

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020848.D
 Acq On : 17 Jan 2025 12:26
 Operator : SY/MD
 Sample : Q1118-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:24:05 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)

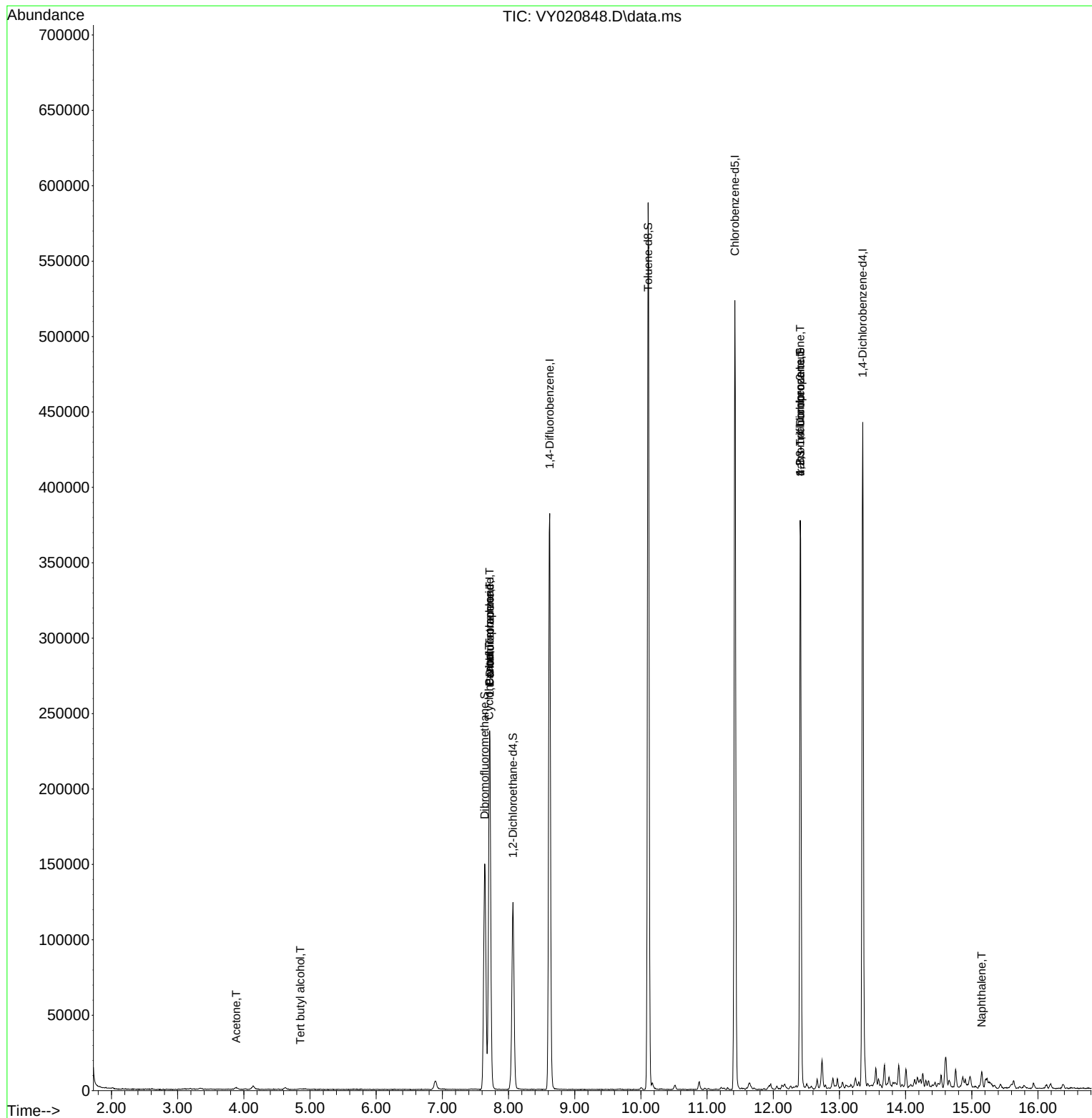
Internal Standards						
1) Pentafluorobenzene	7.713	168	195637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	342704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	293504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	97083	58.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.760%	
35) Dibromofluoromethane	7.640	113	108500	50.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.109	98	397698	53.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.408	95	122460	44.307	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	518	4.123	ug/l #	73
16) Acetone	3.885	43	2153	9.105	ug/l	89
31) Cyclohexane	7.707	56	3332	1.377	ug/l #	26
36) 1,1-Dichloropropene	7.719	75	13053	4.766	ug/l #	51
38) Carbon Tetrachloride	7.713	117	18978	4.978	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	60167	58.975	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60167	124.351	ug/l #	14
95) Naphthalene	15.151	128	8817	2.569	ug/l	98

