

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021169.D
 Acq On : 11 Feb 2025 12:44
 Operator : SY/MD
 Sample : Q1343-15
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:02:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

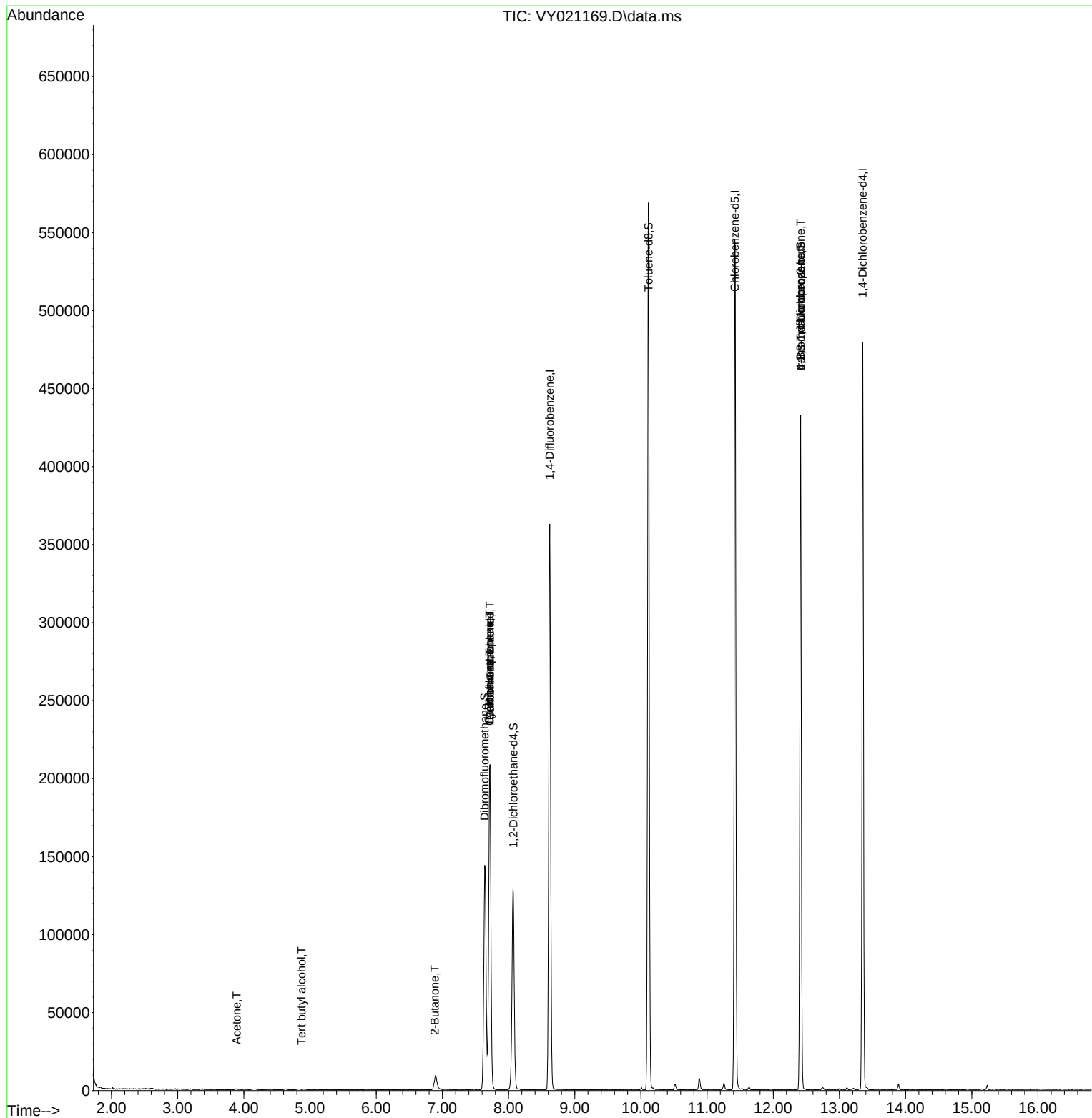
Internal Standards						
1) Pentafluorobenzene	7.719	168	158988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	298324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	283829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	115186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	104027	63.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.720%	
35) Dibromofluoromethane	7.640	113	99863	52.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.115	98	364464	50.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.413	95	123107	51.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	165	1.495	ug/l #	75
16) Acetone	3.890	43	803	3.161	ug/l	95
25) 2-Butanone	6.884	43	751	1.799	ug/l #	48
31) Cyclohexane	7.713	56	3559	1.281	ug/l #	4
36) 1,1-Dichloropropene	7.713	75	12563	4.436	ug/l #	51
38) Carbon Tetrachloride	7.719	117	15946	4.819	ug/l #	15
76) 1,2,3-Trichloropropane	12.413	75	68622	65.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	68622	134.008	ug/l #	12

