

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020870.D
 Acq On : 20 Jan 2025 10:09
 Operator : SY/MD
 Sample : VY0120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:37:35 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)

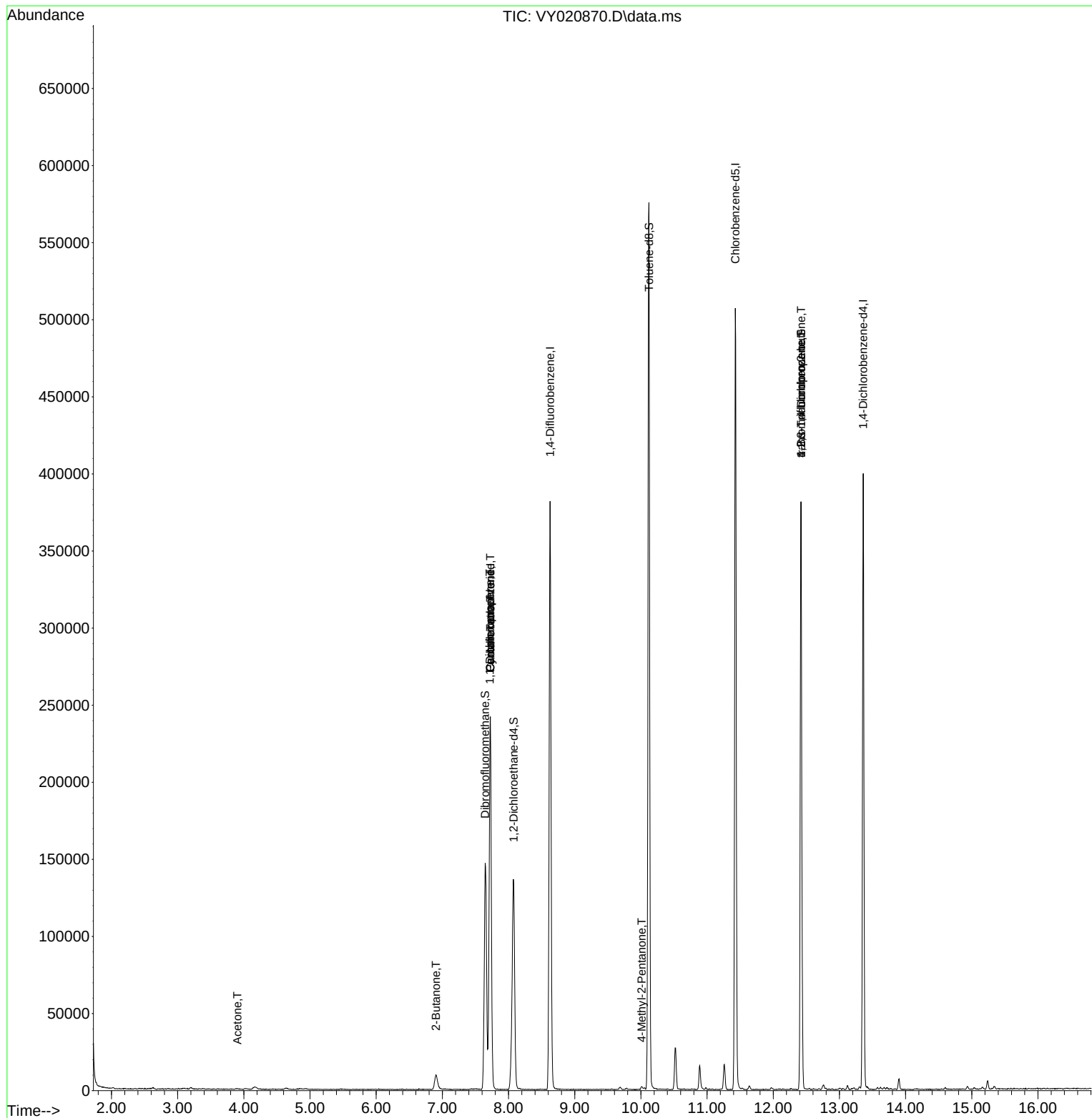
Internal Standards						
1) Pentafluorobenzene	7.726	168	199413	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	339043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	103586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	101083	59.638	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.280%	
35) Dibromofluoromethane	7.646	113	107685	50.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.121	98	391601	52.887	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.420	95	113763	41.605	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.200%	
Target Compounds						Qvalue
16) Acetone	3.903	43	1049	4.352	ug/l #	70
25) 2-Butanone	6.903	43	681	1.720	ug/l #	45
31) Cyclohexane	7.726	56	3287	1.333	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	13247	4.890	ug/l #	49
38) Carbon Tetrachloride	7.726	117	19085	5.061	ug/l #	16
51) 4-Methyl-2-Pentanone	10.012	43	1358	1.240	ug/l	88
76) 1,2,3-Trichloropropane	12.420	75	55696	61.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	55696	129.570	ug/l #	14

