

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021172.D
 Acq On : 11 Feb 2025 16:02
 Operator : SY/MD
 Sample : Q1346-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOILB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:03:38 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)

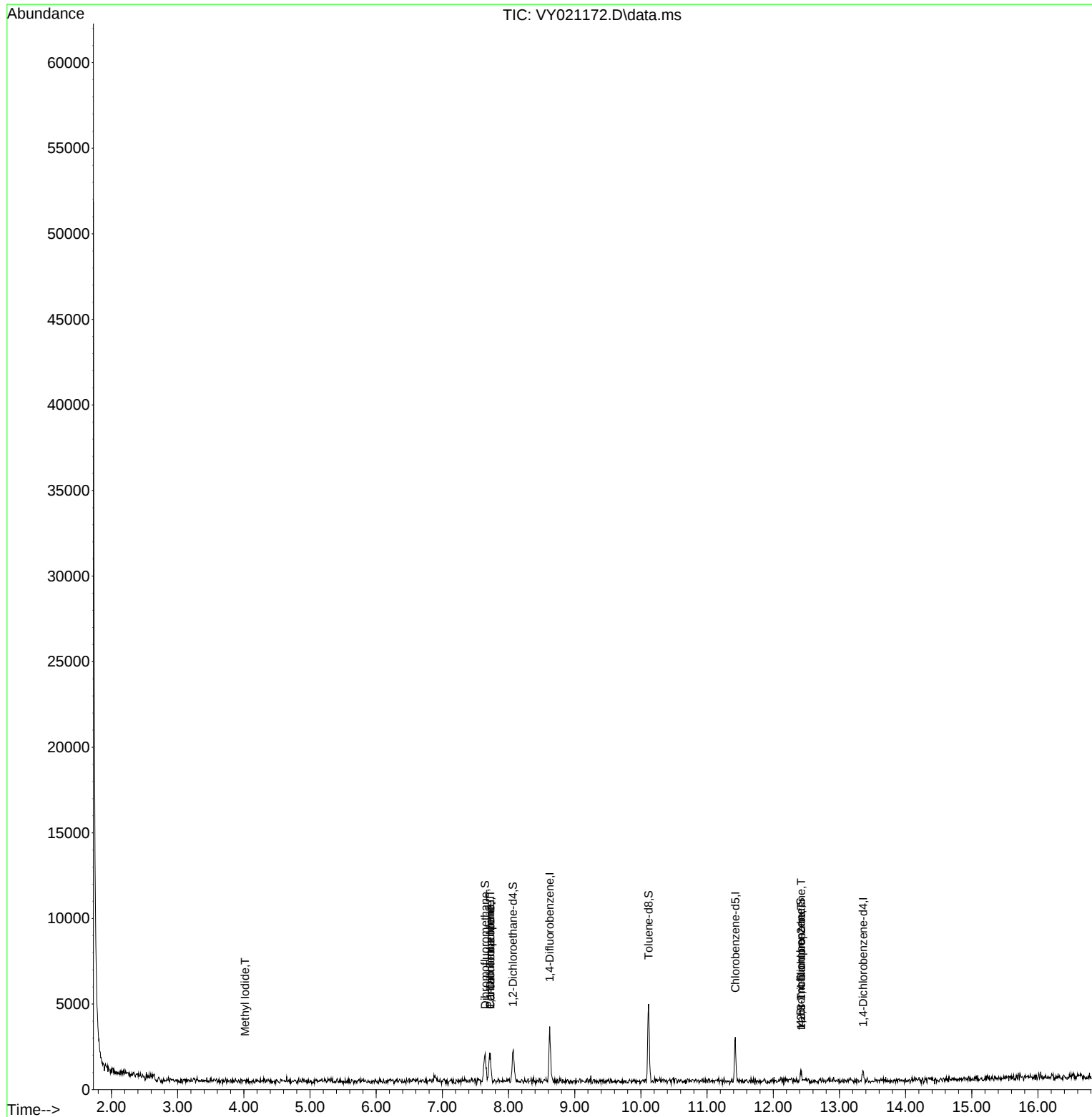
Internal Standards						
1) Pentafluorobenzene	7.726	168	1613	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	3199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1638	99.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.220%#
35) Dibromofluoromethane	7.646	113	1253	61.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.240%
50) Toluene-d8	10.115	98	3276	41.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.414	95	225	8.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.640%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.019	142	27	1.489	ug/l #	40
36) 1,1-Dichloropropene	7.726	75	79	2.602	ug/l #	42
38) Carbon Tetrachloride	7.726	117	84	2.367	ug/l #	12
76) 1,2,3-Trichloropropane	12.420	75	174	84.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	174	173.184	ug/l #	12

