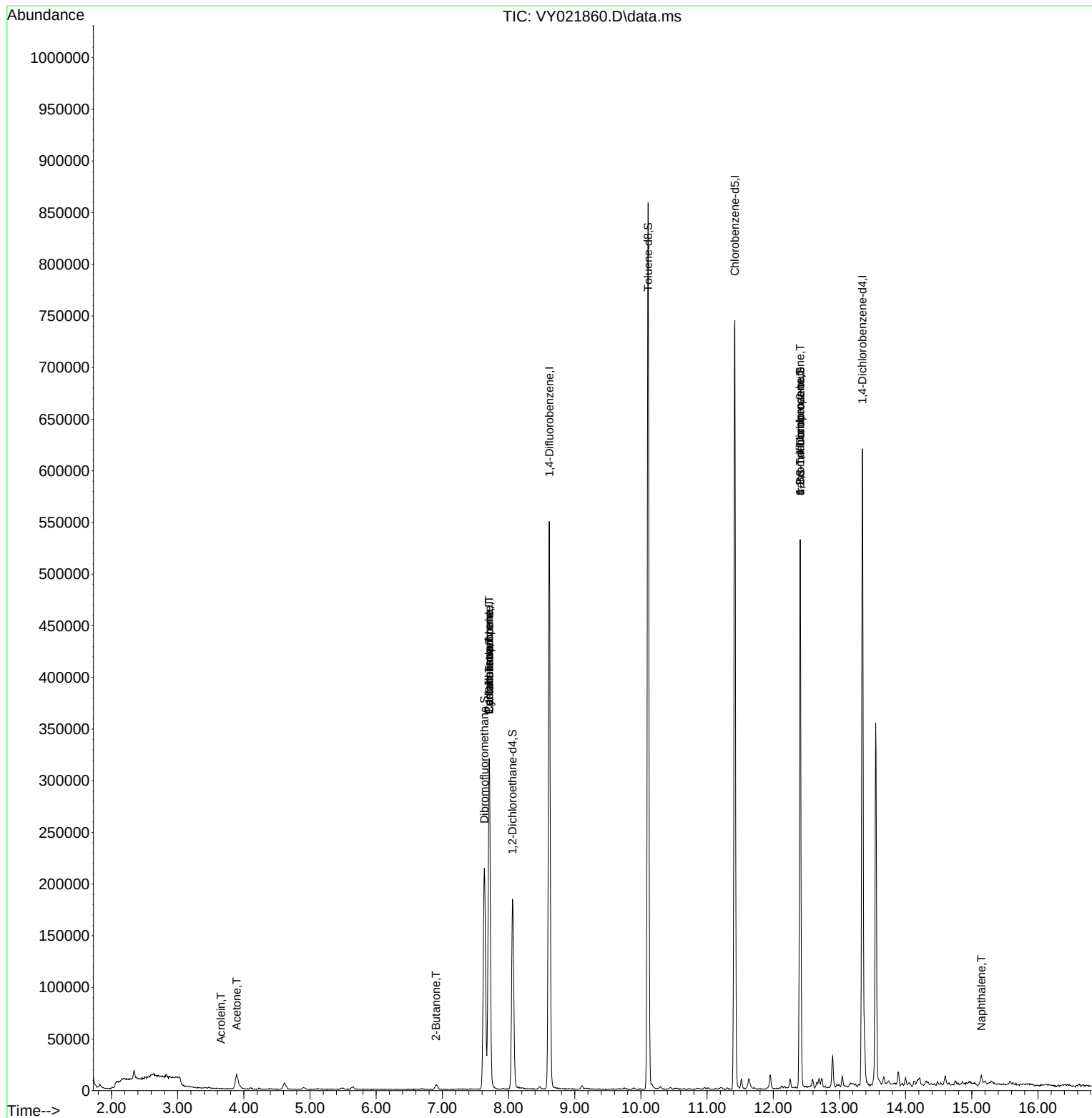
Internal Standards						
1) Pentafluorobenzene	7.707	168	238080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	446079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	387867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143777	55.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.480%
35) Dibromofluoromethane	7.634	113	151014	52.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.109	98	535962	48.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.408	95	153381	41.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.380%
Target Compounds						
					Qvalue	
13) Acrolein	3.653	56	309	1.010	ug/l #	75
16) Acetone	3.891	43	28915	54.771	ug/l	97
20) Methylene Chloride	4.616	84	4297	Below Cal		88
25) 2-Butanone	6.902	43	8073	10.706	ug/l #	85
31) Cyclohexane	7.707	56	6107	1.341	ug/l #	4
36) 1,1-Dichloropropene	7.707	75	19911	4.518	ug/l #	51
38) Carbon Tetrachloride	7.707	117	24945	4.942	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	82568	55.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	82568	128.886	ug/l #	12
95) Naphthalene	15.145	128	6354	1.552	ug/l	97

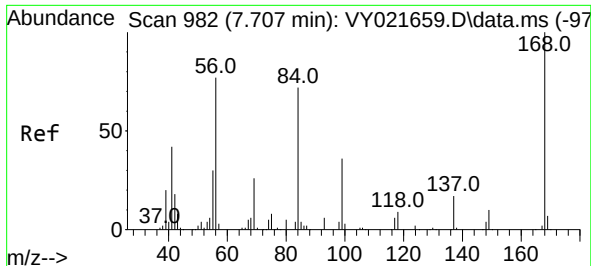
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

