

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020800.D
 Acq On : 08 Jan 2025 10:18
 Operator : SY/MD
 Sample : VY0108SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:16:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

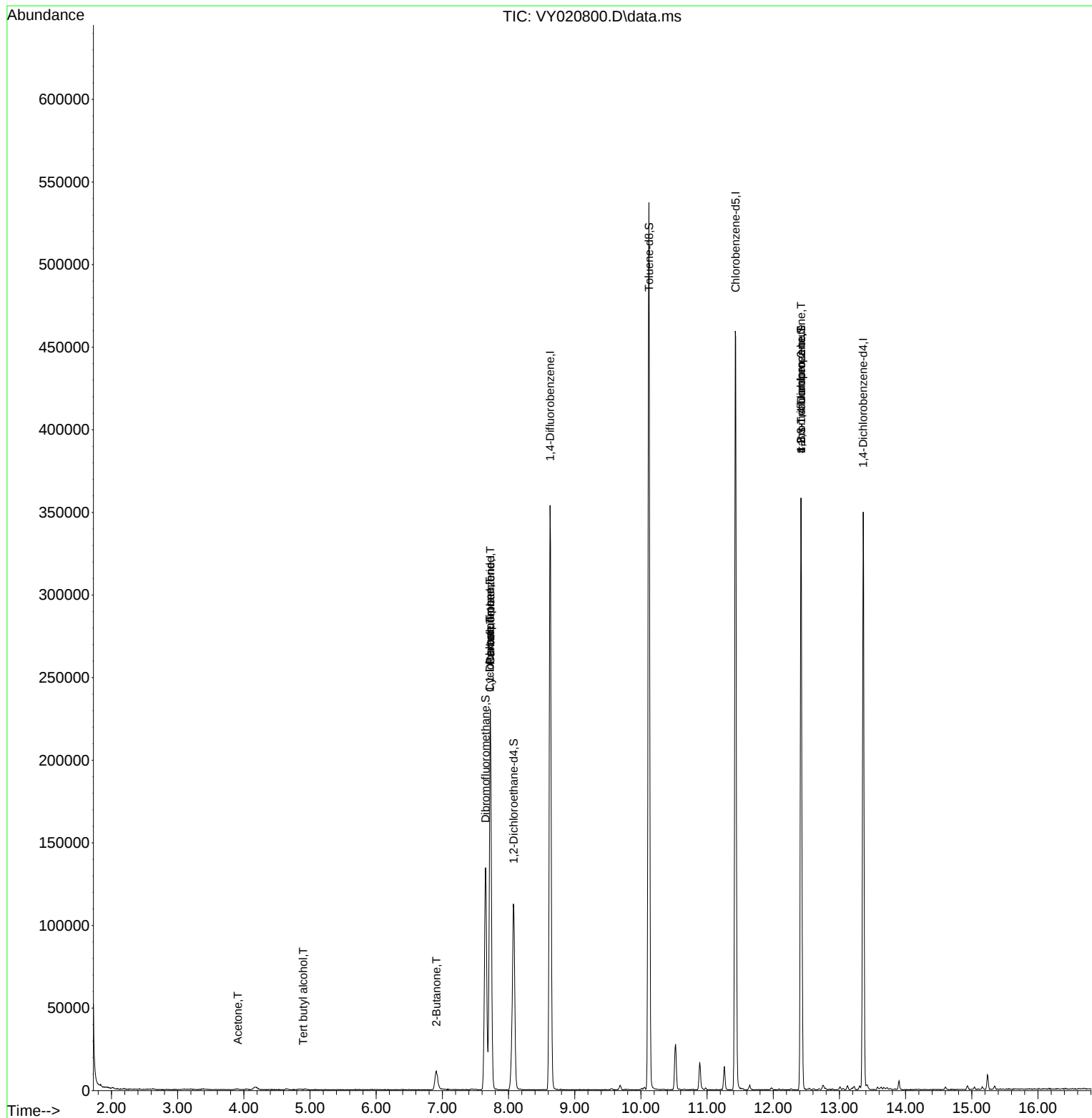
Internal Standards						
1) Pentafluorobenzene	7.725	168	181285	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	311195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	258466	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	94635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	83887	54.442	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.880%	
35) Dibromofluoromethane	7.652	113	96666	49.582	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.121	98	357345	52.579	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.420	95	102845	40.978	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.897	59	125	1.074	ug/l #	73
16) Acetone	3.909	43	915	4.176	ug/l #	70
25) 2-Butanone	6.908	43	842	2.339	ug/l #	45
31) Cyclohexane	7.719	56	3003	1.339	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	12464	5.012	ug/l #	50
38) Carbon Tetrachloride	7.725	117	17699	5.113	ug/l #	18
76) 1,2,3-Trichloropropane	12.420	75	52505	63.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	52505	133.700	ug/l #	14