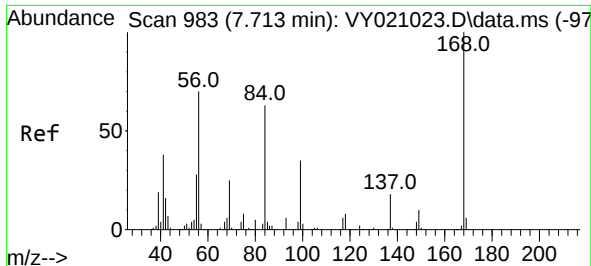
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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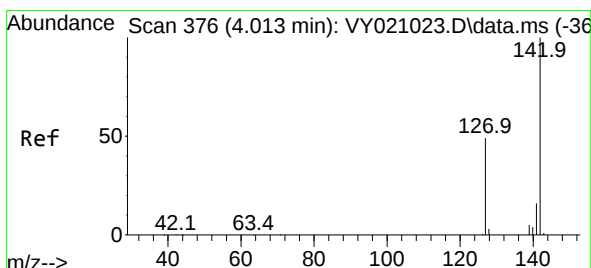
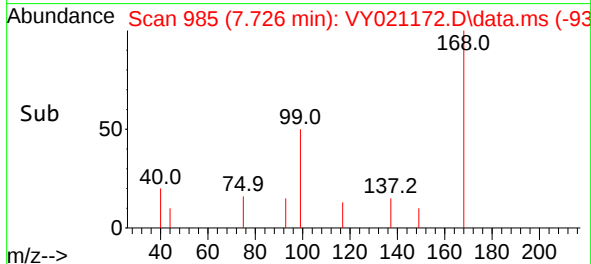
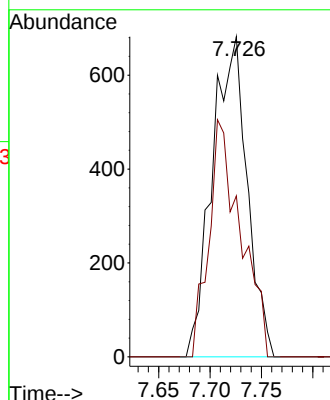
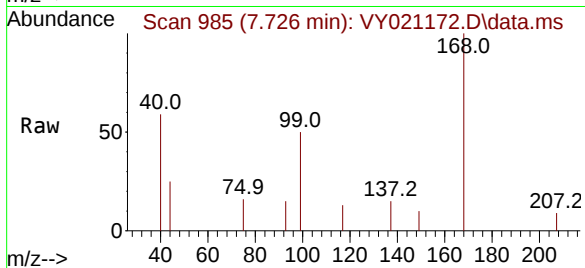




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

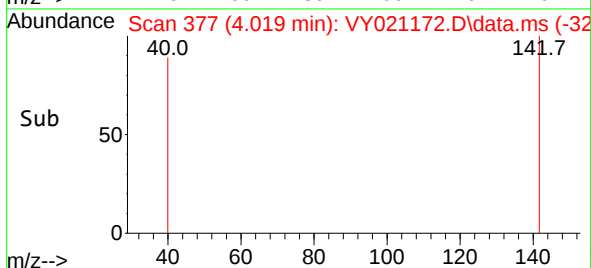
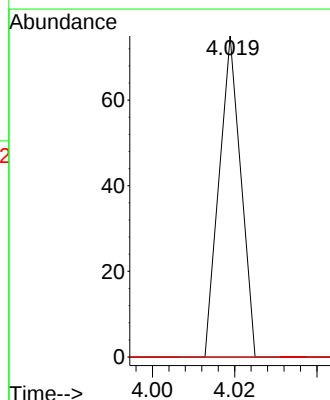
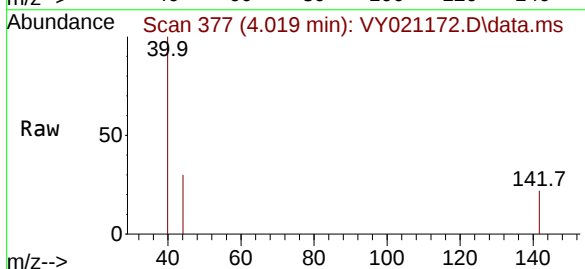
Instrument :
MSVOA_Y
ClientSampleId :