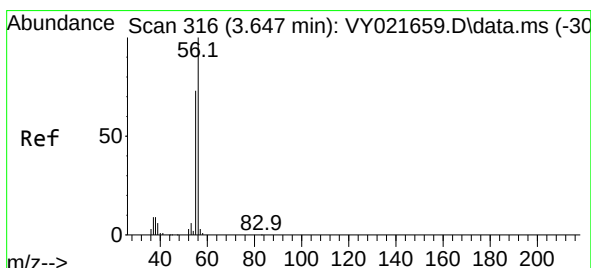
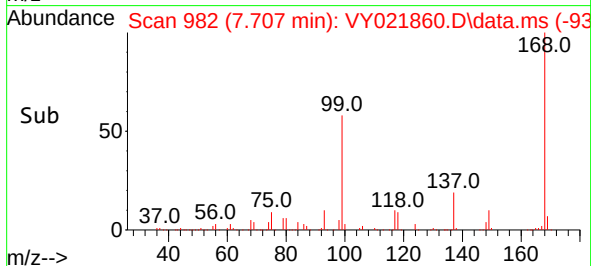
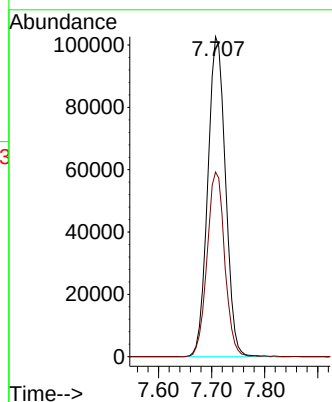
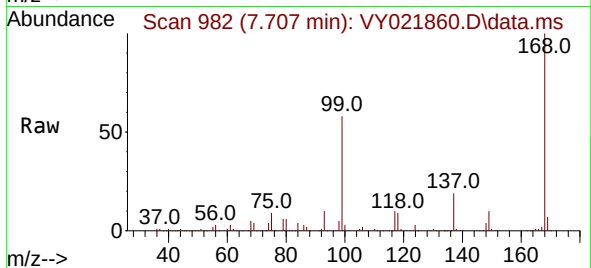




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

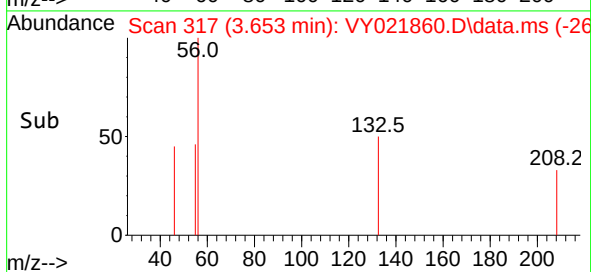
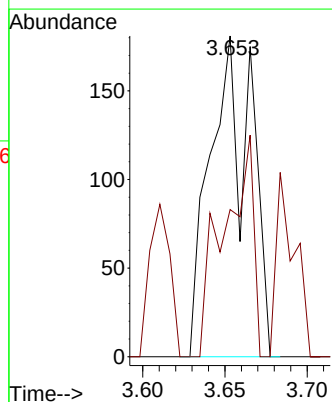
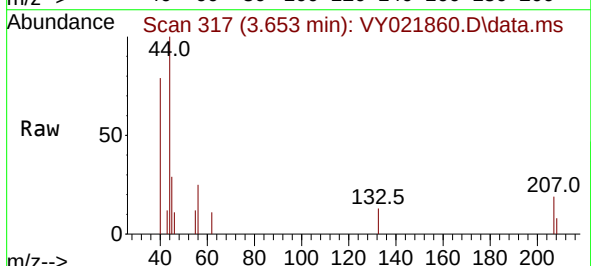
Instrument :
MSVOA_Y
ClientSampleId :
TP-23-VOC

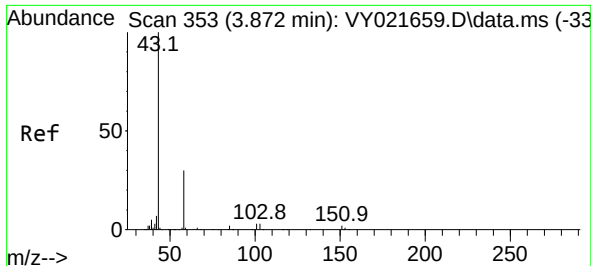
Tgt Ion:168 Resp: 238080
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#13
Acrolein
Concen: 1.010 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 50.5 56.6 85.0#

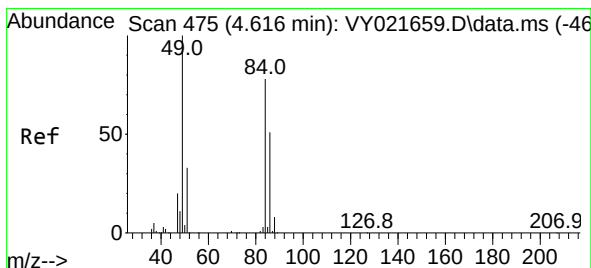
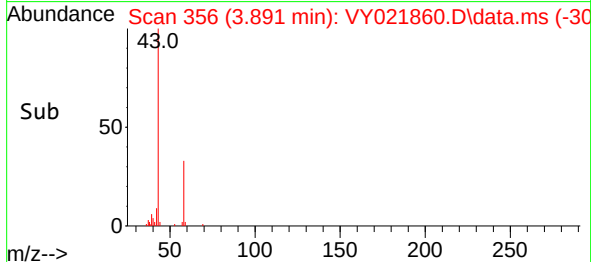
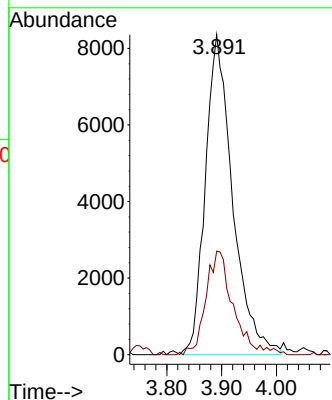
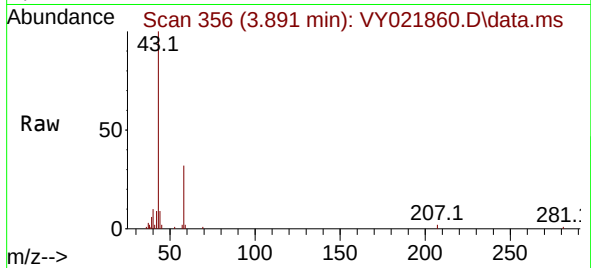




