

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021857.D
 Acq On : 11 Apr 2025 14:20
 Operator : SY/MD
 Sample : Q1781-07
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-12-VOC

Quant Time: Apr 12 02:49:19 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)

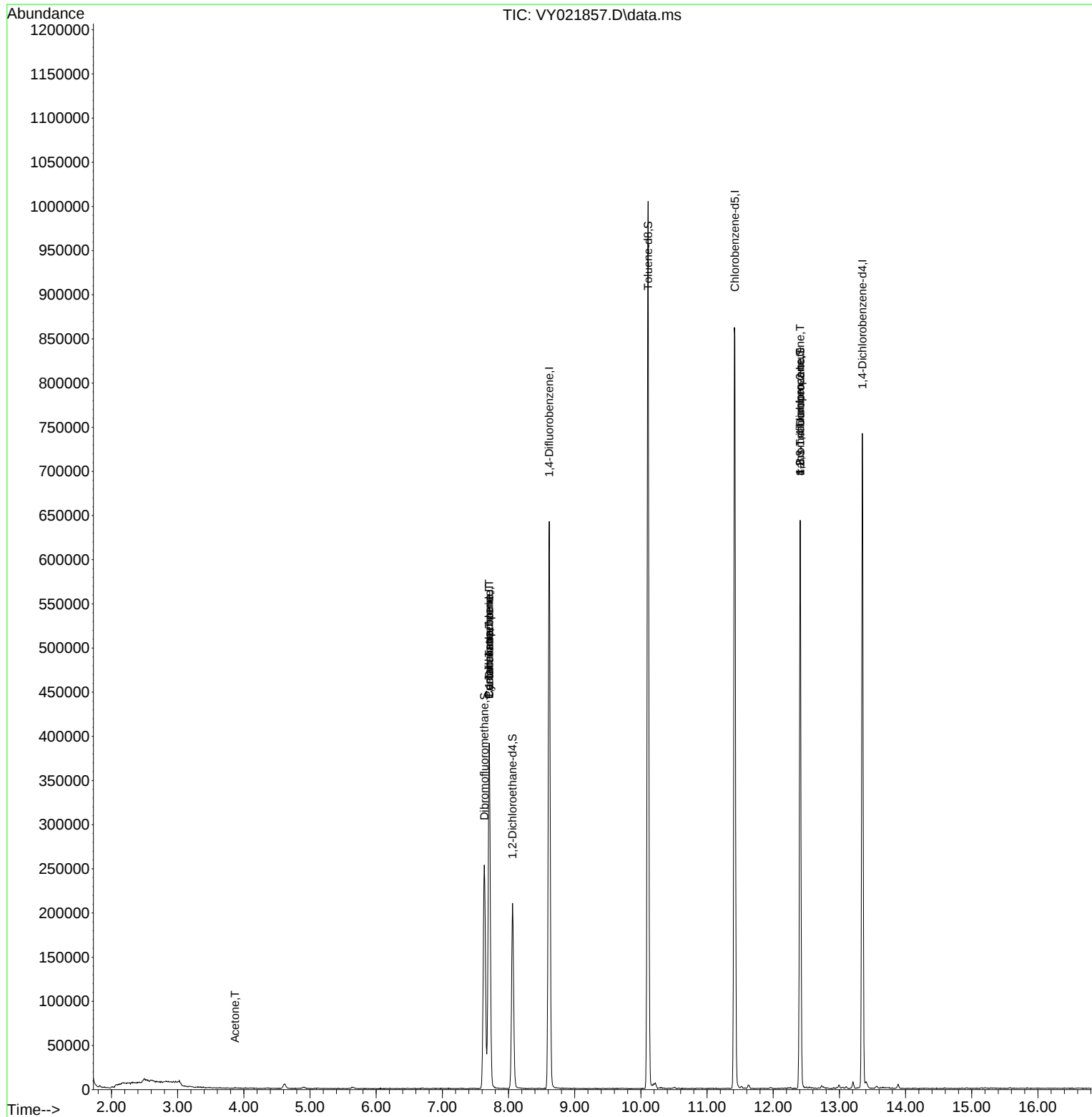
Internal Standards						
1) Pentafluorobenzene	7.707	168	297755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	538619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	460581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	180672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162280	50.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.634	113	176165	50.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.840%	
50) Toluene-d8	10.109	98	634245	47.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.408	95	189220	42.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	818	1.239	ug/l #	81
20) Methylene Chloride	4.622	84	3549	Below Cal		91
31) Cyclohexane	7.707	56	6806	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	24239	4.555	ug/l #	51
38) Carbon Tetrachloride	7.707	117	30230	4.960	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	99035	55.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99035	127.417	ug/l #	12

