

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022091.D
 Acq On : 30 Apr 2025 18:39
 Operator : SY/MD
 Sample : Q1916-03
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-12-VOC

Quant Time: May 01 01:40:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

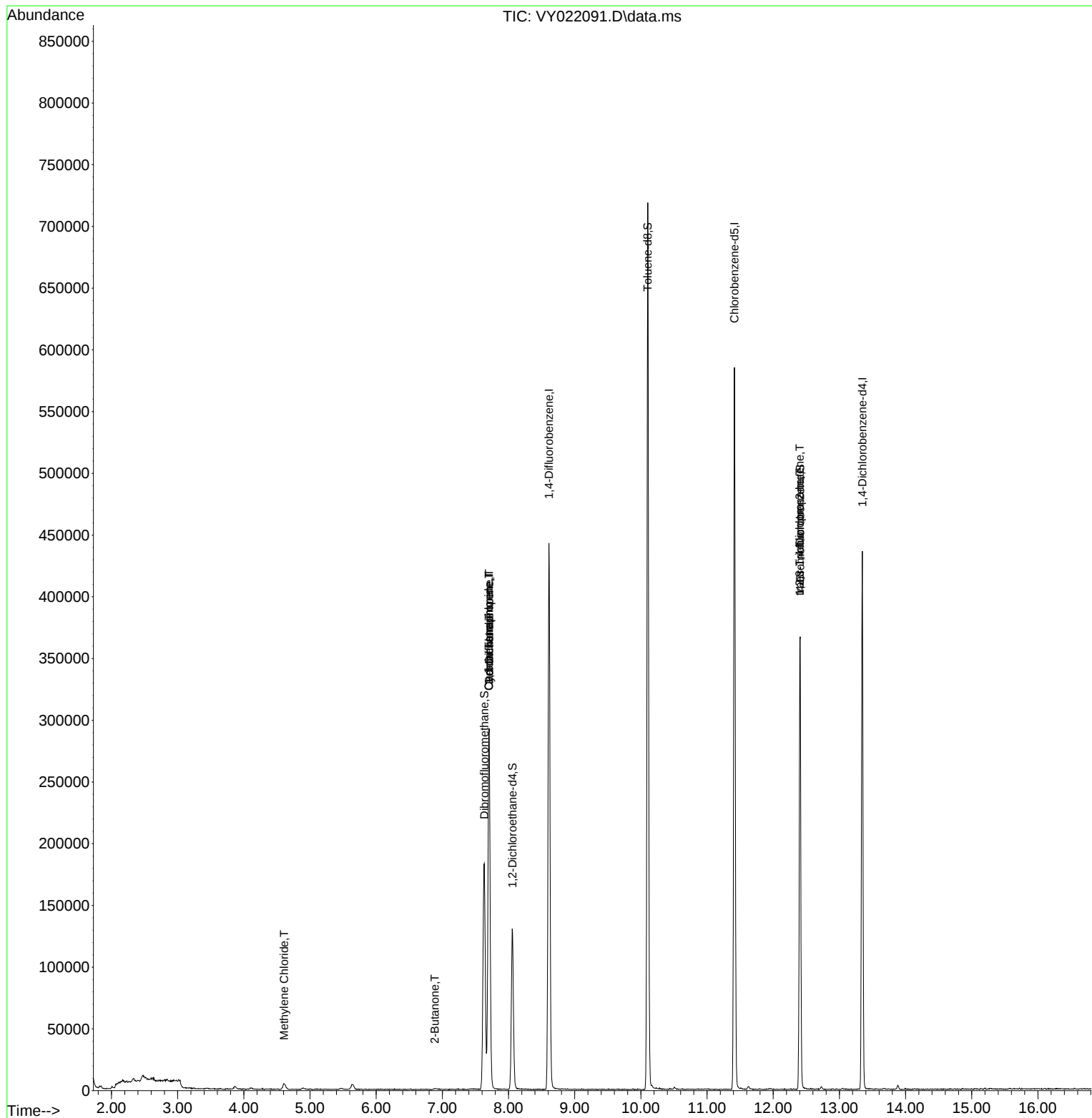
Internal Standards						
1) Pentafluorobenzene	7.707	168	233861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	396251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101039	46.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.540%
35) Dibromofluoromethane	7.634	113	133808	51.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.103	98	468772	47.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.407	95	114081	34.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.680%
Target Compounds						
16) Acetone	3.866	43	3929	Below Cal		97
20) Methylene Chloride	4.610	84	3678	1.347	ug/l	88
25) 2-Butanone	6.884	43	592	1.202	ug/l	92
31) Cyclohexane	7.701	56	4415	1.236	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	16990	4.832	ug/l #	47
38) Carbon Tetrachloride	7.701	117	23475	5.587	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	54218	54.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	54218	130.583	ug/l #	16

