

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021214.D
 Acq On : 17 Feb 2025 10:39
 Operator : SY/MD
 Sample : VY0217SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:44:48 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)

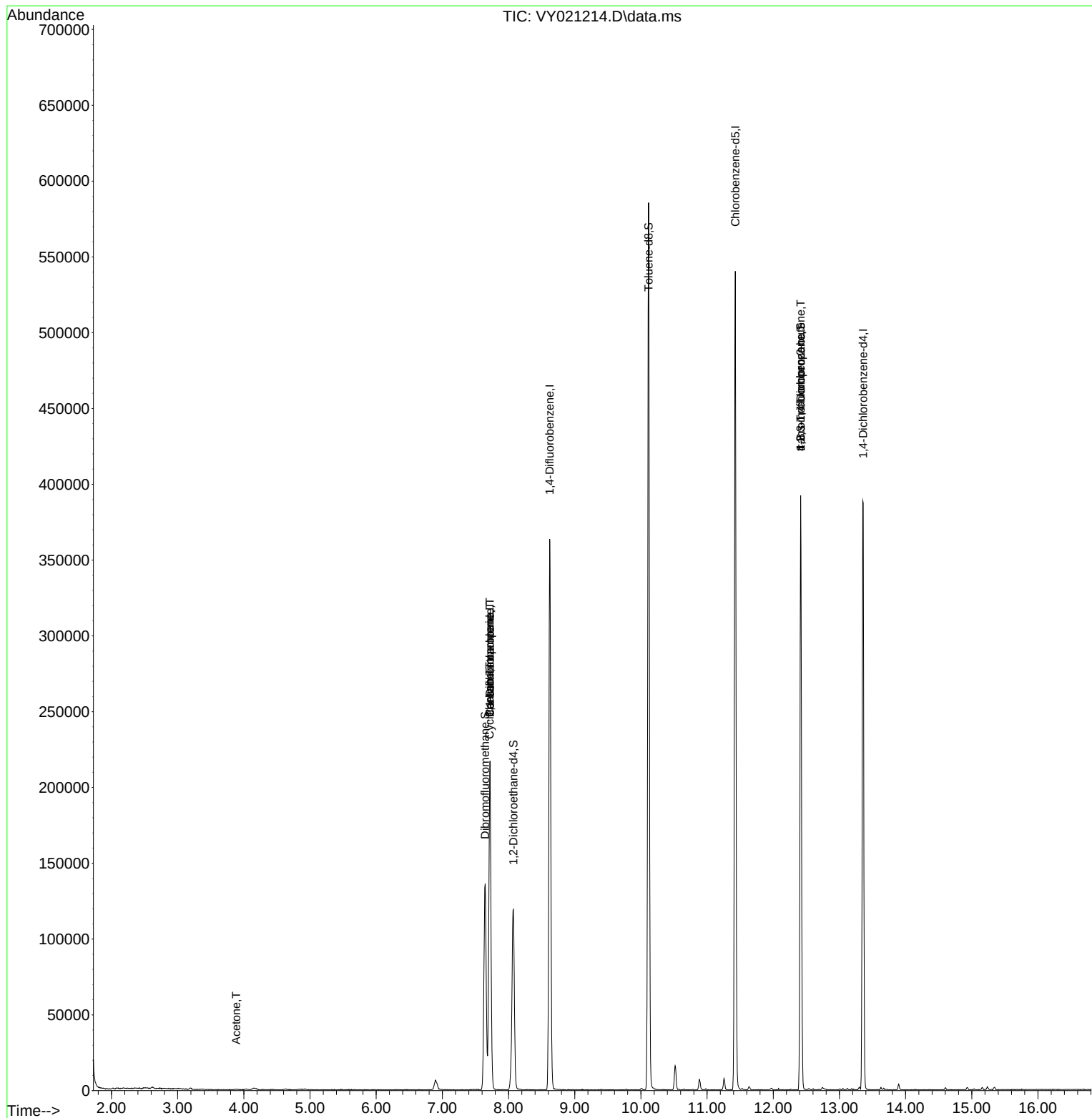
Internal Standards						
1) Pentafluorobenzene	7.720	168	161682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	301541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	270874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	99195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92349	55.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.646	113	96878	50.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.115	98	364997	49.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.414	95	112223	46.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.380%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	791	3.062	ug/l #	77
31) Cyclohexane	7.713	56	3579	1.267	ug/l #	5
36) 1,1-Dichloropropene	7.720	75	12925	4.516	ug/l #	50
38) Carbon Tetrachloride	7.720	117	16813	5.027	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	62131	69.048	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	62131	140.891	ug/l #	12