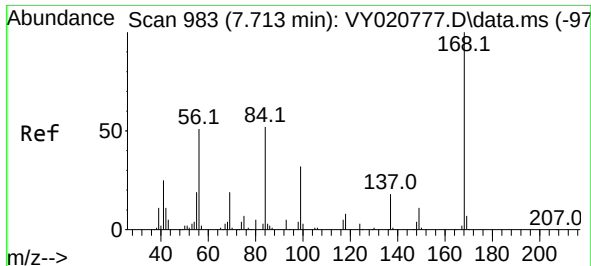
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 01:31:46 2025
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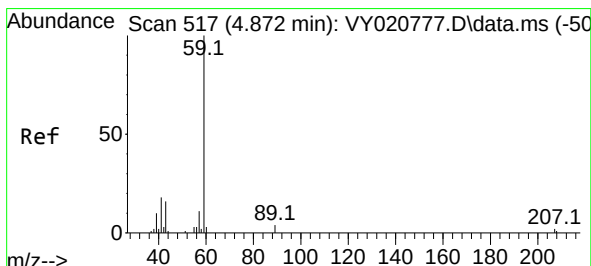
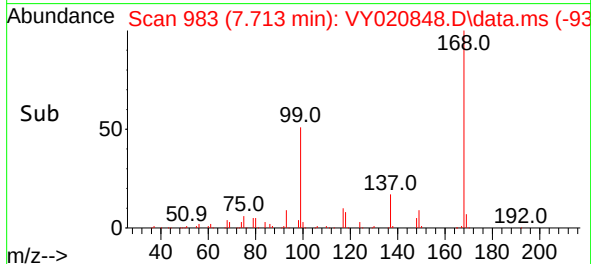
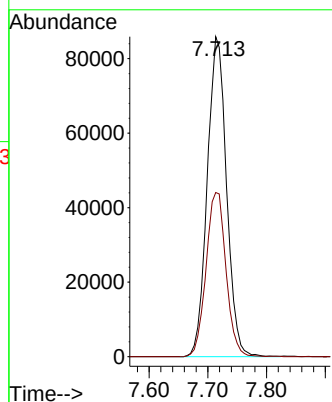
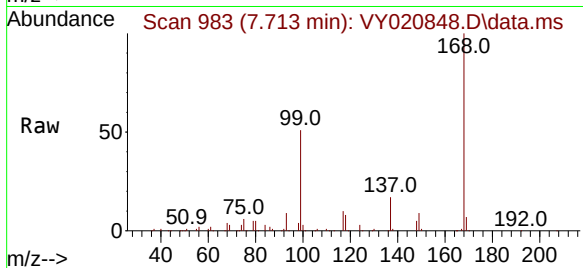




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

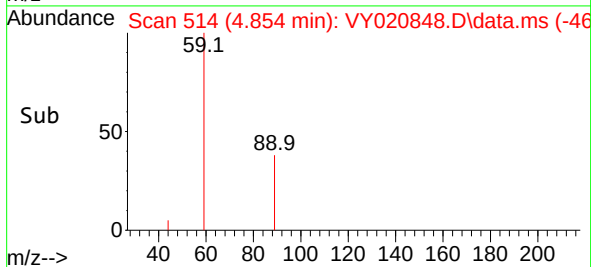
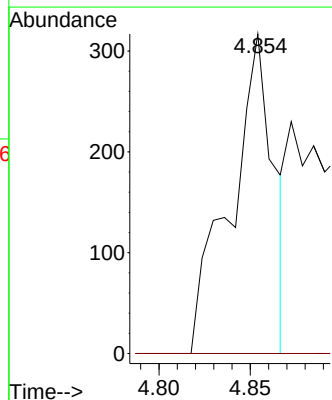
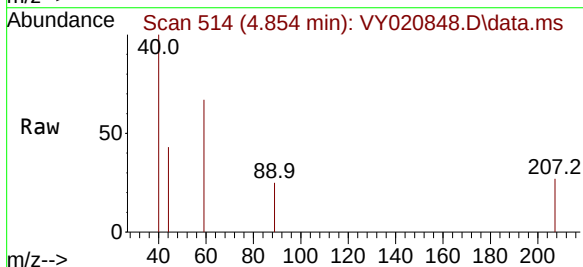
Instrument :
MSVOA_Y
ClientSampleId :

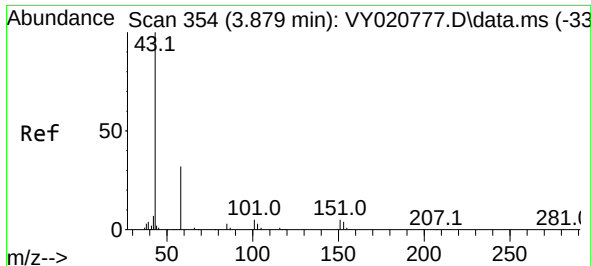
Tgt Ion:168 Resp: 195637
Ion Ratio Lower Upper
168 100
99 51.3 44.3 66.5