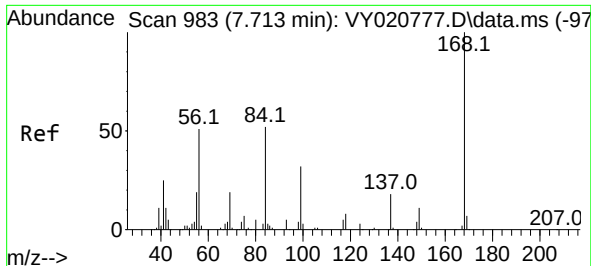
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
Data File : VY020870.D
Acq On : 20 Jan 2025 10:09
Operator : SY/MD
Sample : VY0120SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 00:37:35 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

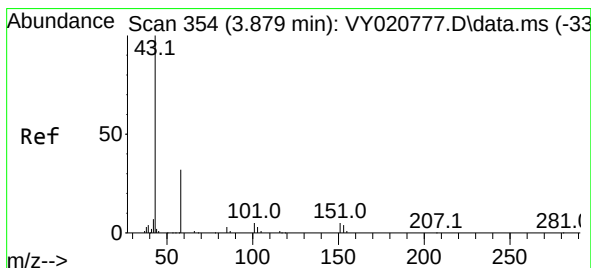
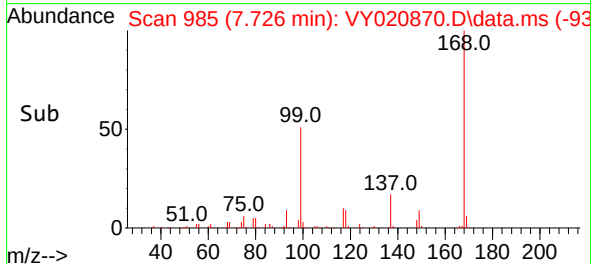
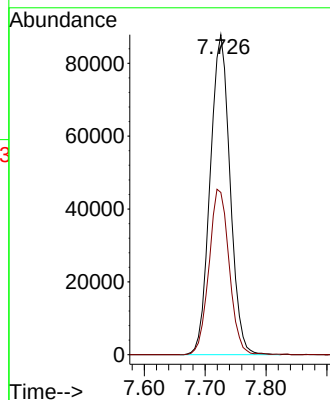
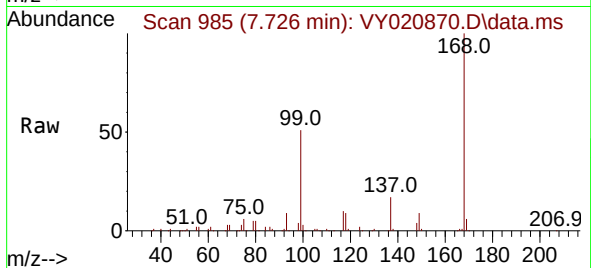




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

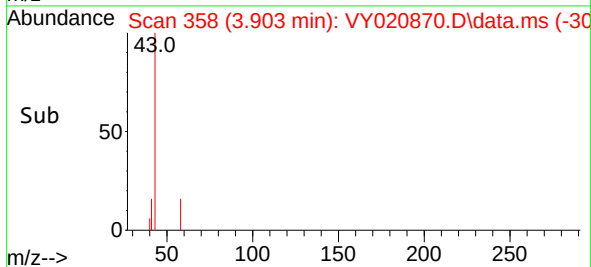
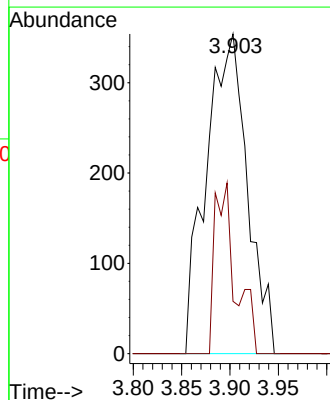
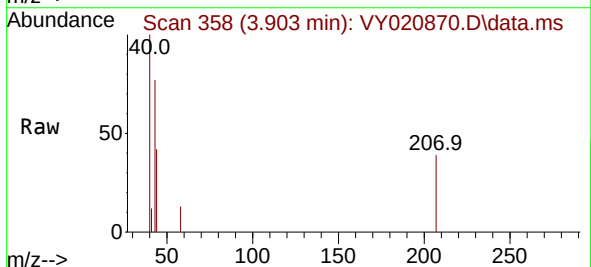
Instrument :
MSVOA_Y
ClientSampleId :

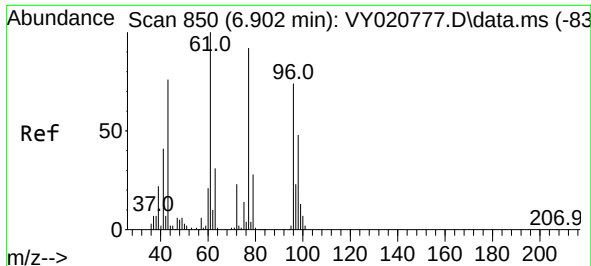
Tgt Ion:168 Resp: 199413
Ion Ratio Lower Upper
168 100
99 50.7 44.3 66.5



