

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020860.D
 Acq On : 17 Jan 2025 17:07
 Operator : SY/MD
 Sample : Q1132-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:28:38 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)

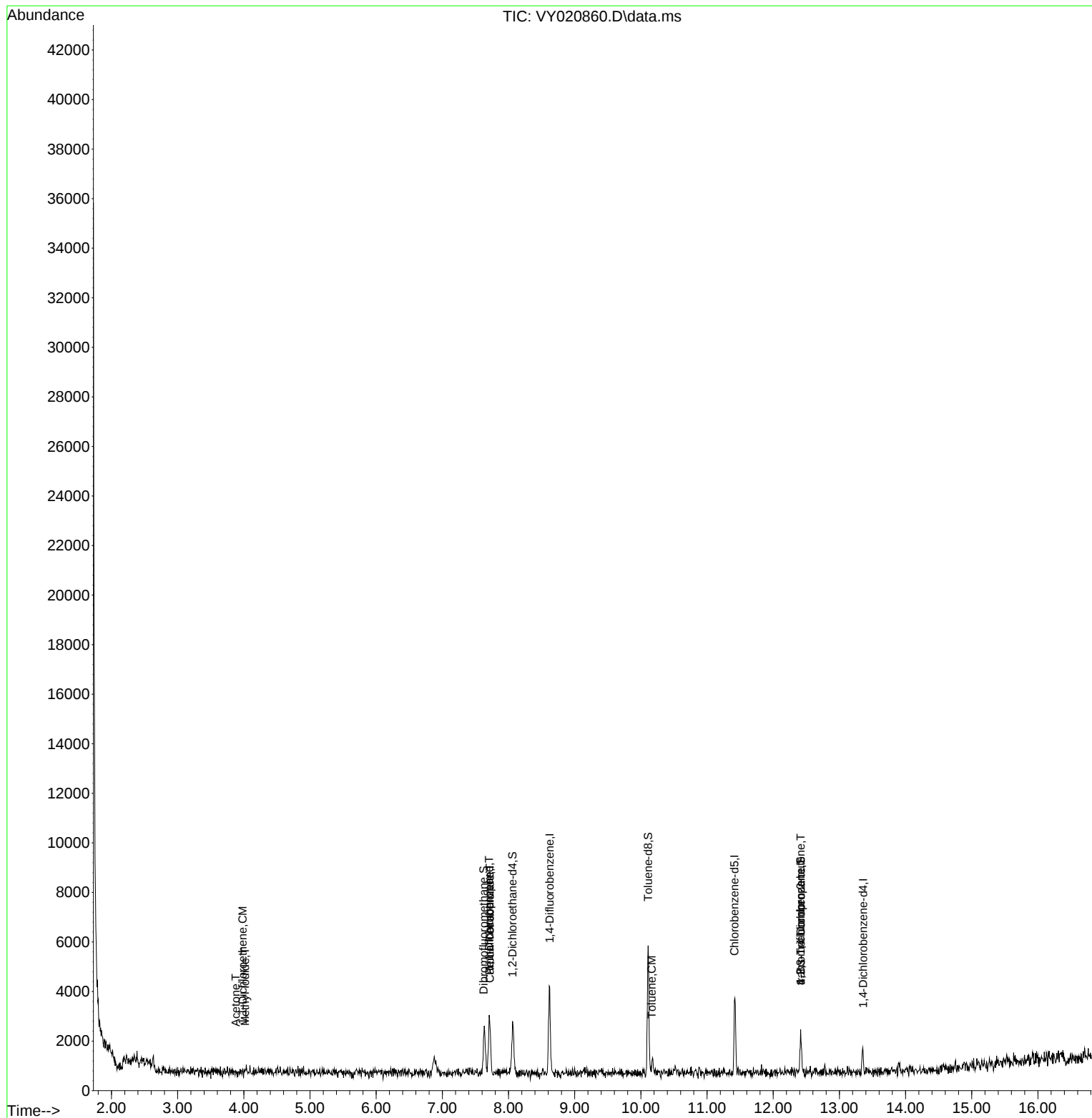
Internal Standards						
1) Pentafluorobenzene	7.713	168	2139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	3828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1673	92.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.040%#	
35) Dibromofluoromethane	7.622	113	1493	62.255	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.500%	
50) Toluene-d8	10.109	98	3951	47.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.520%	
62) 4-Bromofluorobenzene	12.414	95	412	13.345	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 26.700%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.019	142	232	11.368	ug/l #	47
12) 1,1-Dichloroethene	3.982	96	22	1.319	ug/l #	1
16) Acetone	3.879	43	45	17.406	ug/l #	41
36) 1,1-Dichloropropene	7.707	75	97	3.171	ug/l #	40
38) Carbon Tetrachloride	7.719	117	171	4.016	ug/l #	12
52) Toluene	10.164	92	391	6.289	ug/l	94
76) 1,2,3-Trichloropropane	12.414	75	235	67.652	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	235	142.646	ug/l #	14