#11
Tert butyl alcohol
Concen: 4.123 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

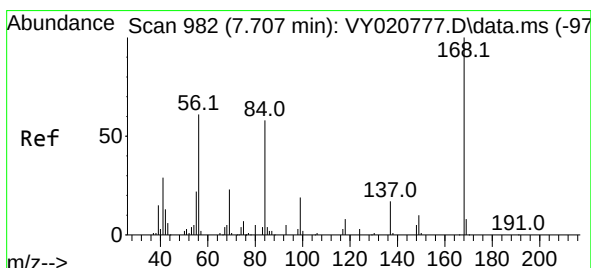
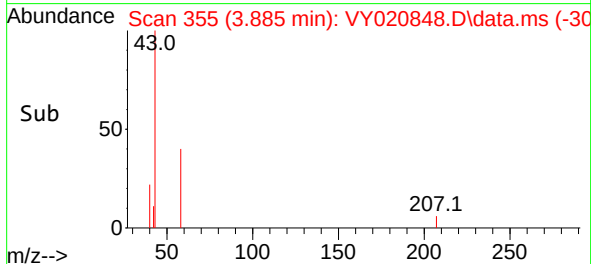
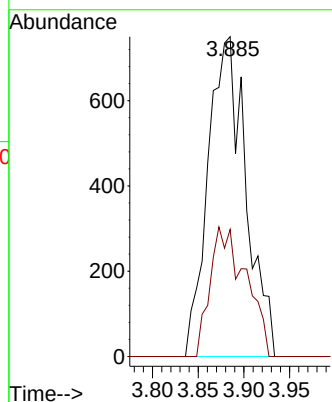
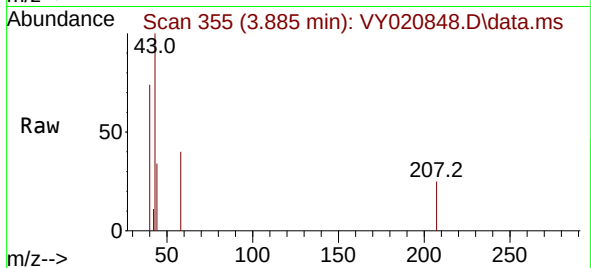




#16
Acetone
Concen: 9.105 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

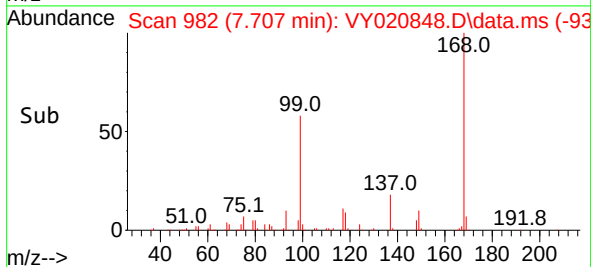
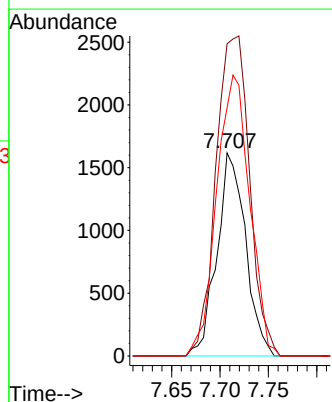
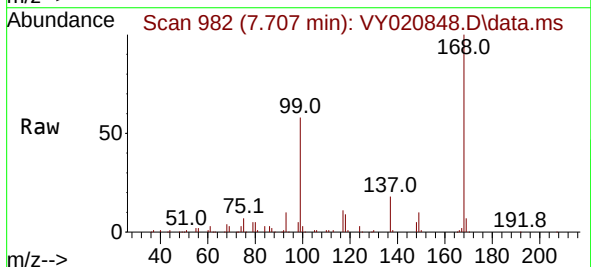
Instrument :
MSVOA_Y
ClientSampleId :

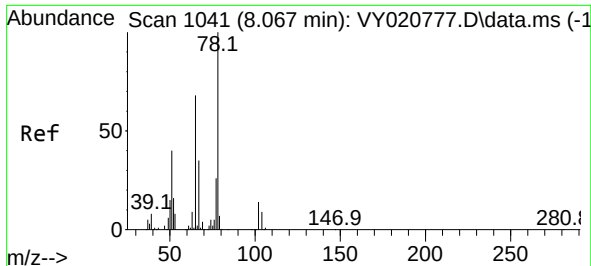
Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
58 39.7 26.7 40.1



#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 153.7 30.5 45.7#
84 122.2 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 58.384 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

Instrument :

