

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021549.D
 Acq On : 17 Mar 2025 14:26
 Operator : SY/MD
 Sample : Q1574-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1

Quant Time: Mar 18 01:27:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

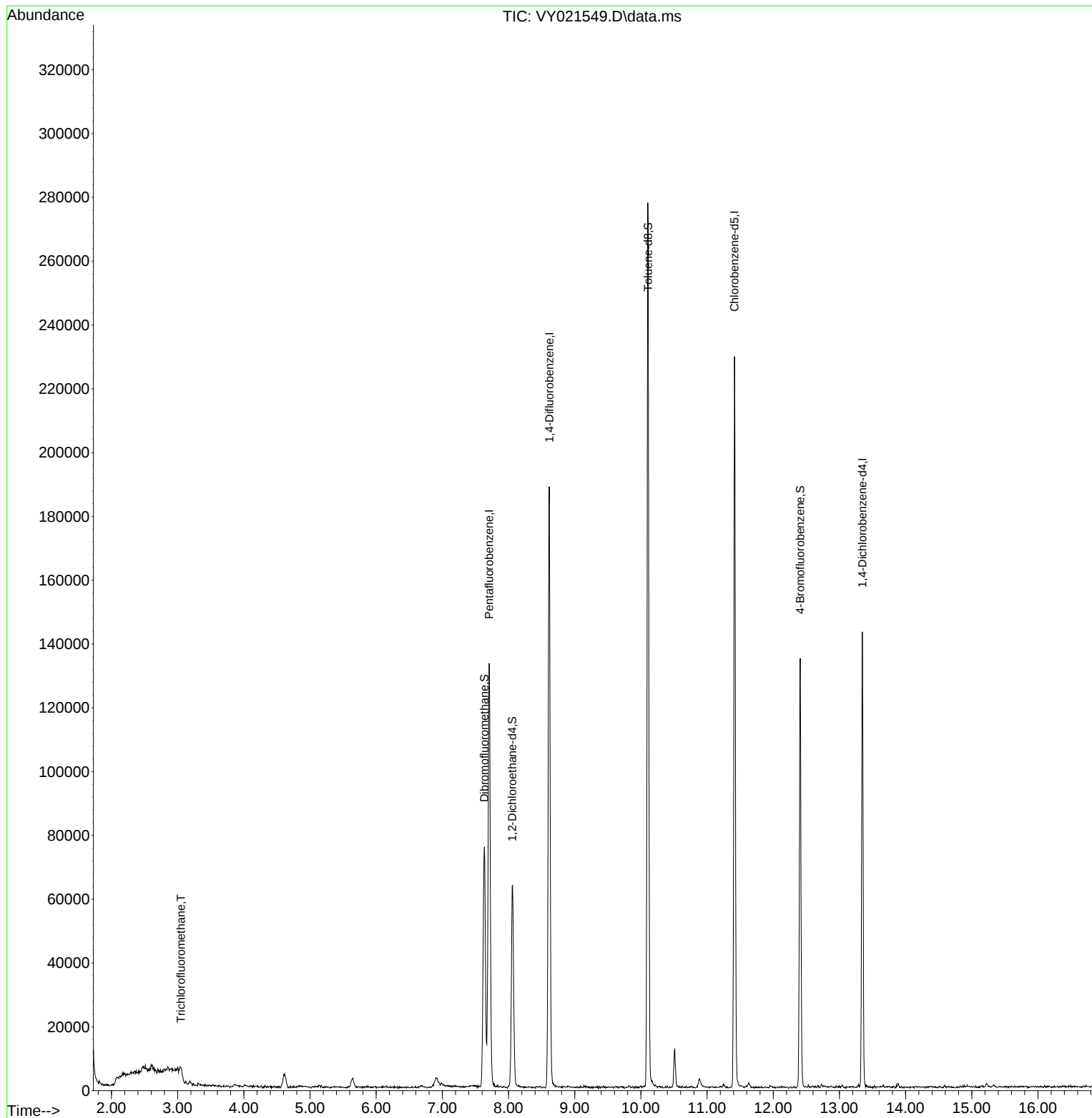
Internal Standards						
1) Pentafluorobenzene	7.707	168	98896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	155221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	116517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	33476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	51252	49.032	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.634	113	54695	53.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.109	98	177431	45.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.408	95	39595	30.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.260%
Target Compounds						
7) Trichlorofluoromethane	3.050	101	2375	1.217	ug/l	Qvalue # 80