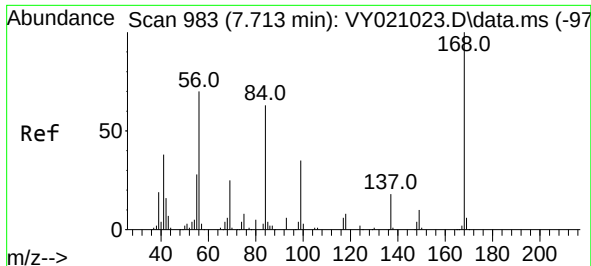
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
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Response via : Initial Calibration

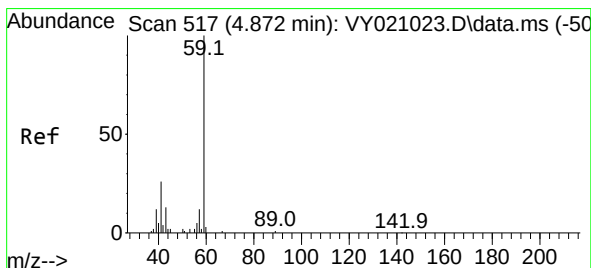
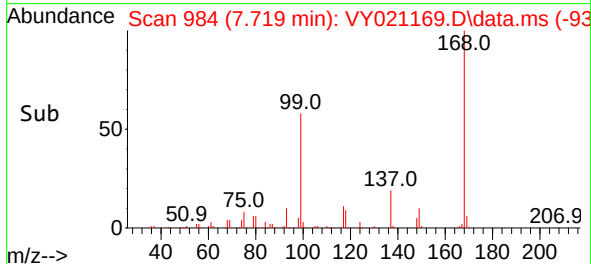
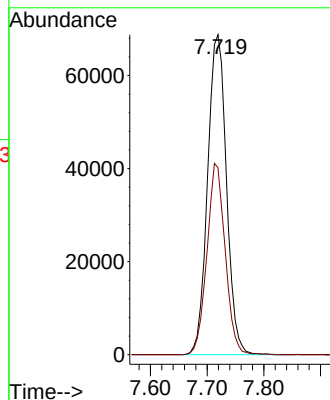
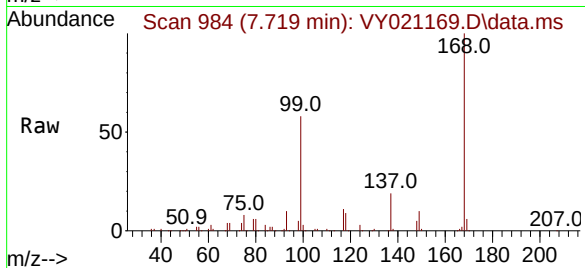




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

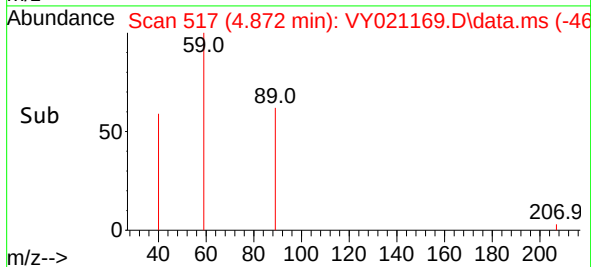
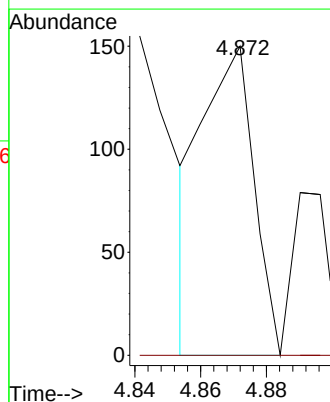
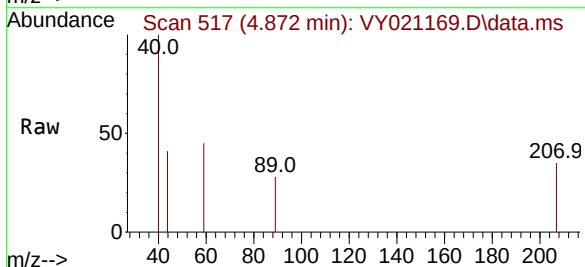
Instrument :
MSVOA_Y
ClientSampleId :

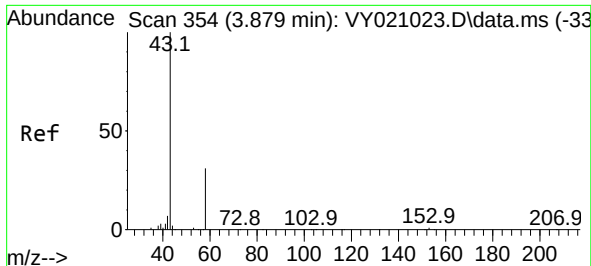
Tgt Ion:168 Resp: 158988
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.495 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