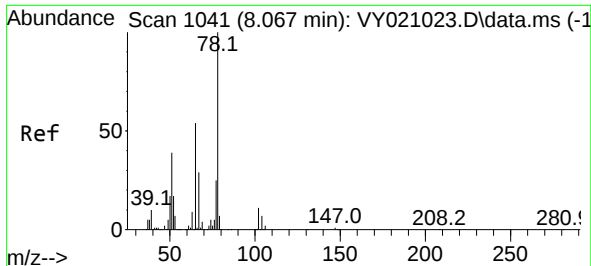
Tgt Ion:168 Resp: 1613
Ion Ratio Lower Upper
168 100
99 50.3 44.2 66.4



#10
Methyl Iodide
Concen: 1.489 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Tgt Ion:142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#





#33

1,2-Dichloroethane-d4

Concen: 99.114 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_Y

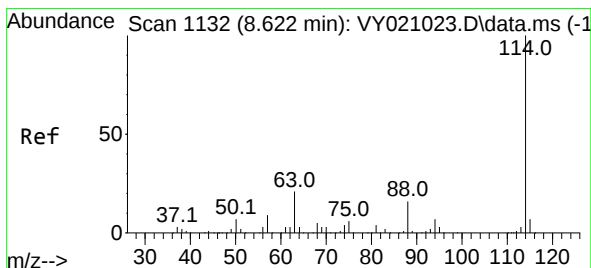
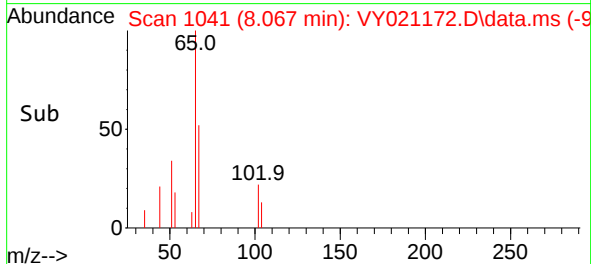
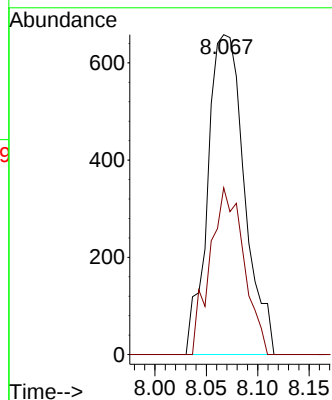
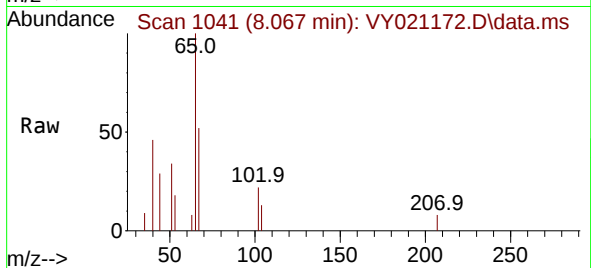
ClientSampleId :