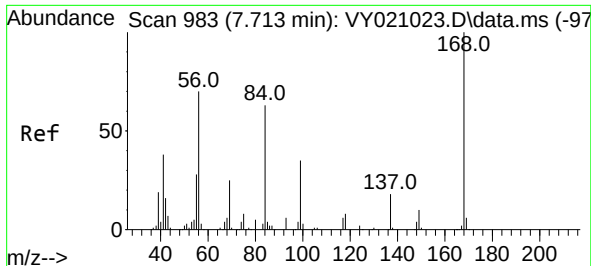
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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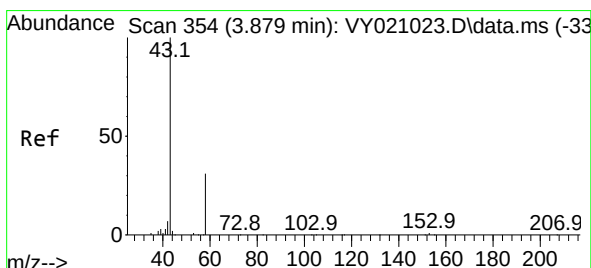
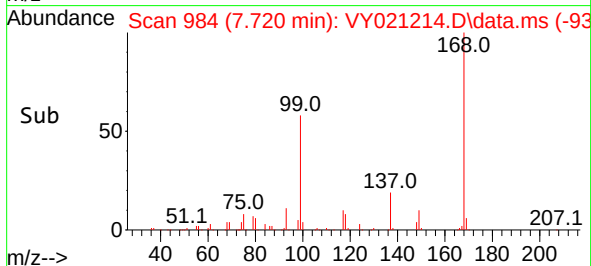
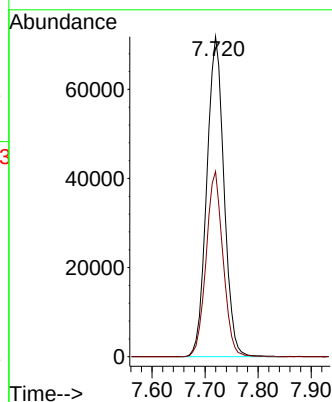
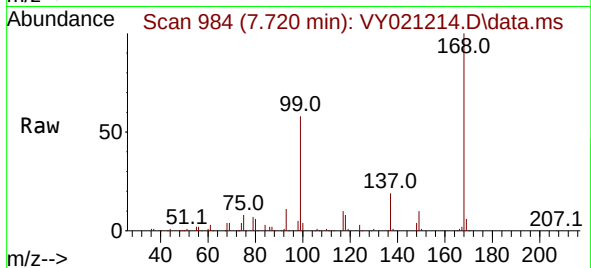




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

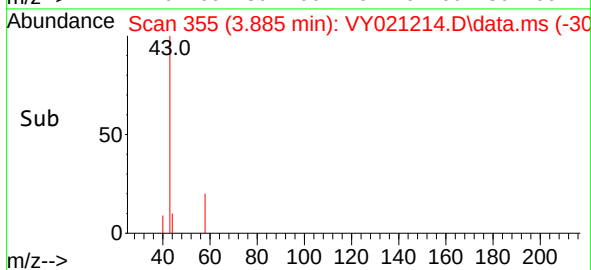
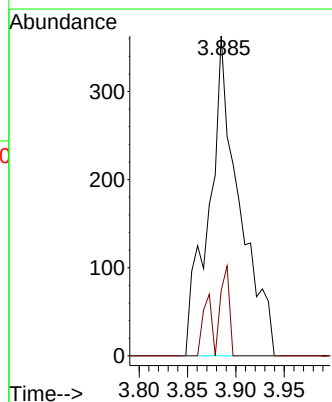
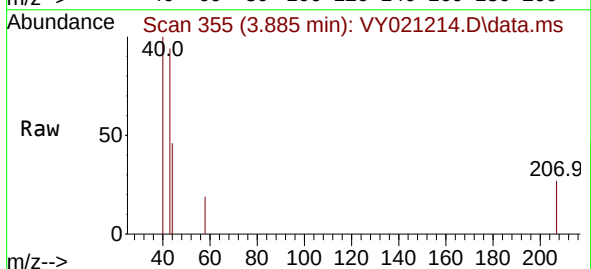
Instrument :
MSVOA_Y
ClientSampleId :

