

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021209.D
 Acq On : 14 Feb 2025 14:13
 Operator : SY/MD
 Sample : Q1365-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 357

Quant Time: Feb 14 22:20:18 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)

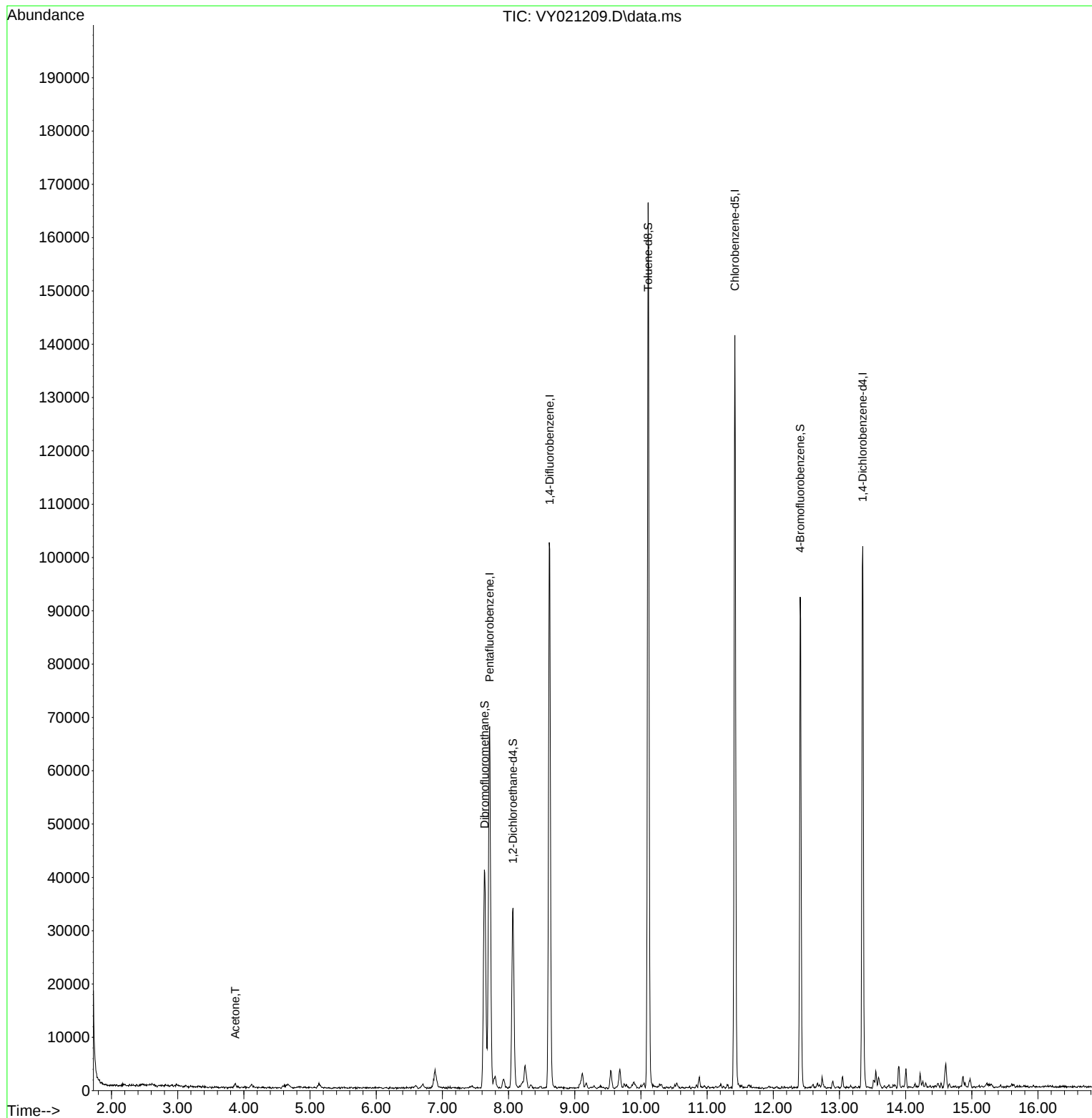
Internal Standards						
1) Pentafluorobenzene	7.713	168	51138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	84998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	72674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	25812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	27589	52.656	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.320%	
35) Dibromofluoromethane	7.640	113	28845	52.953	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	105.900%	
50) Toluene-d8	10.109	98	103548	49.932	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.860%	
62) 4-Bromofluorobenzene	12.407	95	27351	40.370	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	80.740%	
Target Compounds						
16) Acetone	3.872	43	1344	16.449	ug/l	Qvalue 94