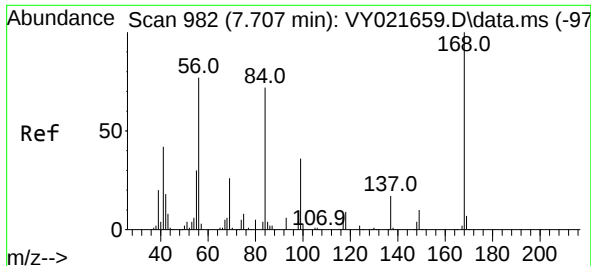
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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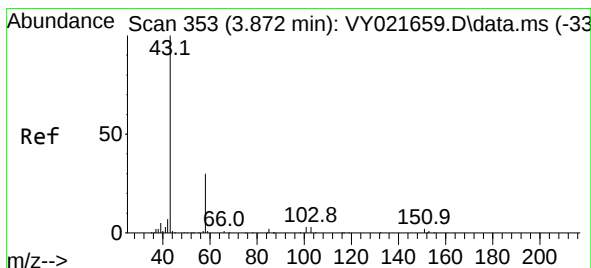
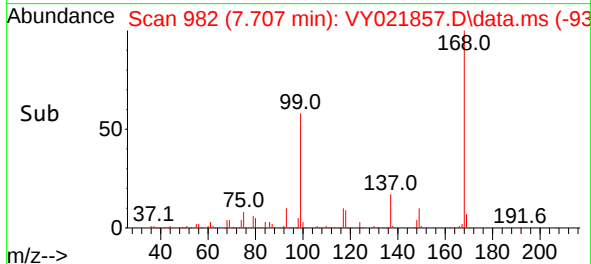
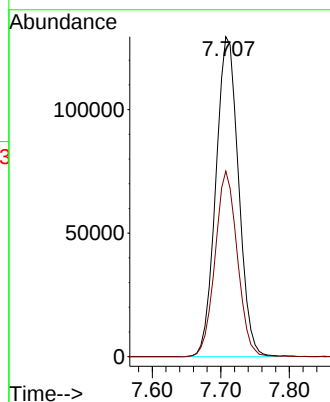
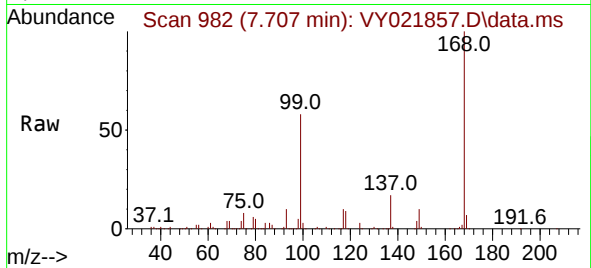




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

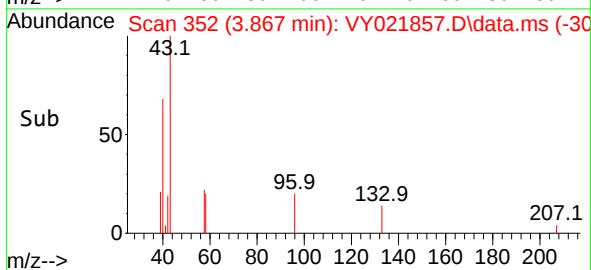
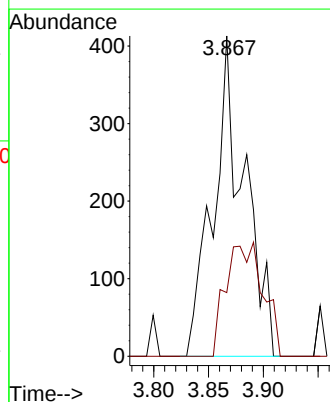
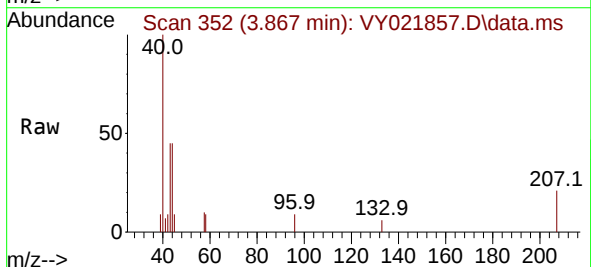
Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