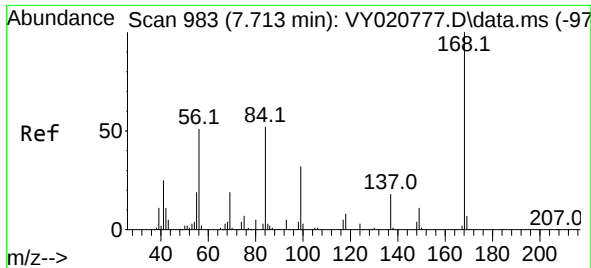
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020800.D
Acq On : 08 Jan 2025 10:18
Operator : SY/MD
Sample : VY0108SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 09 00:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

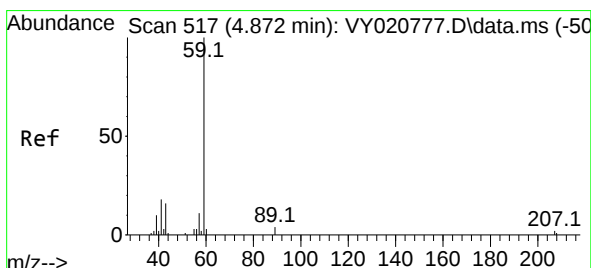
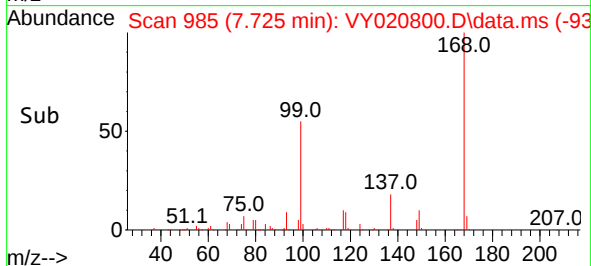
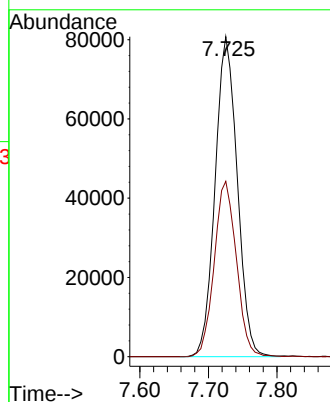
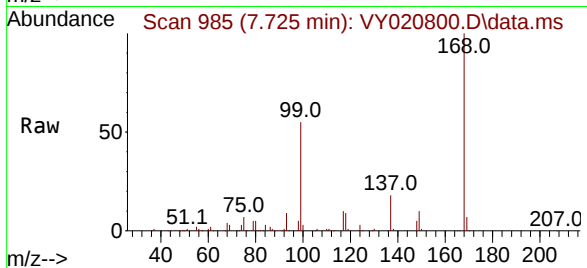




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

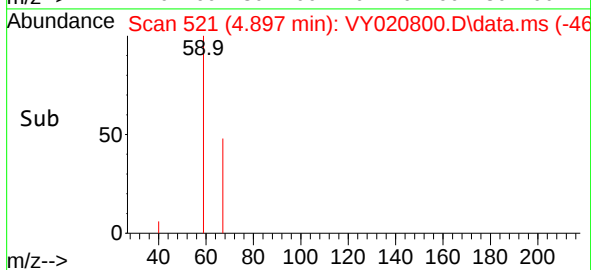
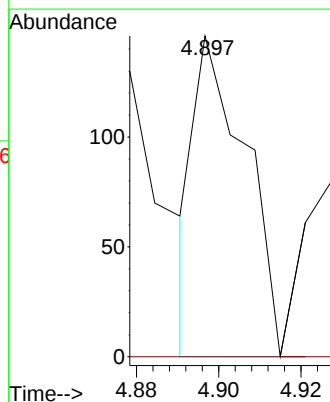
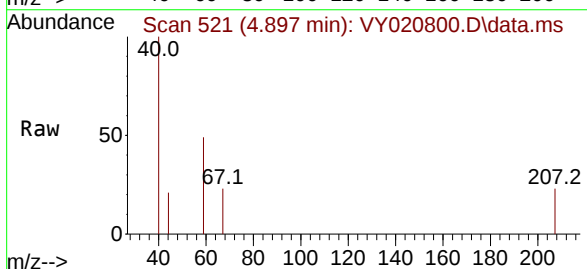
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 181285
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.074 ug/l
RT: 4.897 min Scan# 521
Delta R.T. 0.024 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