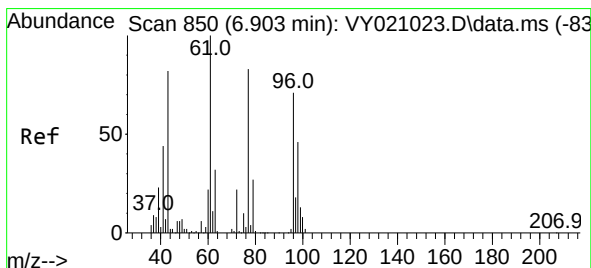
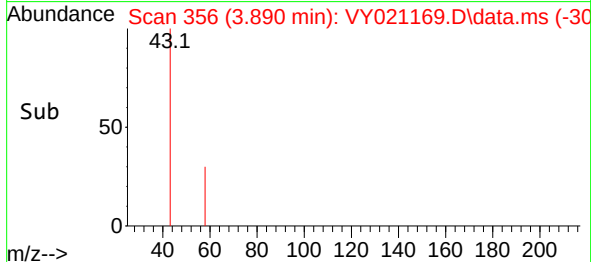
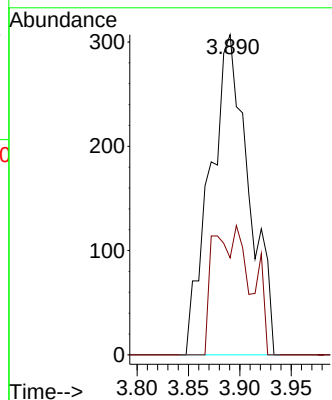
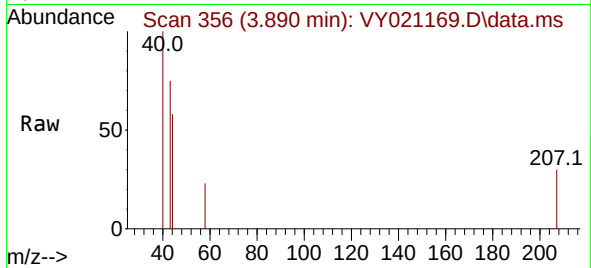




#16
Acetone
Concen: 3.161 ug/l
RT: 3.890 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

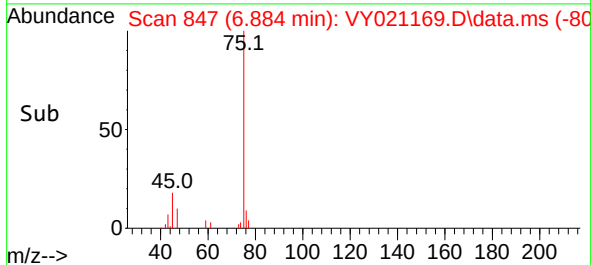
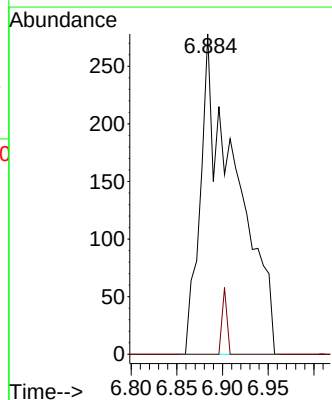
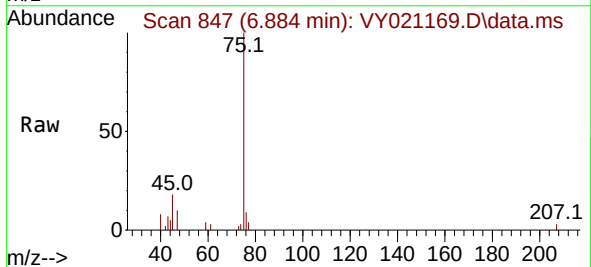
Instrument :
MSVOA_Y
ClientSampleId :

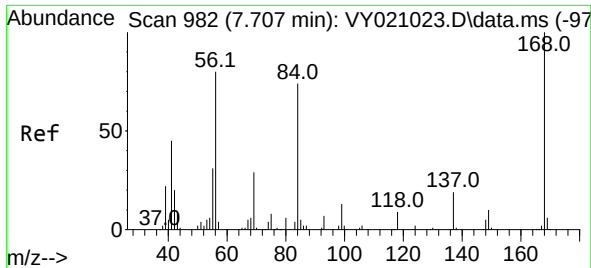
Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 30.3 26.6 39.8



#25
2-Butanone
Concen: 1.799 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.019 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

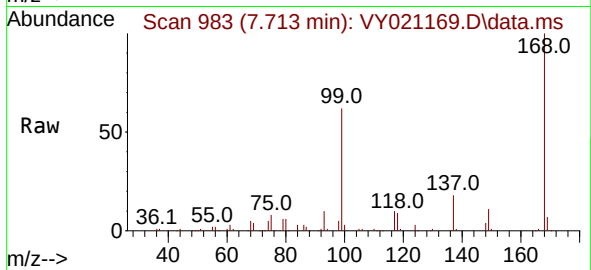
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