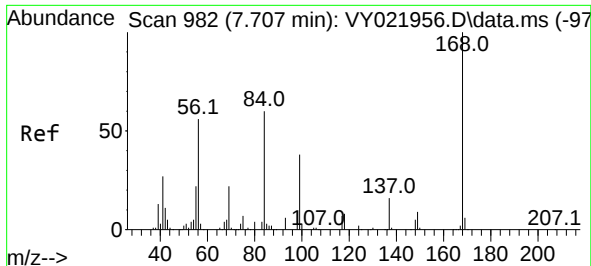
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
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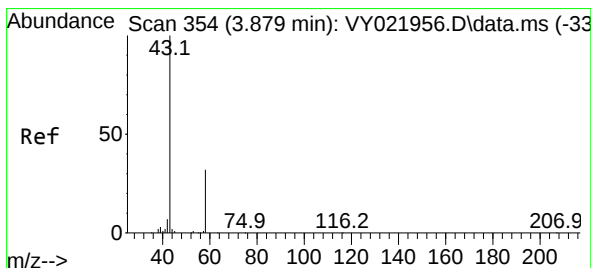
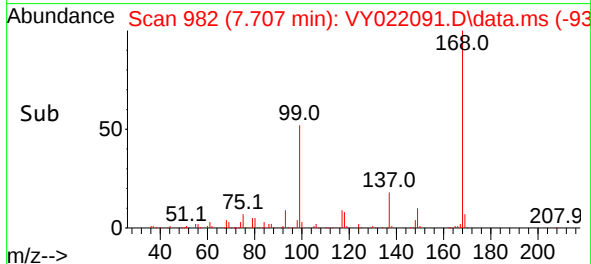
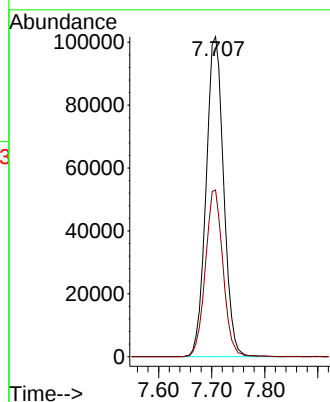
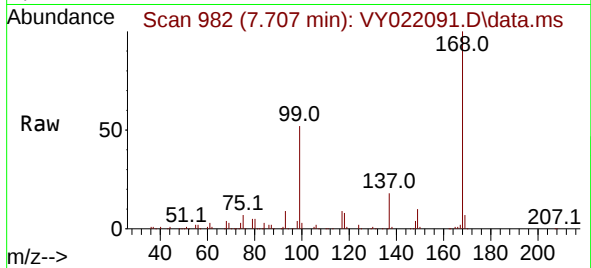




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

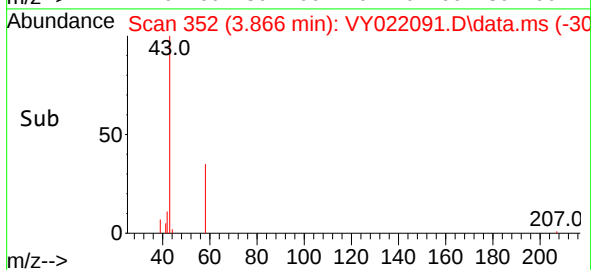
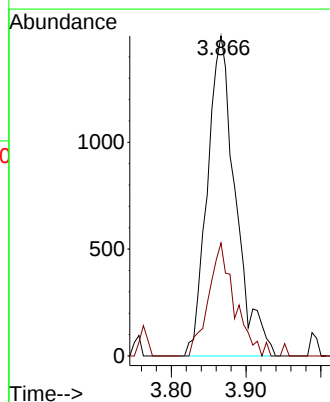
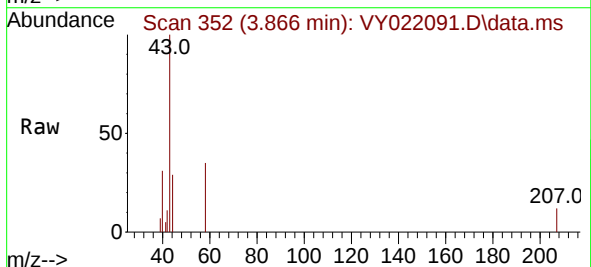
Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

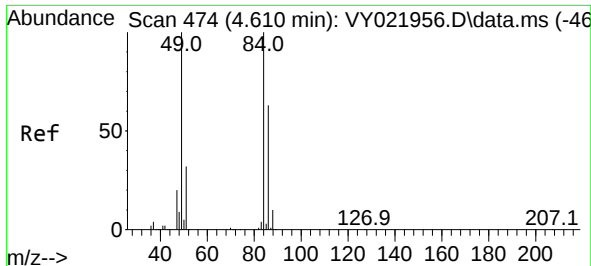
Tgt Ion:168 Resp: 233861
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
58 35.3 27.0 40.4