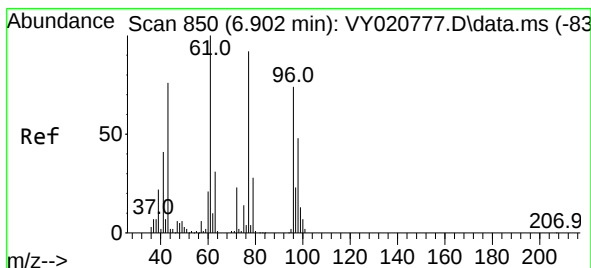
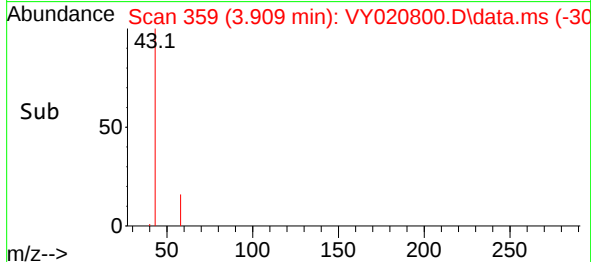
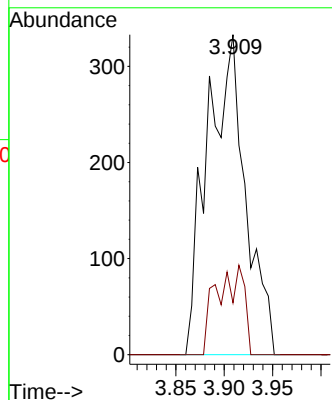
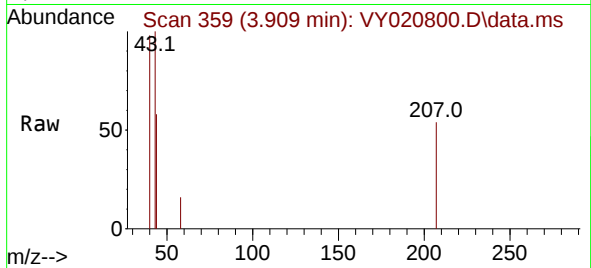




#16
Acetone
Concen: 4.176 ug/l
RT: 3.909 min Scan# 311
Delta R.T. 0.030 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

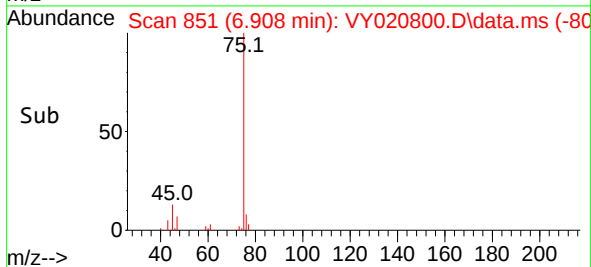
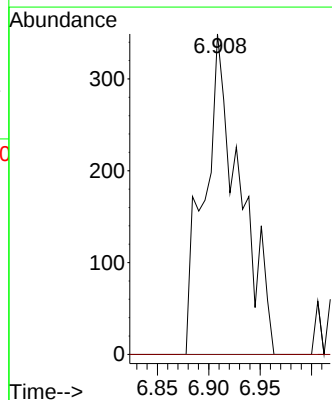
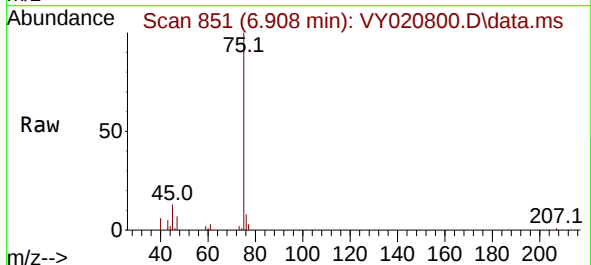
Instrument :
MSVOA_Y
ClientSampleId :

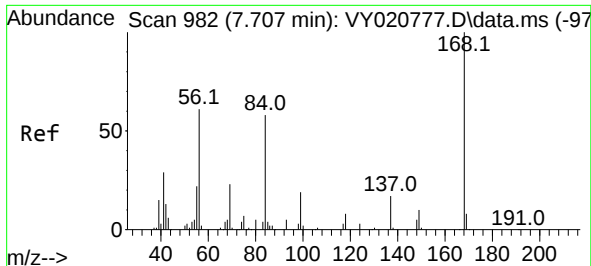
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 16.2 26.7 40.1#



#25
2-Butanone
Concen: 2.339 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

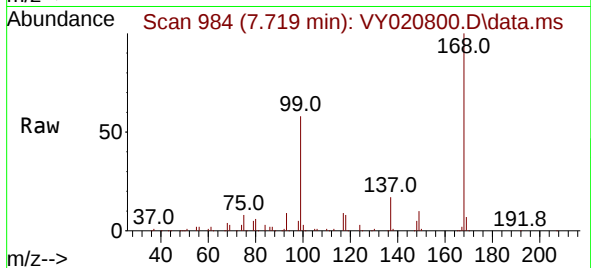
Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



