

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021824.D
 Acq On : 09 Apr 2025 17:11
 Operator : SY/MD
 Sample : Q1753-07
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Apr 10 01:46:00 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)

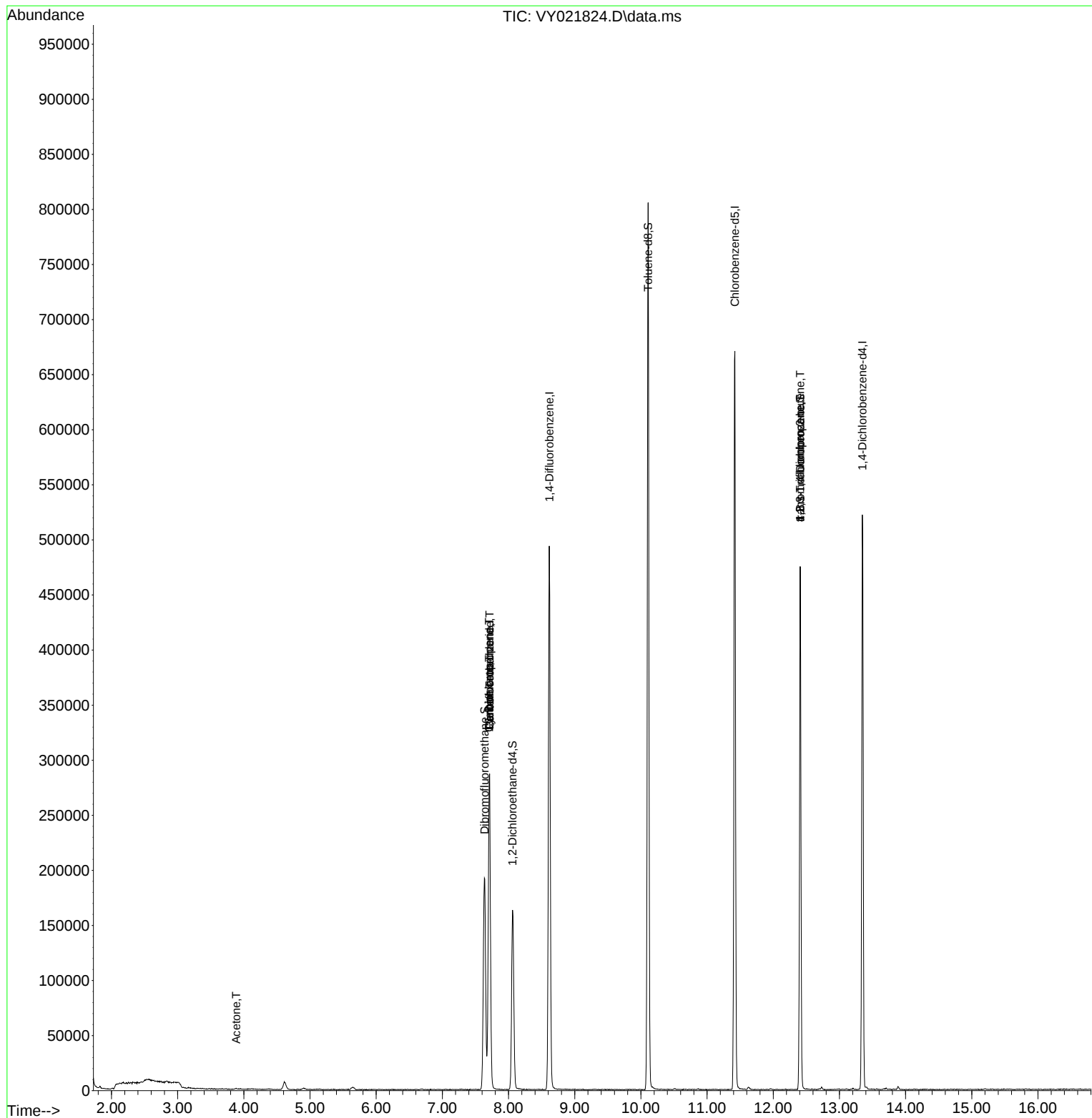
Internal Standards						
1) Pentafluorobenzene	7.713	168	214630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	406487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	348974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132211	56.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.700%	
35) Dibromofluoromethane	7.640	113	138858	52.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.109	98	497734	49.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.408	95	135470	39.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.860%	
Target Compounds						Qvalue
16) Acetone	3.885	43	1349	2.834	ug/l #	69
20) Methylene Chloride	4.610	84	4994	Below Cal	#	68
31) Cyclohexane	7.707	56	5186	1.264	ug/l #	9
36) 1,1-Dichloropropene	7.707	75	17208	4.285	ug/l #	50
38) Carbon Tetrachloride	7.713	117	21918	4.765	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	72504	56.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	72504	129.818	ug/l #	12