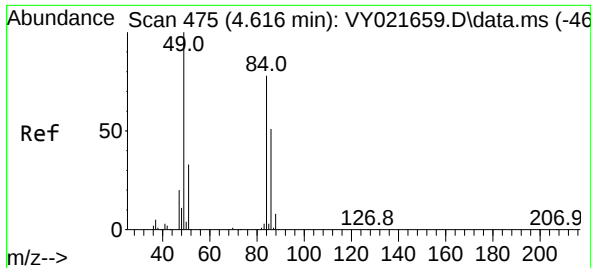
Tgt Ion:168 Resp: 297755
Ion Ratio Lower Upper
168 100
99 58.0 46.7 70.1



#16
Acetone
Concen: 1.239 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 19.9 24.2 36.4#



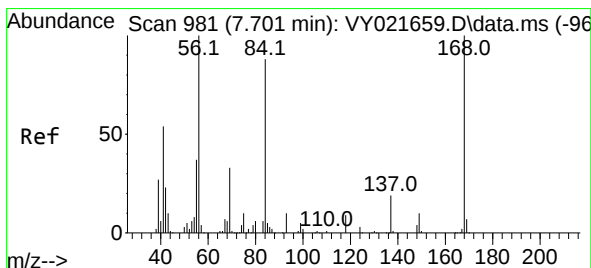
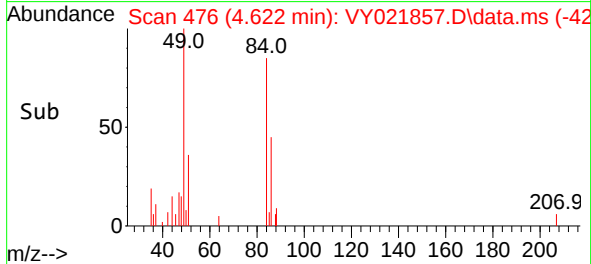
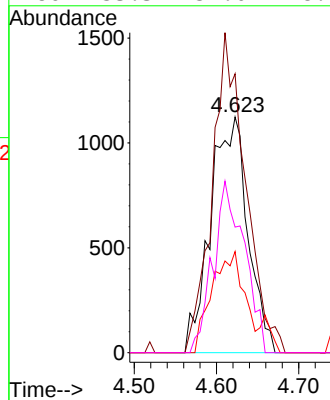
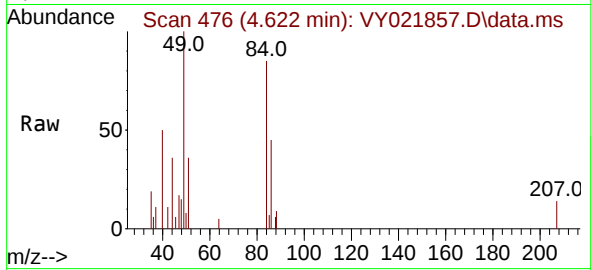


#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

Tgt Ion: 84 Resp: 3549

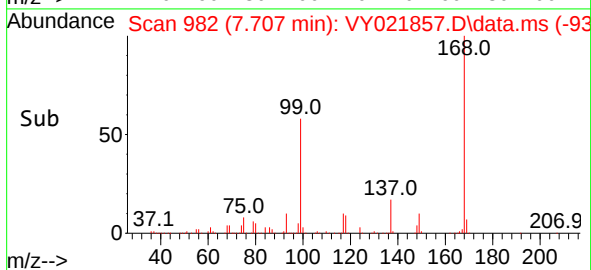
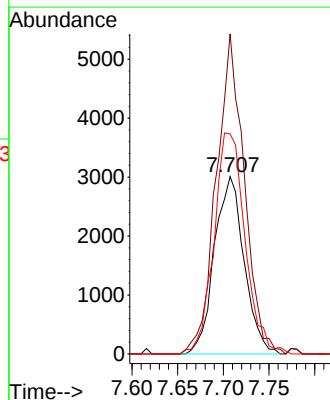
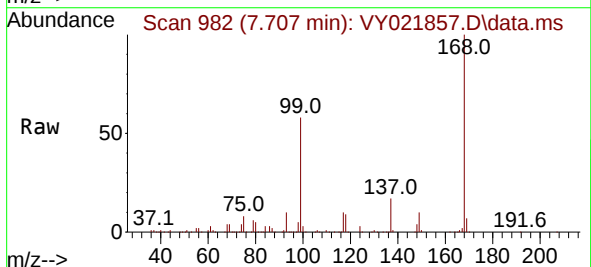
Ion	Ratio	Lower	Upper
84	100		
49	118.3	102.8	154.2
51	42.9	33.5	50.3
86	53.3	52.0	78.0