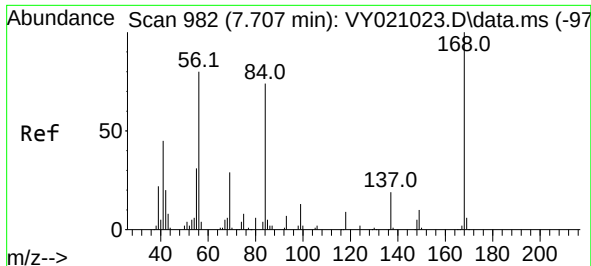
Tgt Ion:168 Resp: 161682
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 3.062 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

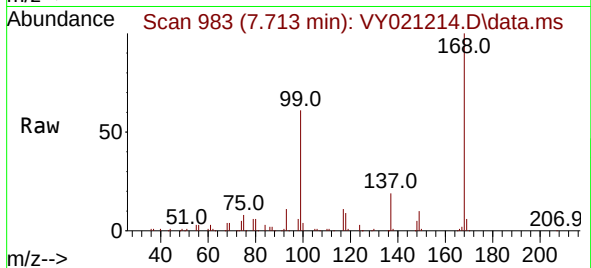
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 20.4 26.6 39.8#



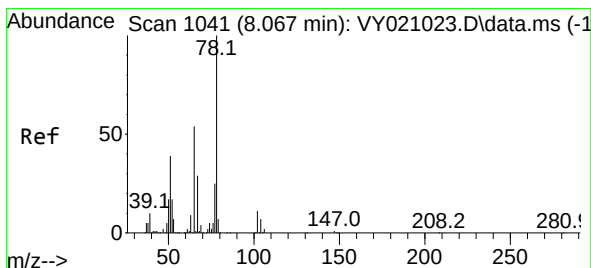
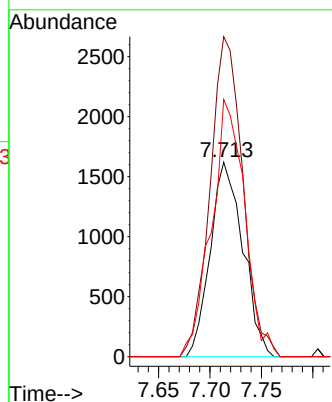
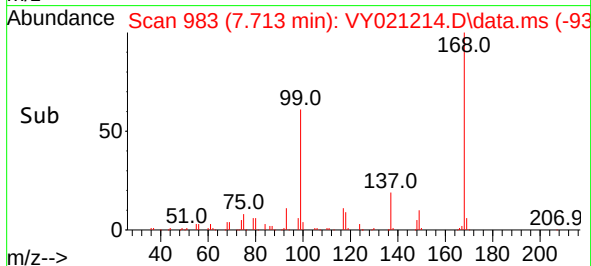


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

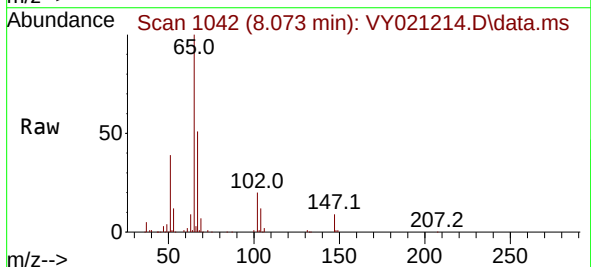
Instrument :
MSVOA_Y
ClientSampleId :