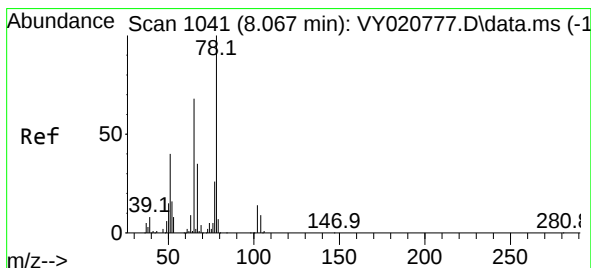
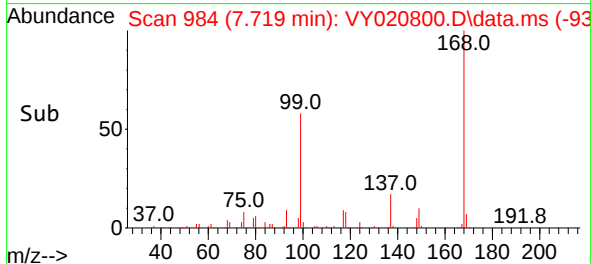
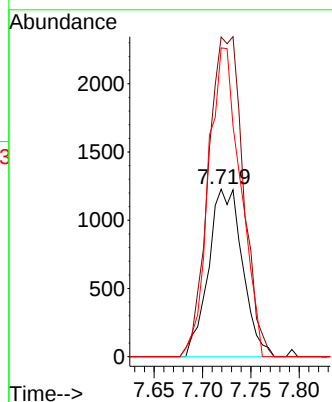


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :

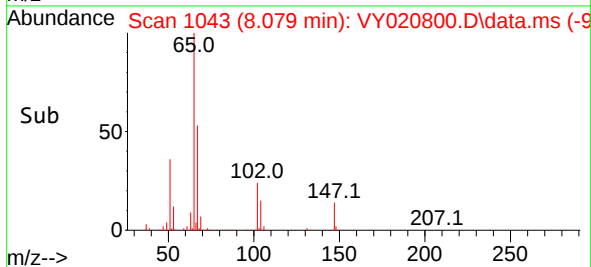
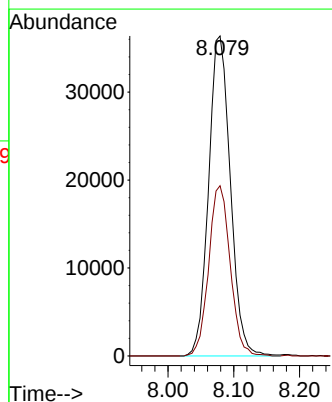
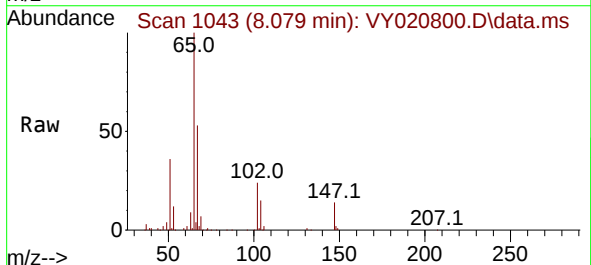


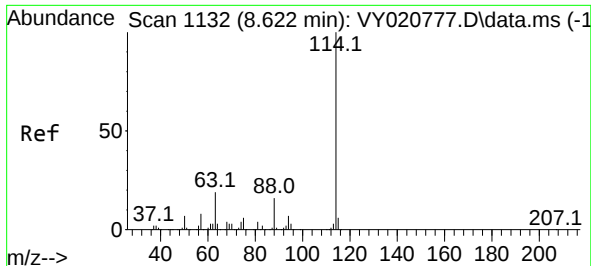
Tgt Ion: 56 Resp: 3003
Ion Ratio Lower Upper
56 100
69 190.8 30.5 45.7#
84 184.3 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 54.442 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 65 Resp: 83887
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