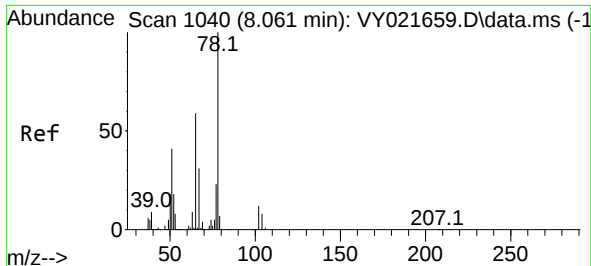


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Tgt Ion: 56 Resp: 6806

Ion	Ratio	Lower	Upper
56	100		
69	180.3	26.6	40.0#
84	123.9	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 50.302 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021857.D

Acq: 11 Apr 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

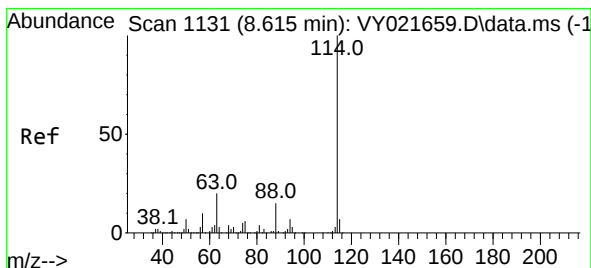
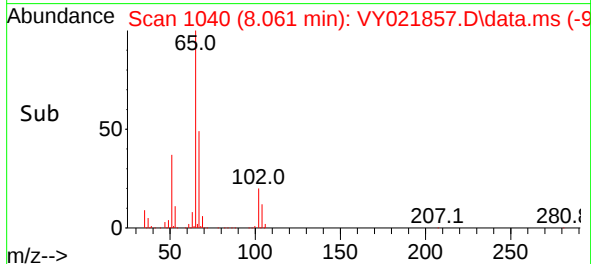
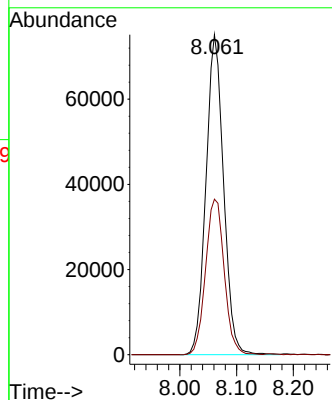
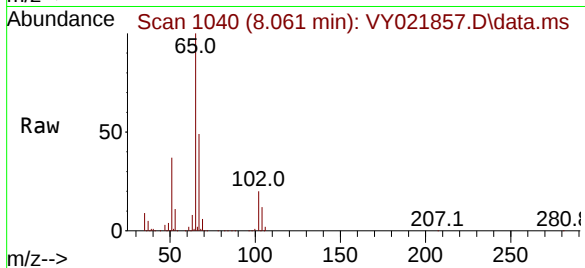
WC-12-VOC

Tgt Ion: 65 Resp: 162280

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: VY021857.D

Acq: 11 Apr 2025 14:20

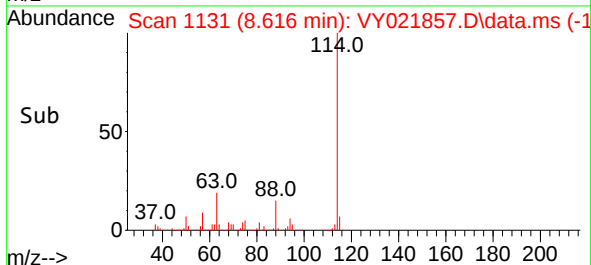
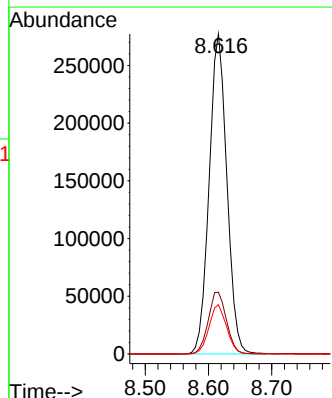
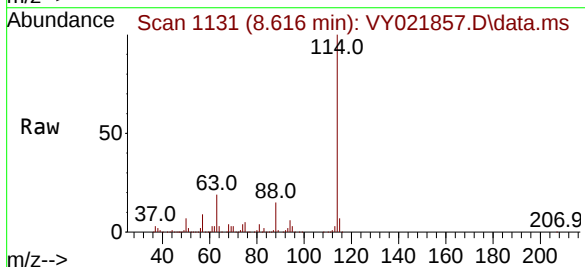
Tgt Ion: 114 Resp: 538619