#16
Acetone
Concen: 54.771 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

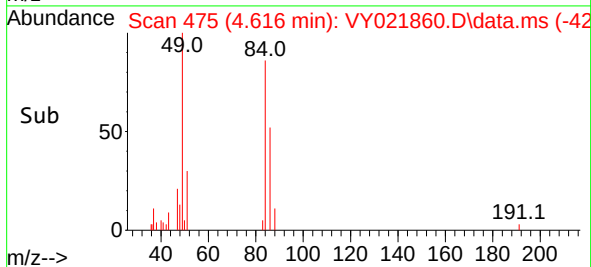
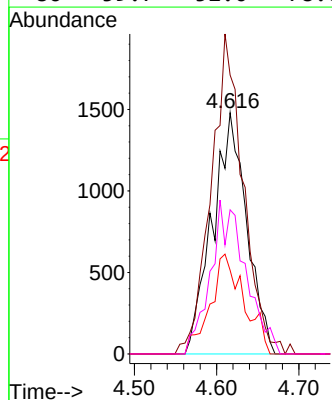
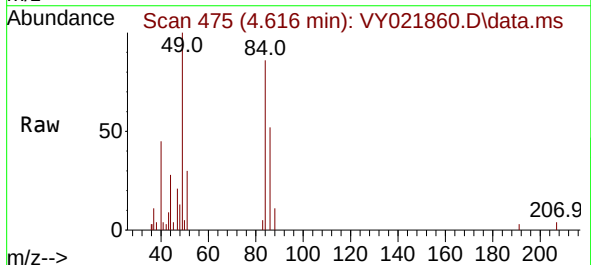
Instrument :
MSVOA_Y
ClientSampleId :
TP-23-VOC

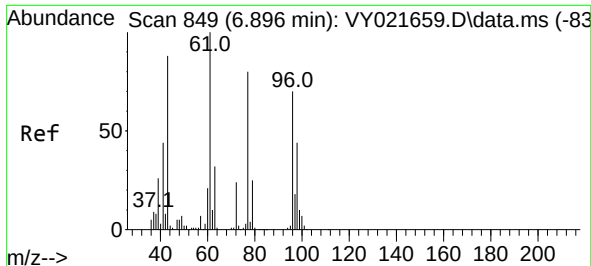
Tgt Ion: 43 Resp: 28915
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 84 Resp: 4297
Ion Ratio Lower Upper
84 100
49 111.6 102.8 154.2
51 34.7 33.5 50.3
86 59.7 52.0 78.0

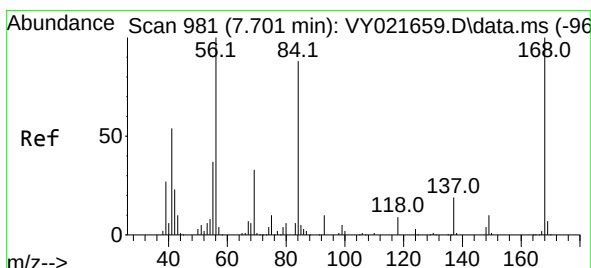
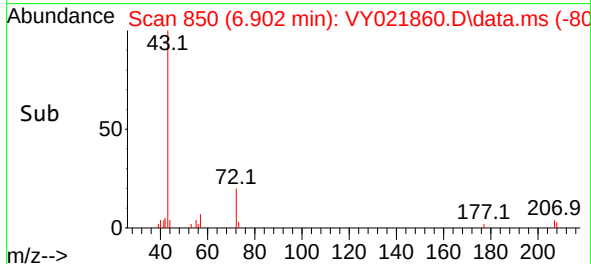
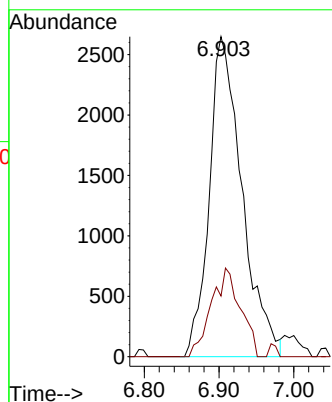
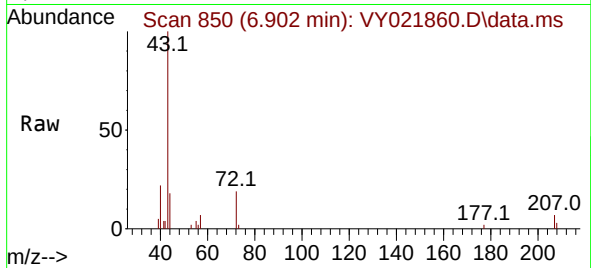