MSVOA_Y

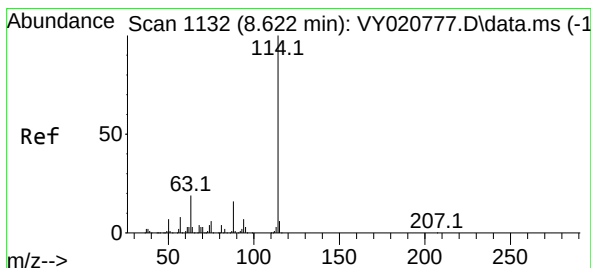
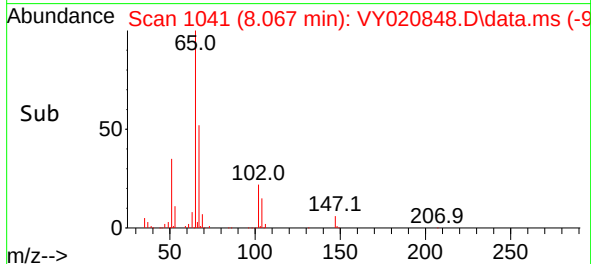
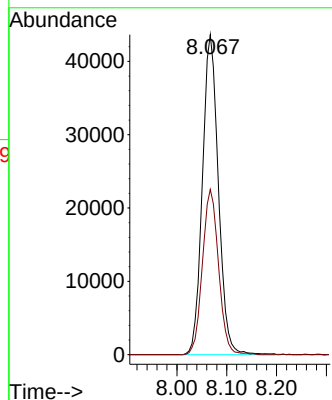
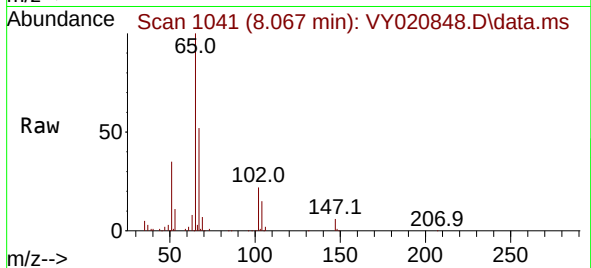
ClientSampleId :

Tgt Ion: 65 Resp: 97083

Ion Ratio Lower Upper

65 100

67 52.1 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: VY020848.D

Acq: 17 Jan 2025 12:26

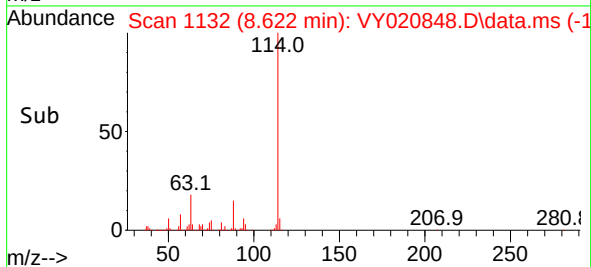
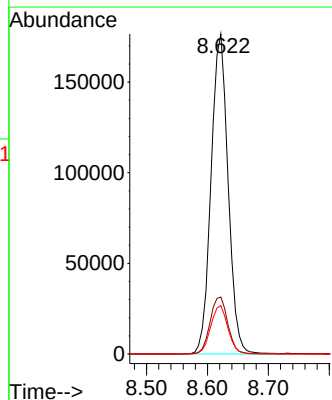
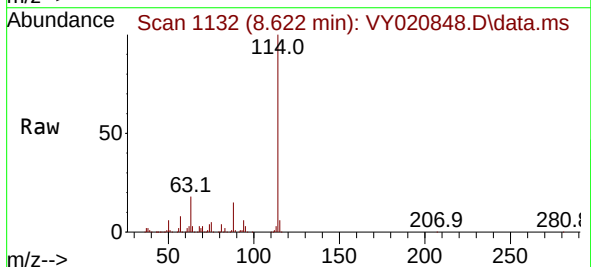
Tgt Ion:114 Resp: 342704

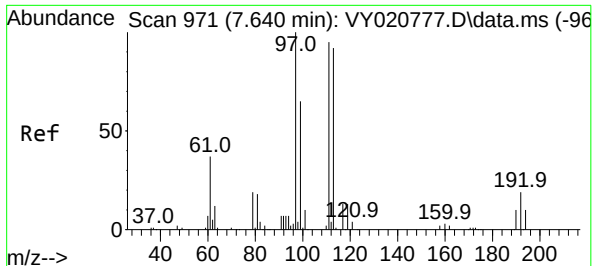
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.535 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

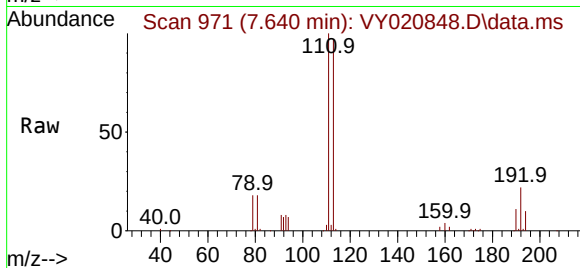
Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :