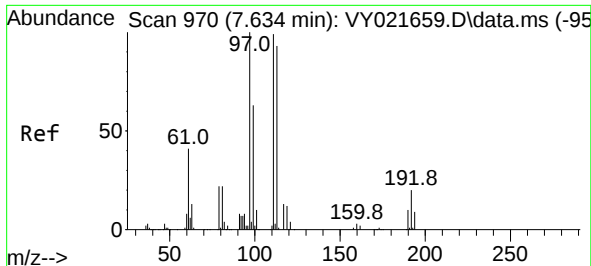
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 15.4 0.0 29.8

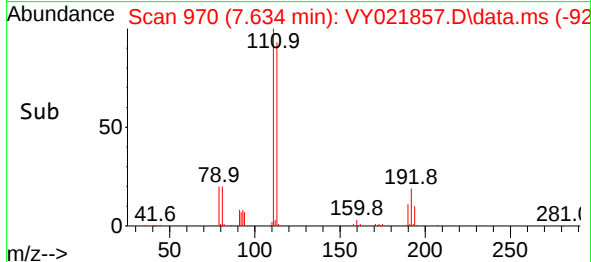
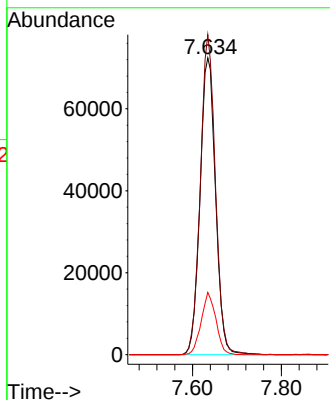
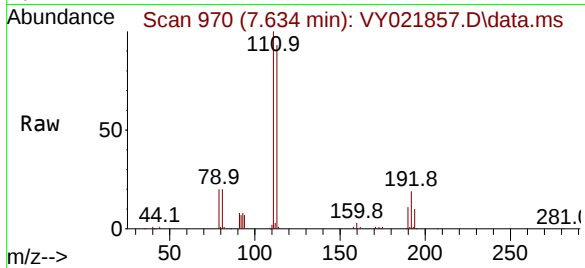




#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

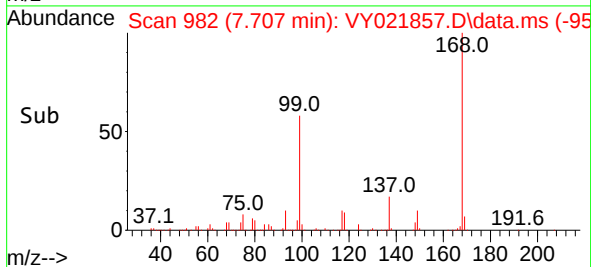
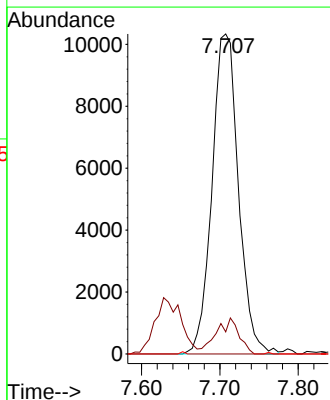
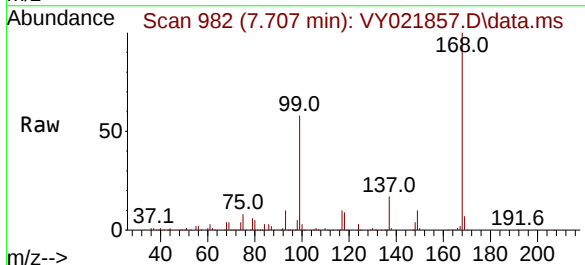
Instrument :
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ClientSampleId :
WC-12-VOC

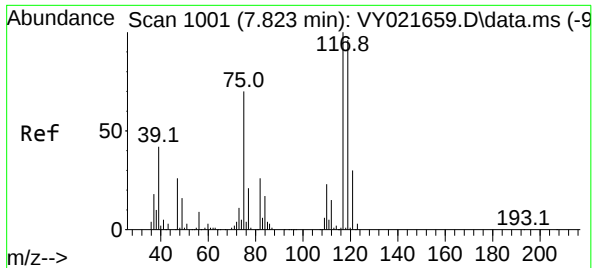
Tgt Ion:113 Resp: 176165
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Tgt Ion: 75 Resp: 24239
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.8 37.2#