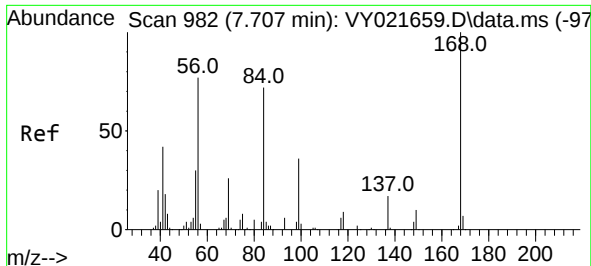
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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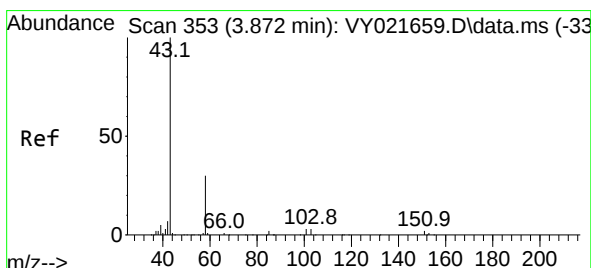
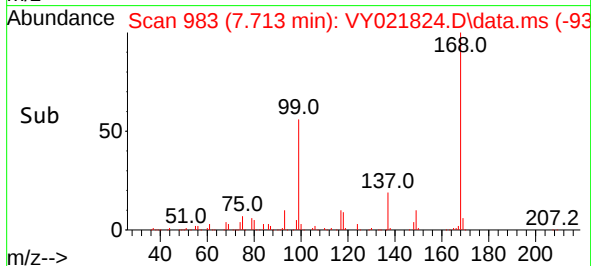
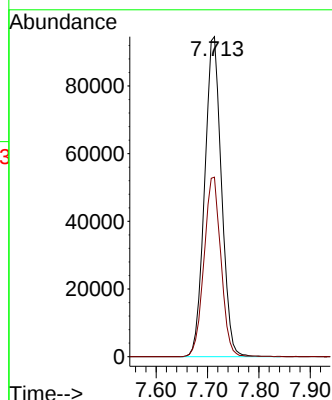
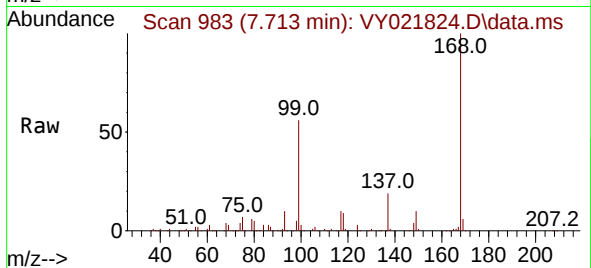




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

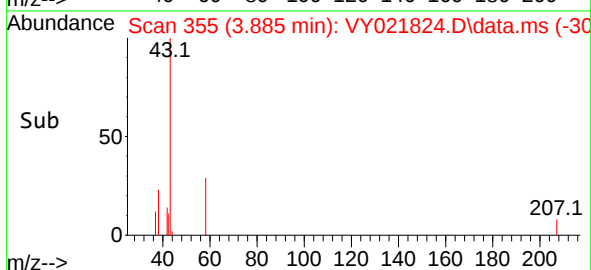
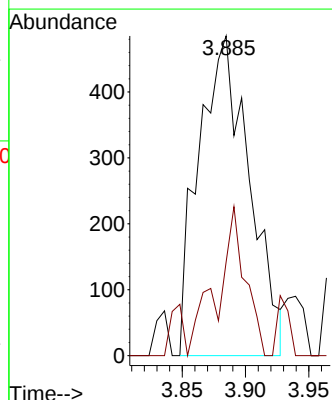
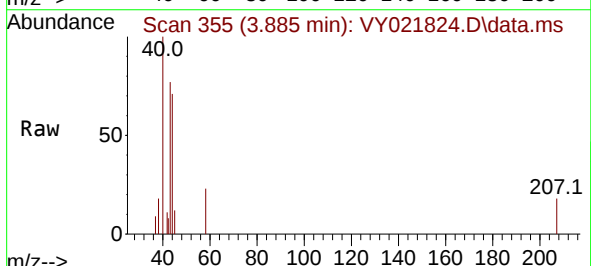
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