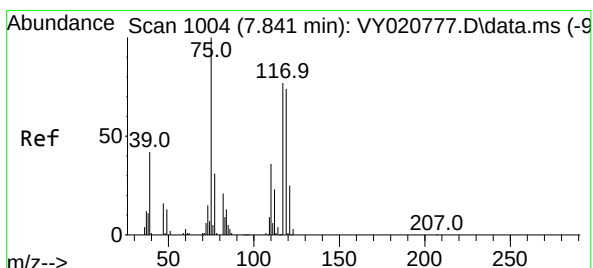
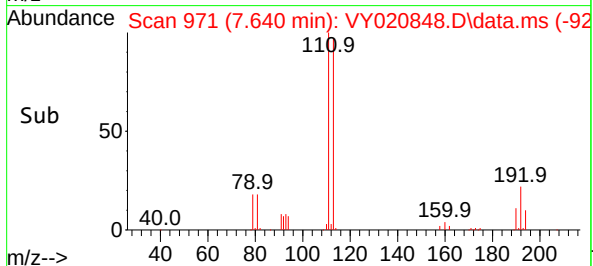
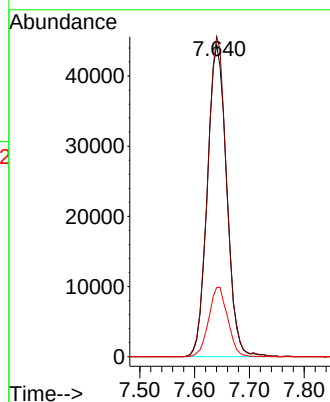
Tgt Ion:113 Resp: 108500

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

192 21.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

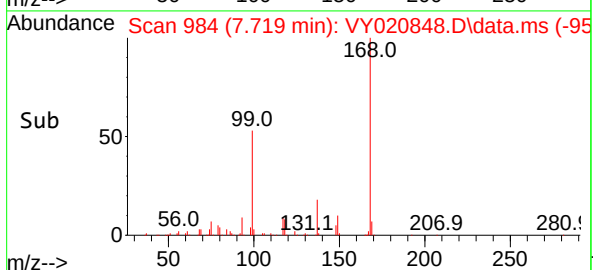
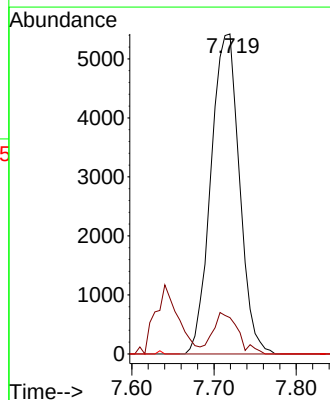
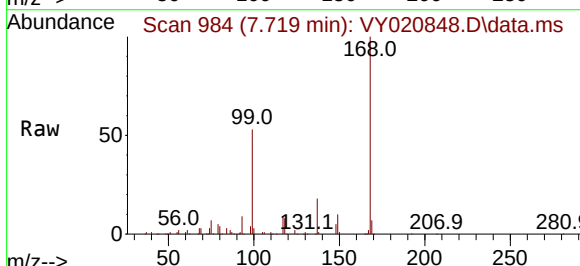
Tgt Ion: 75 Resp: 13053