#16
Acetone
Concen: 4.352 ug/l
RT: 3.903 min Scan# 358
Delta R.T. 0.024 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

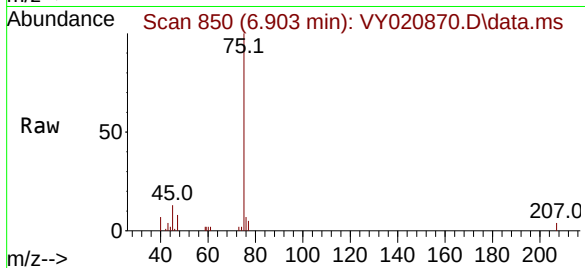
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 16.4 26.7 40.1#



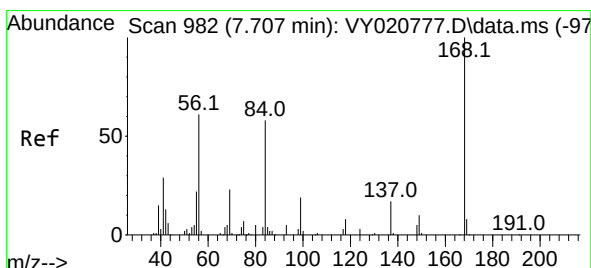
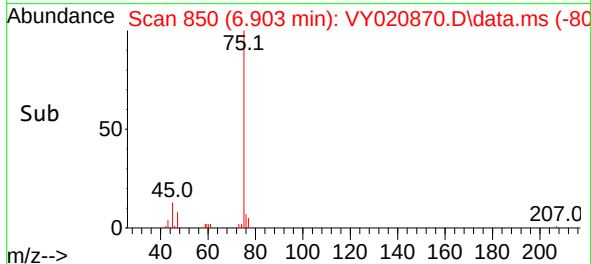
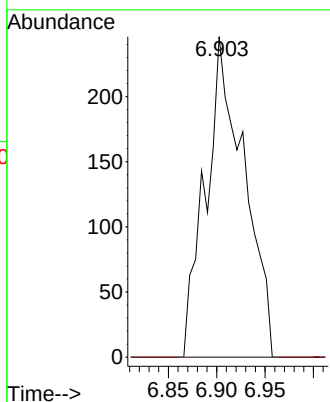


#25
2-Butanone
Concen: 1.720 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :

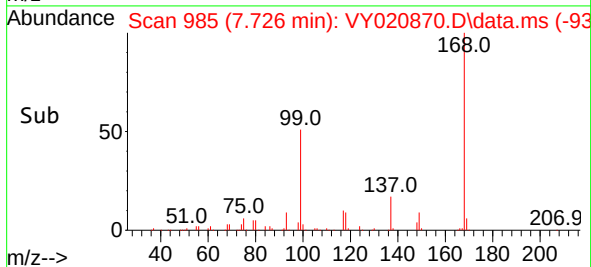
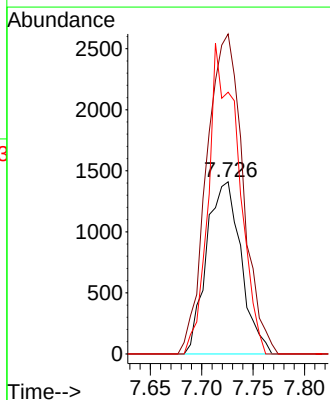
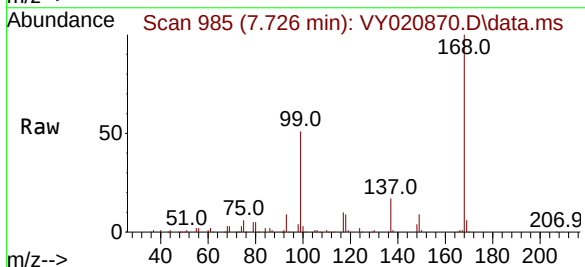


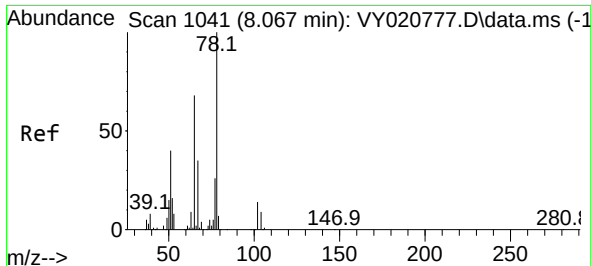
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.018 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Tgt Ion: 56 Resp: 3287
Ion Ratio Lower Upper
56 100
69 185.9 30.5 45.7#
84 152.1 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 59.638 ug/l

RT: 8.079 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Instrument :