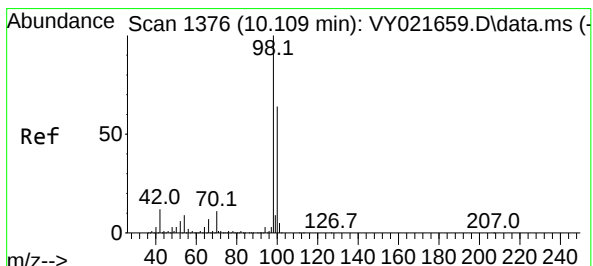
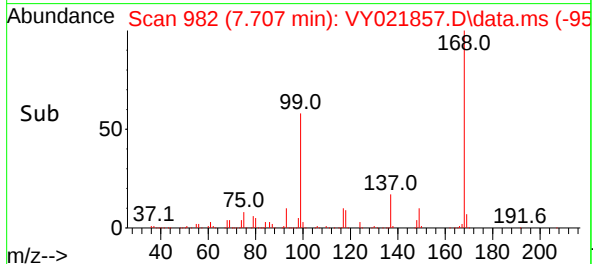
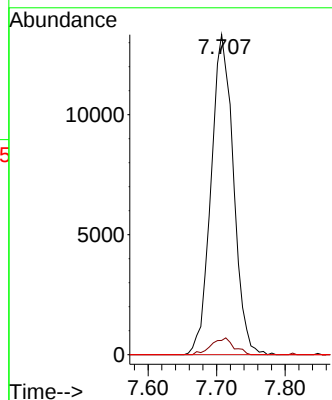
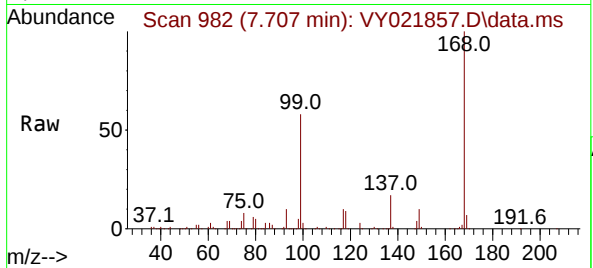




#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

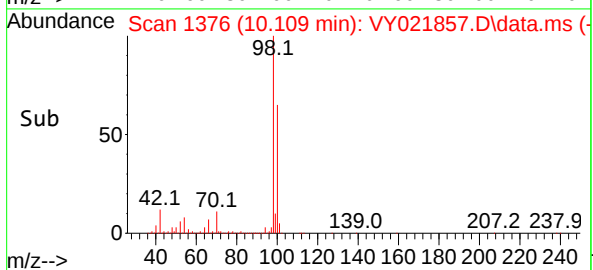
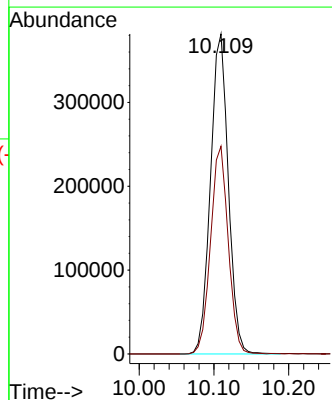
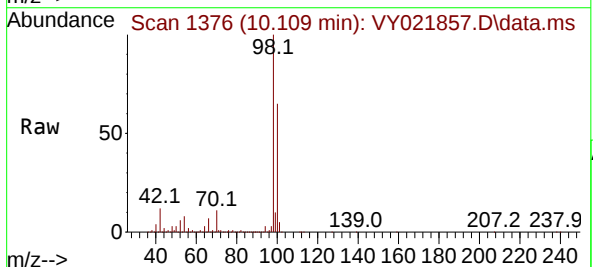
Instrument :
MSVOA_Y
ClientSampleId :
WC-12-VOC

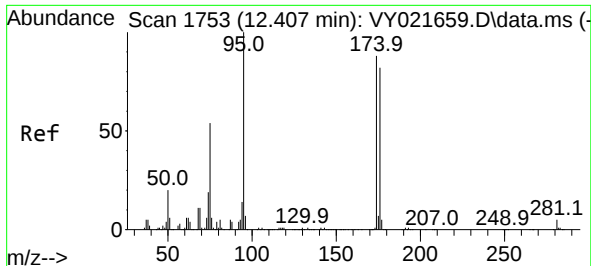
Tgt Ion:117 Resp: 30230
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.716 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Tgt Ion: 98 Resp: 634245
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