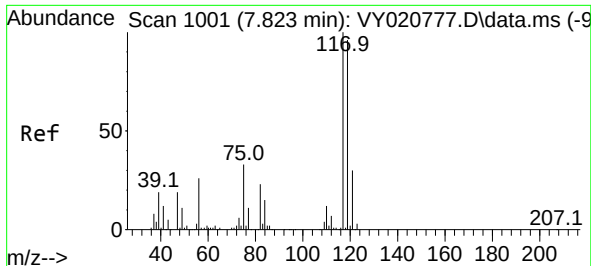
Ion Ratio Lower Upper

75 100

110 11.4 18.5 55.5#

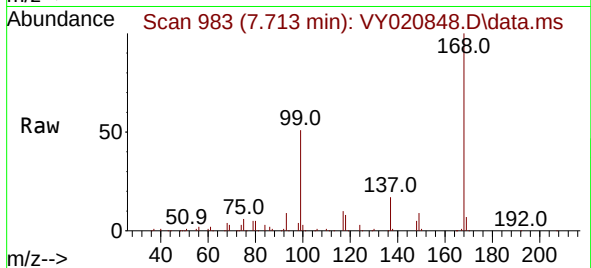
77 0.0 25.0 37.4#



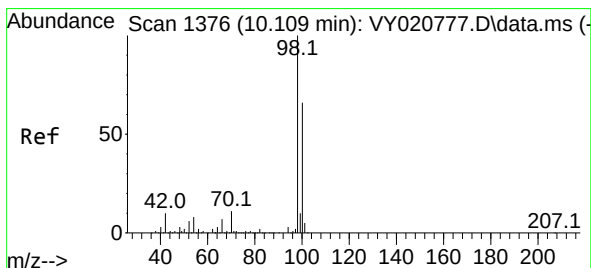
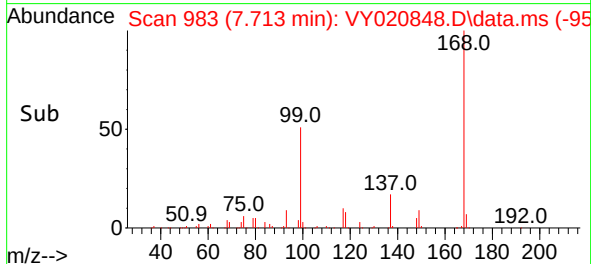
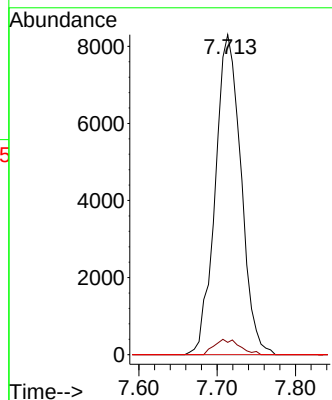


#38
Carbon Tetrachloride
Concen: 4.978 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Instrument :
MSVOA_Y
ClientSampleId :

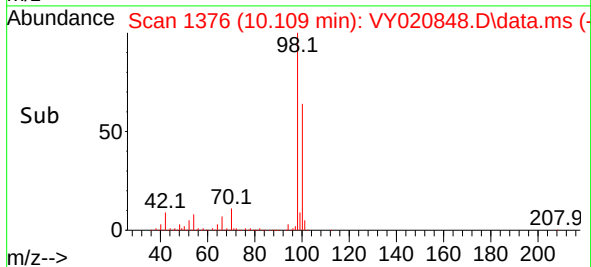
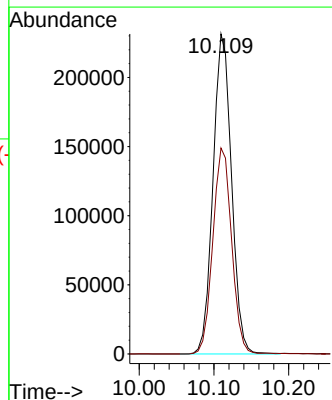
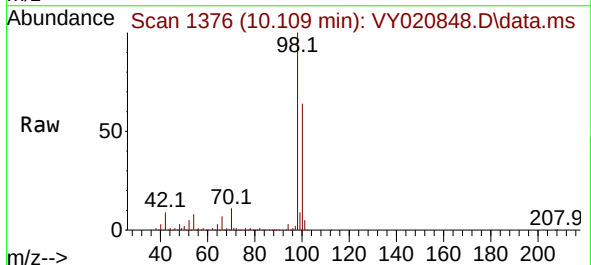


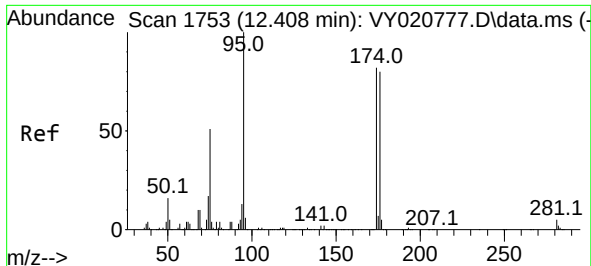
Tgt Ion:117 Resp: 18978
Ion Ratio Lower Upper
117 100
119 3.9 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 53.136 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion: 98 Resp: 397698
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

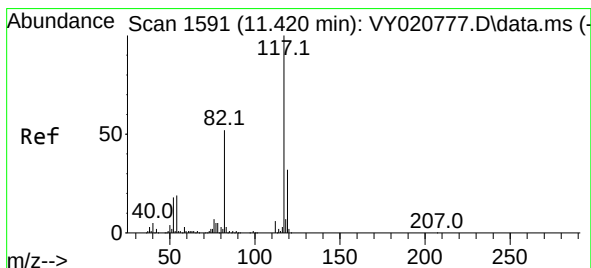
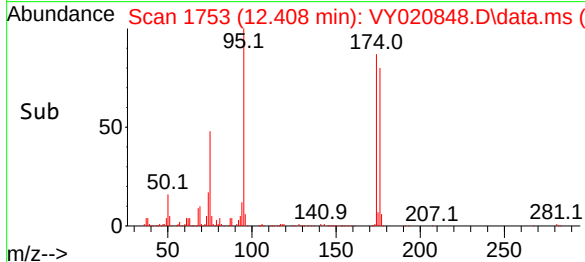
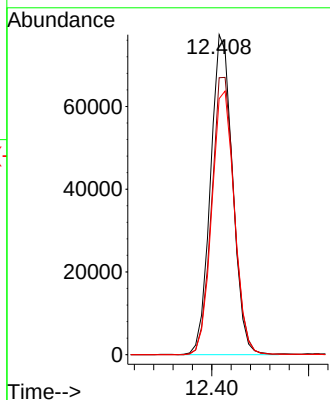
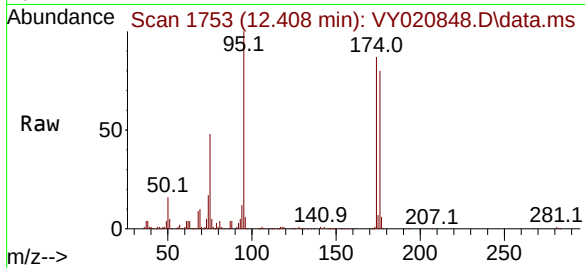