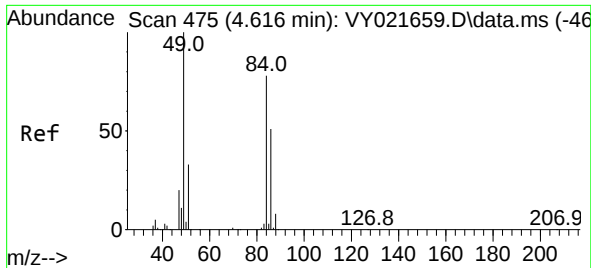
Tgt Ion:168 Resp: 214630
Ion Ratio Lower Upper
168 100
99 56.1 46.7 70.1



#16
Acetone
Concen: 2.834 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 13.2 24.2 36.4#

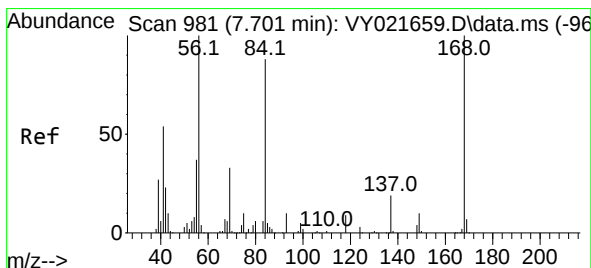
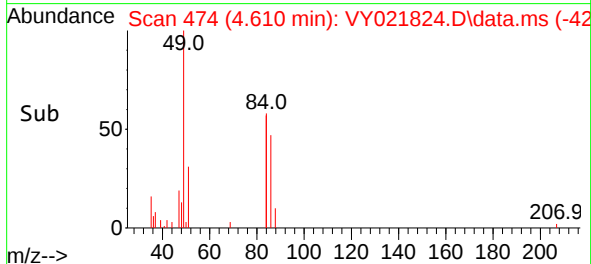
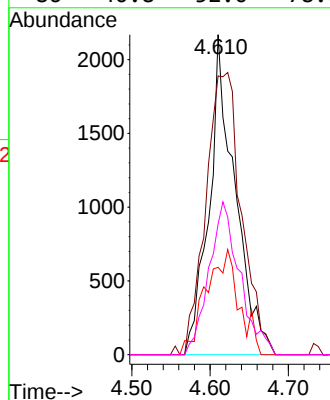
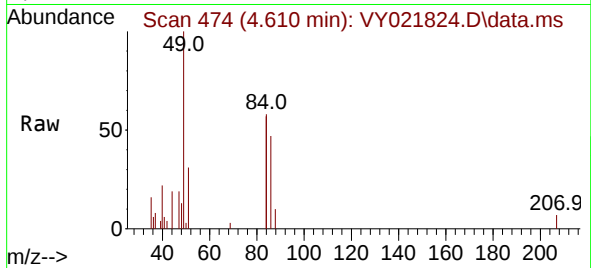




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

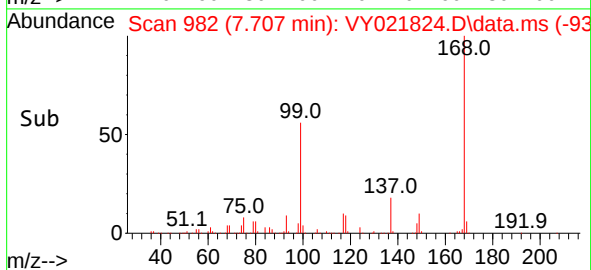
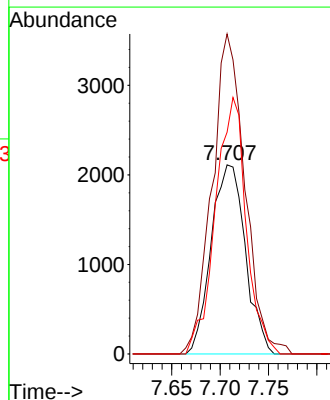
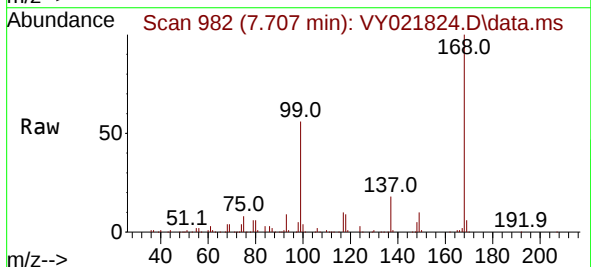
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