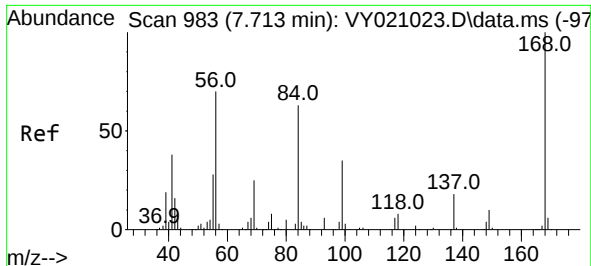
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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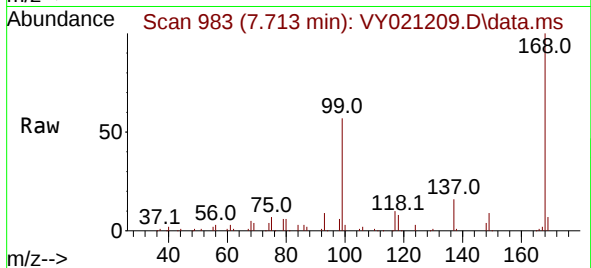
Quant Time: Feb 14 22:20:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
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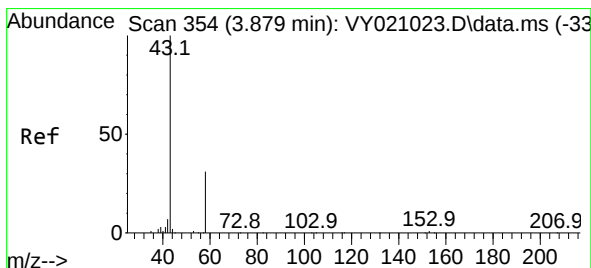
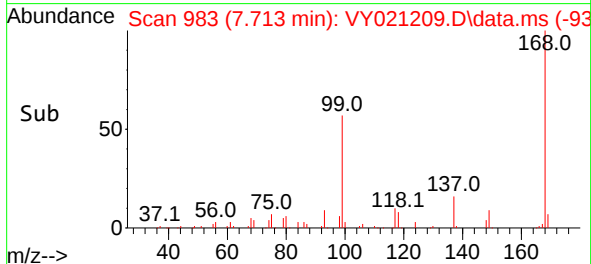
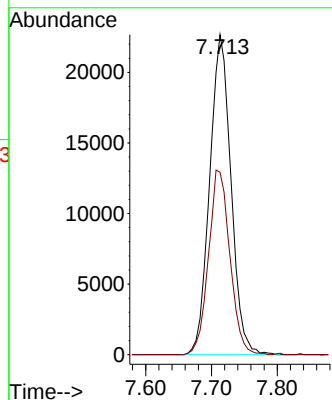


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021209.D
Acq: 14 Feb 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :
357