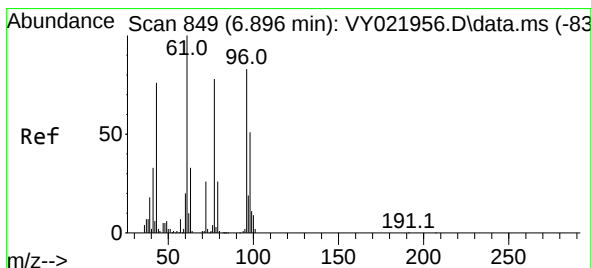
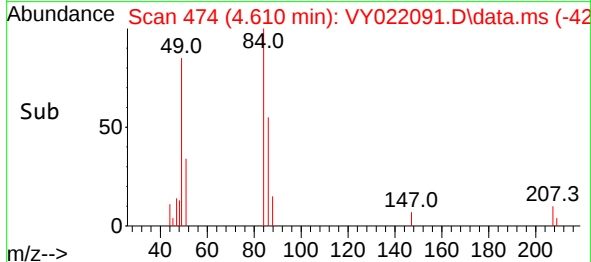
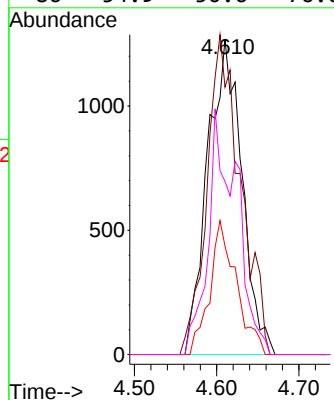
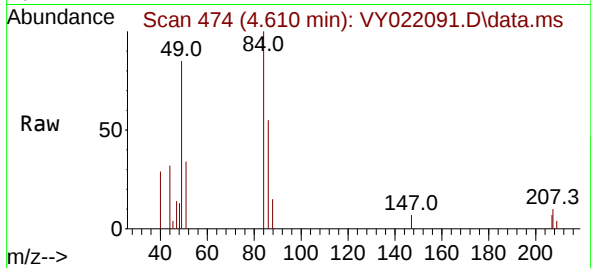


#20
Methylene Chloride
Concen: 1.347 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

Tgt Ion: 84 Resp: 3678

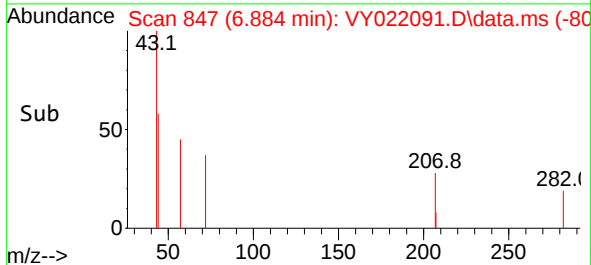
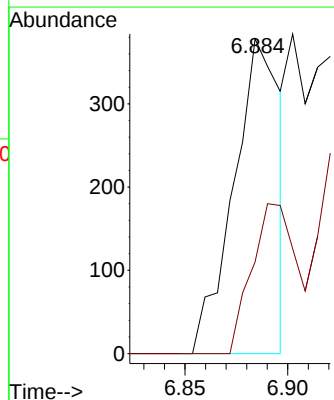
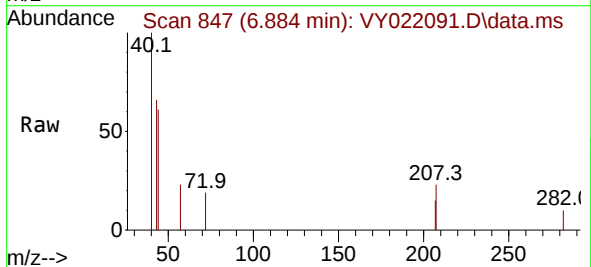
Ion	Ratio	Lower	Upper
84	100		
49	84.8	79.9	119.9
51	34.4	25.4	38.0
86	54.9	50.6	76.0

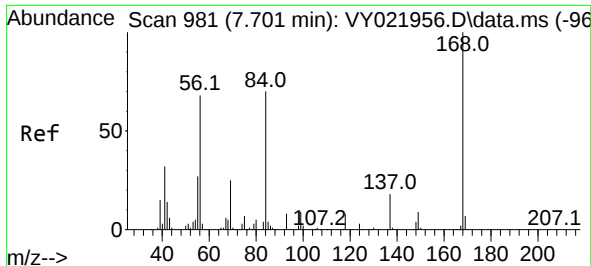


#25
2-Butanone
Concen: 1.202 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion: 43 Resp: 592