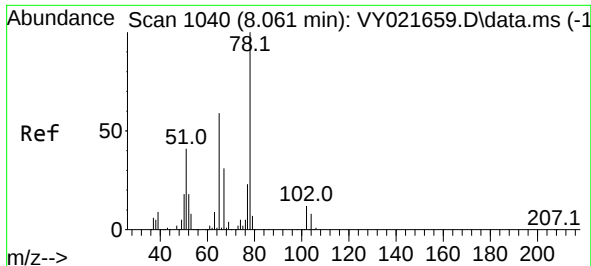
Tgt Ion:	84	Resp:	4994
Ion	Ratio	Lower	Upper
84	100		
49	87.1	102.8	154.2#
51	27.3	33.5	50.3#
86	40.8	52.0	78.0#



#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion:	56	Resp:	5186
Ion	Ratio	Lower	Upper
56	100		
69	169.2	26.6	40.0#
84	117.3	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 56.854 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021824.D

Acq: 09 Apr 2025 17:11

Instrument :

MSVOA_Y

ClientSampleId :

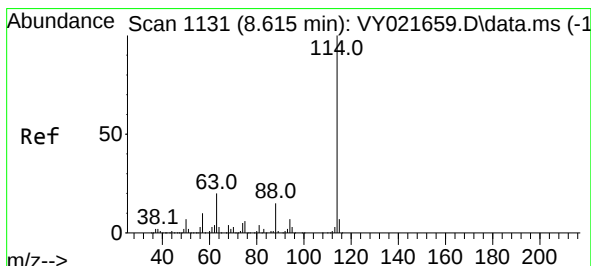
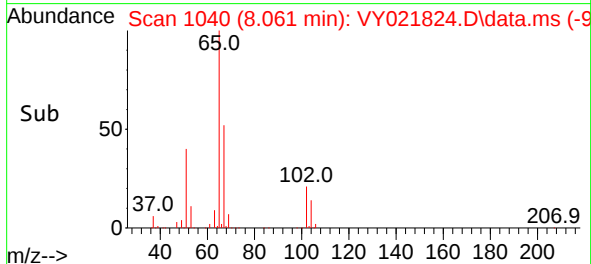
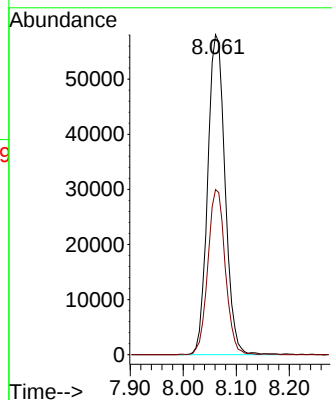
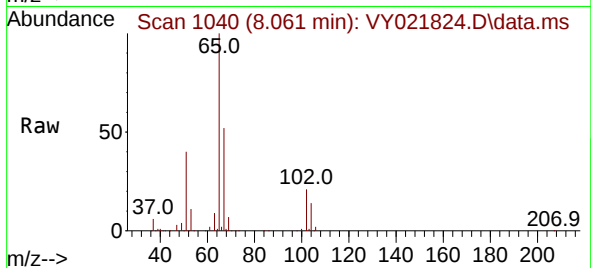
WC-2-VOC

Tgt Ion: 65 Resp: 132211

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021824.D

Acq: 09 Apr 2025 17:11

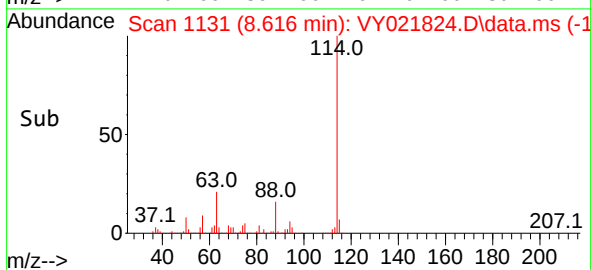
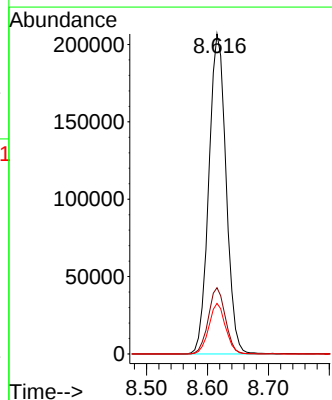
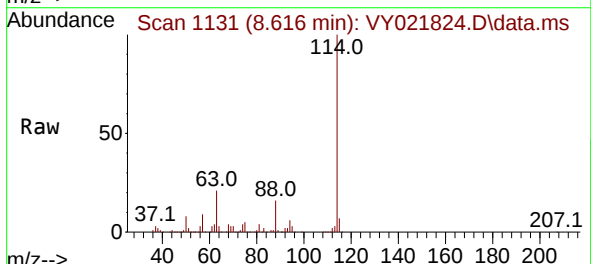
Tgt Ion: 114 Resp: 406487