#62
4-Bromofluorobenzene
Concen: 44.307 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

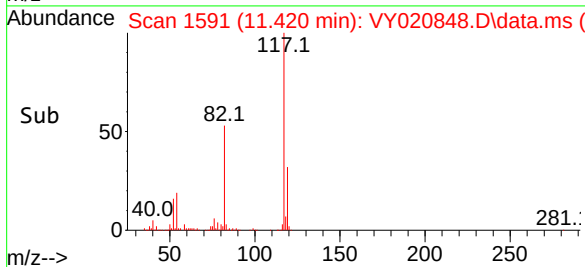
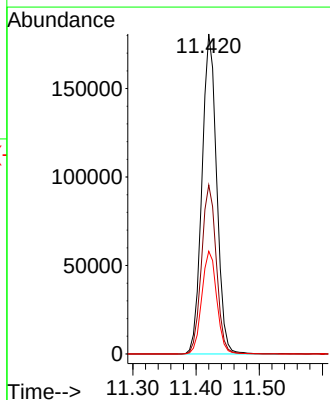
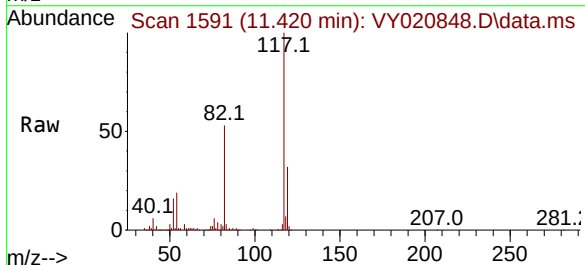
Instrument :
MSVOA_Y
ClientSampleId :

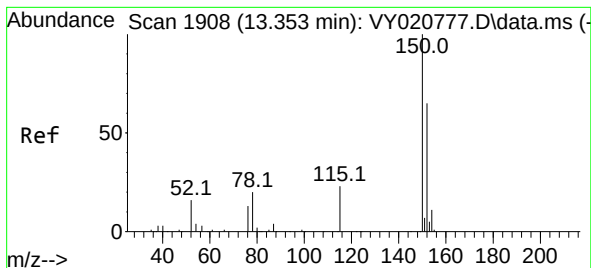
Tgt Ion: 95 Resp: 122460
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.0
176 84.5 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion: 117 Resp: 293504
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

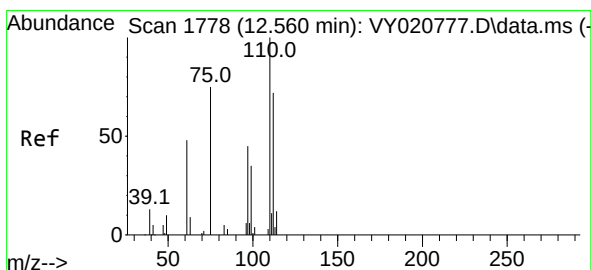
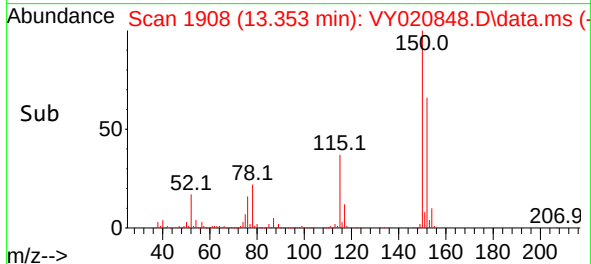
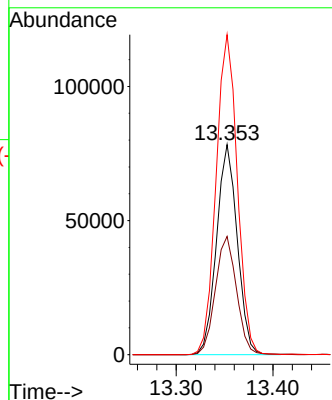
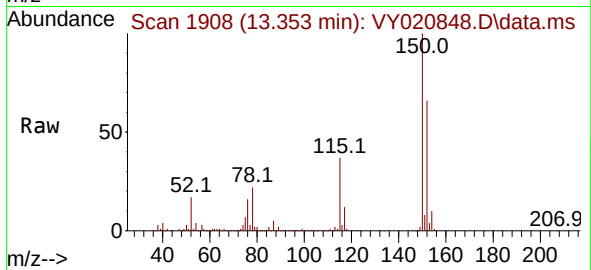
Tgt Ion:152 Resp: 116598