Ion	Ratio	Lower	Upper
43	100		
72	29.1	27.0	40.4

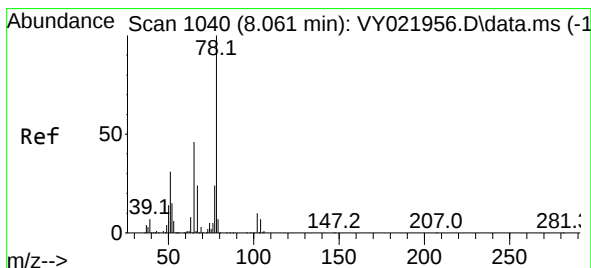
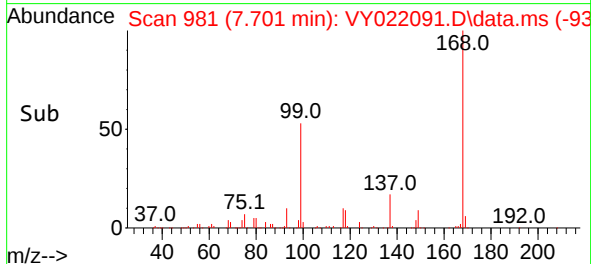
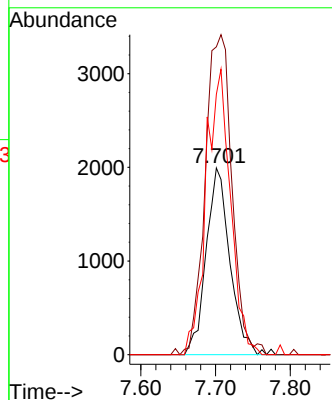
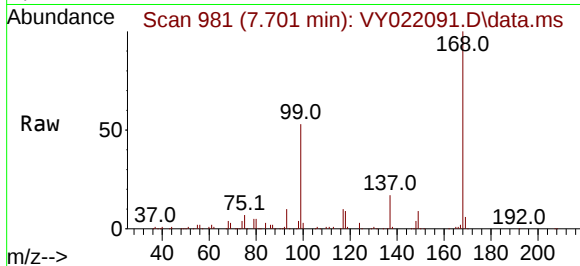




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

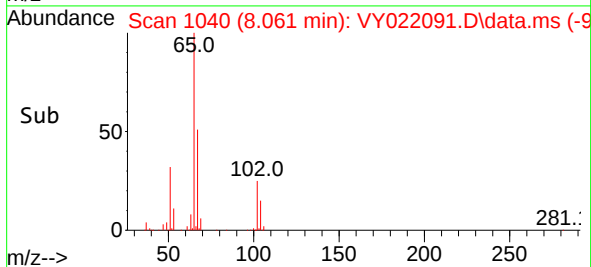
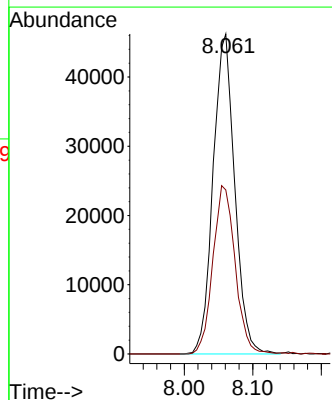
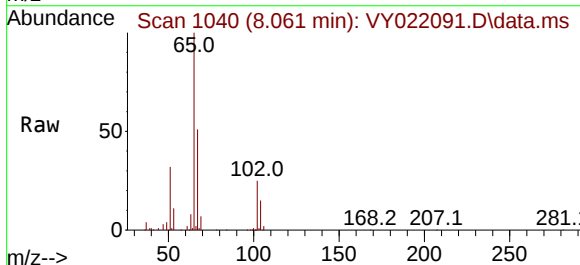
Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

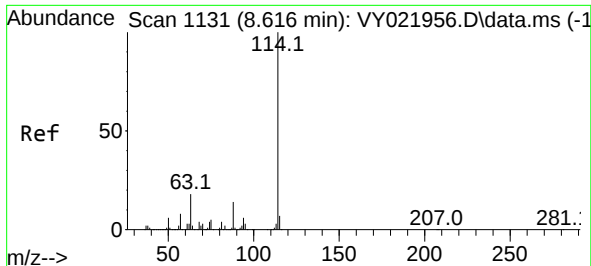
Tgt Ion: 56 Resp: 4415
Ion Ratio Lower Upper
56 100
69 164.9 29.4 44.2#
84 139.5 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 46.774 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion: 65 Resp: 101039
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.8