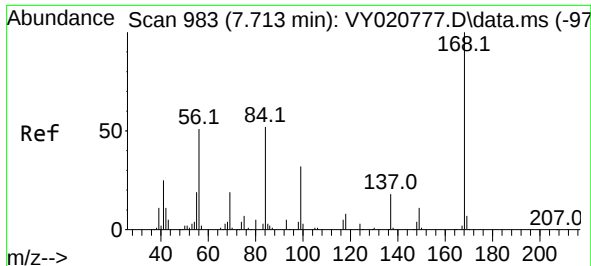
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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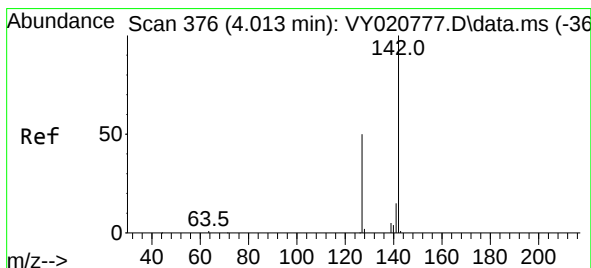
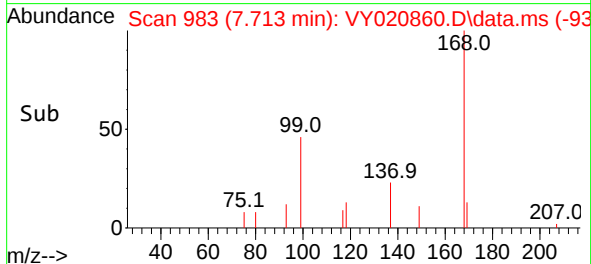
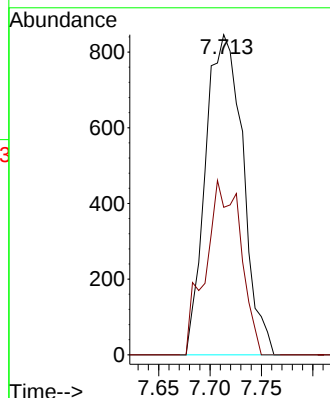
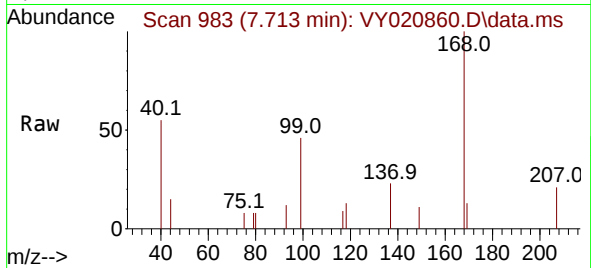




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

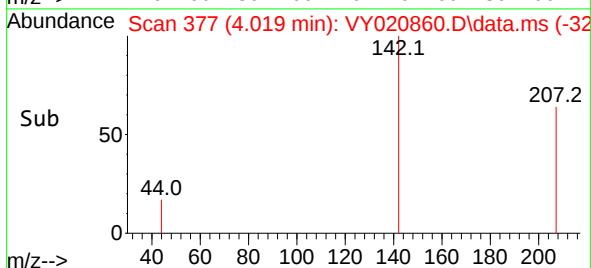
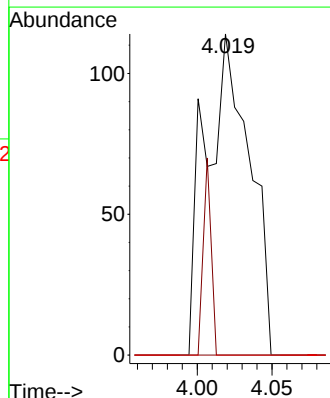
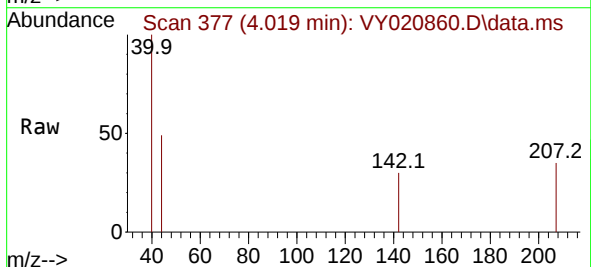
Instrument :
MSVOA_Y
ClientSampleId :

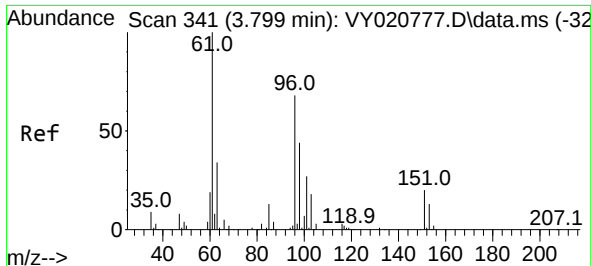
Tgt Ion:168 Resp: 2139
Ion Ratio Lower Upper
168 100
99 46.1 44.3 66.5



#10
Methyl Iodide
Concen: 11.368 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Tgt Ion:142 Resp: 232
Ion Ratio Lower Upper
142 100
127 11.2 41.0 61.6#
141 0.0 11.6 17.4#