Tgt Ion: 65 Resp: 1638

Ion Ratio Lower Upper

65 100

67 48.1 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: VY021172.D

Acq: 11 Feb 2025 16:02

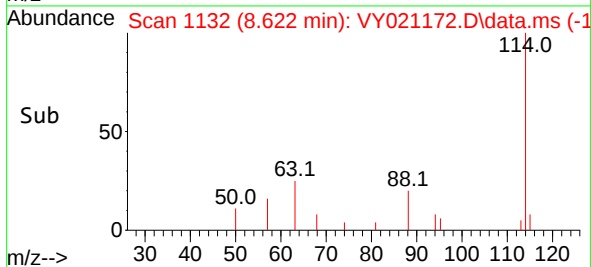
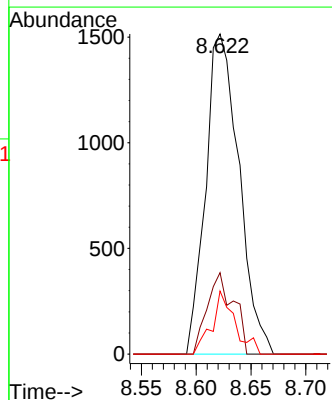
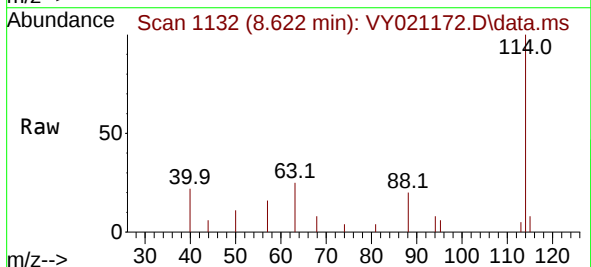
Tgt Ion: 114 Resp: 3199

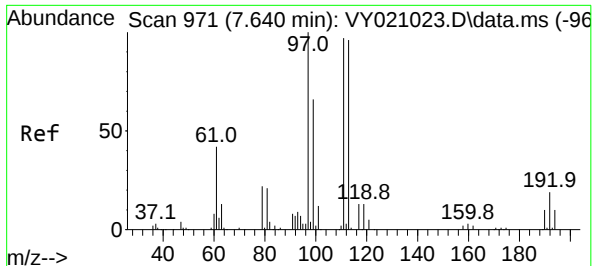
Ion Ratio Lower Upper

114 100

63 25.4 0.0 37.4

88 19.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 61.118 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

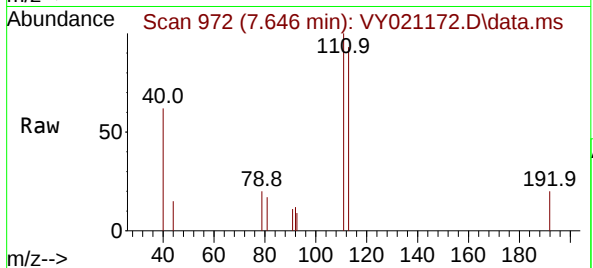
Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :



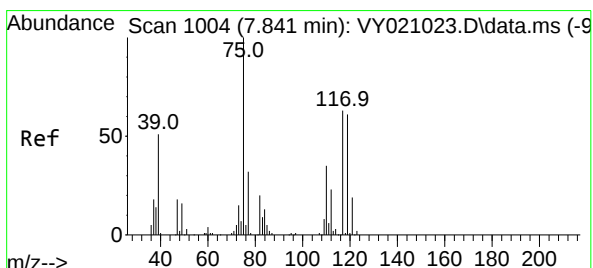
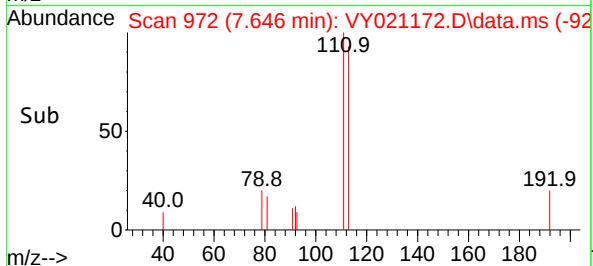
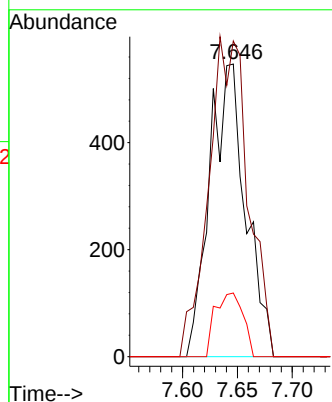
Tgt Ion:113 Resp: 1253