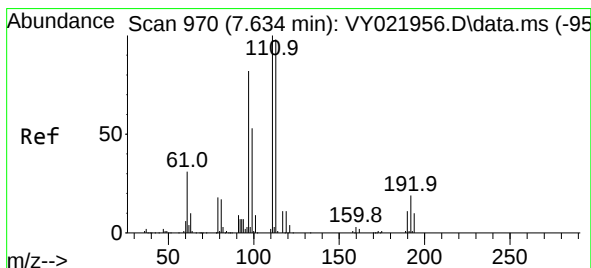
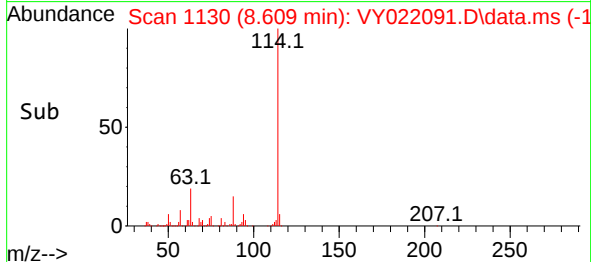
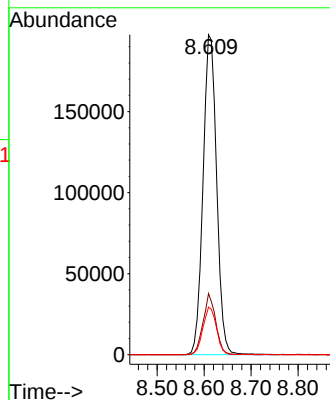
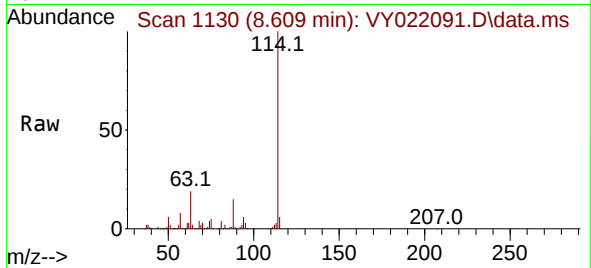




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

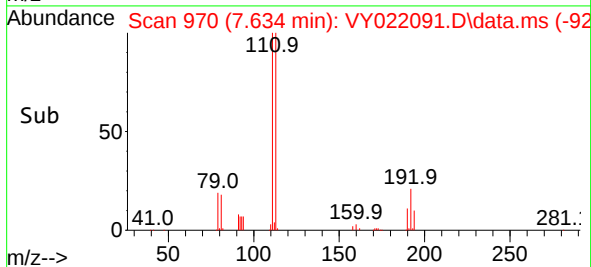
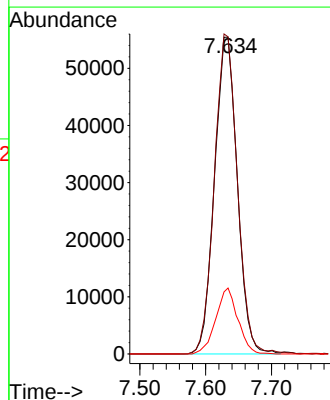
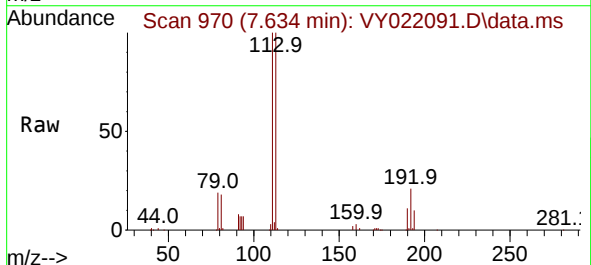
Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

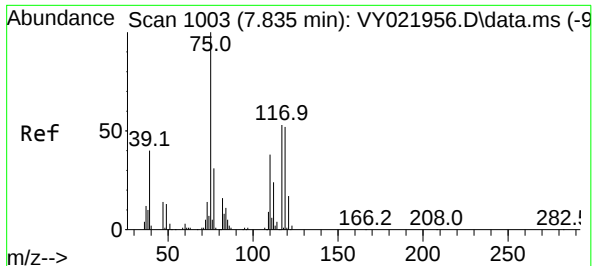
Tgt Ion:114 Resp: 396251
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.4
88 14.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 51.114 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion:113 Resp: 133808
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.1 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.832 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY022091.D

Acq: 30 Apr 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

WC-12-VOC

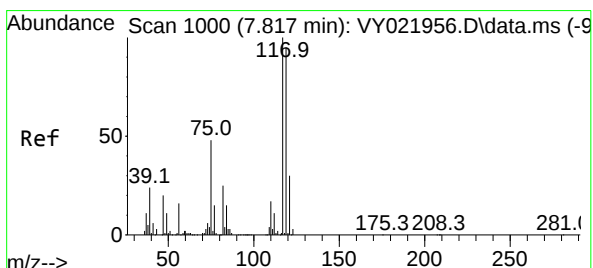
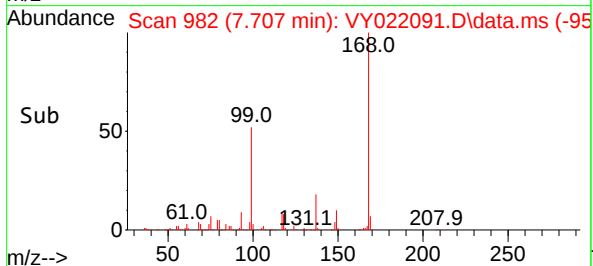
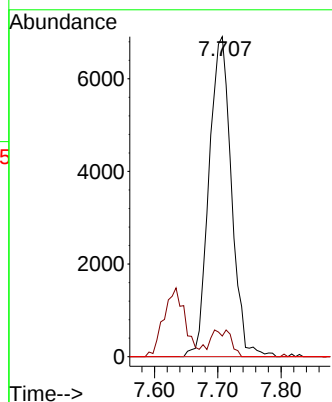
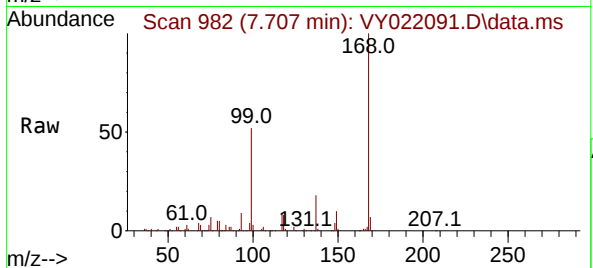
Tgt Ion: 75 Resp: 16990