MSVOA_Y

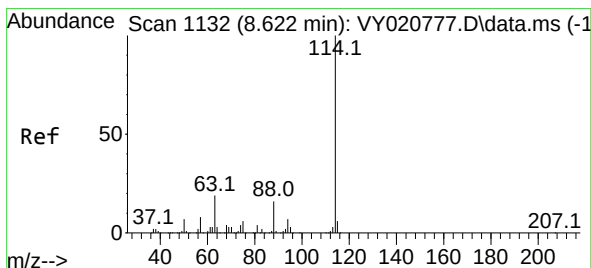
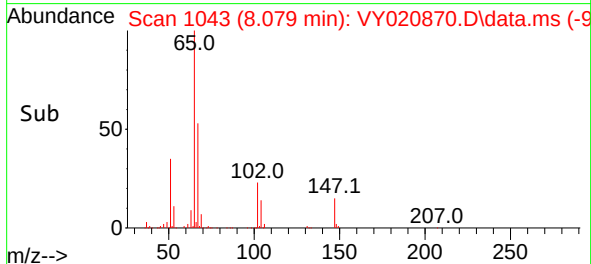
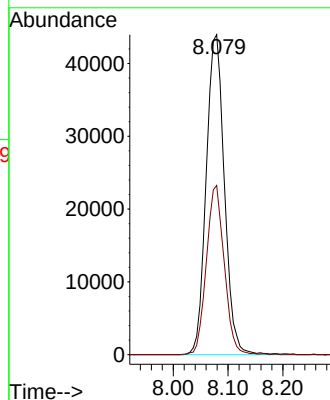
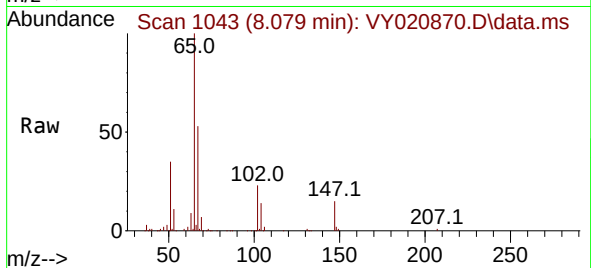
ClientSampleId :

Tgt Ion: 65 Resp: 101083

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

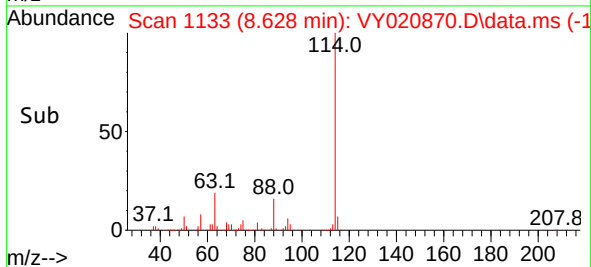
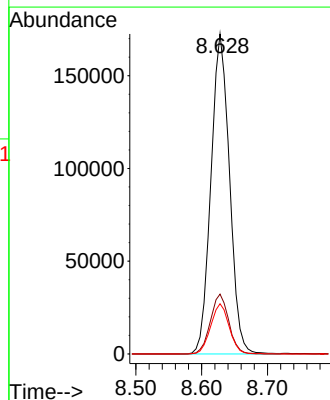
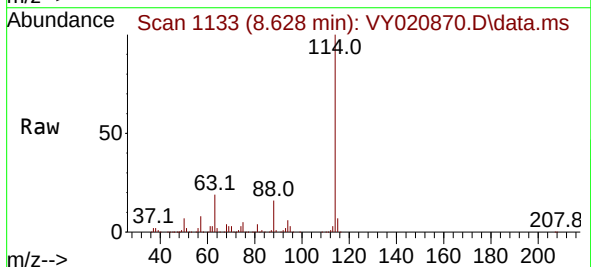
Tgt Ion:114 Resp: 339043

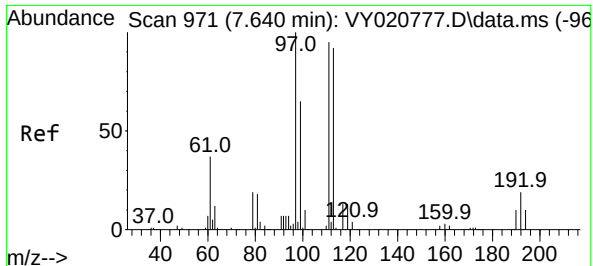
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