#25
2-Butanone
Concen: 10.706 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

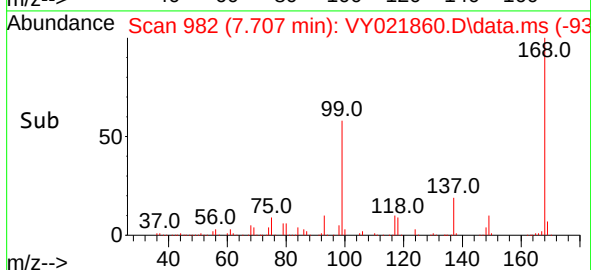
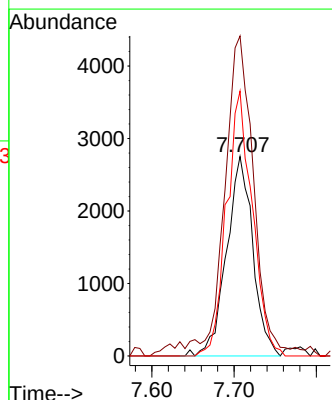
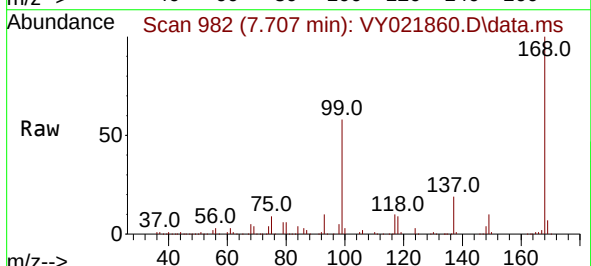
Instrument :
MSVOA_Y
ClientSampleId :
TP-23-VOC

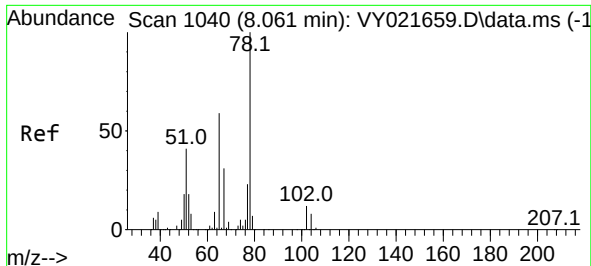
Tgt Ion: 43 Resp: 8073
Ion Ratio Lower Upper
43 100
72 19.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 56 Resp: 6107
Ion Ratio Lower Upper
56 100
69 153.6 26.6 40.0#
84 132.7 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 55.738 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021860.D

Acq: 11 Apr 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

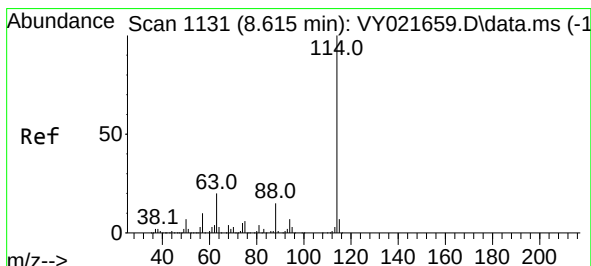
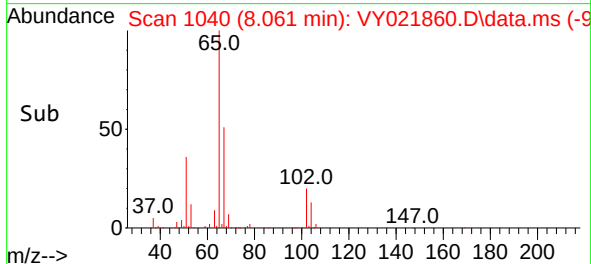
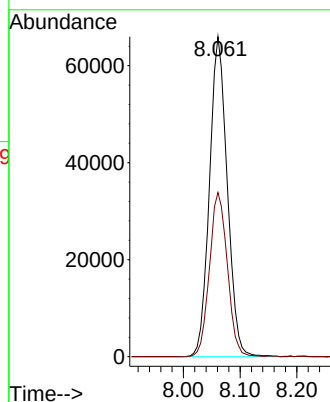
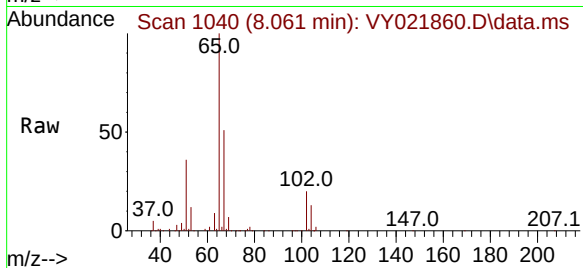
TP-23-VOC