Ion Ratio Lower Upper

75 100

110 8.0 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.587 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY022091.D

Acq: 30 Apr 2025 18:39

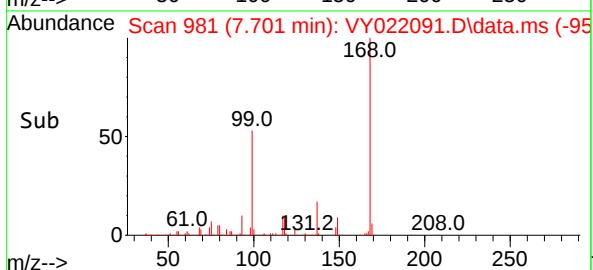
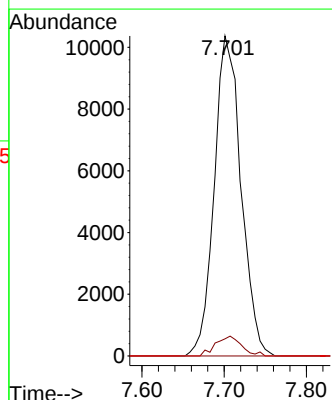
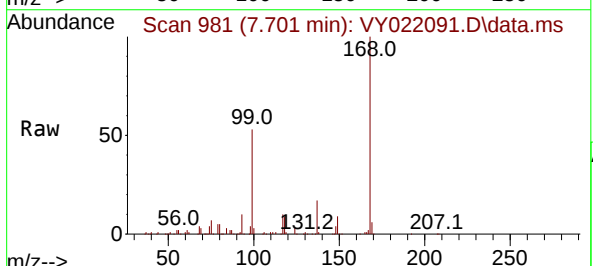
Tgt Ion: 117 Resp: 23475

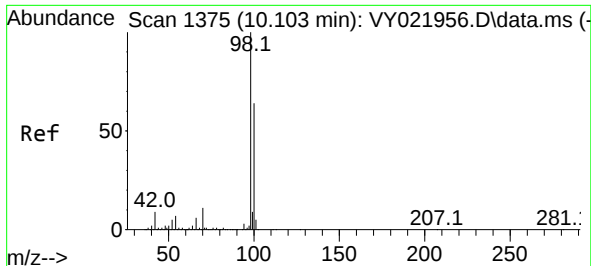
Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.4#

121 0.0 24.0 36.0#

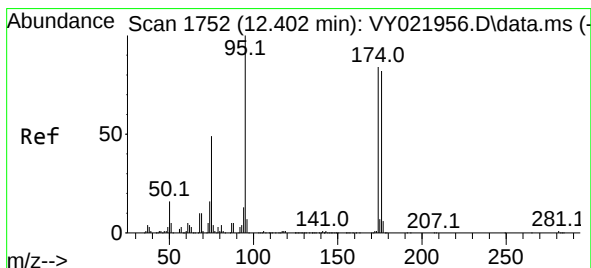
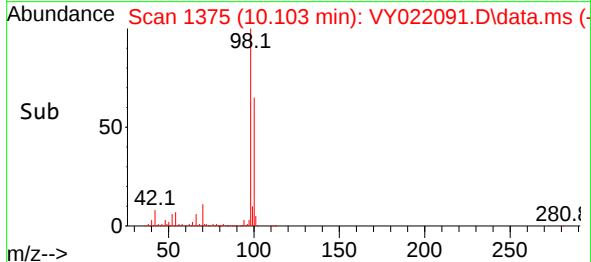
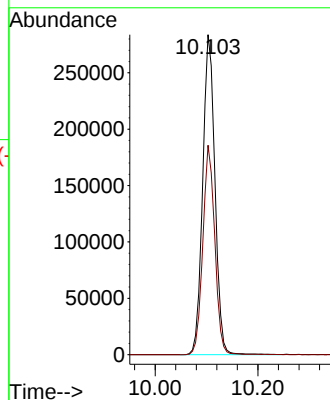
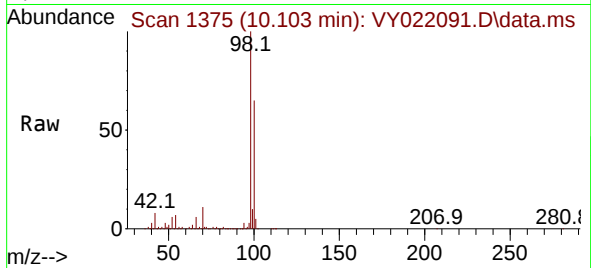