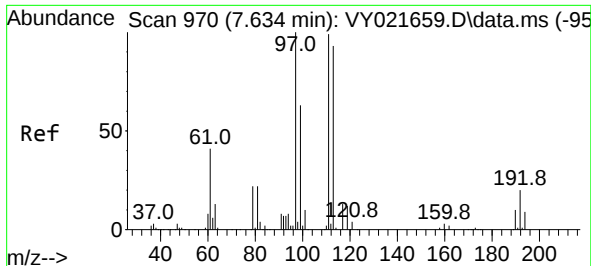
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.8 0.0 29.8

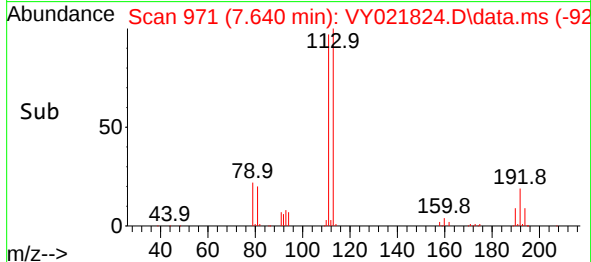
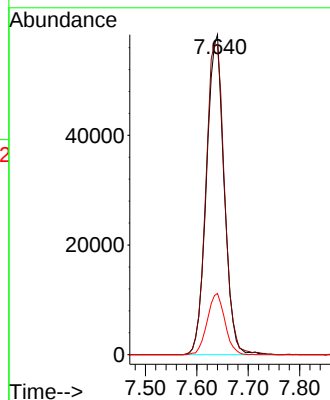
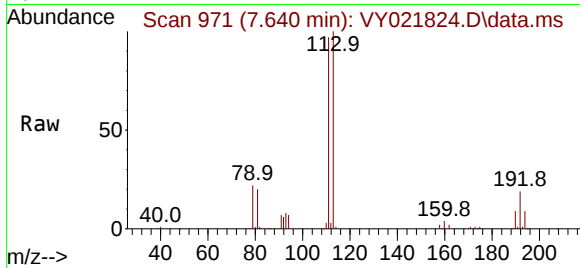




#35
Dibromofluoromethane
Concen: 52.661 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

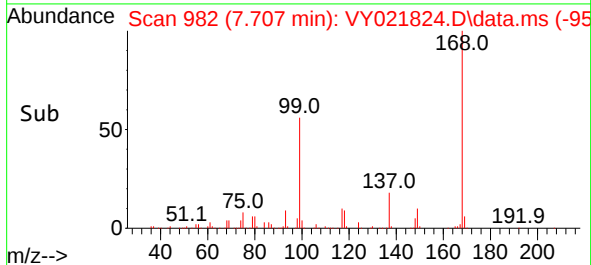
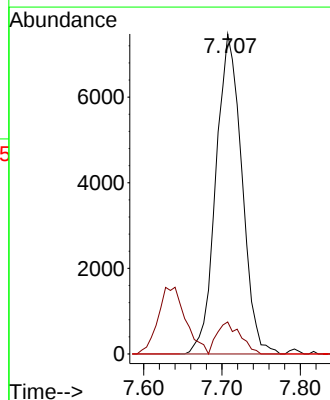
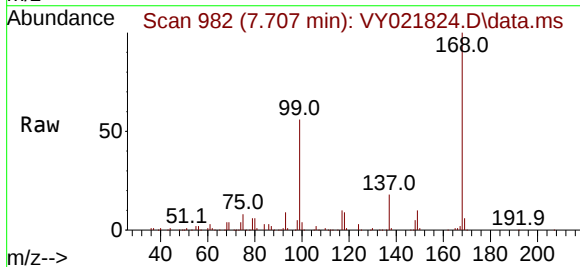
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

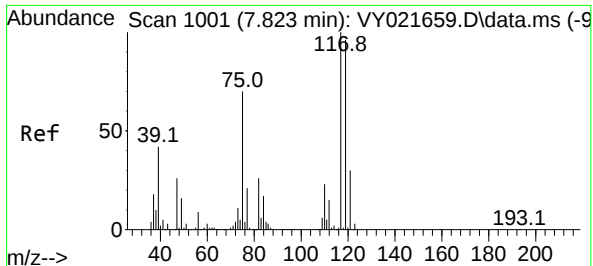
Tgt Ion:113 Resp: 138858
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion: 75 Resp: 17208
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.8 37.2#