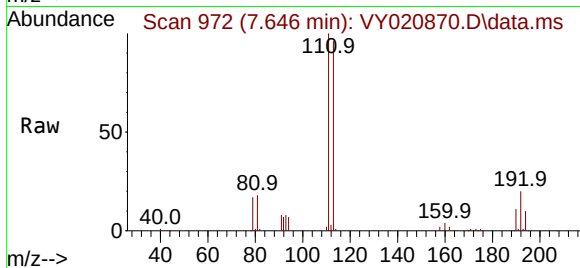
88 15.7 0.0 31.2



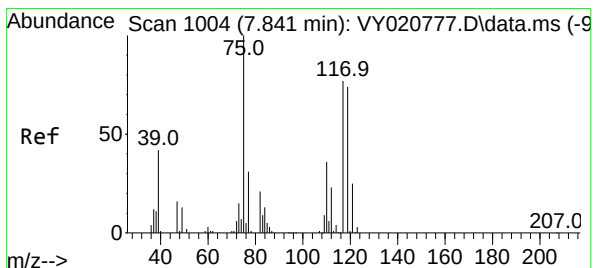
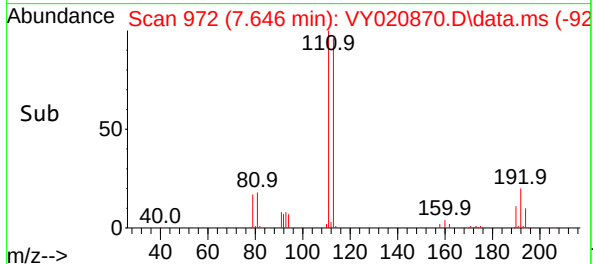
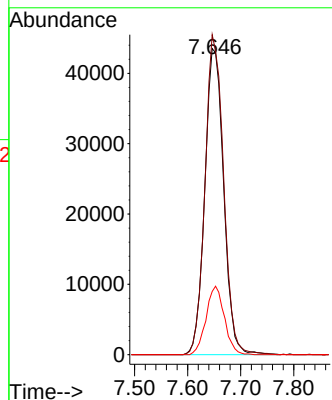


#35
 Dibromofluoromethane
 Concen: 50.697 ug/l
 RT: 7.646 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY020870.D
 Acq: 20 Jan 2025 10:09

Instrument :
 MSVOA_Y
 ClientSampleId :

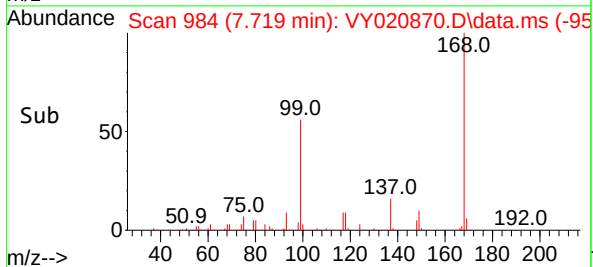
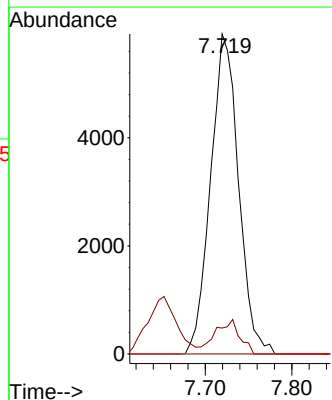
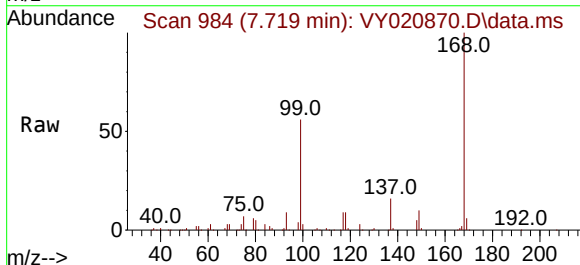


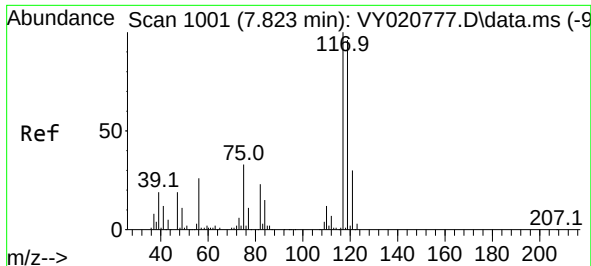
Tgt Ion:113 Resp: 107685
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 21.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.890 ug/l
 RT: 7.719 min Scan# 984
 Delta R.T. -0.122 min
 Lab File: VY020870.D
 Acq: 20 Jan 2025 10:09

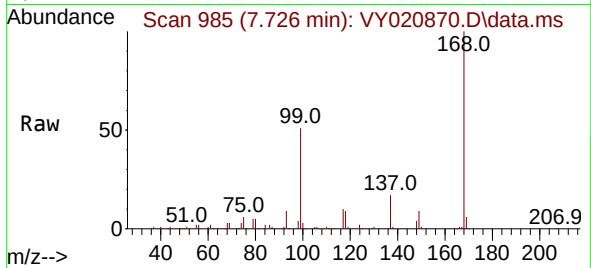
Tgt Ion: 75 Resp: 13247
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.5 55.5#
 77 0.0 25.0 37.4#