#50
Toluene-d8
Concen: 47.498 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

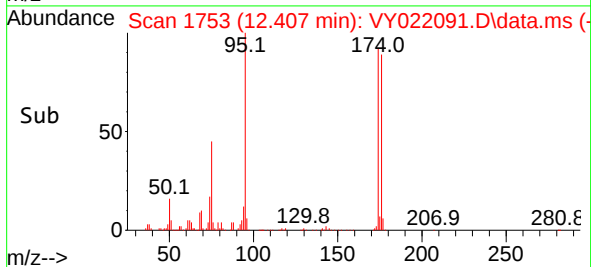
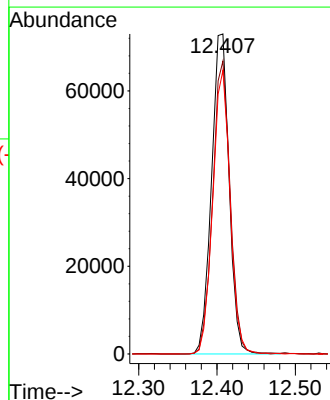
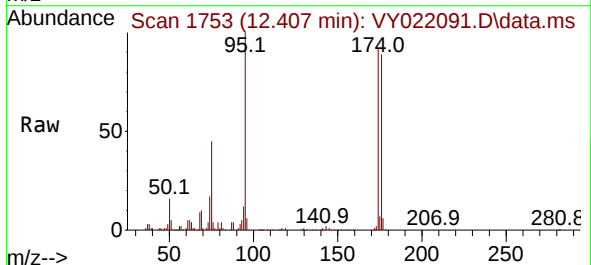
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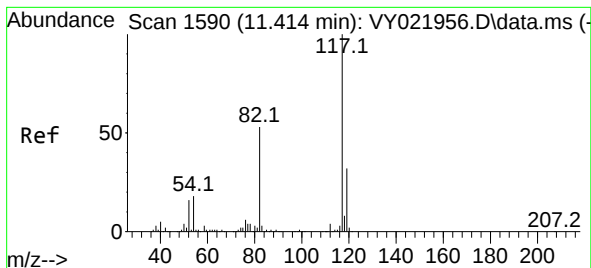
Tgt Ion: 98 Resp: 468772
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.337 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion: 95 Resp: 114081
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.0
176 87.3 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY022091.D

Acq: 30 Apr 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

WC-12-VOC

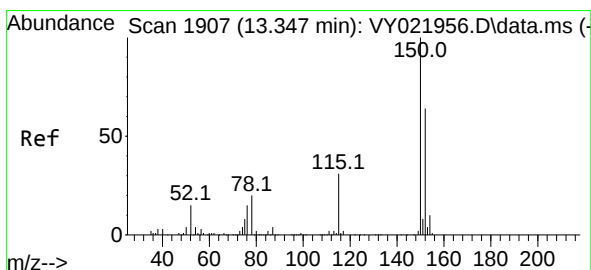
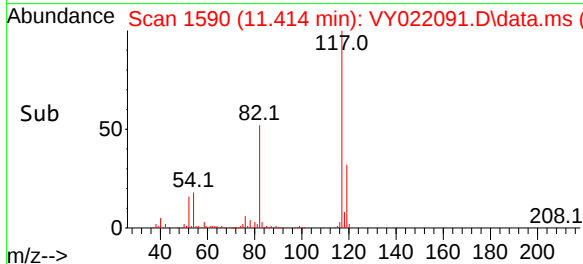
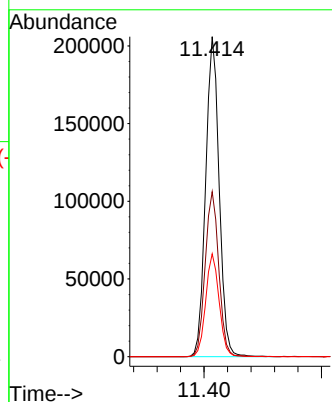
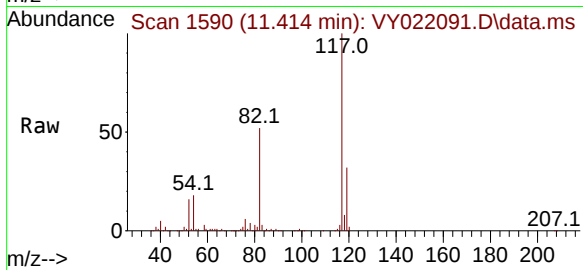
Tgt Ion:117 Resp: 329216