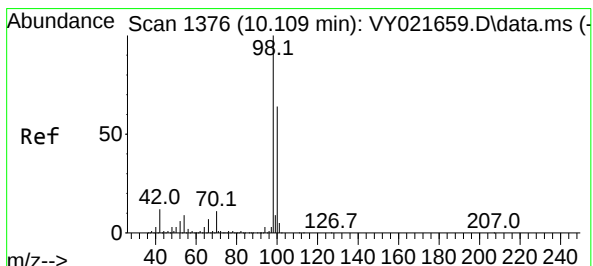
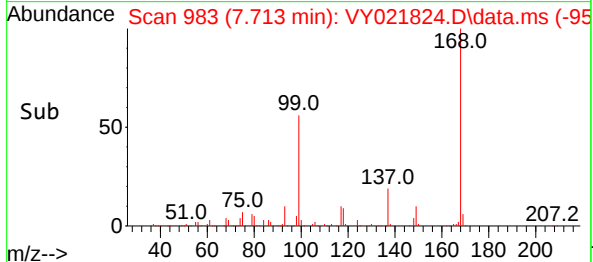
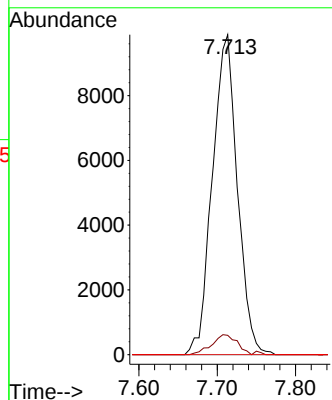
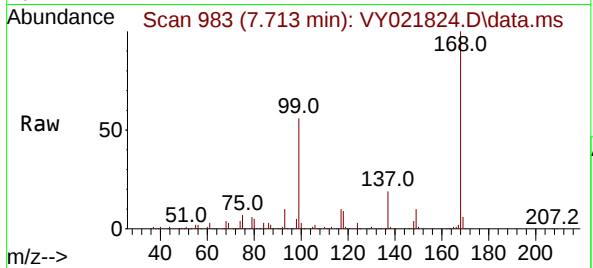




#38
Carbon Tetrachloride
Concen: 4.765 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

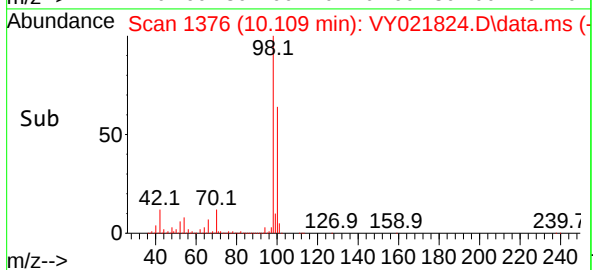
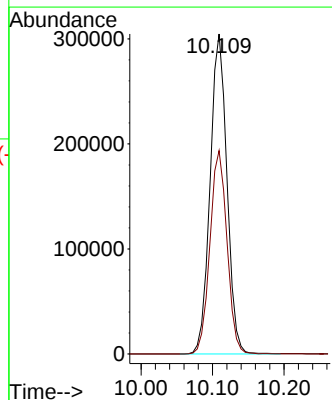
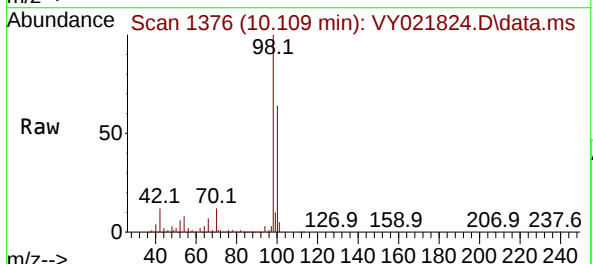
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

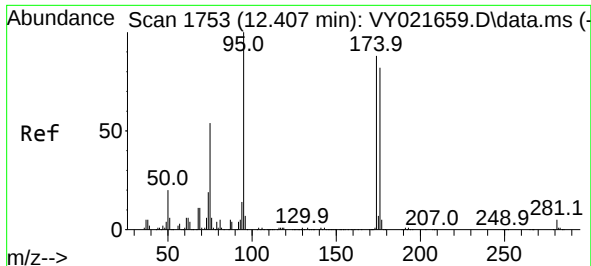
Tgt Ion:117 Resp: 21918
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion: 98 Resp: 497734
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 39.926 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021824.D