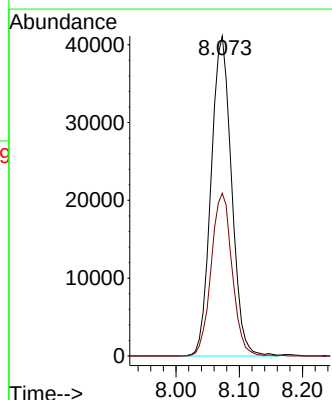
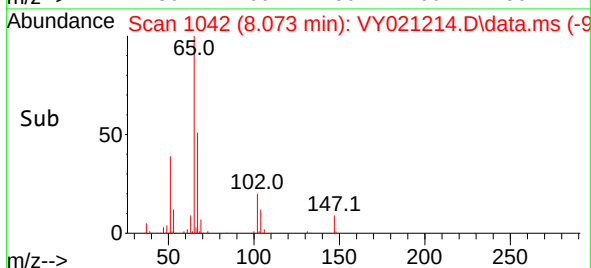
Tgt Ion: 56 Resp: 3579
Ion Ratio Lower Upper
56 100
69 164.6 27.0 40.6#
84 132.2 71.8 107.6#

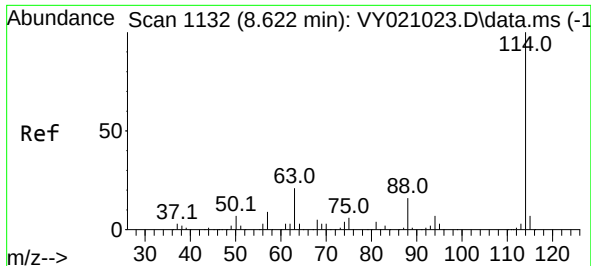


#33
1,2-Dichloroethane-d4
Concen: 55.747 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39



Tgt Ion: 65 Resp: 92349
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

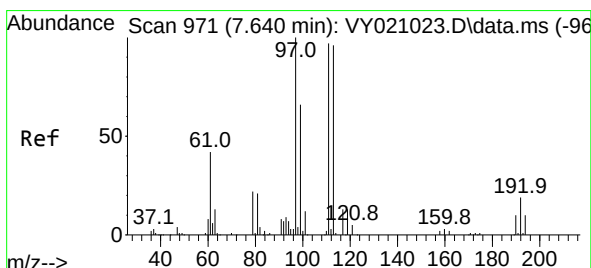
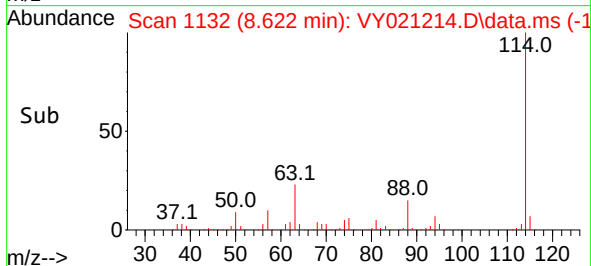
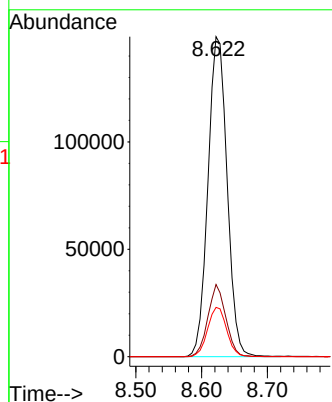
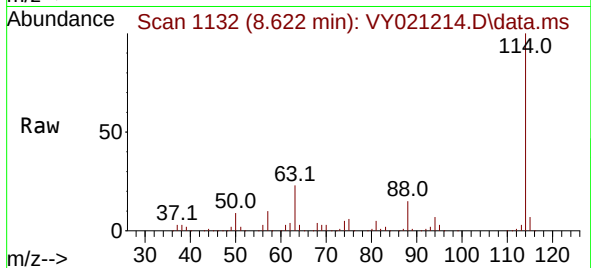
Tgt Ion:114 Resp: 301541