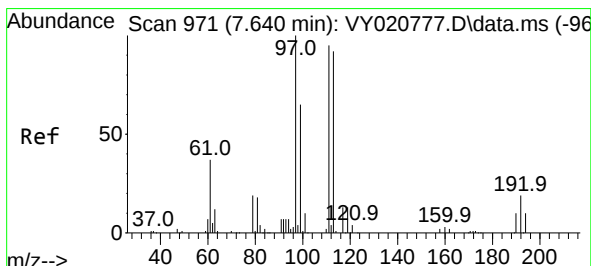
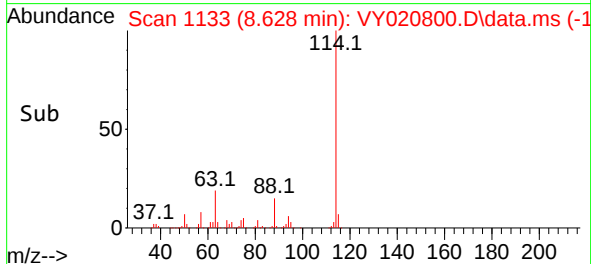
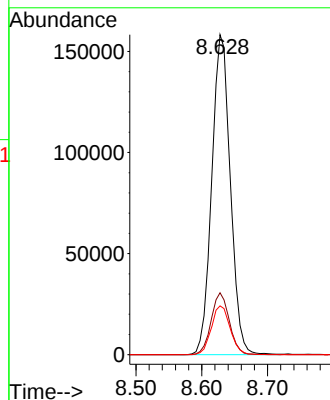
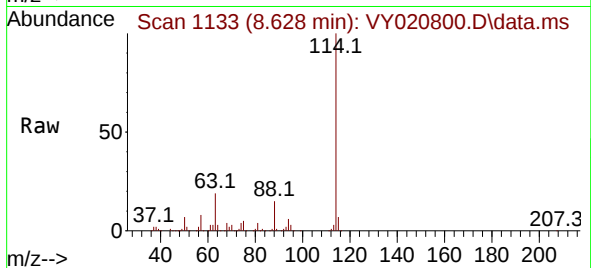
Tgt Ion:114 Resp: 311195

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.582 ug/l

RT: 7.652 min Scan# 973

Delta R.T. 0.012 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

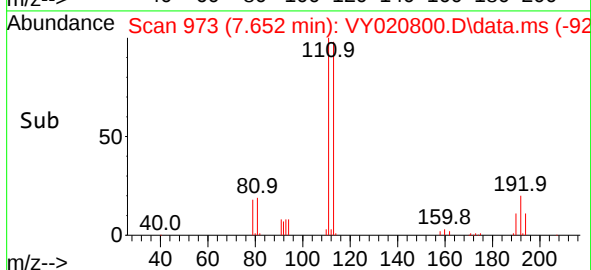
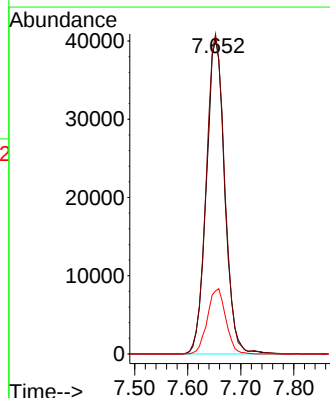
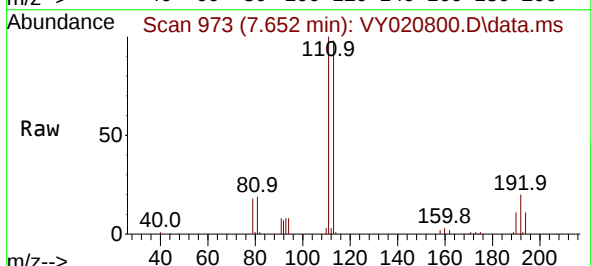
Tgt Ion:113 Resp: 96666

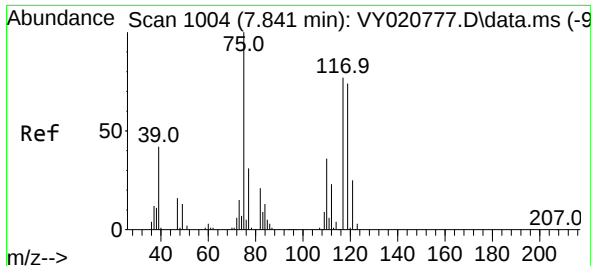
Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

192 20.8 16.7 25.1

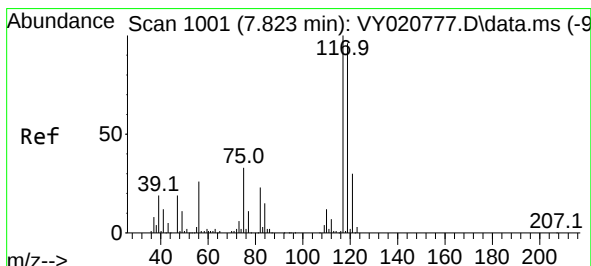
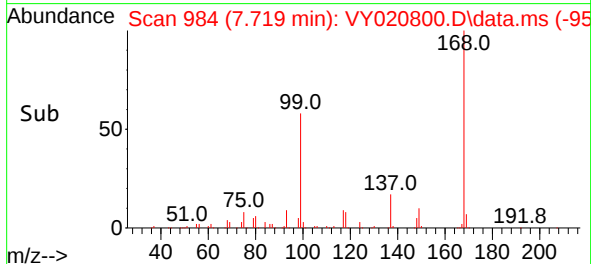
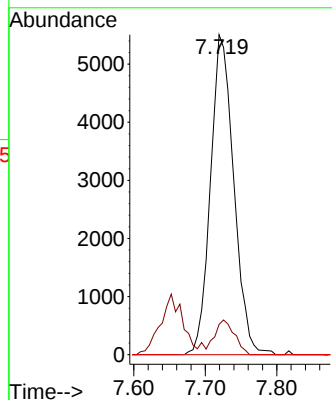
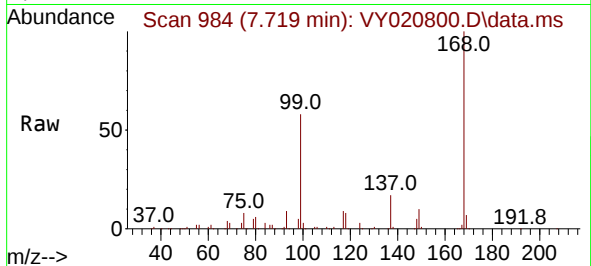