Ion Ratio Lower Upper

113 100

111 119.9 83.8 125.6

192 16.8 14.5 21.7



#36

1,1-Dichloropropene

Concen: 2.602 ug/l

RT: 7.726 min Scan# 985

Delta R.T. -0.116 min

Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

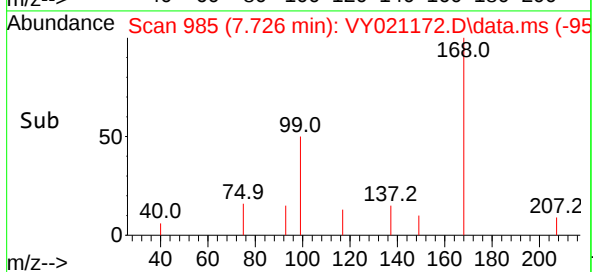
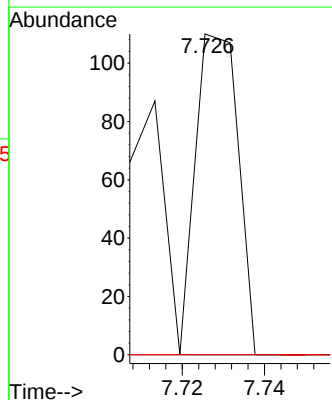
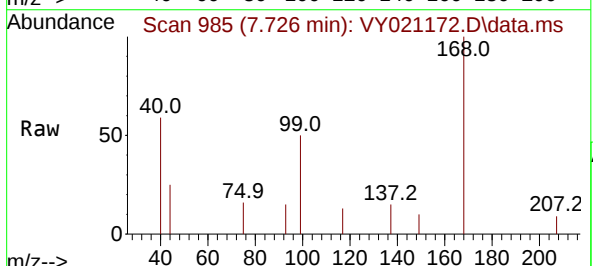
Tgt Ion: 75 Resp: 79

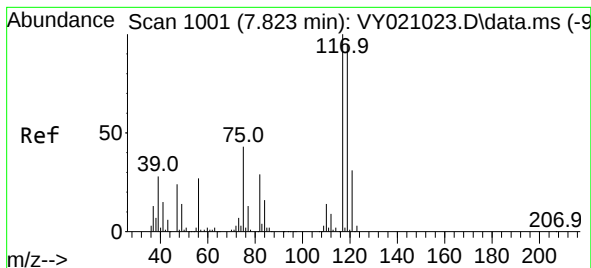
Ion Ratio Lower Upper

75 100

110 0.0 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 2.367 ug/l

RT: 7.726 min Scan# 91

Delta R.T. -0.098 min

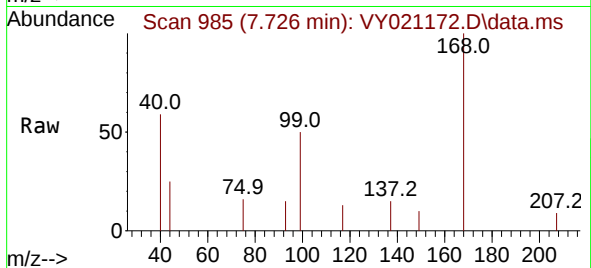
Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :



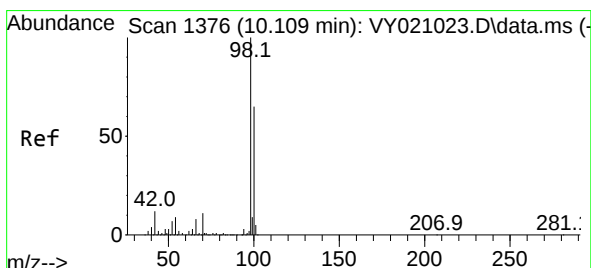
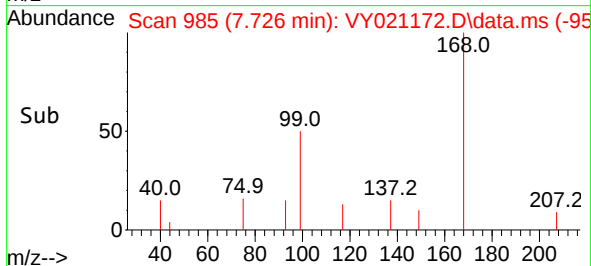
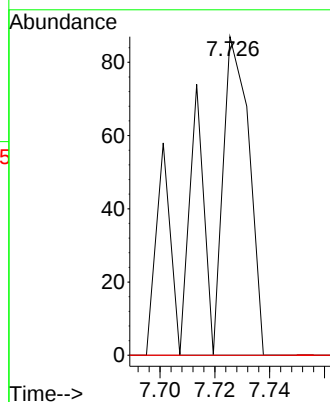
Tgt Ion:117 Resp: 84