Tgt Ion: 65 Resp: 143777

Ion Ratio Lower Upper

65 100

67 51.5 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: VY021860.D

Acq: 11 Apr 2025 15:31

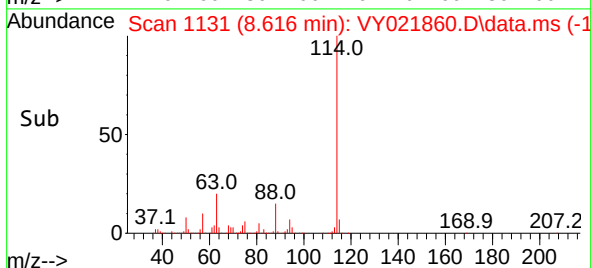
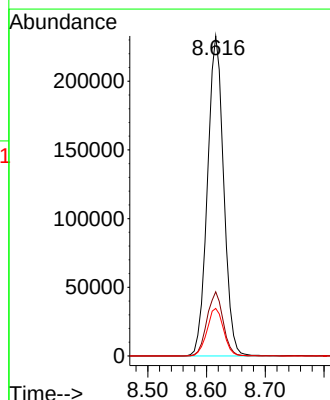
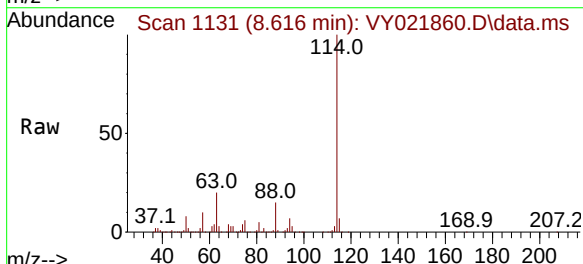
Tgt Ion: 114 Resp: 446079

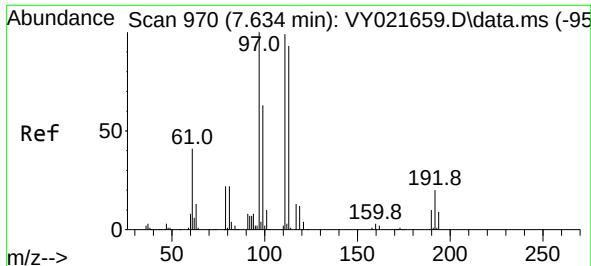
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.9 0.0 29.8

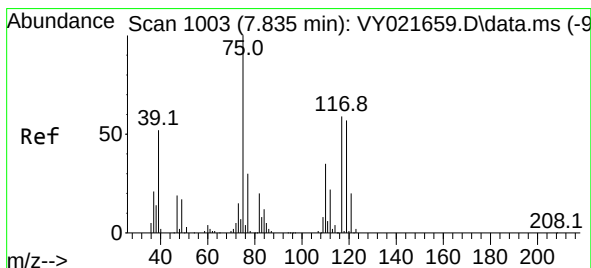
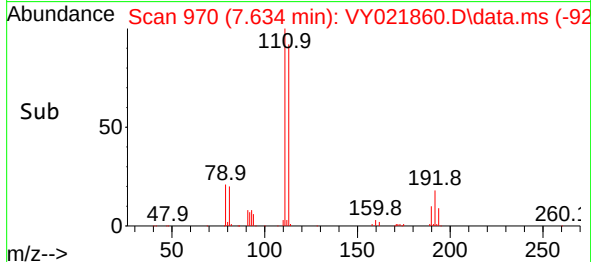
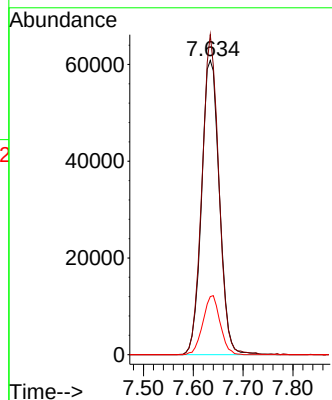
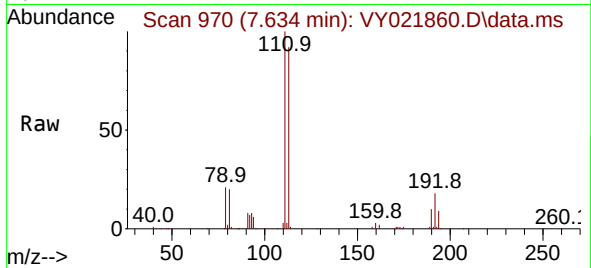




#35
Dibromofluoromethane
Concen: 52.188 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

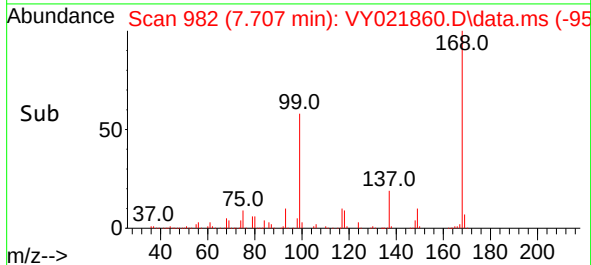
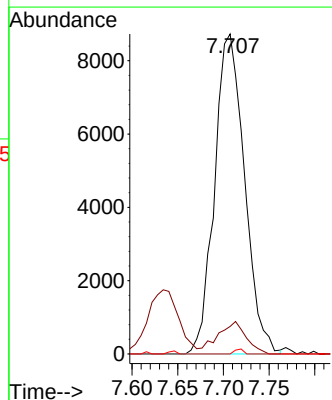
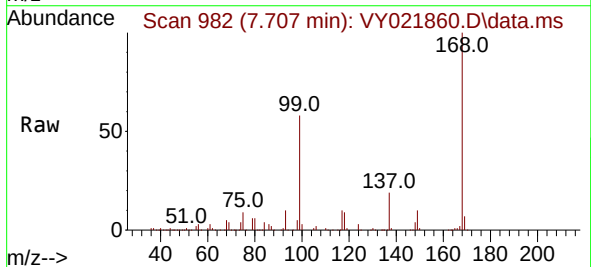
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ClientSampleId :
TP-23-VOC