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

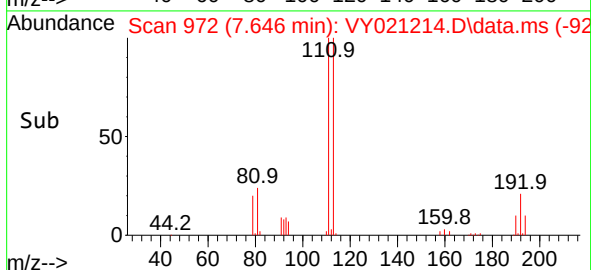
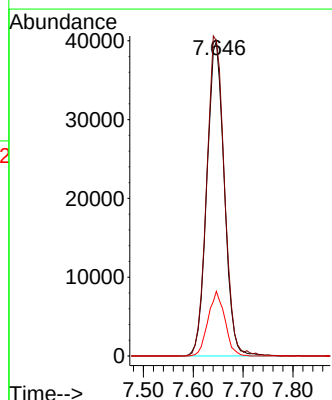
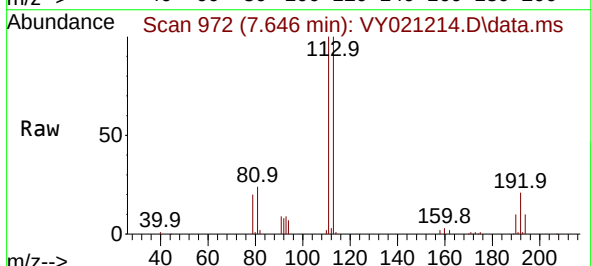
Tgt Ion:113 Resp: 96878

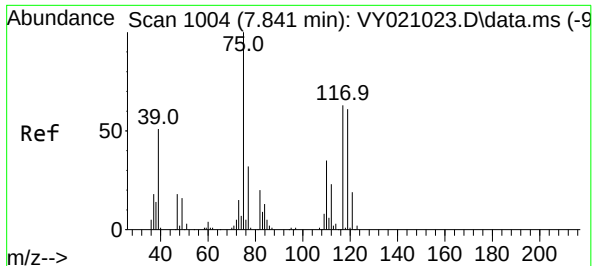
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.516 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

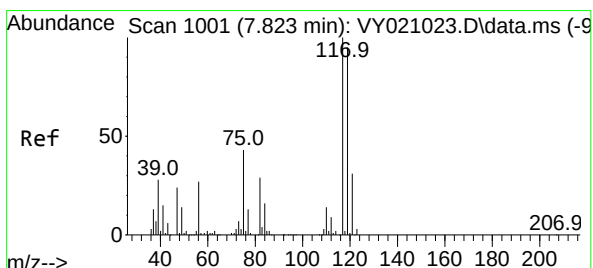
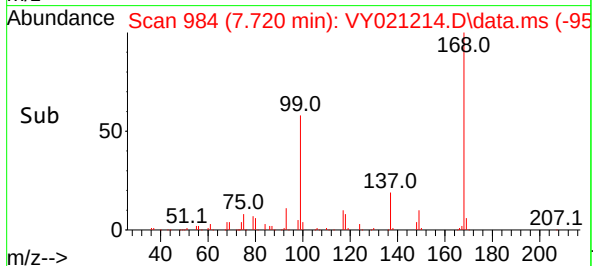
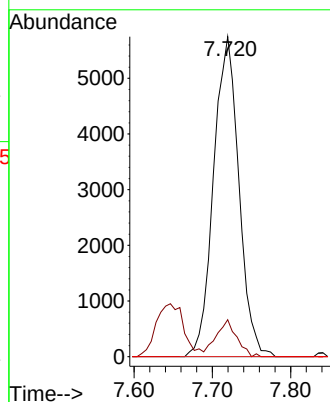
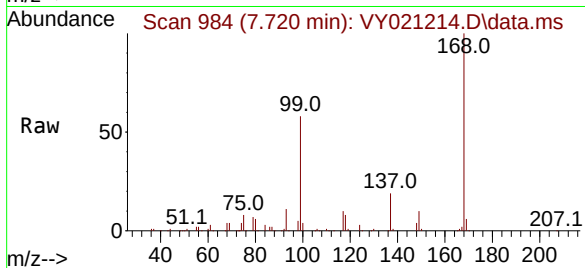
Tgt Ion: 75 Resp: 12925

Ion Ratio Lower Upper

75 100

110 9.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.027 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