Ion Ratio Lower Upper

117 100

119 0.0 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 41.973 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021172.D

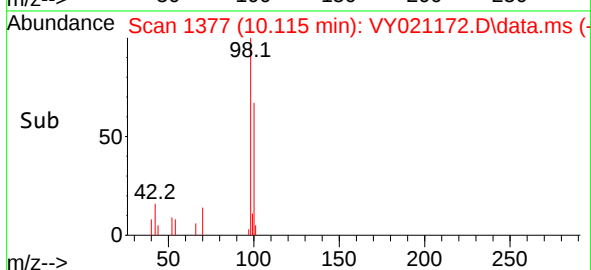
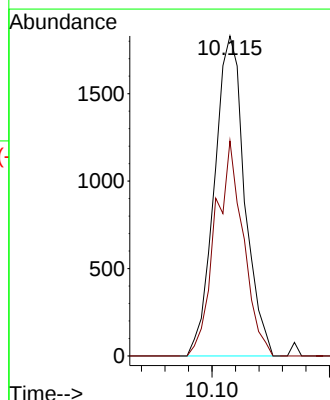
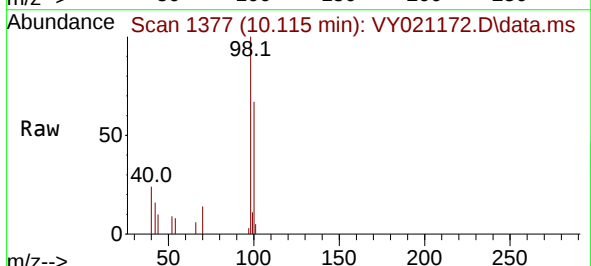
Acq: 11 Feb 2025 16:02

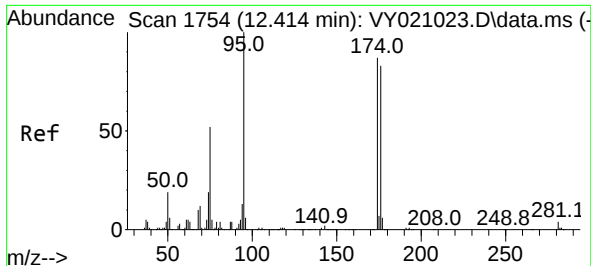
Tgt Ion: 98 Resp: 3276

Ion Ratio Lower Upper

98 100

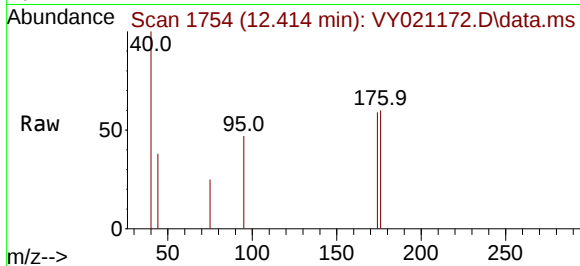
100 62.7 52.3 78.5



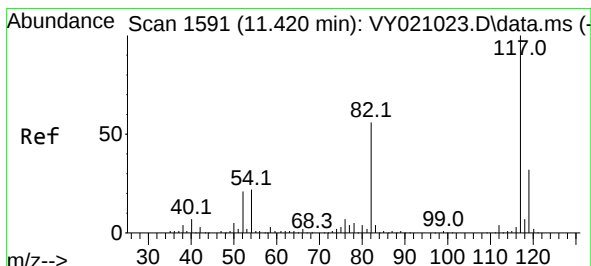
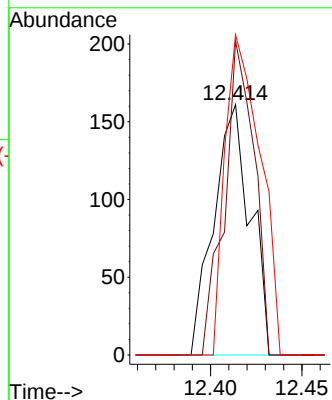
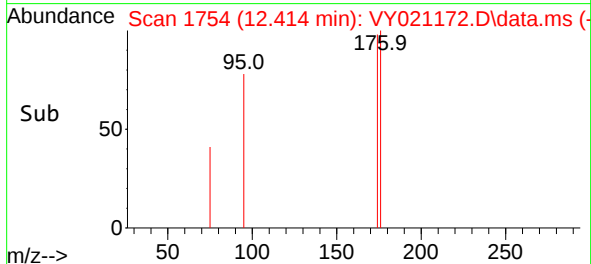