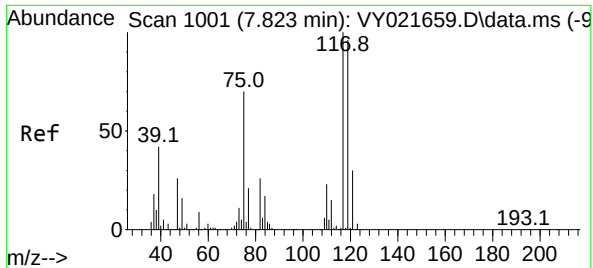
Tgt Ion:113 Resp: 151014
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 75 Resp: 19911
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.4 24.8 37.2#

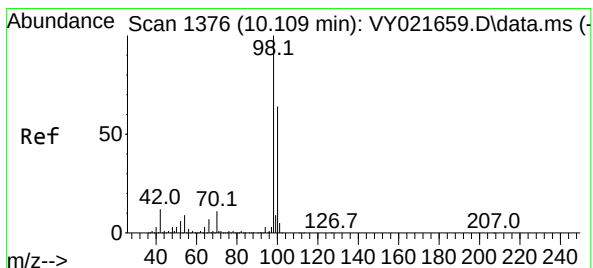
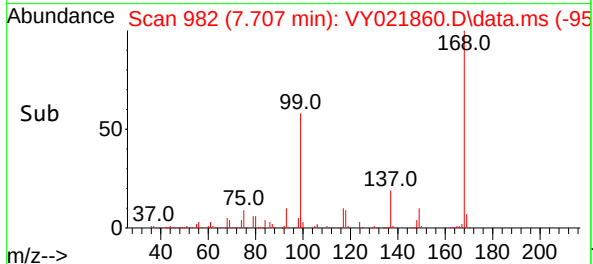
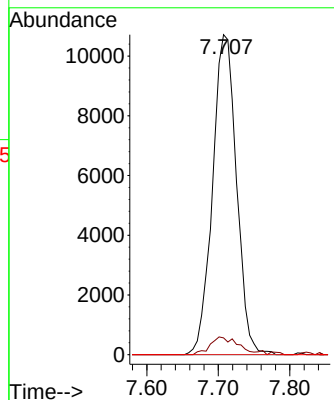
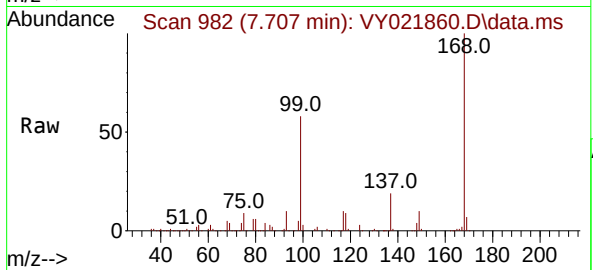




#38
Carbon Tetrachloride
Concen: 4.942 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

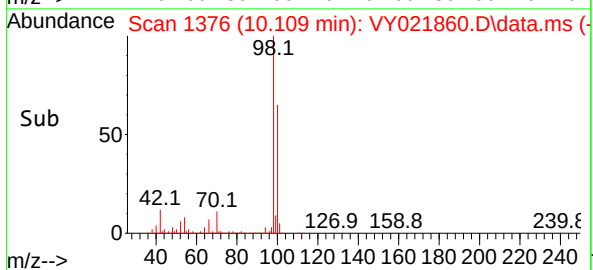
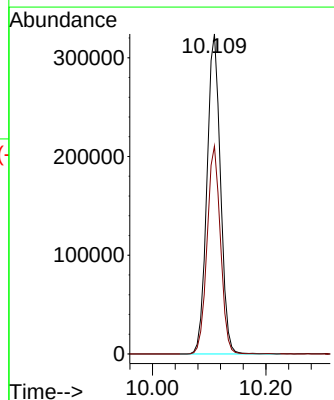
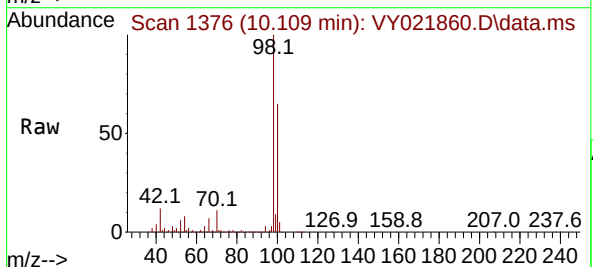
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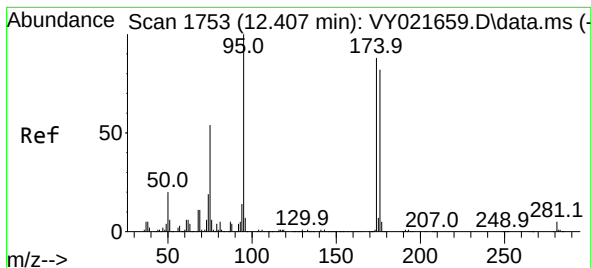
Tgt Ion:117 Resp: 24945
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.687 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 98 Resp: 535962
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