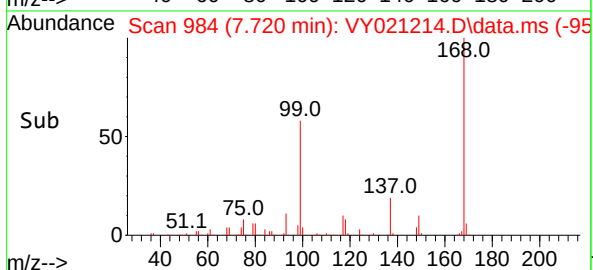
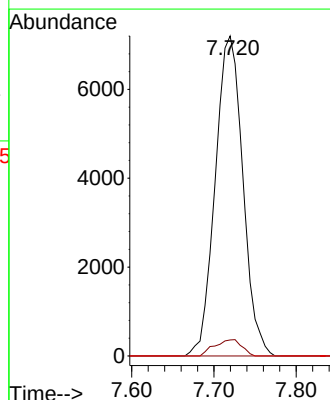
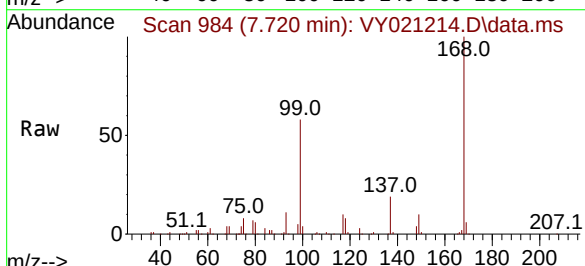
Tgt Ion: 117 Resp: 16813

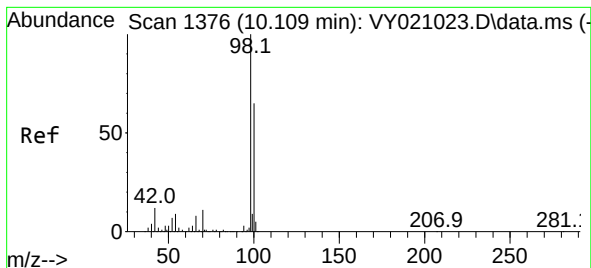
Ion Ratio Lower Upper

117 100

119 5.0 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.612 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

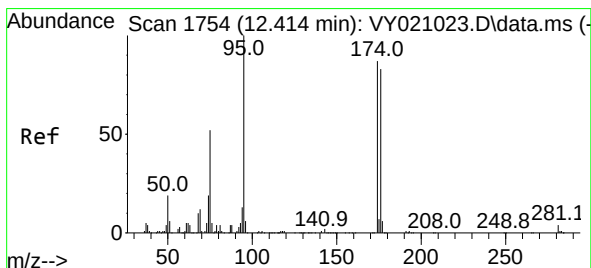
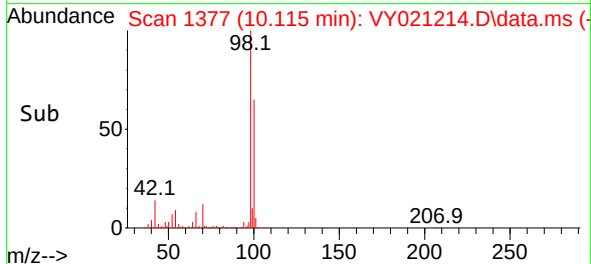
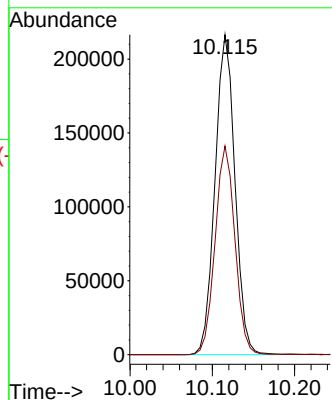
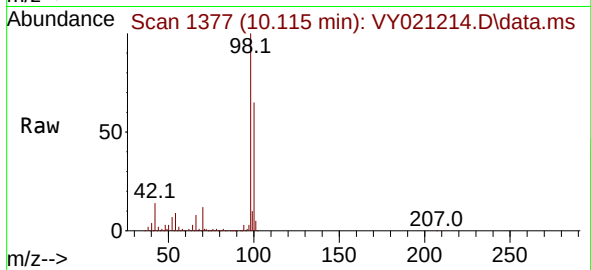
ClientSampleId :

Tgt Ion: 98 Resp: 364997

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.691 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