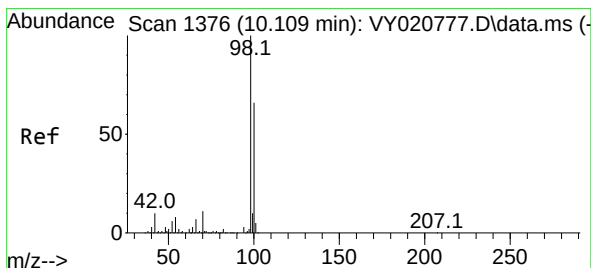
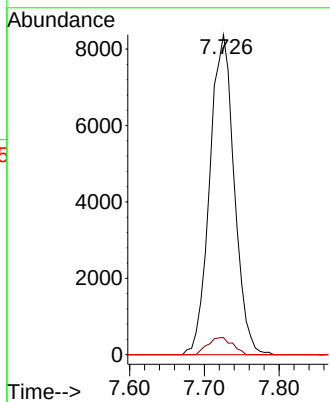
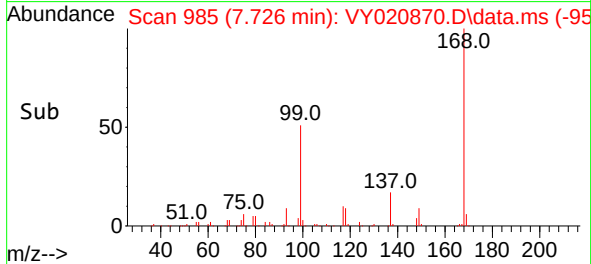


#38
Carbon Tetrachloride
Concen: 5.061 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :

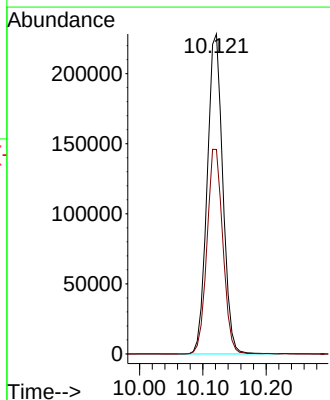
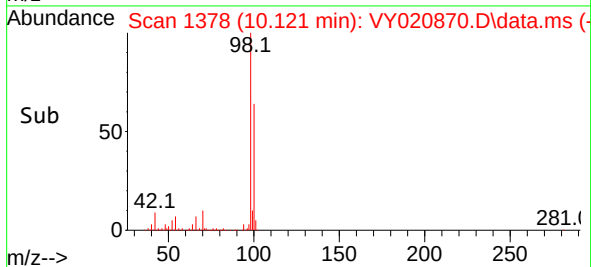
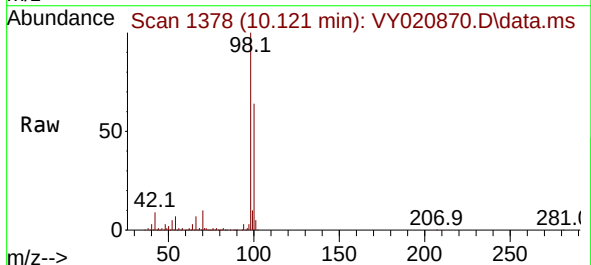


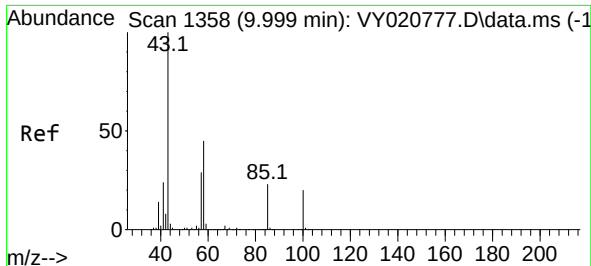
Tgt Ion:117 Resp: 19085
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 52.887 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Tgt Ion: 98 Resp: 391601
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.240 ug/l

RT: 10.012 min Scan# 1358

Delta R.T. 0.012 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Instrument :

MSVOA_Y

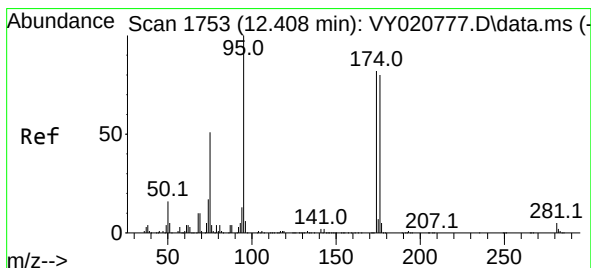
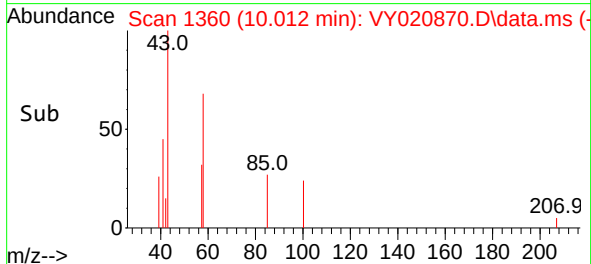
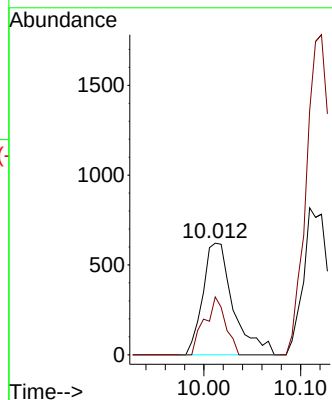
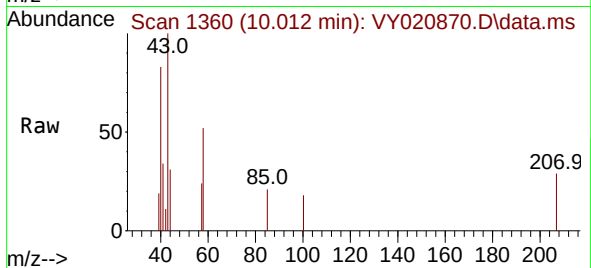
ClientSampleId :

Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

58 35.9 34.8 52.2



#62

4-Bromofluorobenzene

Concen: 41.605 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

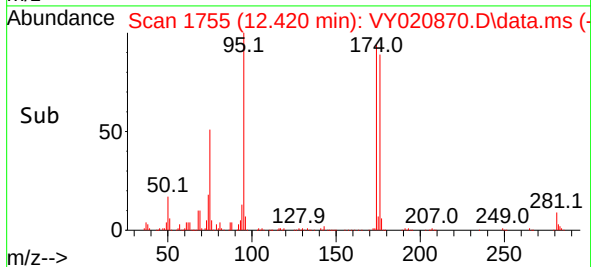
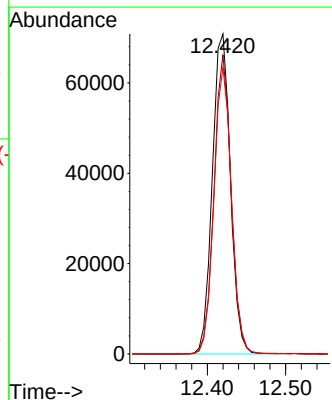
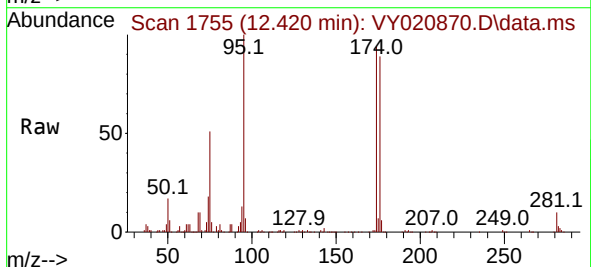
Tgt Ion: 95 Resp: 113763

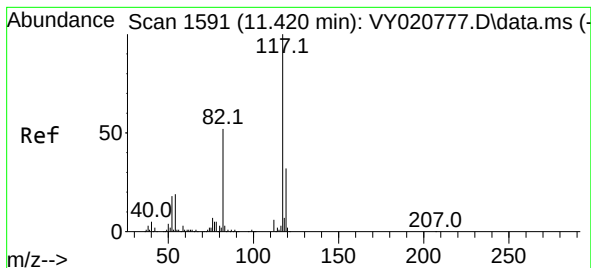
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.0

176 86.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

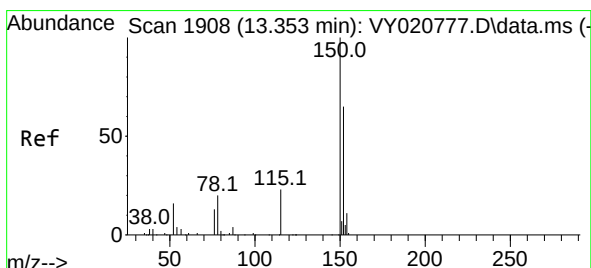
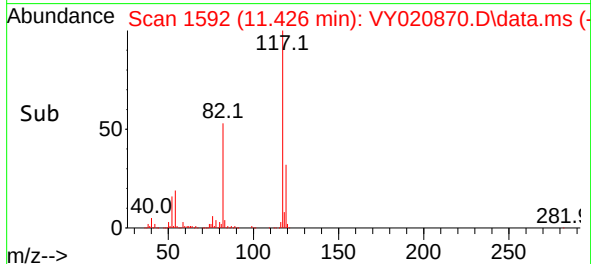
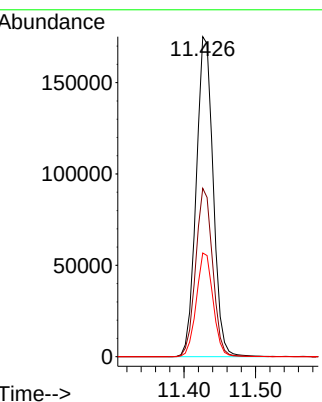
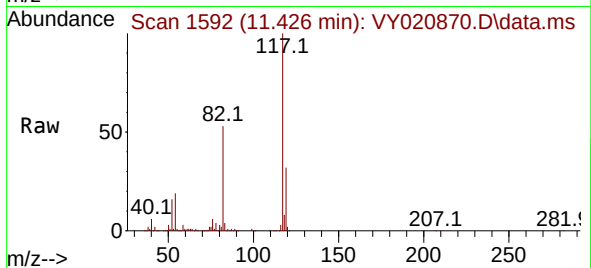
Tgt Ion:117 Resp: 287948