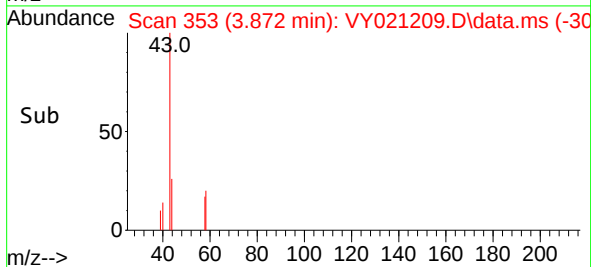
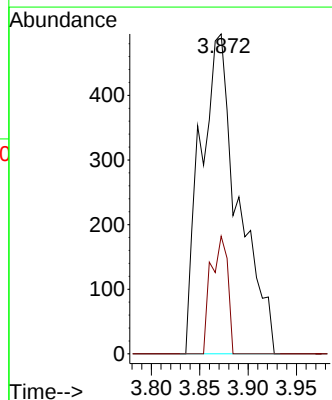
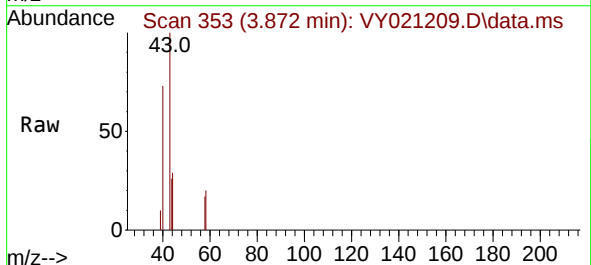


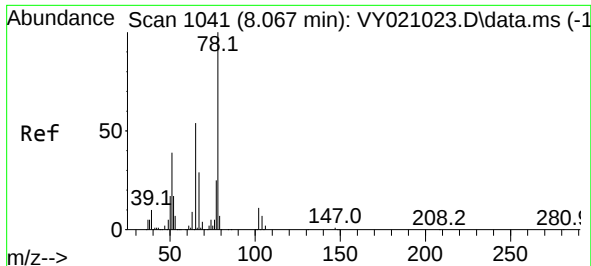
Tgt Ion:168 Resp: 51138
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#16
Acetone
Concen: 16.449 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021209.D
Acq: 14 Feb 2025 14:13

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 36.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 52.656 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.001 min

Lab File: VY021209.D

Acq: 14 Feb 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

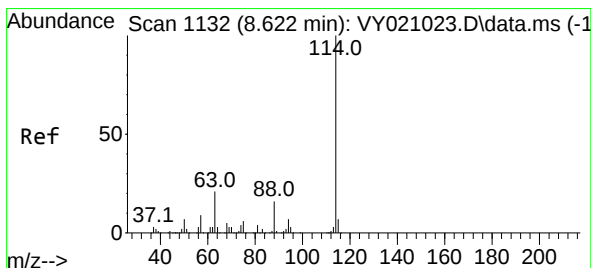
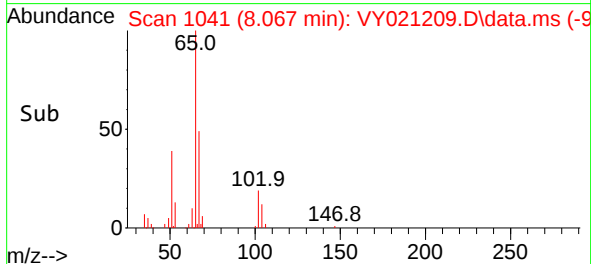
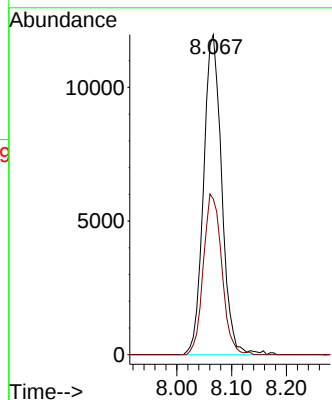
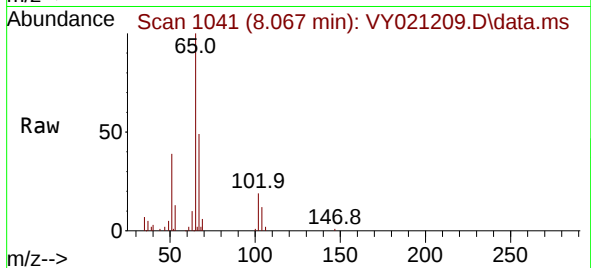
357