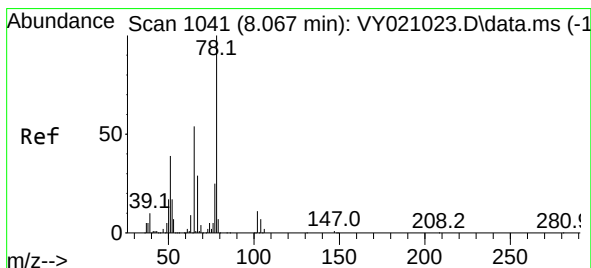
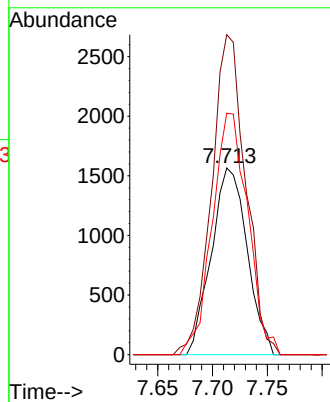
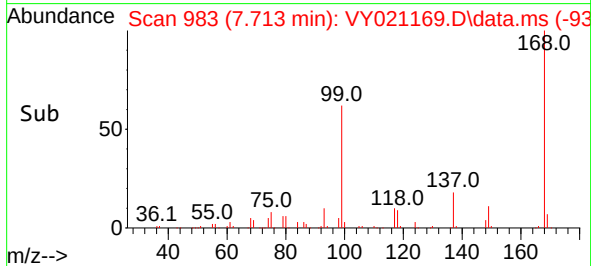


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

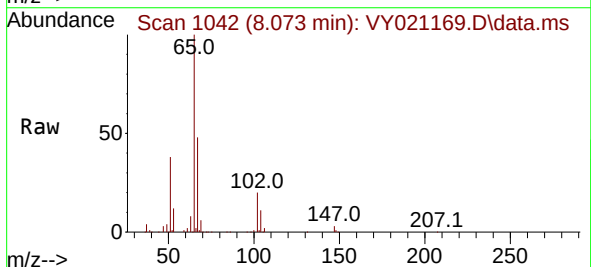
Instrument :
MSVOA_Y
ClientSampleId :



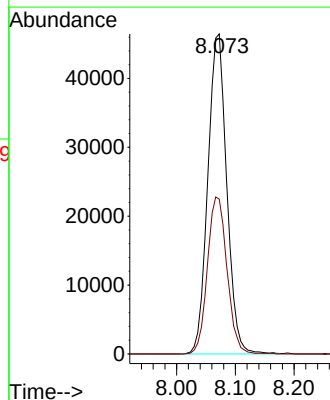
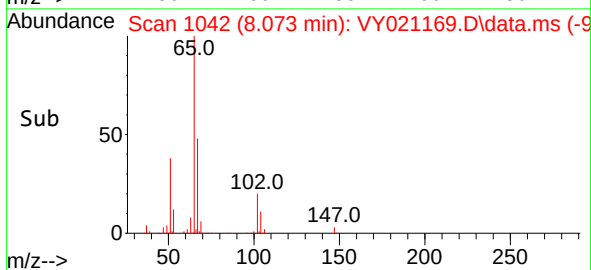
Tgt Ion: 56 Resp: 3559
Ion Ratio Lower Upper
56 100
69 171.4 27.0 40.6#
84 129.3 71.8 107.6#

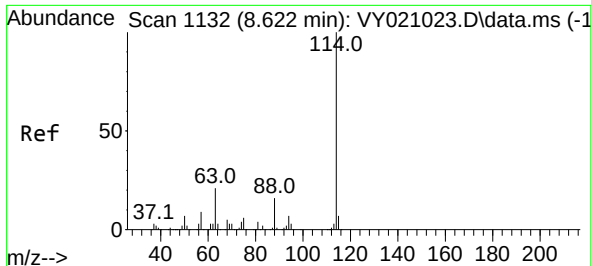


#33
1,2-Dichloroethane-d4
Concen: 63.861 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44