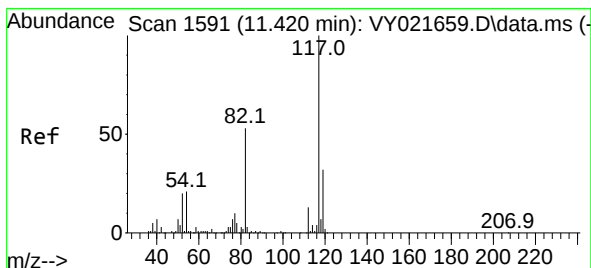
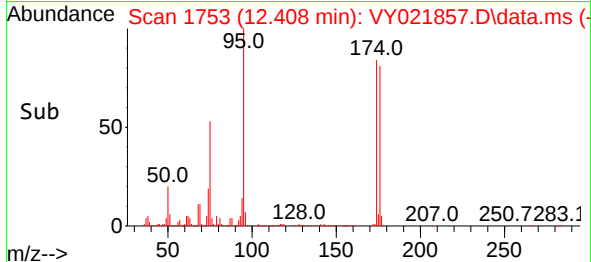
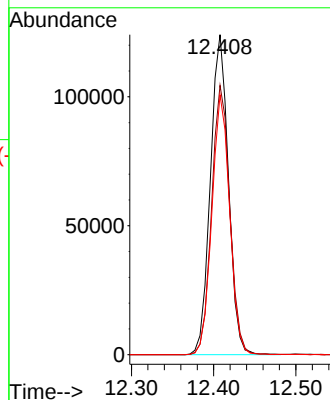
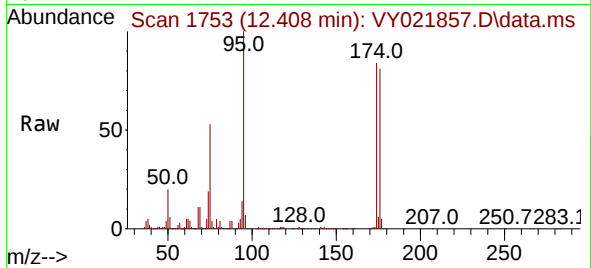




#62
4-Bromofluorobenzene
Concen: 42.087 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

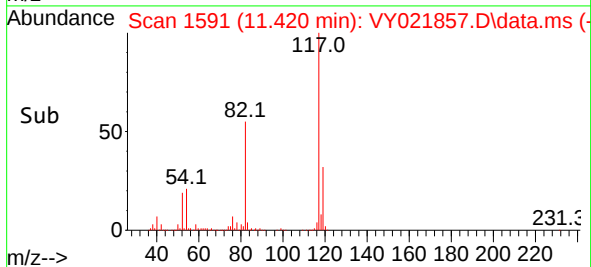
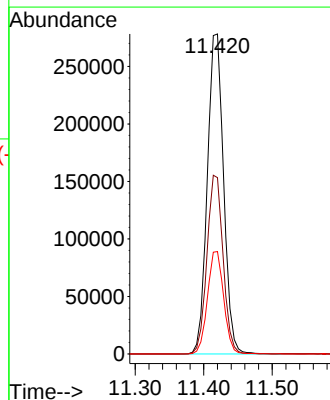
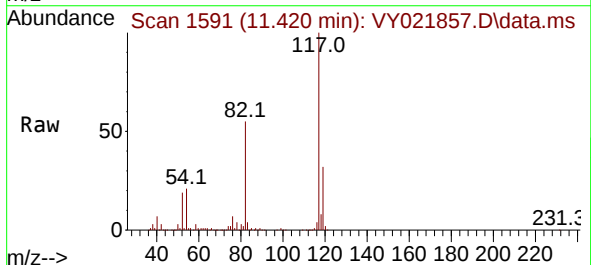
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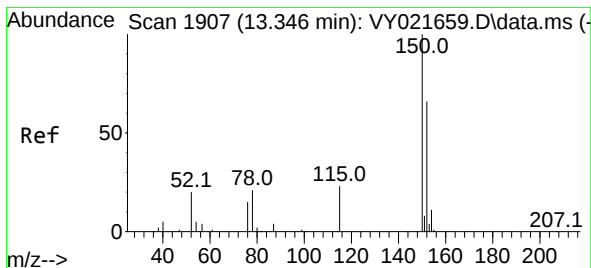
Tgt Ion: 95 Resp: 189220
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021857.D
Acq: 11 Apr 2025 14:20

Tgt Ion: 117 Resp: 460581
Ion Ratio Lower Upper
117 100
82 55.1 42.8 64.2
119 32.0 25.7 38.5