Tgt Ion: 65 Resp: 27589

Ion Ratio Lower Upper

65 100

67 50.9 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: VY021209.D

Acq: 14 Feb 2025 14:13

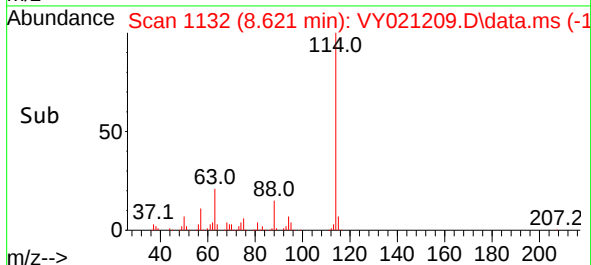
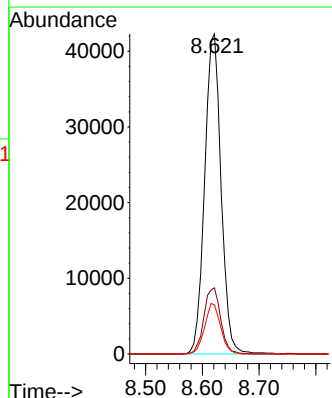
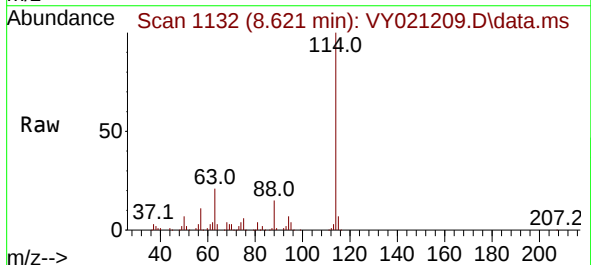
Tgt Ion: 114 Resp: 84998

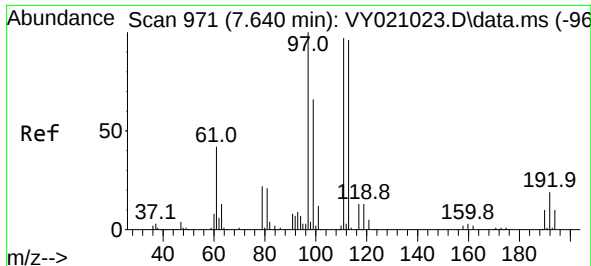
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

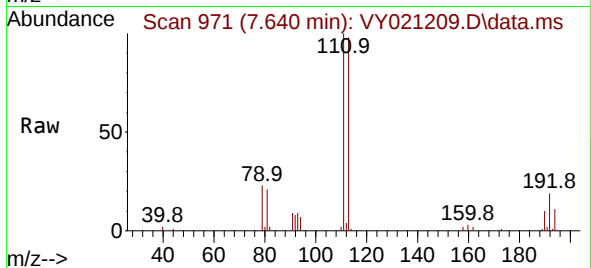
88 15.3 0.0 29.0



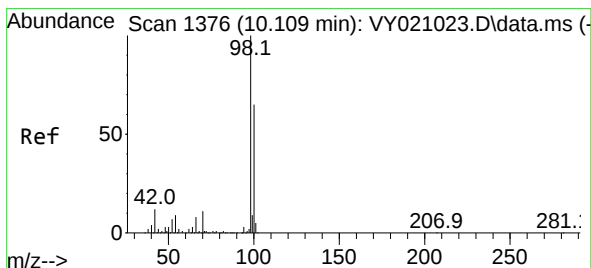
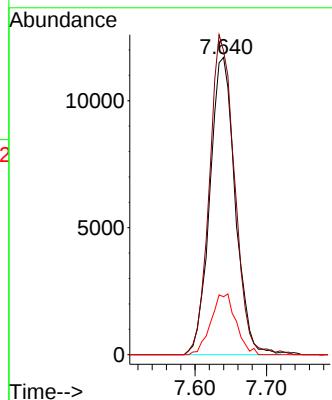
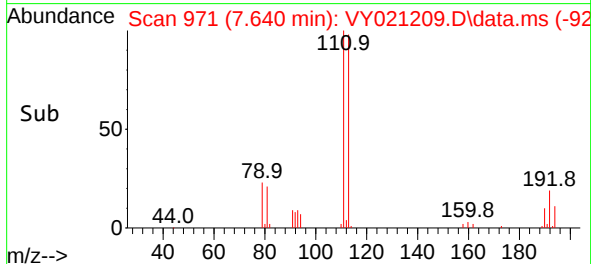