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 32.4 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: VY020870.D

Acq: 20 Jan 2025 10:09

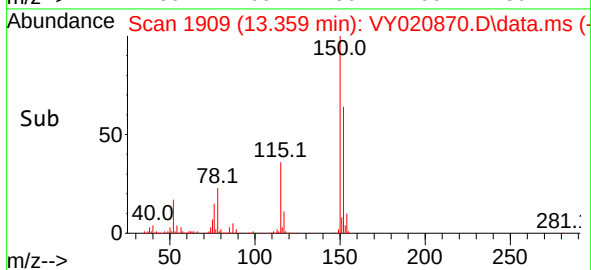
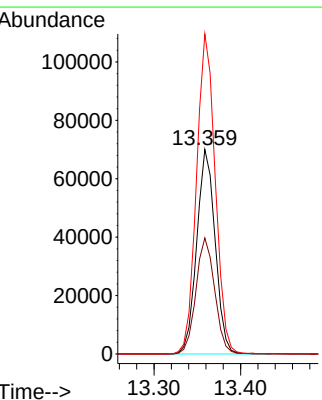
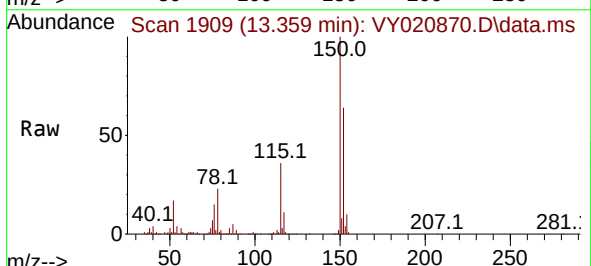
Tgt Ion:152 Resp: 103586

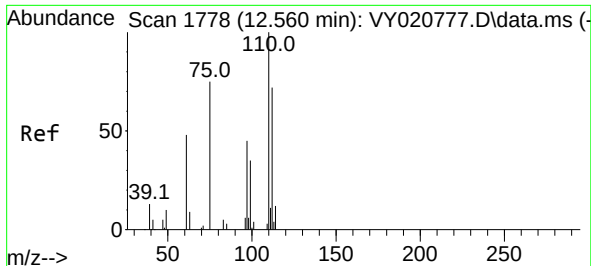
Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

150 158.9 0.0 347.4

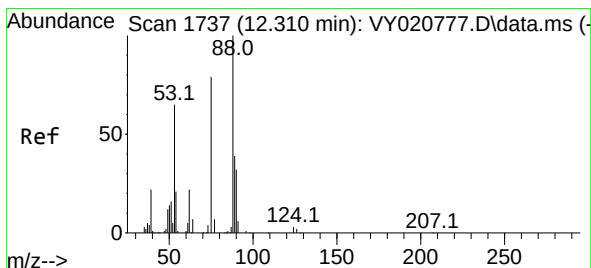
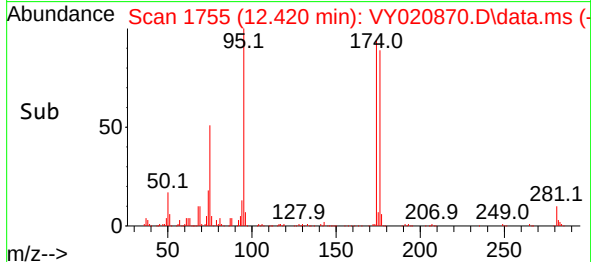
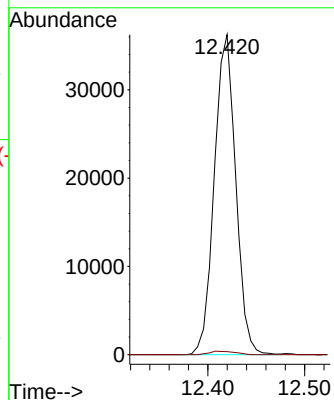
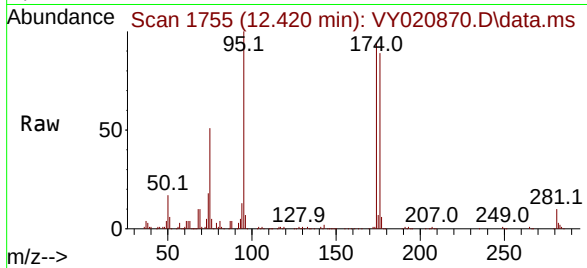




#76
1,2,3-Trichloropropane
Concen: 61.450 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55696
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.570 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Tgt Ion: 75 Resp: 55696
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