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

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: VY022091.D

Acq: 30 Apr 2025 18:39

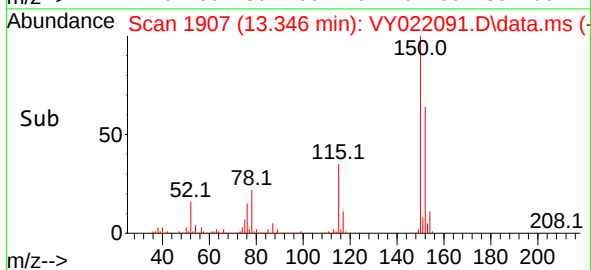
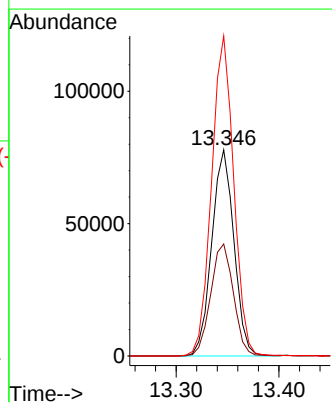
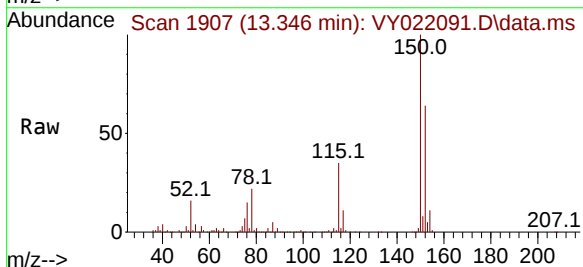
Tgt Ion:152 Resp: 116731

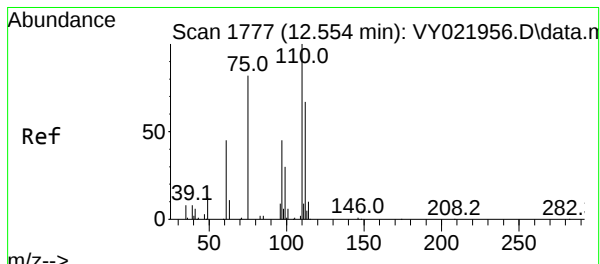
Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

150 154.7 0.0 345.6

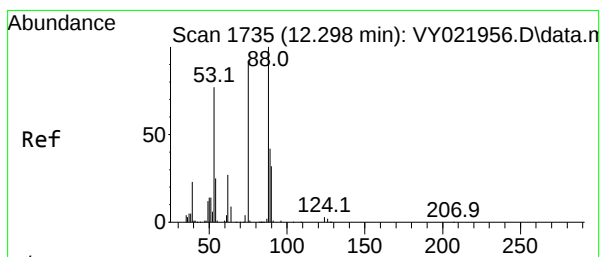
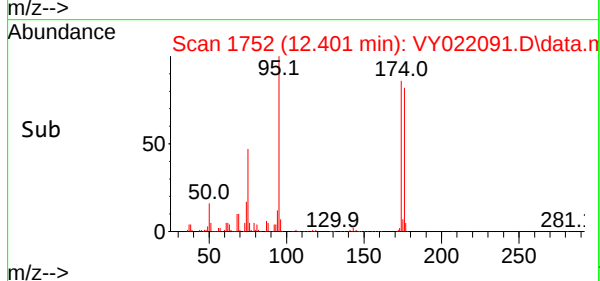
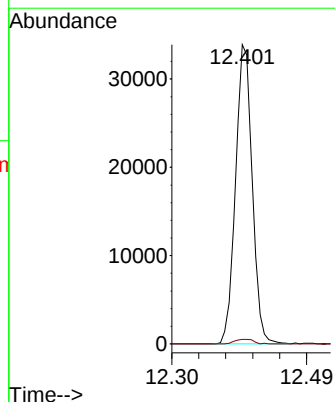
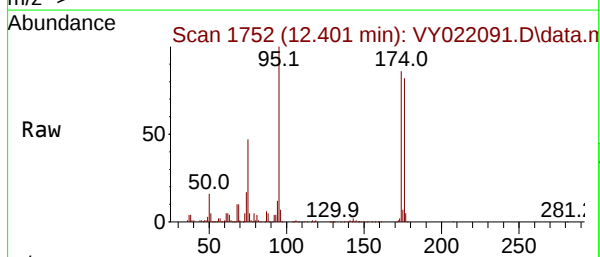




#76
1,2,3-Trichloropropane
Concen: 54.226 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

Tgt Ion: 75 Resp: 54218
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.583 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.103 min
Lab File: VY022091.D
Acq: 30 Apr 2025 18:39

Tgt Ion: 75 Resp: 54218
Ion Ratio Lower Upper
75 100
53 0.2 66.0 99.0#
89 0.1 37.2 55.8#