#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

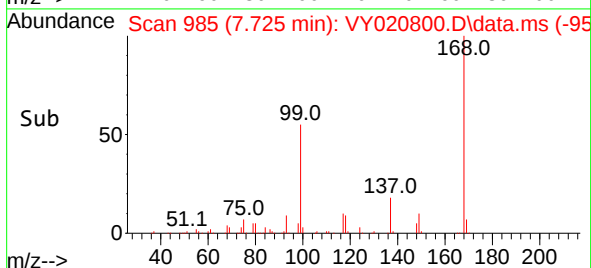
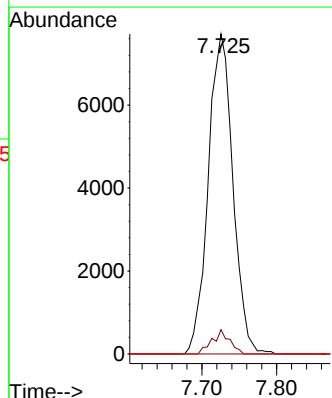
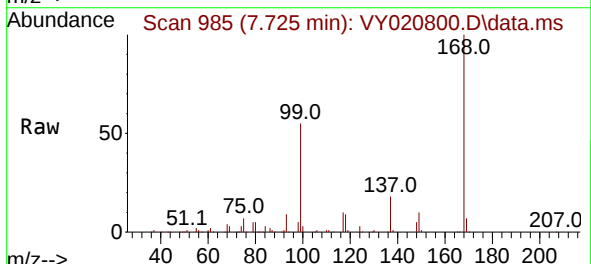
Instrument :
MSVOA_Y
ClientSampleId :

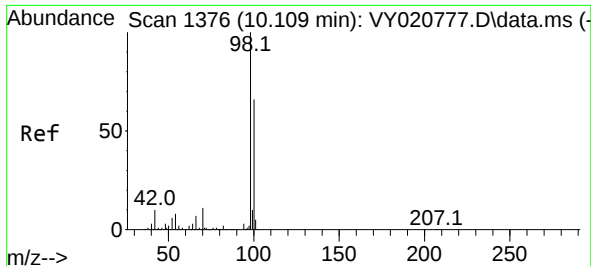
Tgt Ion: 75 Resp: 12464
Ion Ratio Lower Upper
75 100
110 10.1 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.113 ug/l
RT: 7.725 min Scan# 985
Delta R.T. -0.098 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 117 Resp: 17699
Ion Ratio Lower Upper
117 100
119 7.6 76.5 114.7#
121 0.0 24.3 36.5#

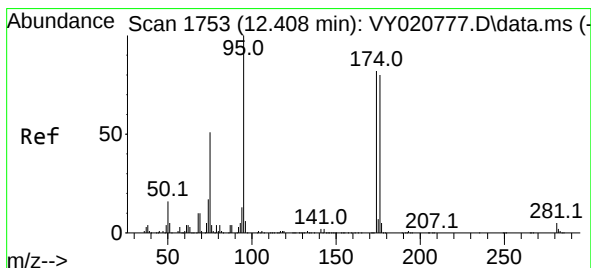
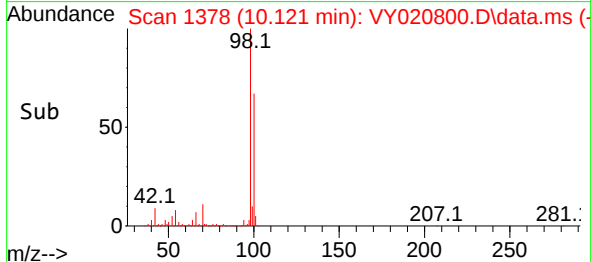
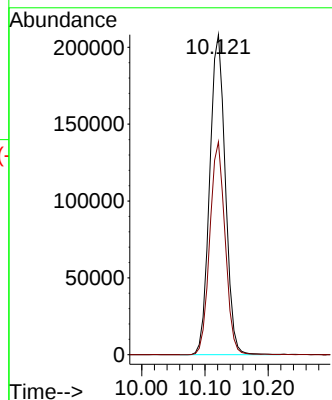
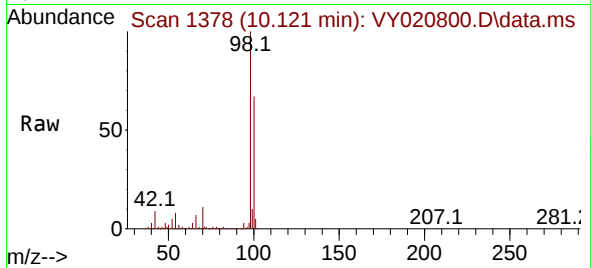