Tgt Ion: 65 Resp: 104027
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.0

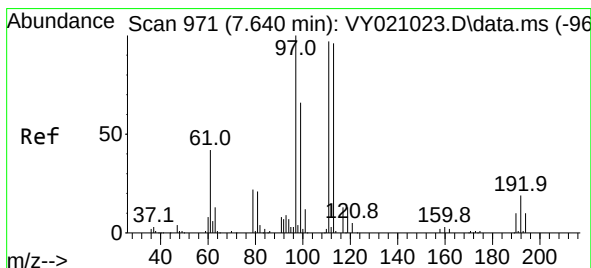
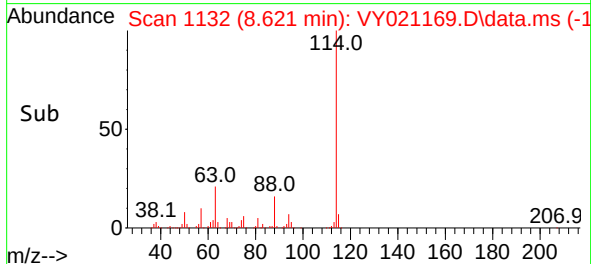
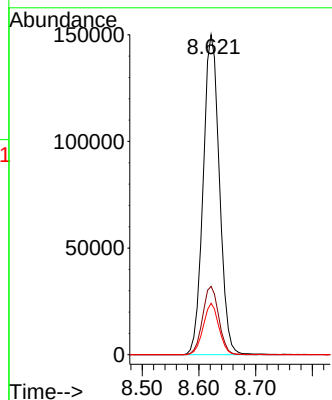
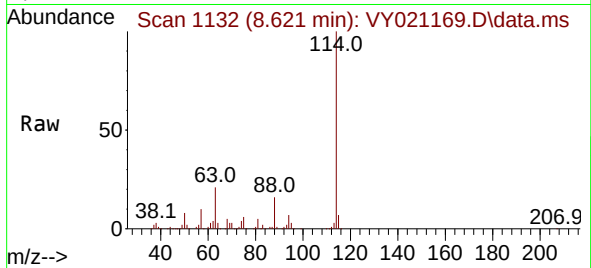




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.621 min Scan# 1132
 Delta R.T. -0.001 min
 Lab File: VY021169.D
 Acq: 11 Feb 2025 12:44

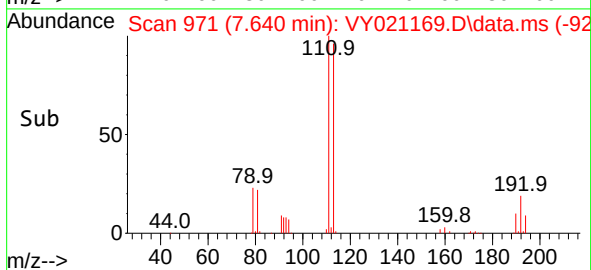
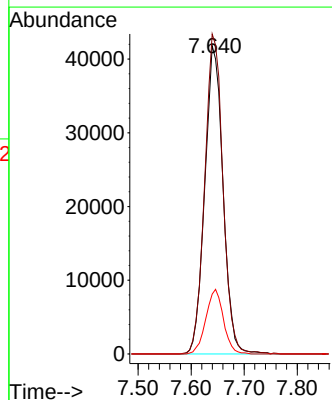
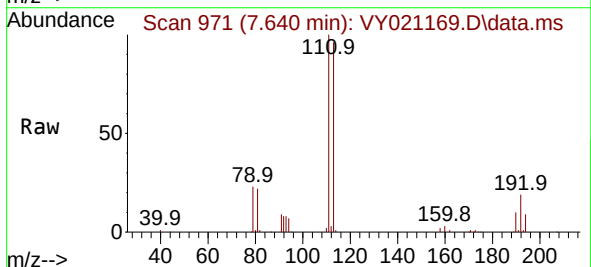
Instrument :
 MSVOA_Y
 ClientSampleId :

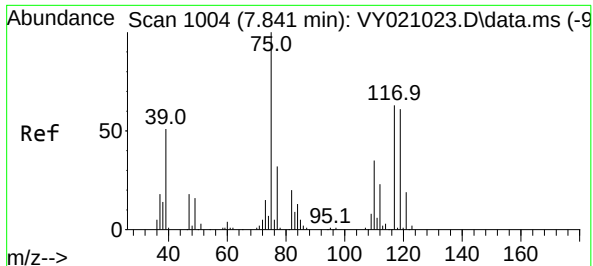
Tgt Ion:114 Resp: 298324
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 16.1 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 52.233 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.001 min
 Lab File: VY021169.D
 Acq: 11 Feb 2025 12:44

Tgt Ion:113 Resp: 99863
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 20.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.436 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.129 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