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 155.9 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 58.975 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020848.D

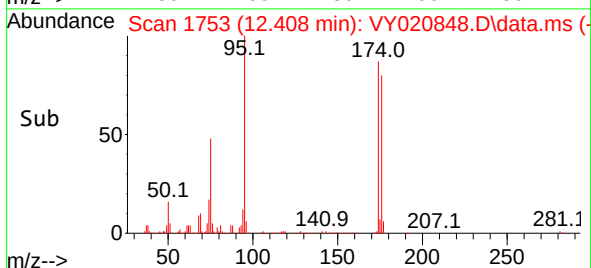
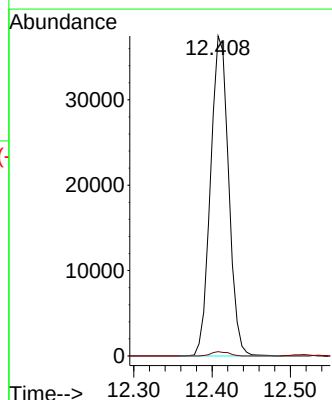
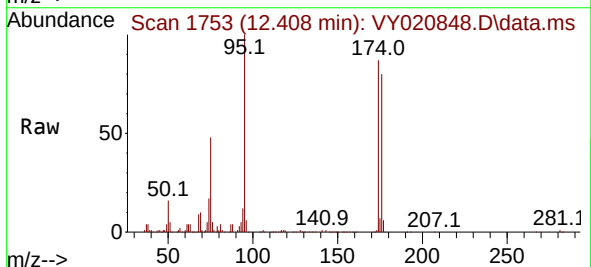
Acq: 17 Jan 2025 12:26

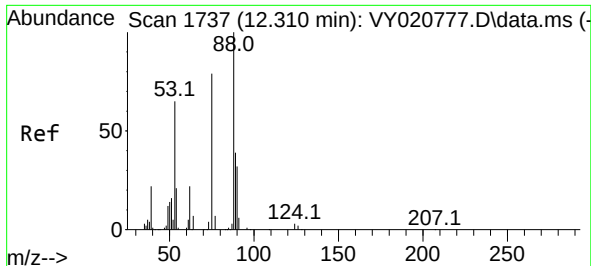
Tgt Ion: 75 Resp: 60167

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

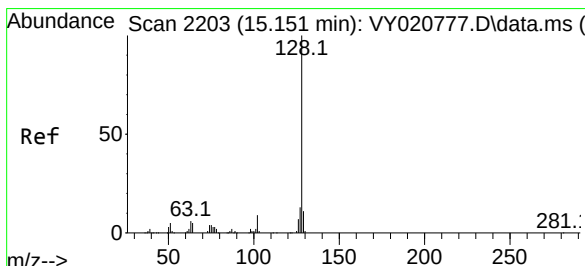
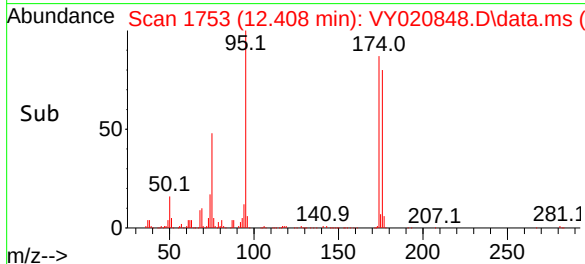
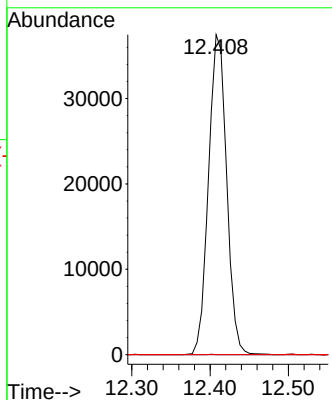
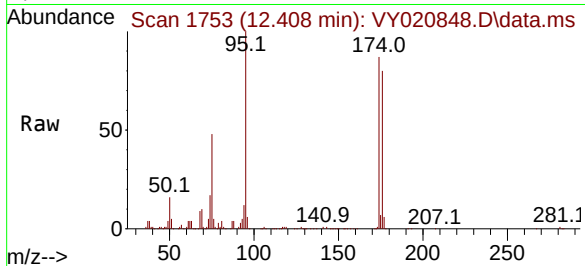




#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.351 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.098 min
 Lab File: VY020848.D
 Acq: 17 Jan 2025 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 60167
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#



#95
 Naphthalene
 Concen: 2.569 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.000 min
 Lab File: VY020848.D
 Acq: 17 Jan 2025 12:26

Tgt Ion: 128 Resp: 8817
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.5 15.7
 129 11.6 8.6 12.8