Acq: 09 Apr 2025 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

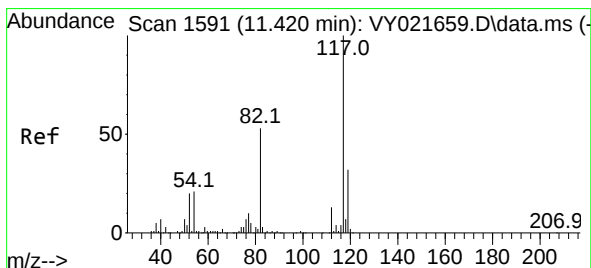
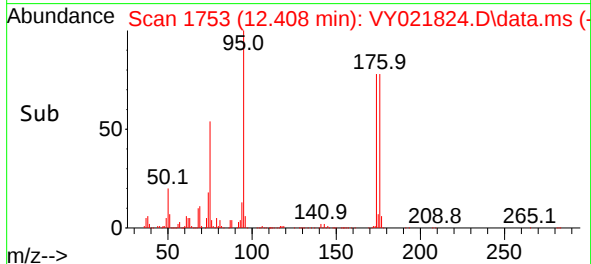
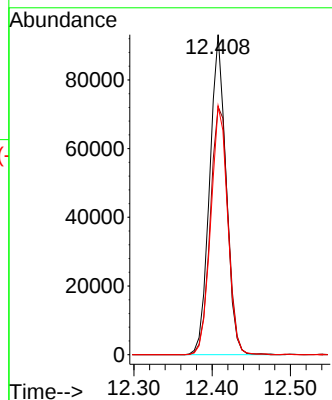
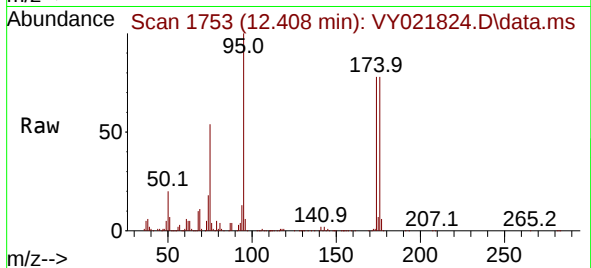
Tgt Ion: 95 Resp: 135470

Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.8

176 79.9 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: VY021824.D

Acq: 09 Apr 2025 17:11

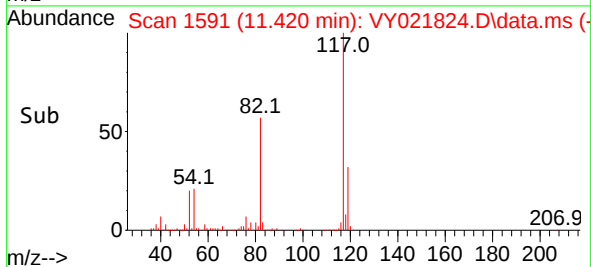
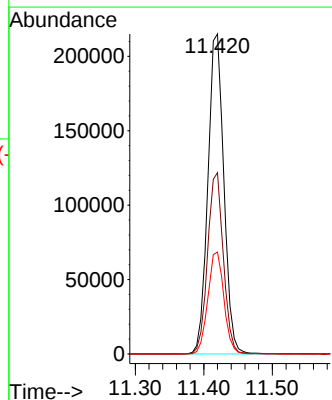
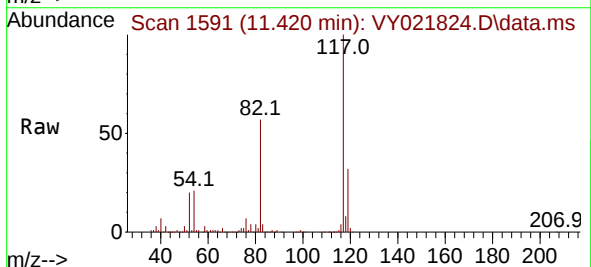
Tgt Ion: 117 Resp: 348974

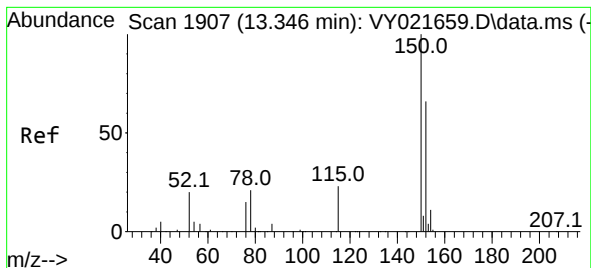
Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 31.9 25.7 38.5