#62
4-Bromofluorobenzene
Concen: 8.824 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :

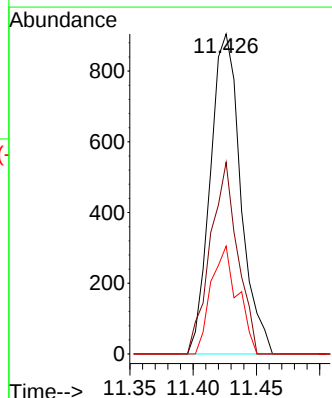
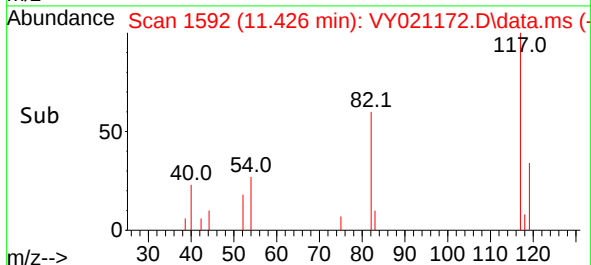
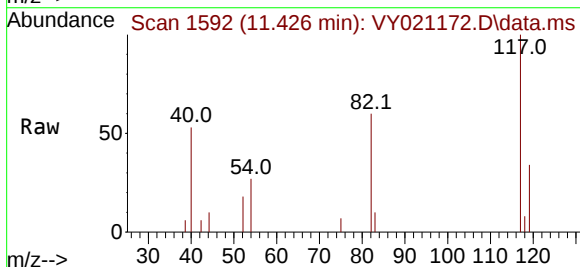


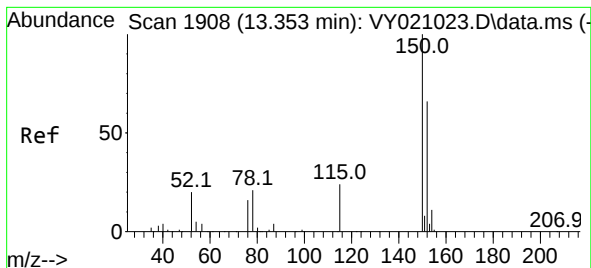
Tgt Ion:	95	Resp:	225
Ion	Ratio	Lower	Upper
95	100		
174	101.3	0.0	160.0
176	123.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Tgt Ion:	117	Resp:	1512
Ion	Ratio	Lower	Upper
117	100		
82	59.9	43.8	65.8
119	33.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021172.D