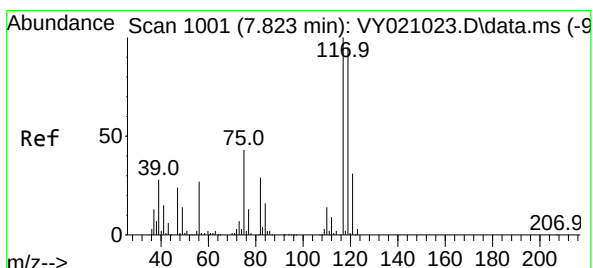
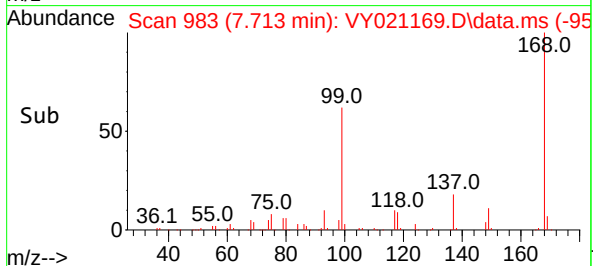
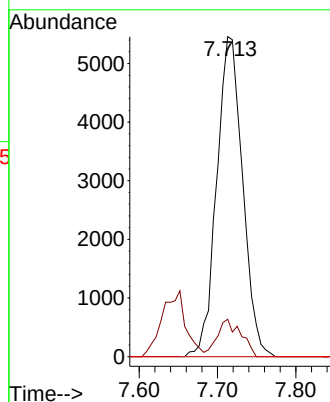
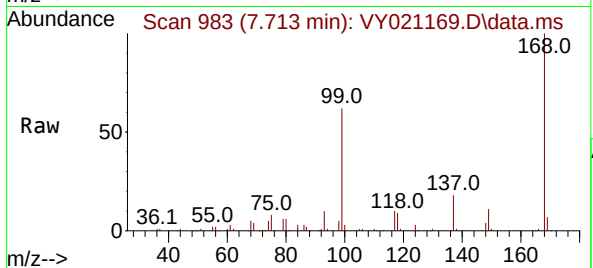
Tgt Ion: 75 Resp: 12563

Ion Ratio Lower Upper

75 100

110 10.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.819 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

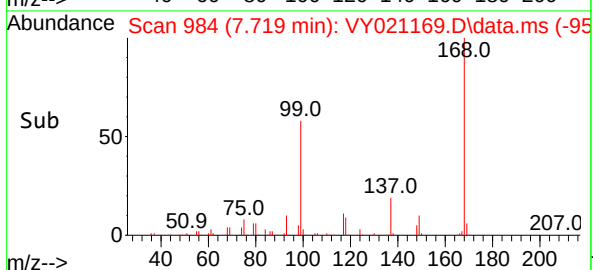
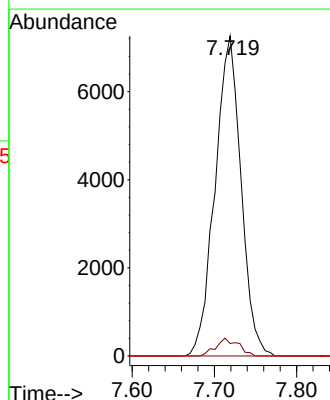
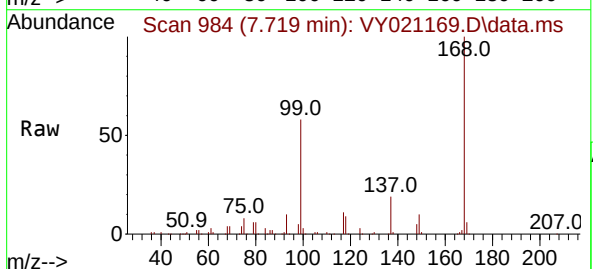
Tgt Ion: 117 Resp: 15946

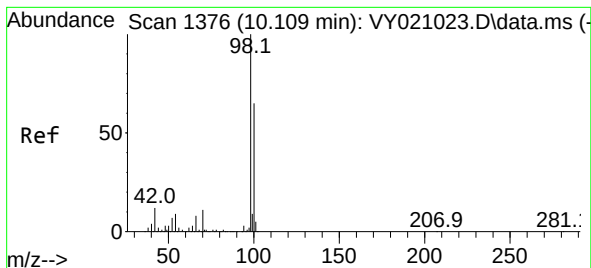
Ion Ratio Lower Upper

117 100

119 3.9 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.074 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Instrument :

MSVOA_Y

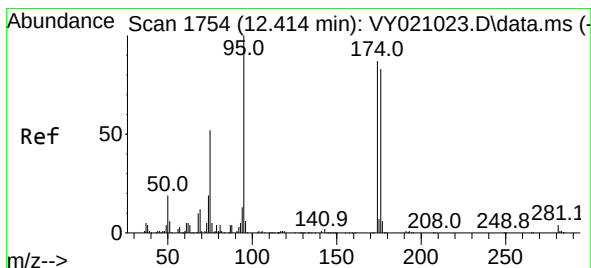
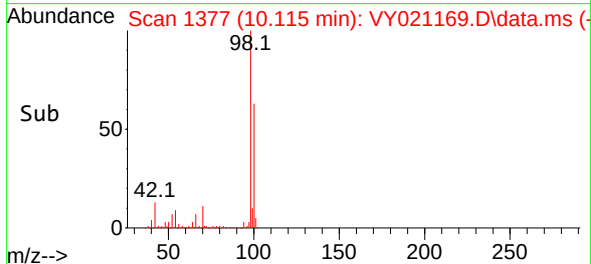
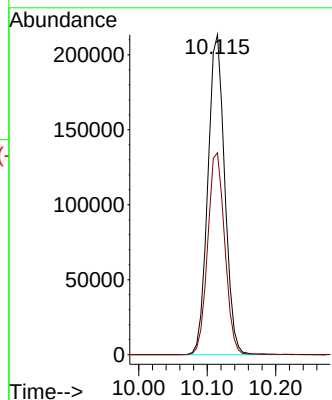
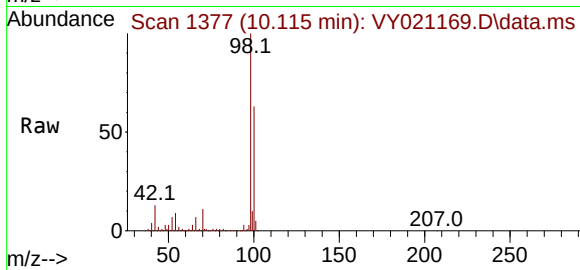
ClientSampleId :