#12

1,1-Dichloroethene

Concen: 1.319 ug/l

RT: 3.982 min Scan# 31

Delta R.T. 0.183 min

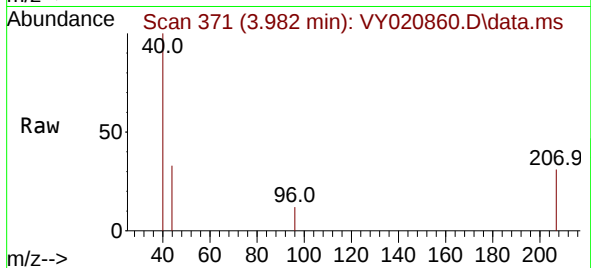
Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

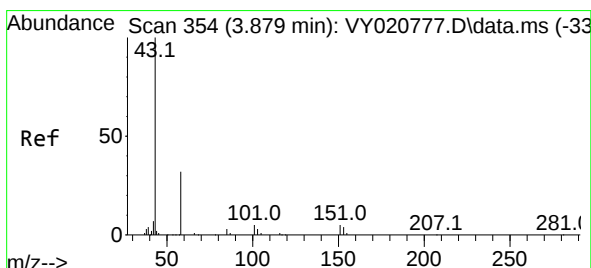
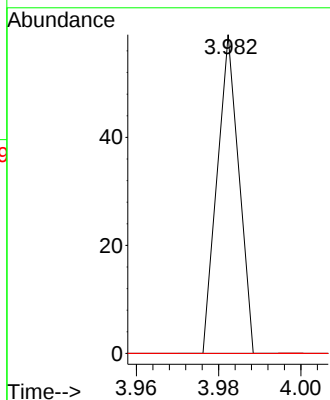
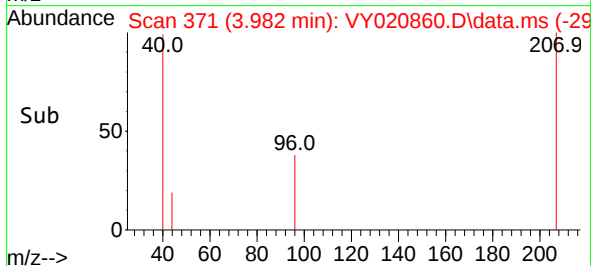
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	96	Resp:	22
Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.8	176.8#
98	0.0	51.9	77.9#



#16

Acetone

Concen: 17.406 ug/l

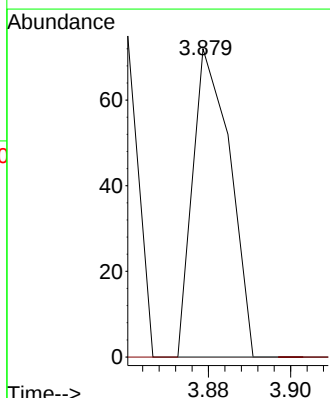
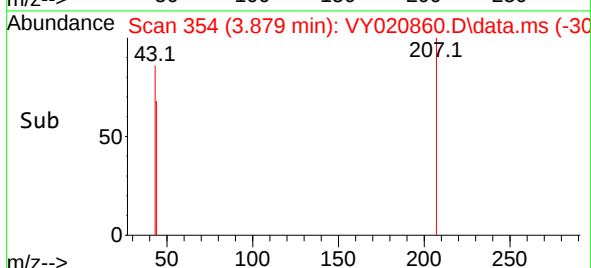
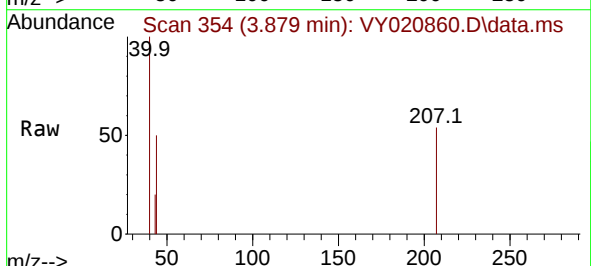
RT: 3.879 min Scan# 354

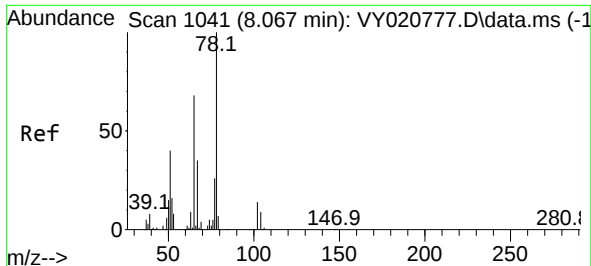
Delta R.T. 0.000 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Tgt Ion:	43	Resp:	45
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#





#33

1,2-Dichloroethane-d4

Concen: 92.020 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Instrument :