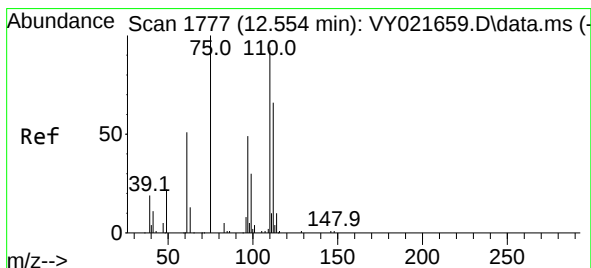
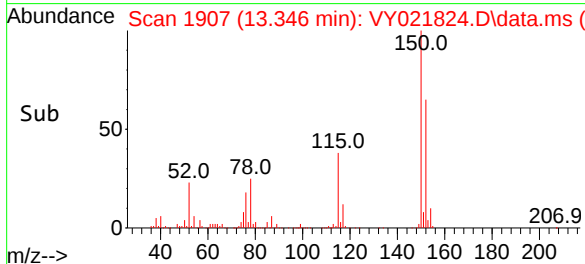
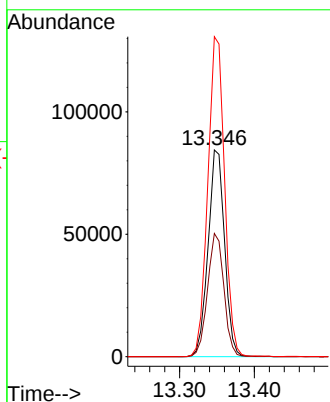
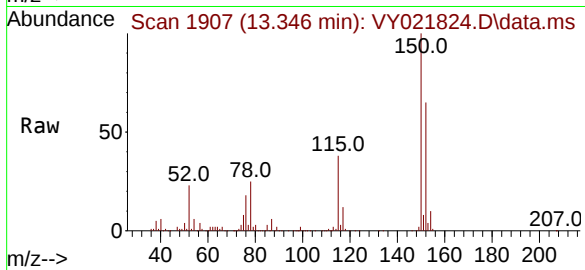




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021824.D
 Acq: 09 Apr 2025 17:11

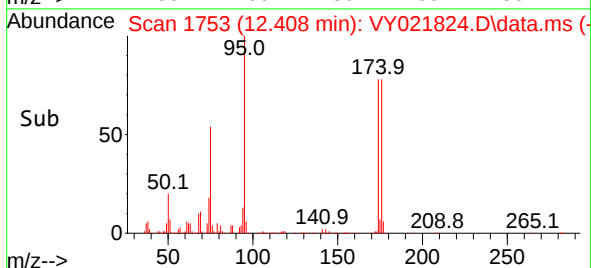
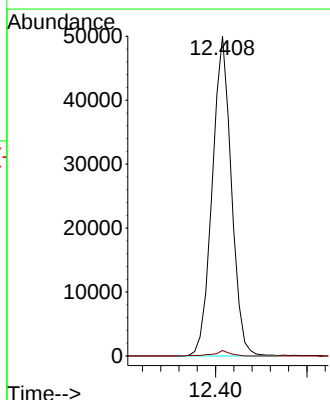
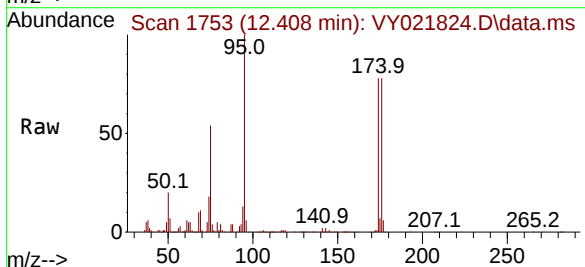
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

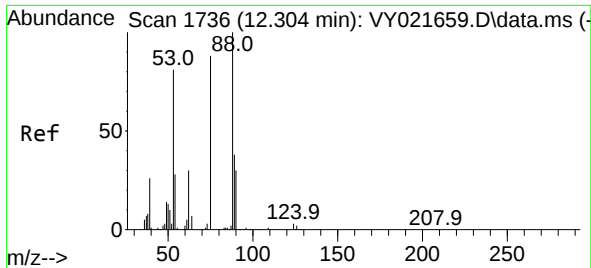
Tgt Ion:152 Resp: 129824
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 157.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 56.340 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021824.D
 Acq: 09 Apr 2025 17:11

Tgt Ion: 75 Resp: 72504
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.818 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021824.D
 Acq: 09 Apr 2025 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Tgt Ion: 75 Resp: 72504
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.1 36.2 54.4#