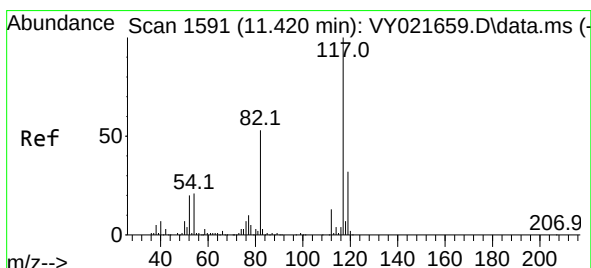
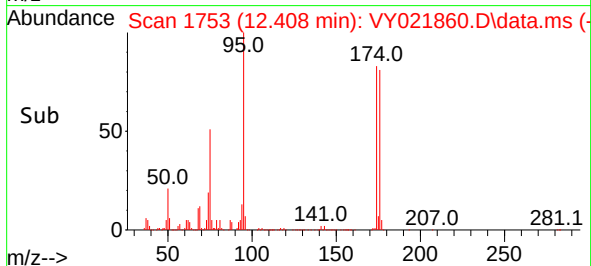
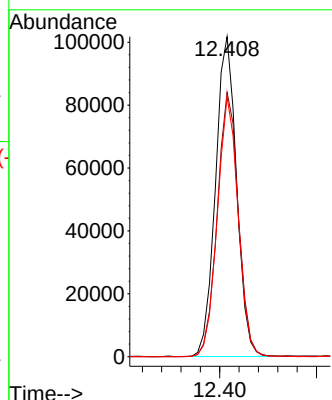
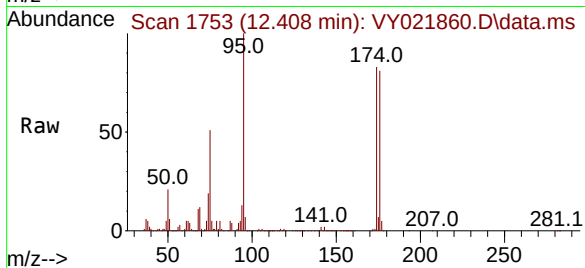




#62
4-Bromofluorobenzene
Concen: 41.192 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

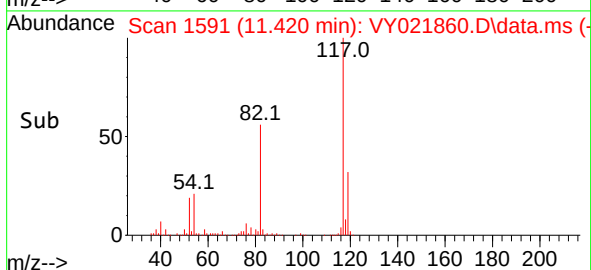
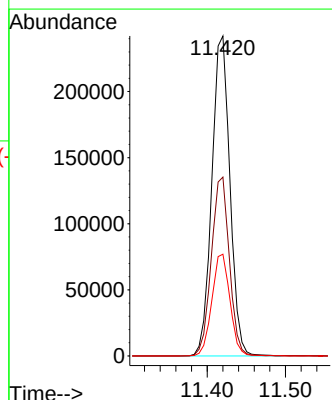
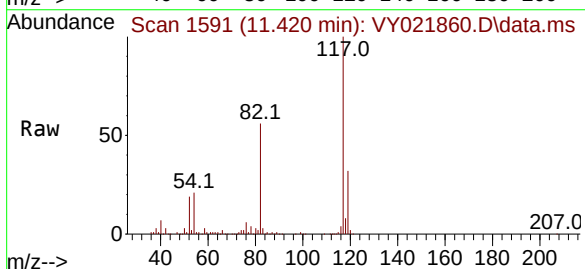
Instrument :
MSVOA_Y
ClientSampleId :
TP-23-VOC

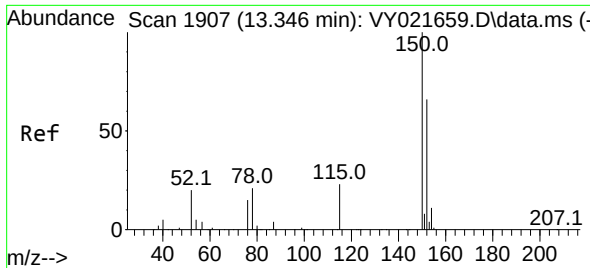
Tgt Ion: 95 Resp: 153381
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.8
176 80.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 117 Resp: 387867
Ion Ratio Lower Upper
117 100
82 55.9 42.8 64.2
119 31.8 25.7 38.5

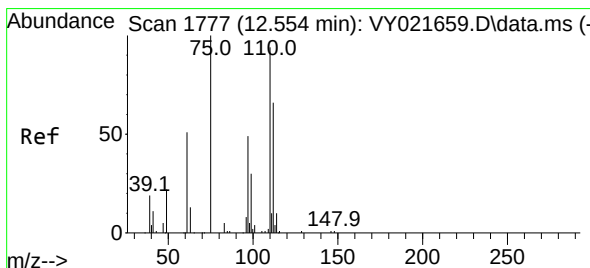
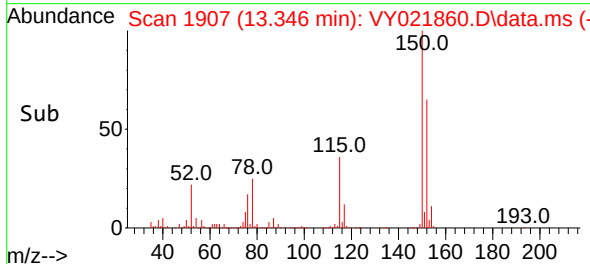
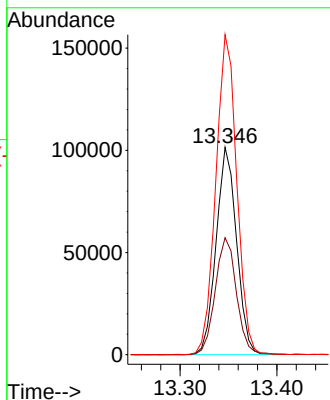
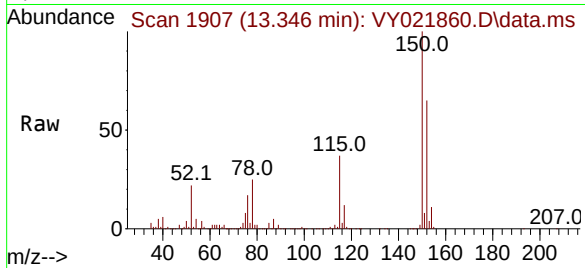