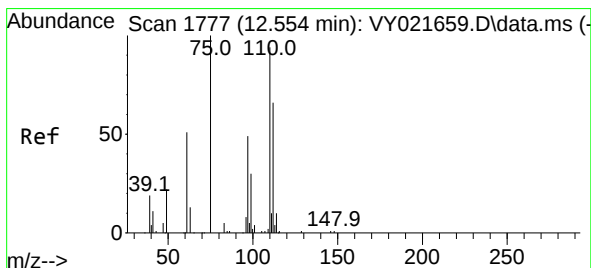
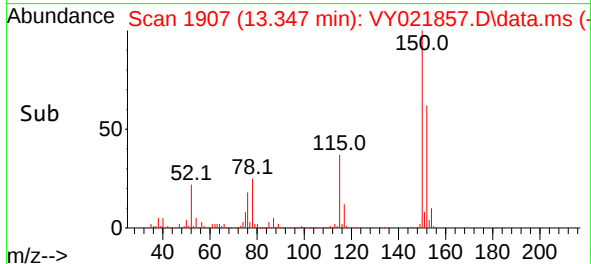
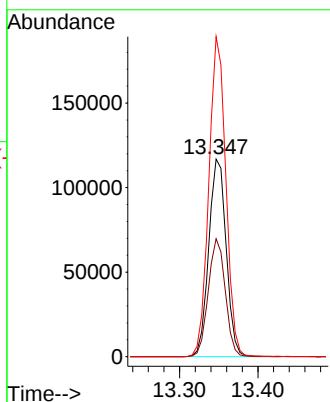
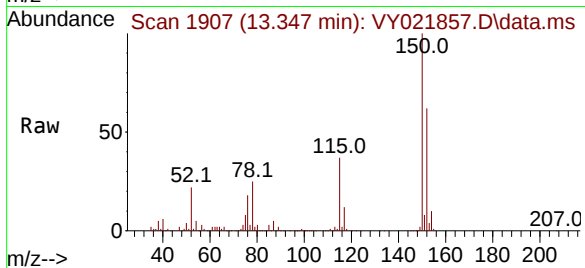




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021857.D
 Acq: 11 Apr 2025 14:20

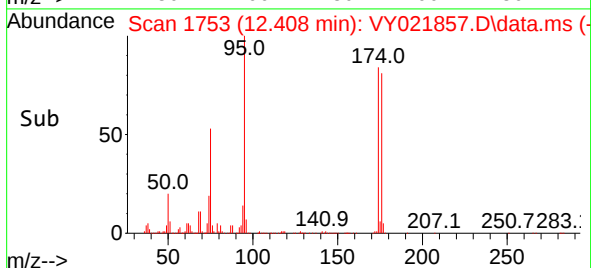
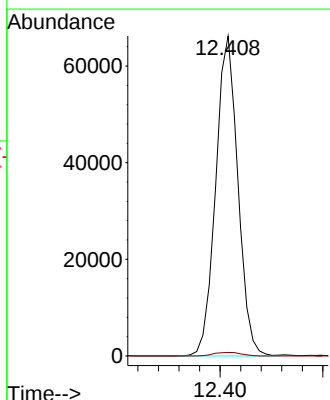
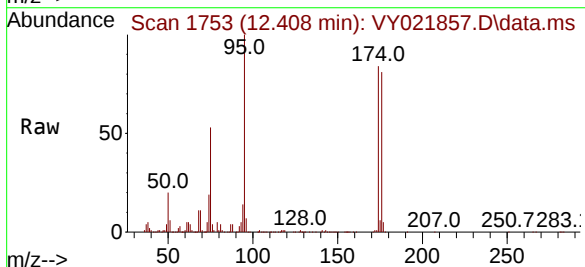
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-12-VOC

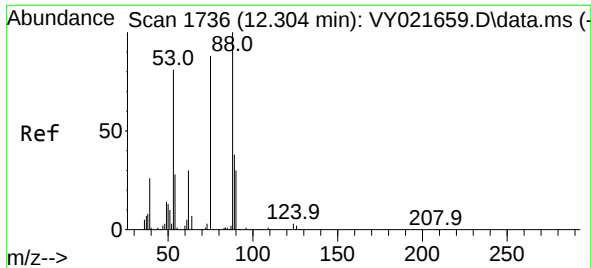
Tgt Ion:152 Resp: 180672
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 157.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 55.298 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021857.D
 Acq: 11 Apr 2025 14:20

Tgt Ion: 75 Resp: 99035
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.417 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021857.D
 Acq: 11 Apr 2025 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-12-VOC

Tgt Ion: 75 Resp: 99035
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