MSVOA_Y

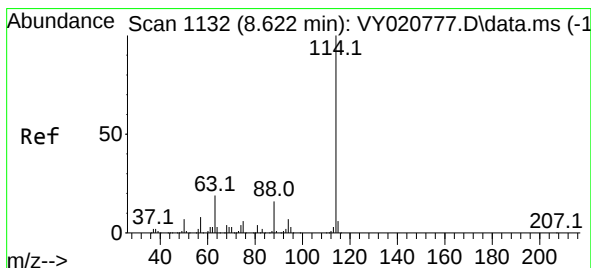
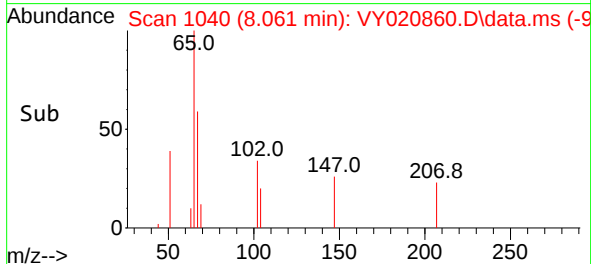
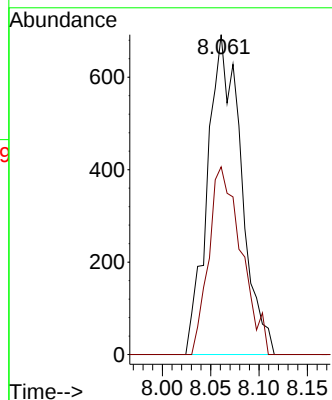
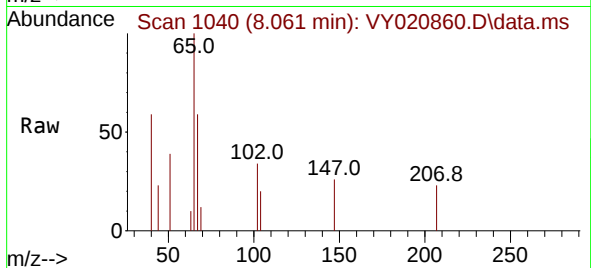
ClientSampleId :

Tgt Ion: 65 Resp: 1673

Ion Ratio Lower Upper

65 100

67 56.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

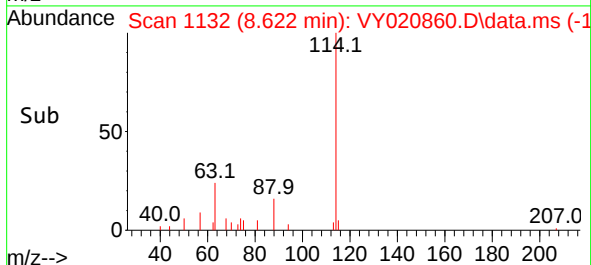
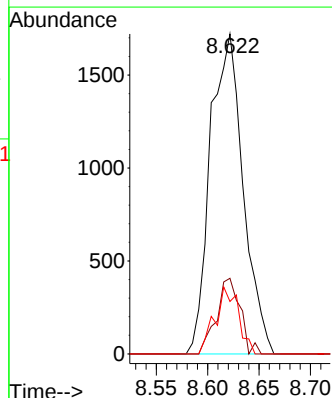
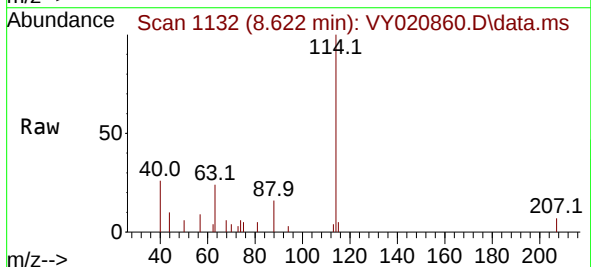
Tgt Ion: 114 Resp: 3828

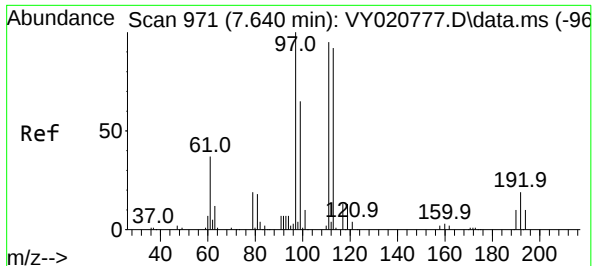
Ion Ratio Lower Upper

114 100

63 23.6 0.0 38.4

88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 62.255 ug/l

RT: 7.622 min Scan# 91

Delta R.T. -0.018 min

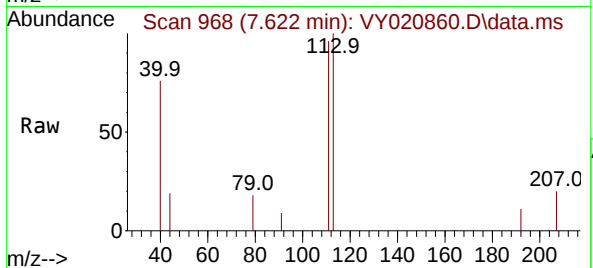
Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Instrument :

MSVOA_Y

ClientSampleId :