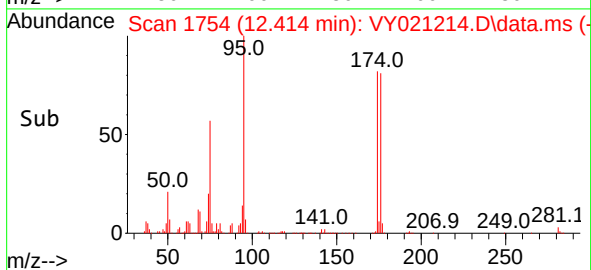
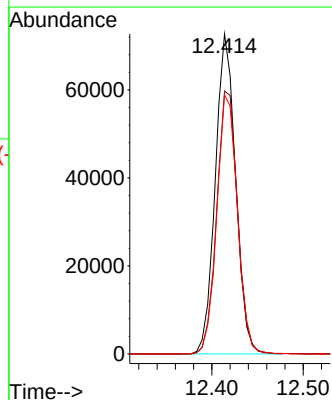
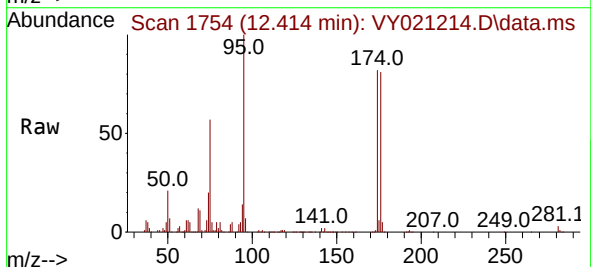
Tgt Ion: 95 Resp: 112223

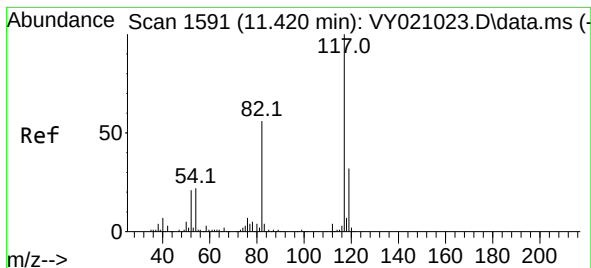
Ion Ratio Lower Upper

95 100

174 84.6 0.0 160.0

176 82.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

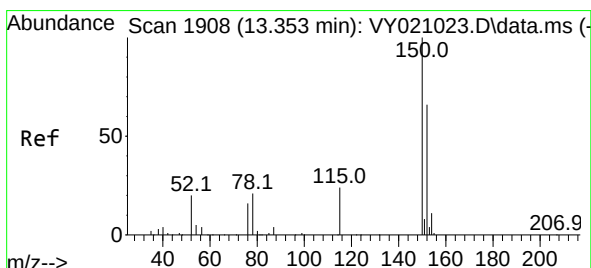
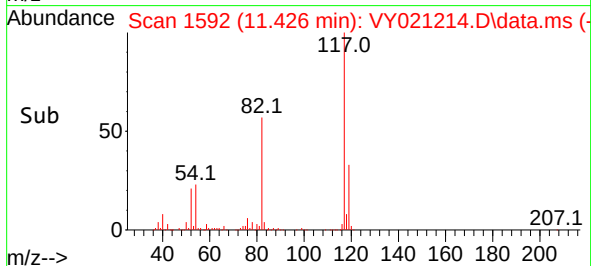
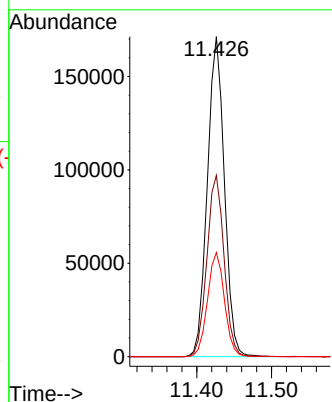
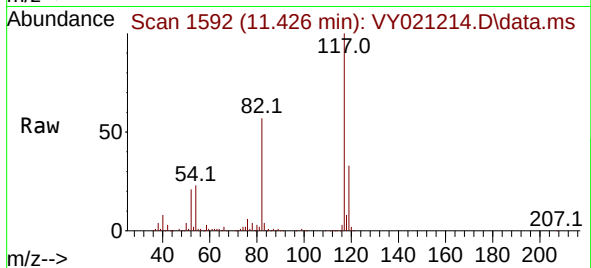
Tgt Ion:117 Resp: 270874