Tgt Ion: 98 Resp: 364464

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 51.772 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

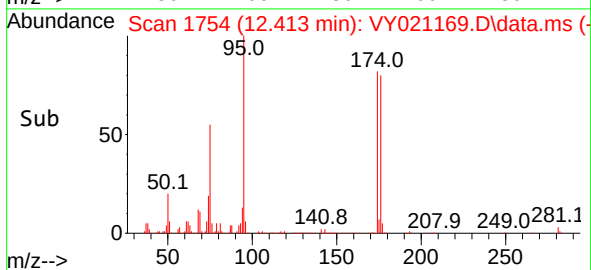
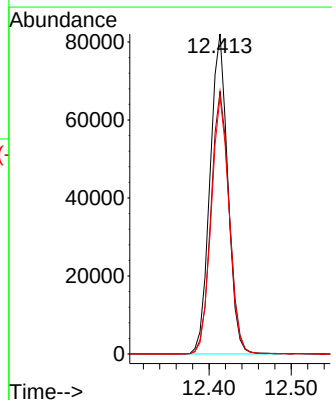
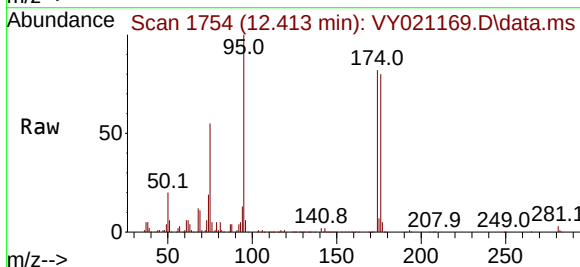
Tgt Ion: 95 Resp: 123107

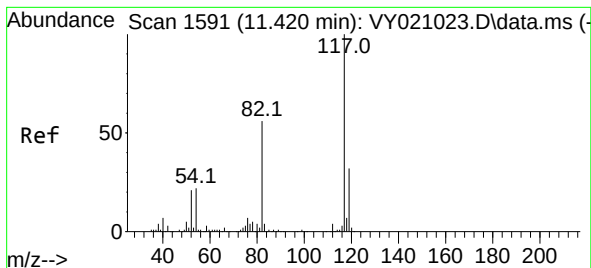
Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

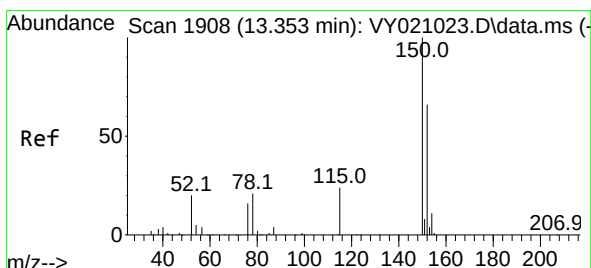
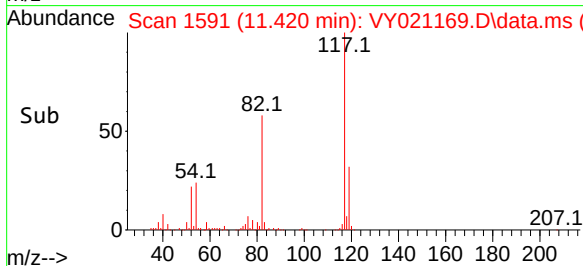
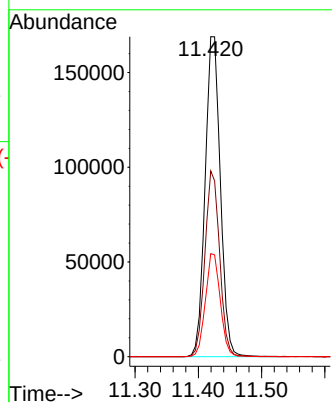
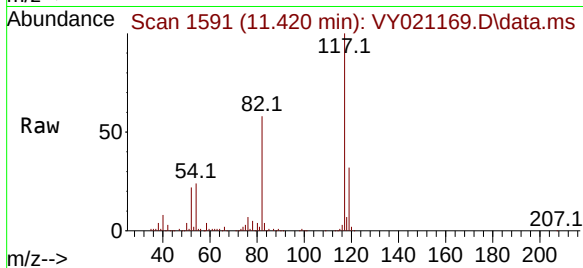
Tgt Ion:117 Resp: 283829