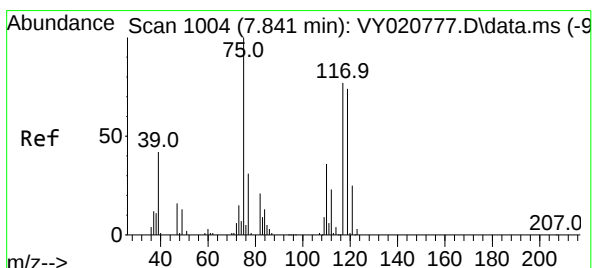
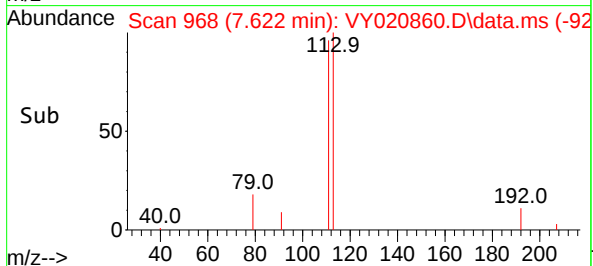
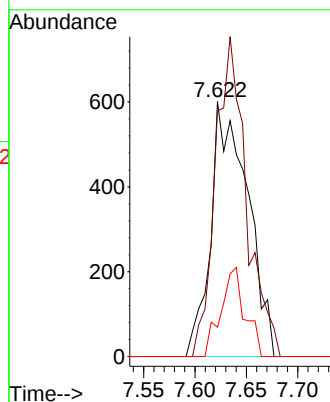
Tgt Ion:113 Resp: 1493

Ion Ratio Lower Upper

113 100

111 105.7 81.7 122.5

192 23.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 3.171 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

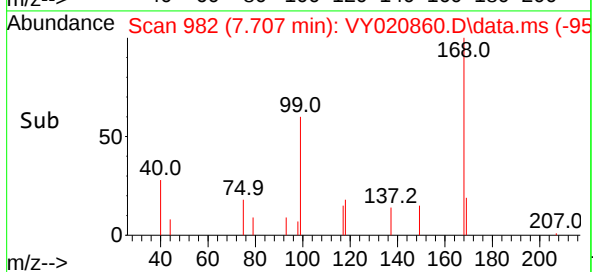
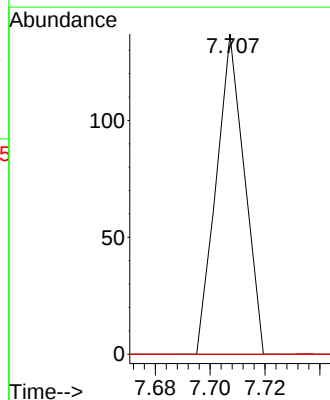
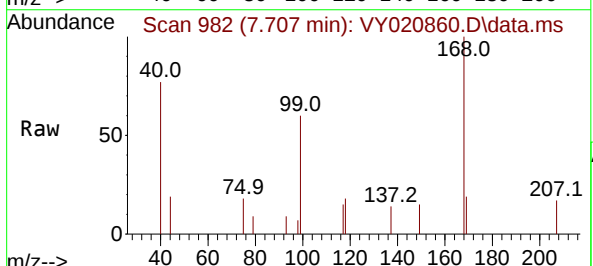
Tgt Ion: 75 Resp: 97