#50
Toluene-d8
Concen: 52.579 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

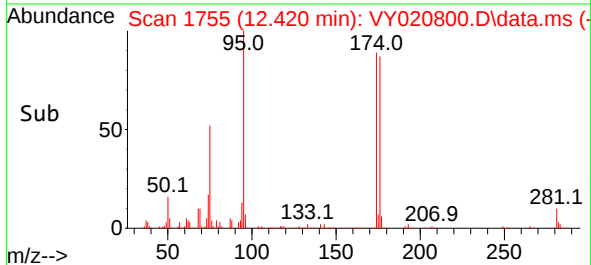
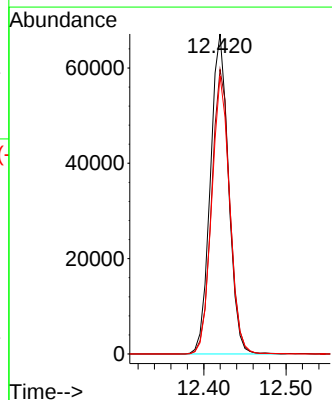
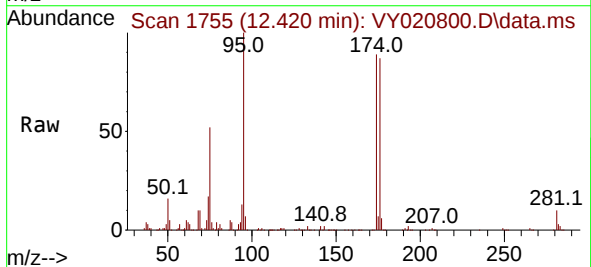
Instrument :
MSVOA_Y
ClientSampleId :

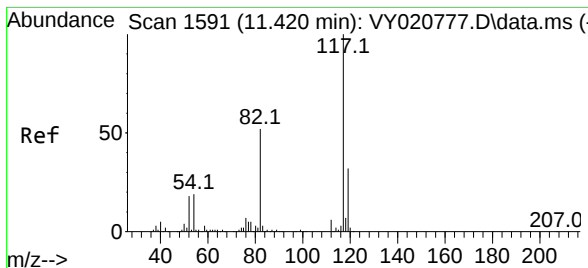
Tgt Ion: 98 Resp: 357345
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 40.978 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 95 Resp: 102845
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.0
176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

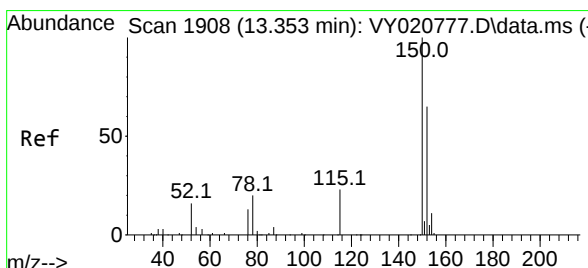
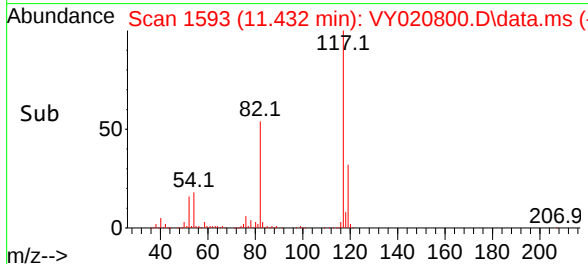
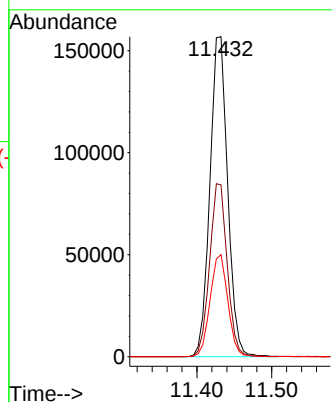
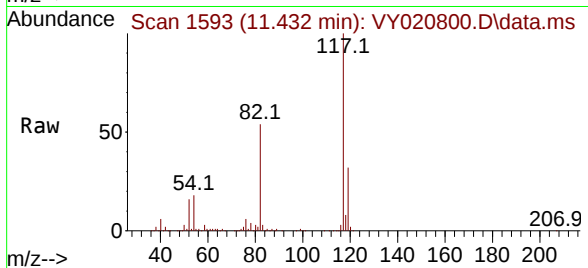
Tgt Ion:117 Resp: 258466