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

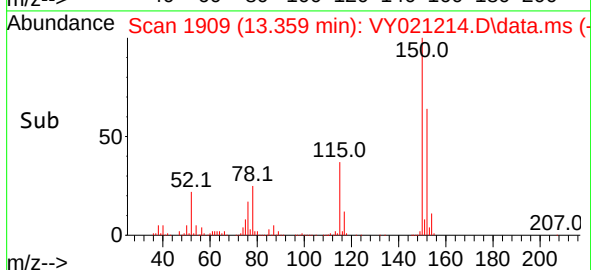
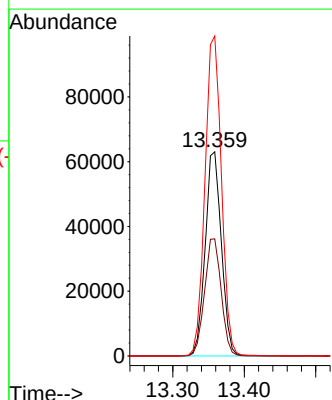
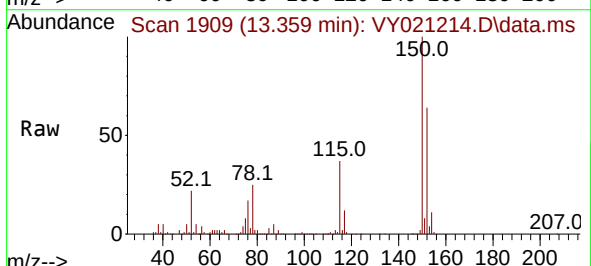
Tgt Ion:152 Resp: 99195

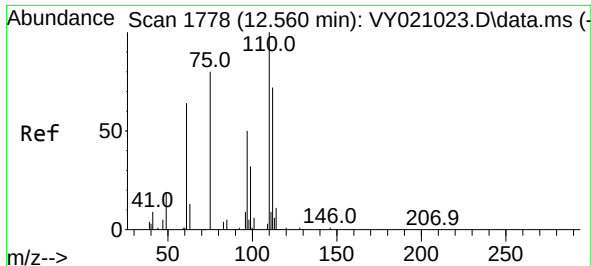
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 159.1 0.0 344.6

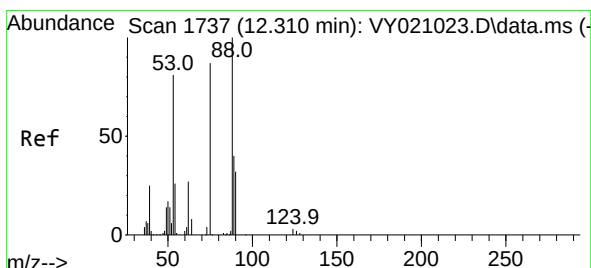
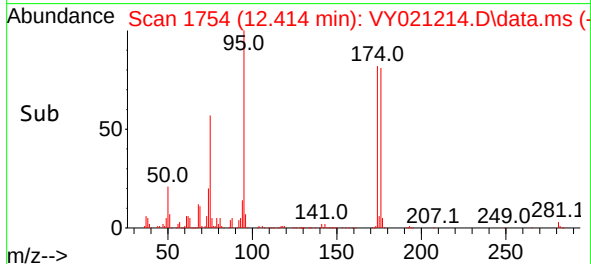
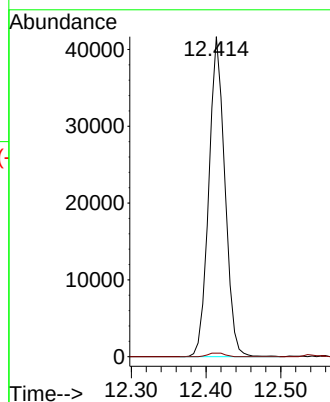
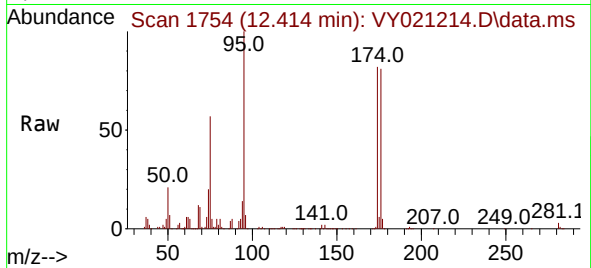




#76
1,2,3-Trichloropropane
Concen: 69.048 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62131
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.891 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

Tgt Ion: 75 Resp: 62131
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