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021860.D
 Acq: 11 Apr 2025 15:31

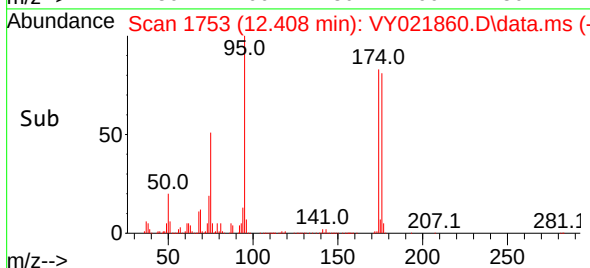
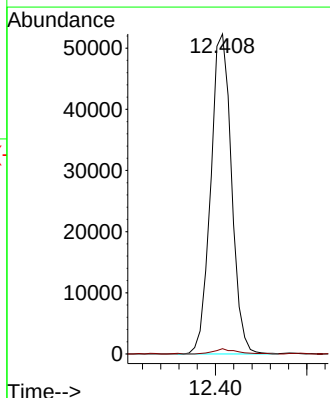
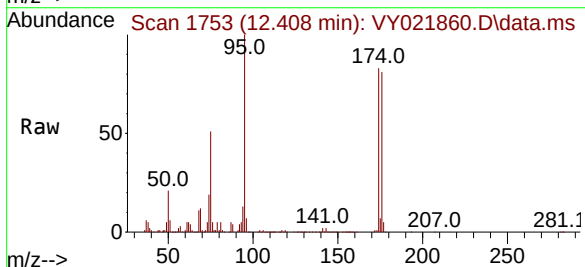
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23-VOC

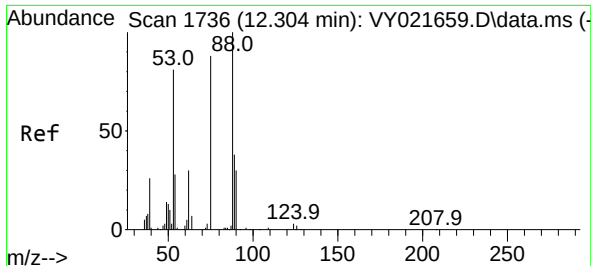
Tgt Ion:152 Resp: 148913
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.8 86.5
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 55.936 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021860.D
 Acq: 11 Apr 2025 15:31

Tgt Ion: 75 Resp: 82568
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

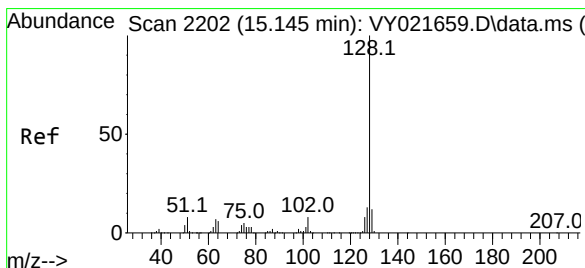
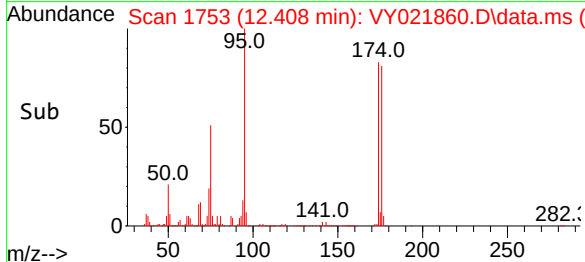
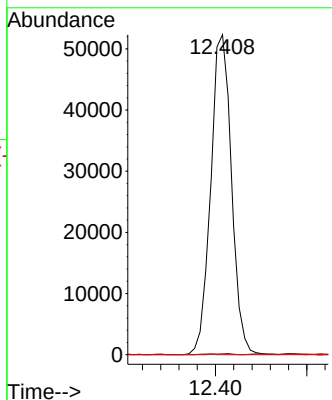
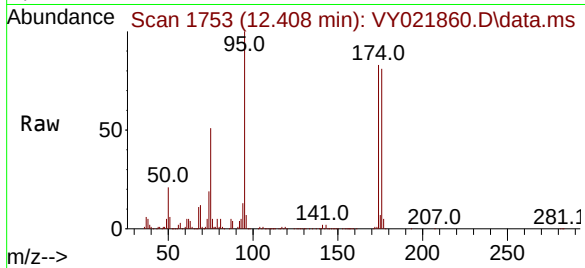




#81
trans-1,4-Dichloro-2-butene
Concen: 128.886 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-23-VOC

Tgt Ion: 75 Resp: 82568
Ion Ratio Lower Upper
75 100
53 0.3 76.1 114.1#
89 0.1 36.2 54.4#



#95
Naphthalene
Concen: 1.552 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021860.D
Acq: 11 Apr 2025 15:31

Tgt Ion: 128 Resp: 6354
Ion Ratio Lower Upper
128 100
127 15.8 10.8 16.2
129 11.0 8.8 13.2