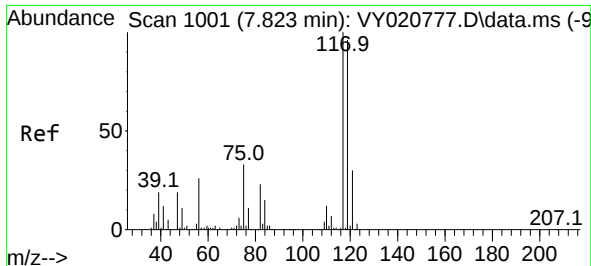
Ion Ratio Lower Upper

75 100

110 0.0 18.5 55.5#

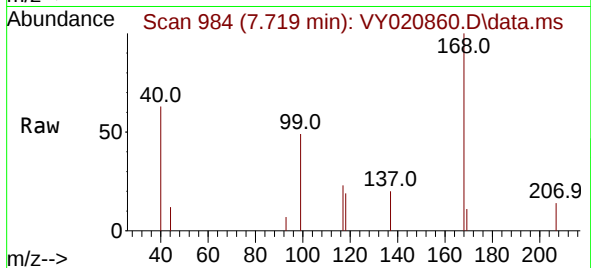
77 0.0 25.0 37.4#



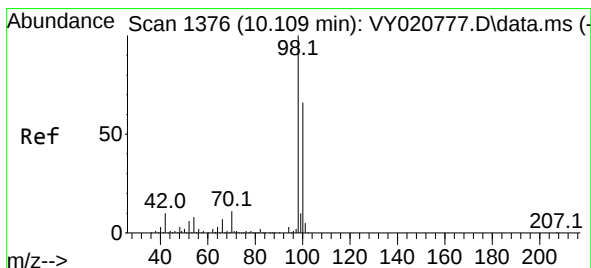
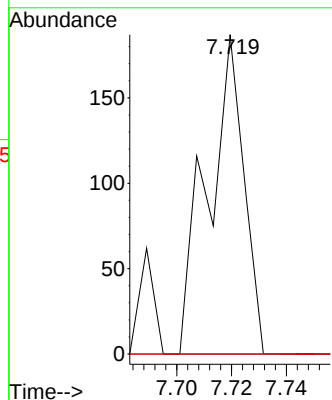
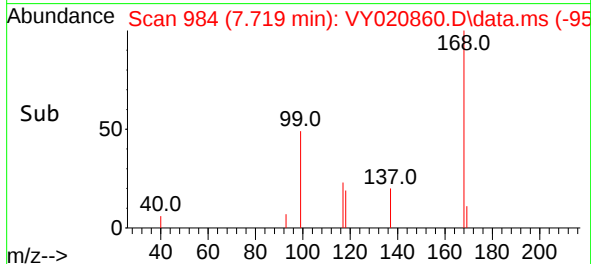


#38
Carbon Tetrachloride
Concen: 4.016 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Instrument :
MSVOA_Y
ClientSampleId :

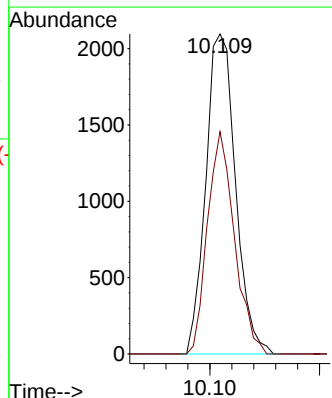
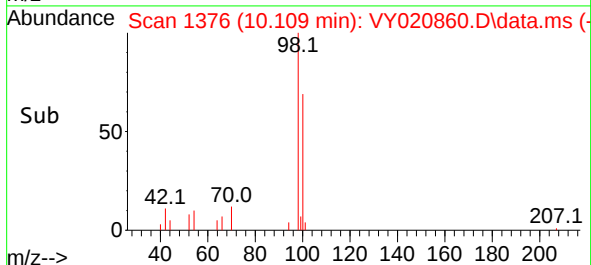
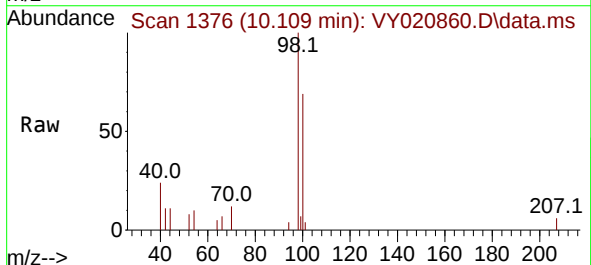


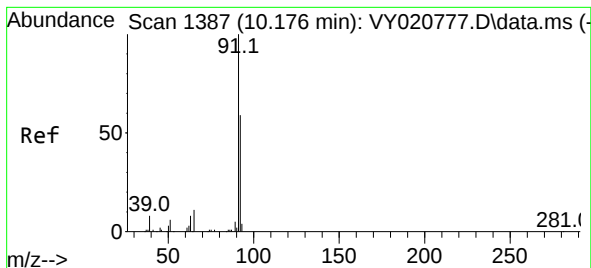
Tgt Ion:117 Resp: 171
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 47.260 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Tgt Ion: 98 Resp: 3951
Ion Ratio Lower Upper
98 100
100 63.0 52.5 78.7





#52

Toluene

Concen: 6.289 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.012 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Instrument :

MSVOA_Y

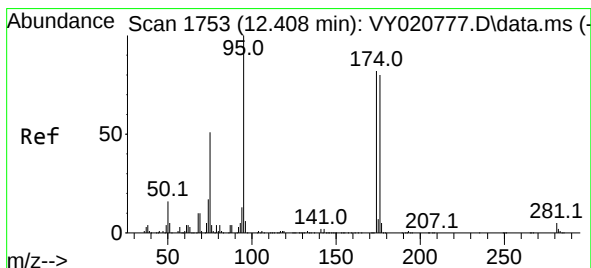
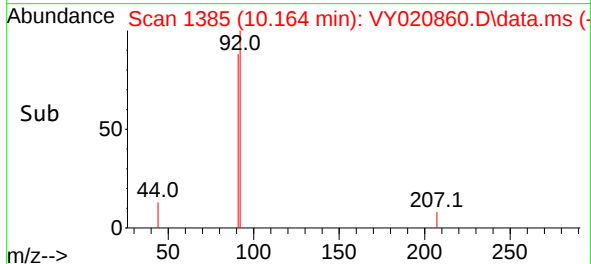
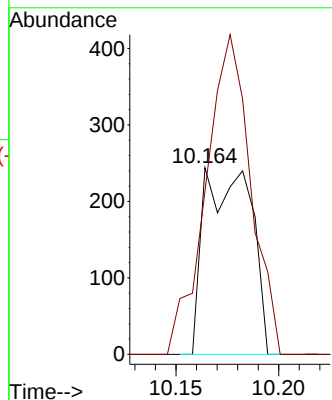
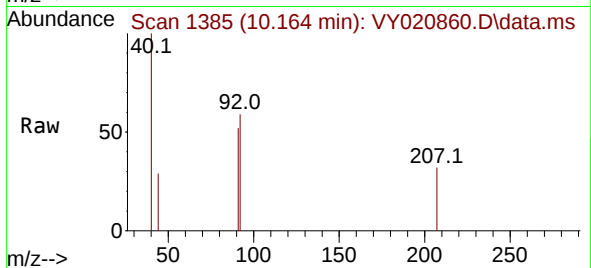
ClientSampleId :