#35
Dibromofluoromethane
Concen: 52.953 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY021209.D
Acq: 14 Feb 2025 14:13

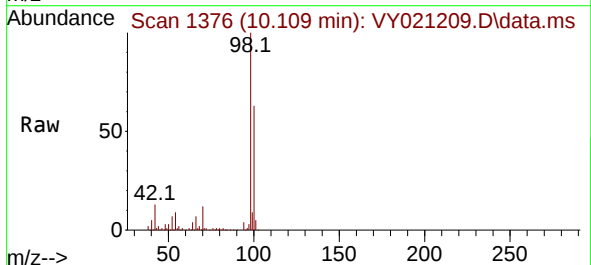
Instrument :
MSVOA_Y
ClientSampleId :
357



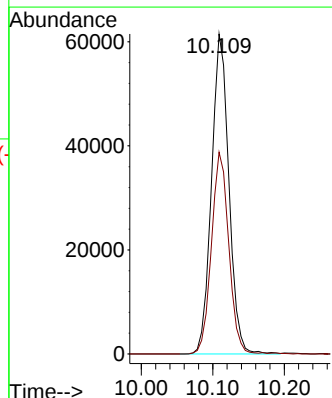
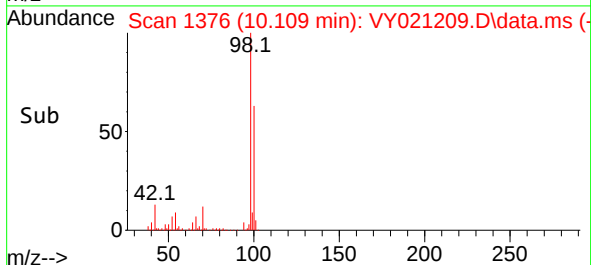
Tgt Ion:113 Resp: 28845
Ion Ratio Lower Upper
113 100
111 106.6 83.8 125.6
192 20.2 14.5 21.7

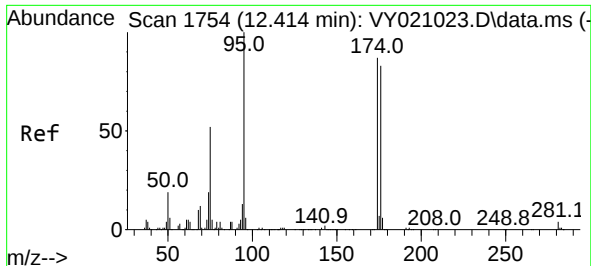


#50
Toluene-d8
Concen: 49.932 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY021209.D
Acq: 14 Feb 2025 14:13



Tgt Ion: 98 Resp: 103548
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 40.370 ug/l

RT: 12.407 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY021209.D

Acq: 14 Feb 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

357

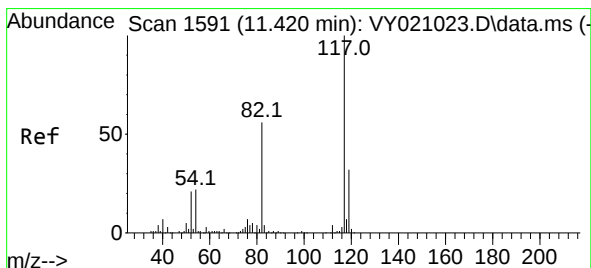
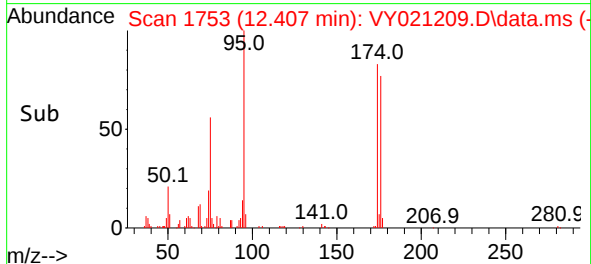
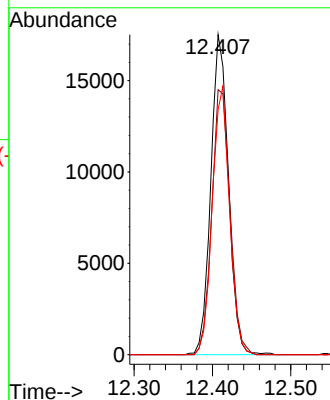
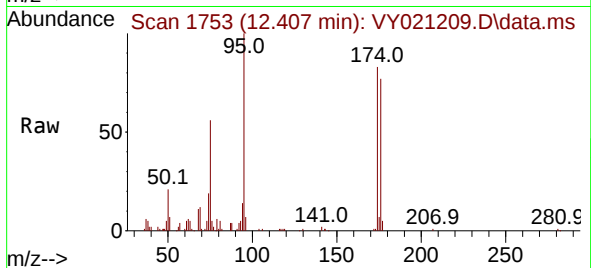
Tgt Ion: 95 Resp: 27351