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

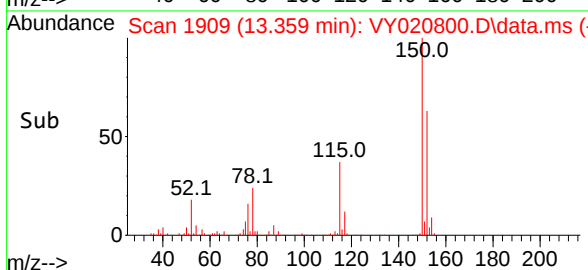
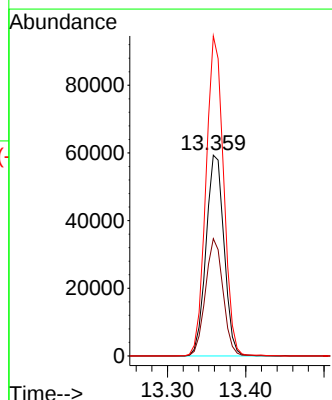
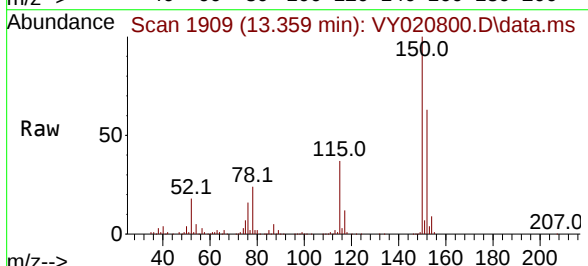
Tgt Ion:152 Resp: 94635

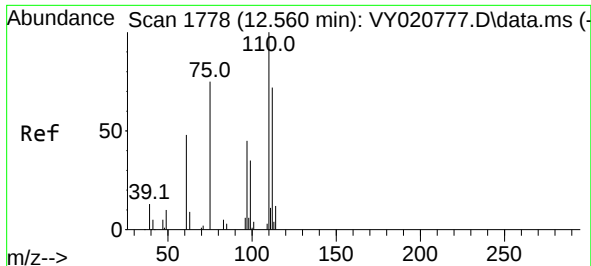
Ion Ratio Lower Upper

152 100

115 57.1 29.0 87.0

150 156.0 0.0 347.4

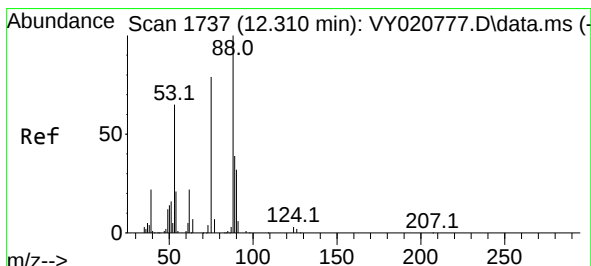
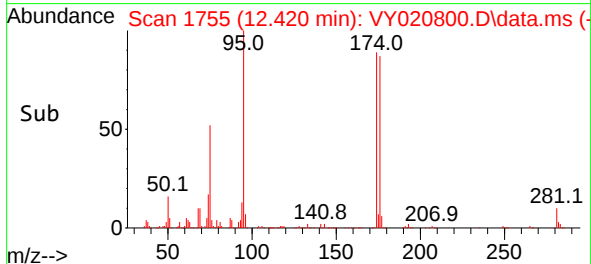
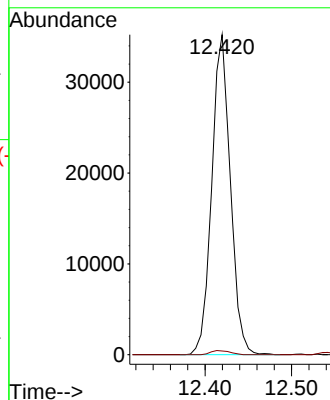
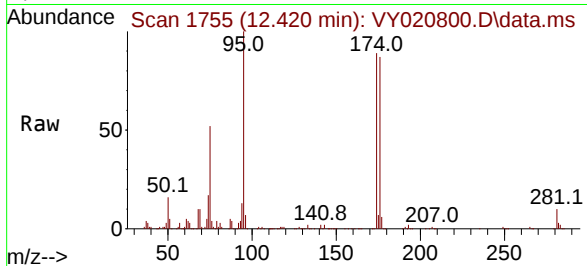




#76
1,2,3-Trichloropropane
Concen: 63.409 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52505
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.700 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 75 Resp: 52505
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.2 39.6 59.4#