Tgt Ion: 92 Resp: 391

Ion Ratio Lower Upper

92 100

91 161.9 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 13.345 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

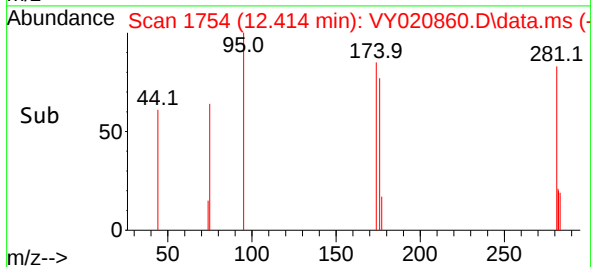
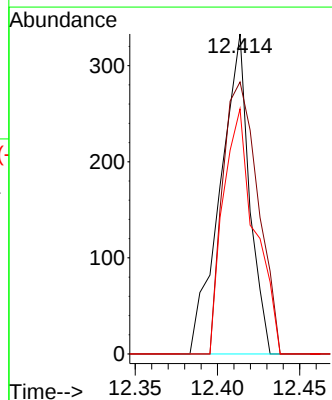
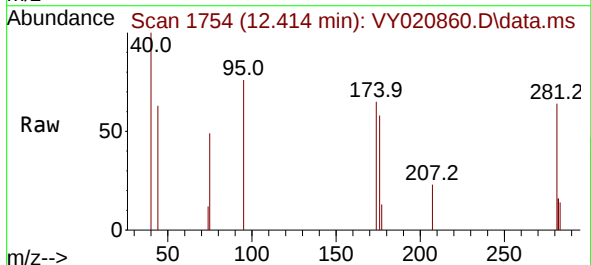
Tgt Ion: 95 Resp: 412

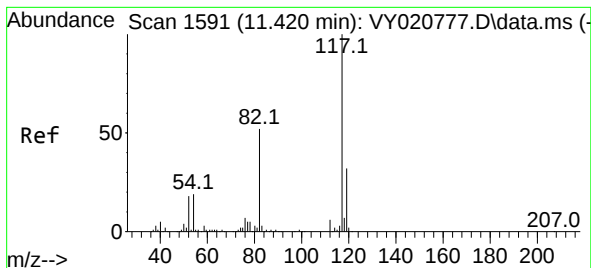
Ion Ratio Lower Upper

95 100

174 102.9 0.0 178.0

176 83.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020860.D

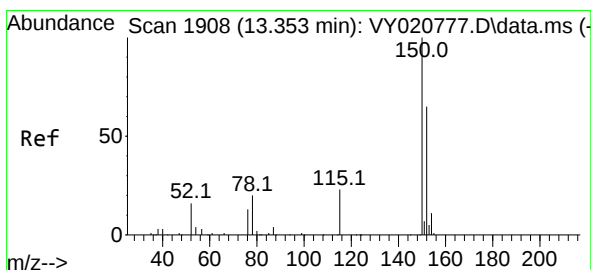
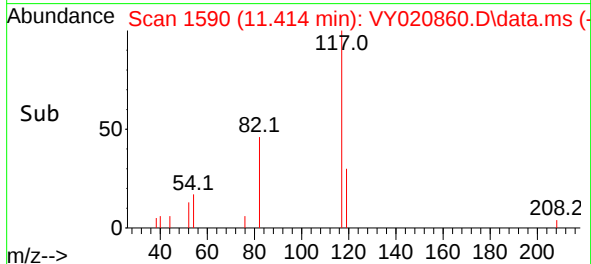
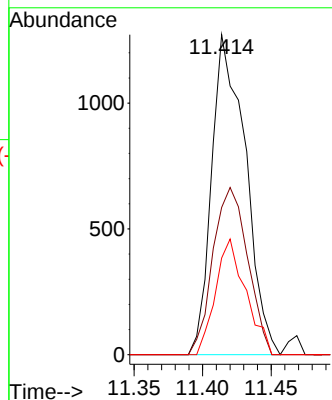
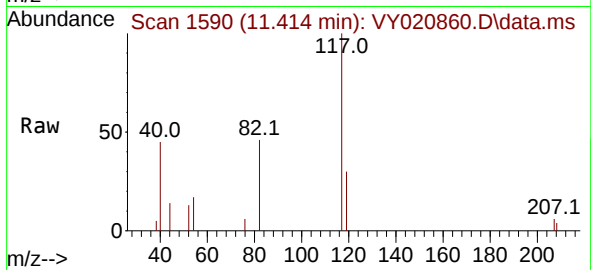
Acq: 17 Jan 2025 17:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	2179
Ion	Ratio	Lower Upper
117	100	
82	46.0	41.8 62.6
119	30.2	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