Ion Ratio Lower Upper

95 100

174 86.1 0.0 160.0

176 82.2 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.001 min

Lab File: VY021209.D

Acq: 14 Feb 2025 14:13

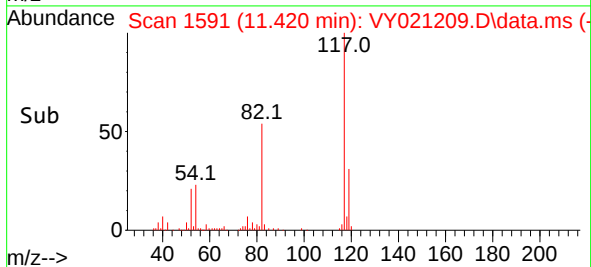
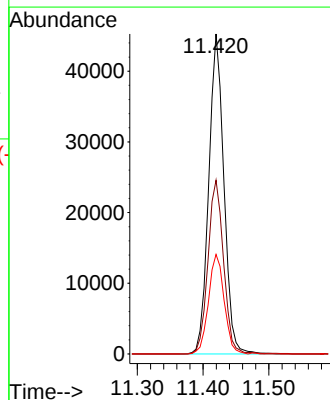
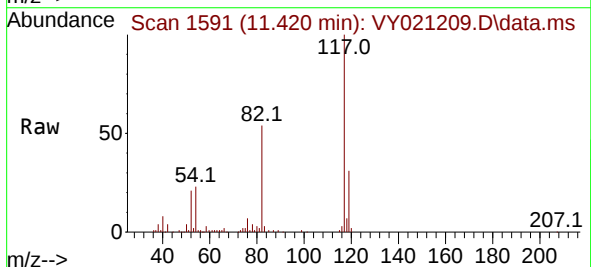
Tgt Ion: 117 Resp: 72674

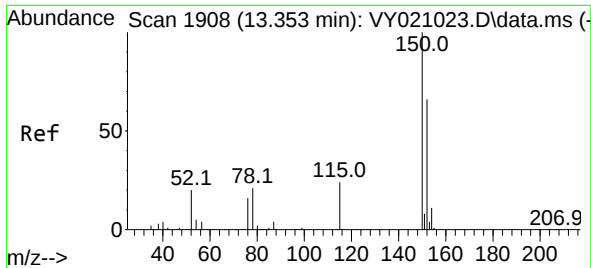
Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

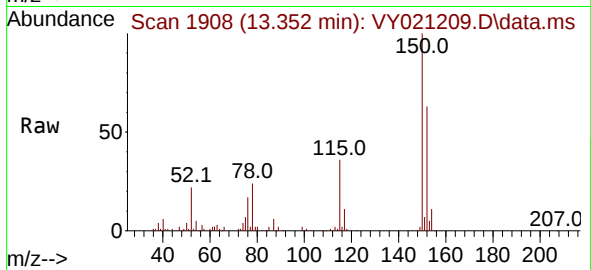
119 31.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.001 min
 Lab File: VY021209.D
 Acq: 14 Feb 2025 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 357



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.0
150	159.1	0.0	344.6