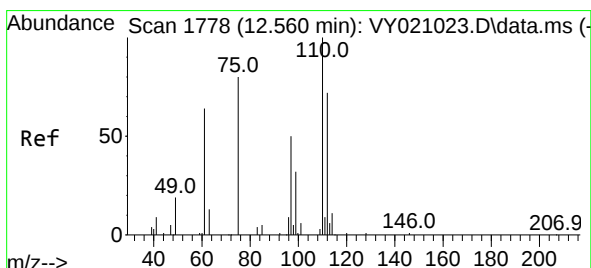
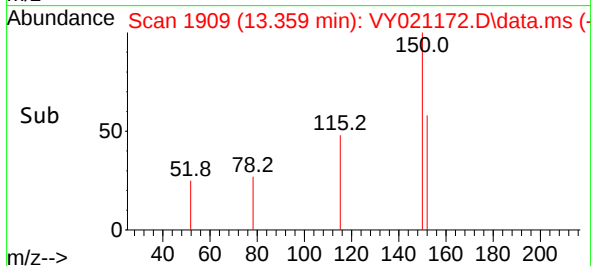
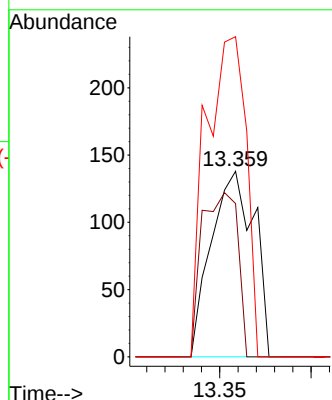
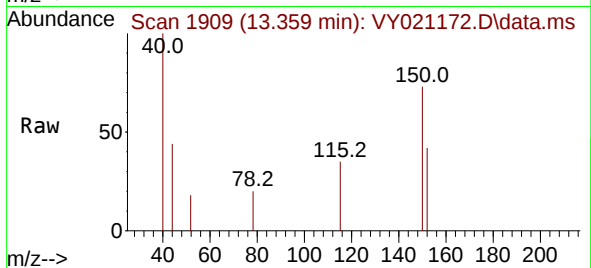
Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:152	Resp:	226
Ion Ratio	Lower	Upper
152	100	
115	73.5	30.0 90.0
150	160.2	0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 84.874 ug/l

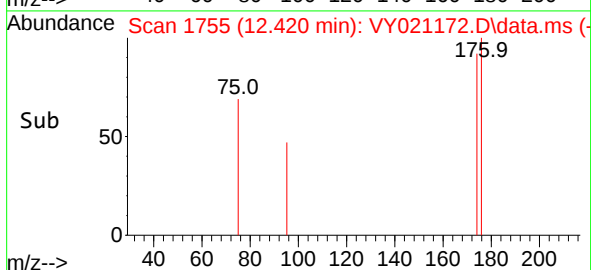
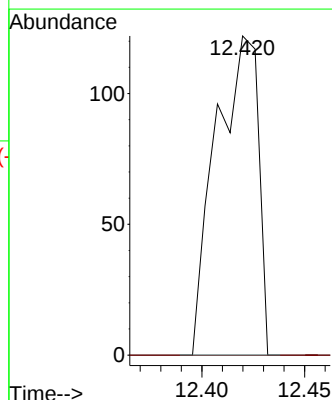
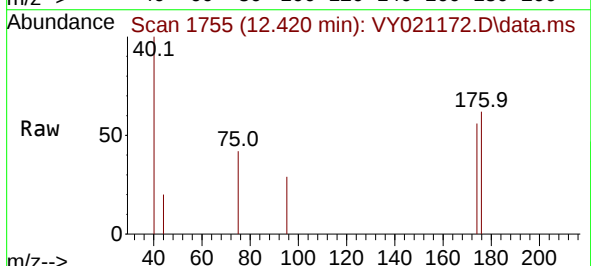
RT: 12.420 min Scan# 1755

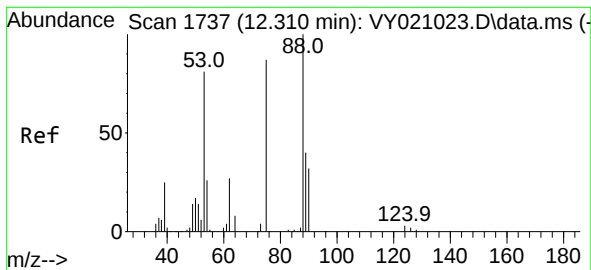
Delta R.T. -0.140 min

Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

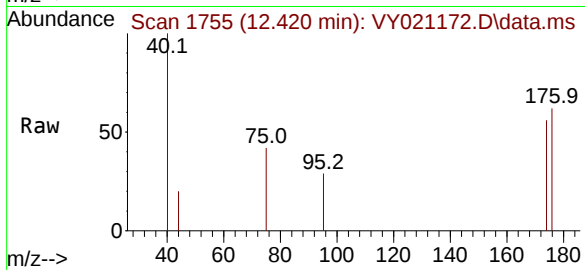
Tgt Ion: 75	Resp:	174
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.184 ug/l
 RT: 12.420 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021172.D
 Acq: 11 Feb 2025 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 174
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