Ion Ratio Lower Upper

117 100

82 58.0 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

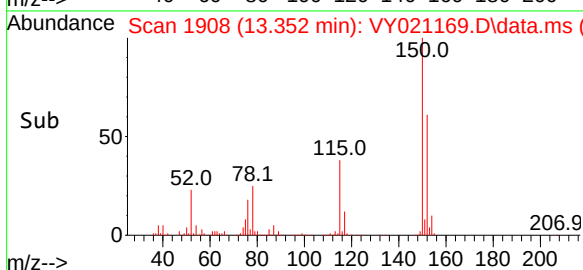
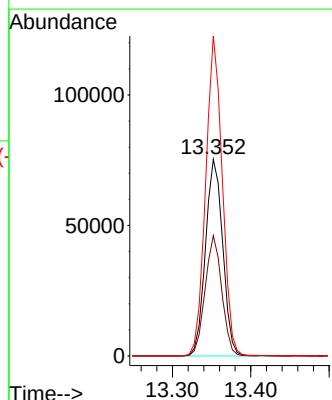
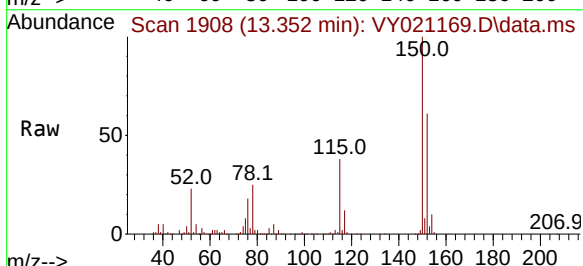
Tgt Ion:152 Resp: 115186

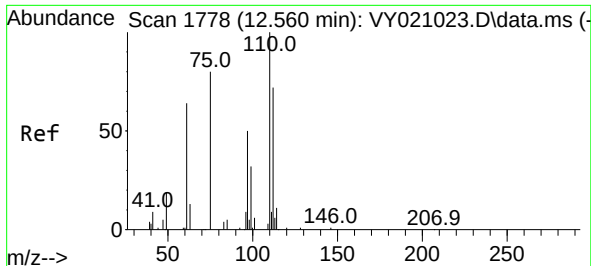
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.6 0.0 344.6

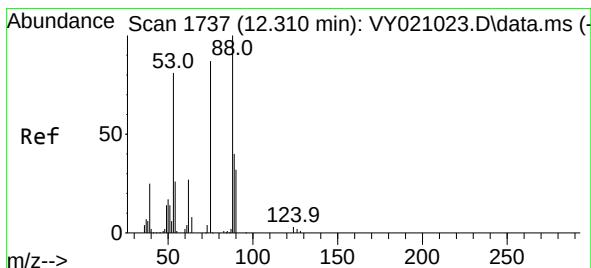
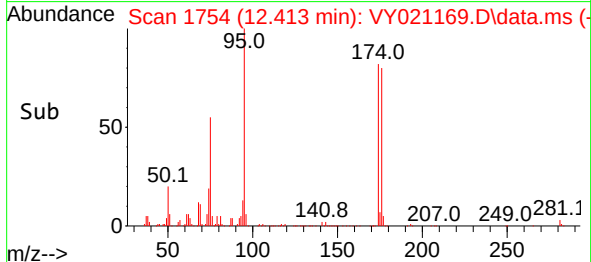
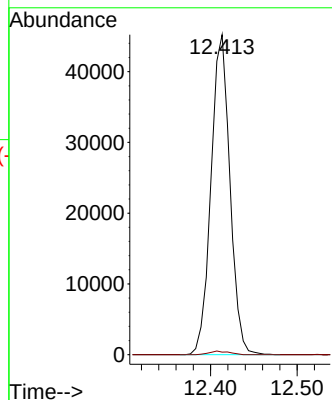
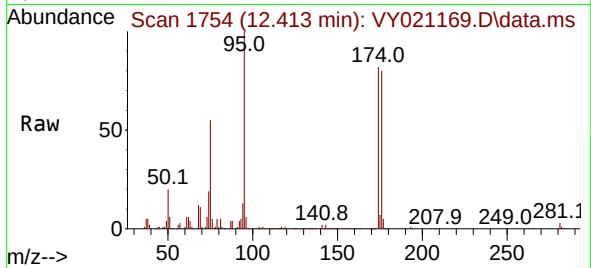




#76
 1,2,3-Trichloropropane
 Concen: 65.675 ug/l
 RT: 12.413 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY021169.D
 Acq: 11 Feb 2025 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 68622
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.008 ug/l
 RT: 12.413 min Scan# 1754
 Delta R.T. 0.103 min
 Lab File: VY021169.D
 Acq: 11 Feb 2025 12:44

Tgt Ion: 75 Resp: 68622
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