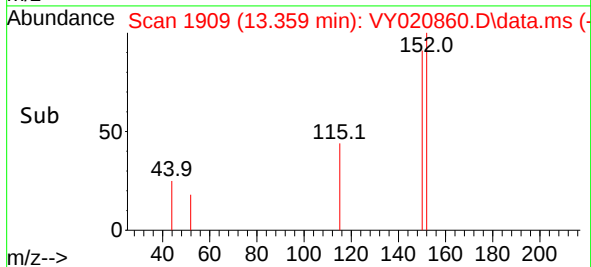
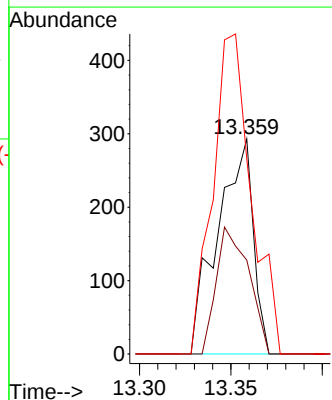
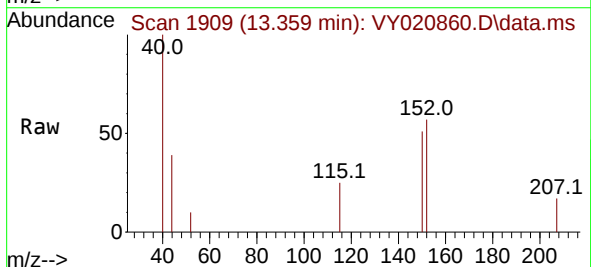
RT: 13.359 min Scan# 1909

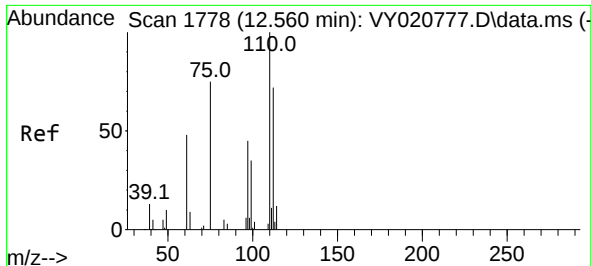
Delta R.T. 0.006 min

Lab File: VY020860.D

Acq: 17 Jan 2025 17:07

Tgt Ion:152	Resp:	397
Ion	Ratio	Lower Upper
152	100	
115	53.9	29.0 87.0
150	160.7	0.0 347.4

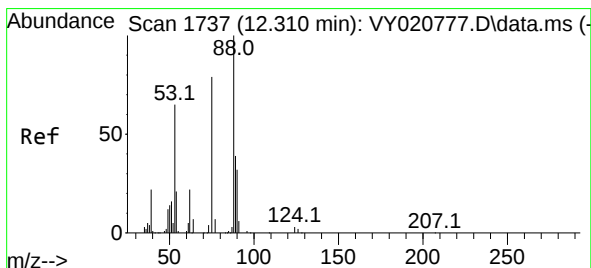
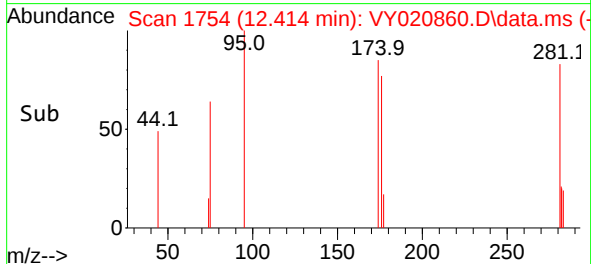
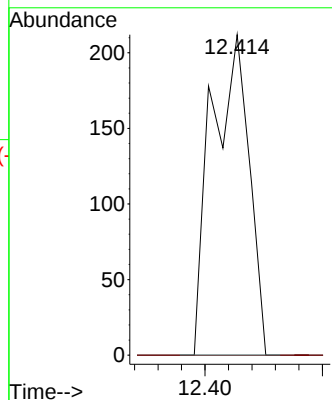
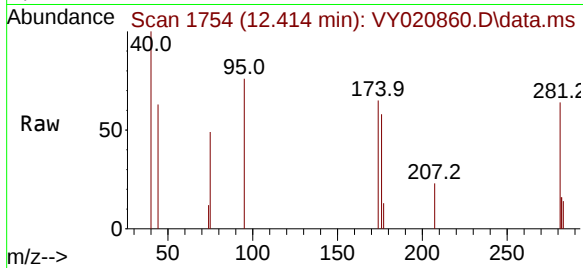




#76
1,2,3-Trichloropropane
Concen: 67.652 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 142.646 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020860.D
Acq: 17 Jan 2025 17:07

Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