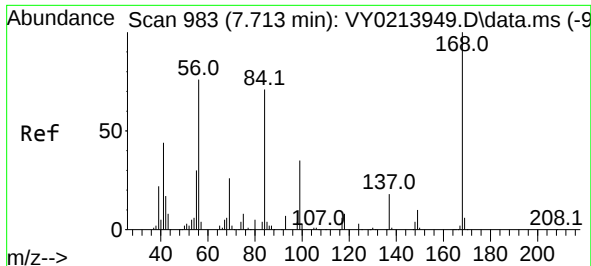
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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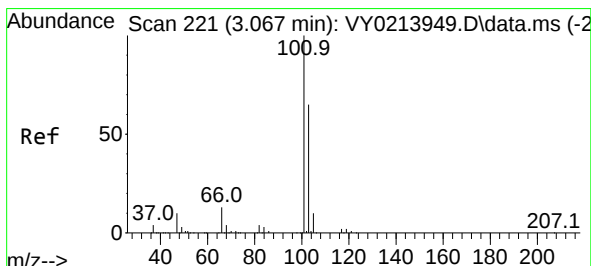
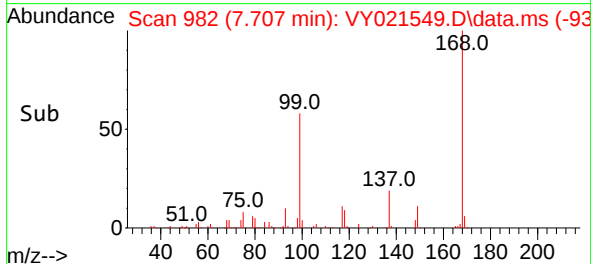
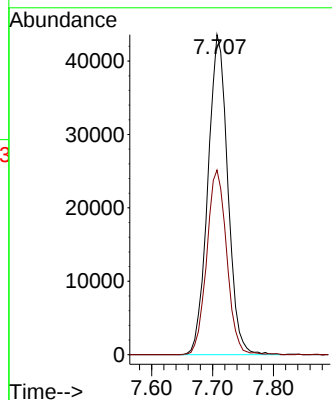
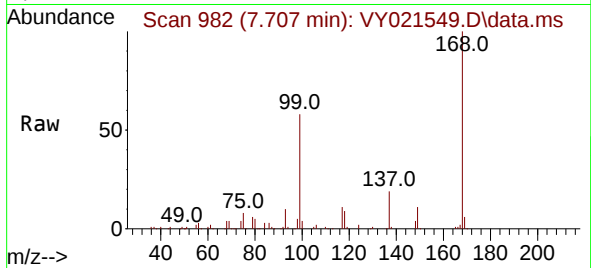




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021549.D
Acq: 17 Mar 2025 14:26

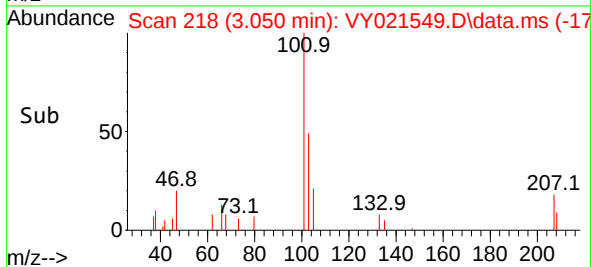
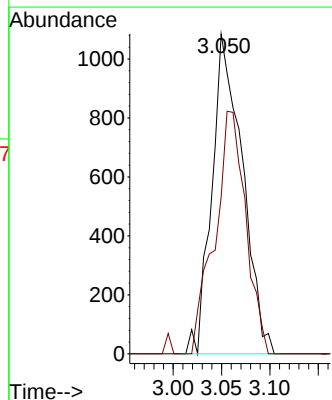
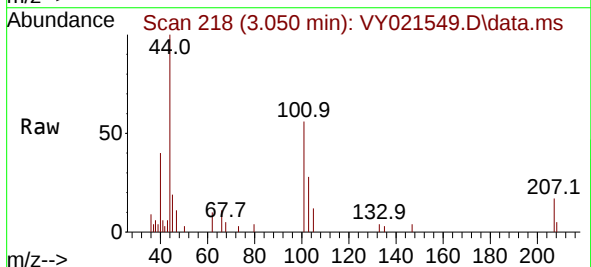
Instrument :
MSVOA_Y
ClientSampleId :
WC1

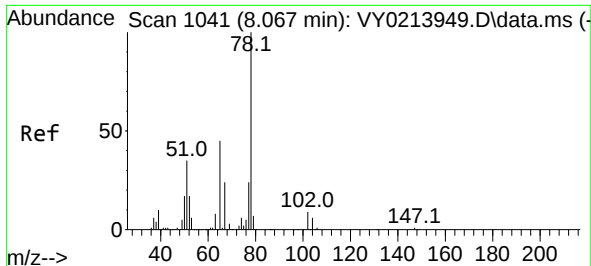
Tgt Ion:168 Resp: 98896
Ion Ratio Lower Upper
168 100
99 57.7 46.0 69.0



#7
Trichlorofluoromethane
Concen: 1.217 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.018 min
Lab File: VY021549.D
Acq: 17 Mar 2025 14:26

Tgt Ion:101 Resp: 2375
Ion Ratio Lower Upper
101 100
103 49.0 51.7 77.5#





#33

1,2-Dichloroethane-d4

Concen: 49.032 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY021549.D

Acq: 17 Mar 2025 14:26

Instrument :

MSVOA_Y

ClientSampleId :

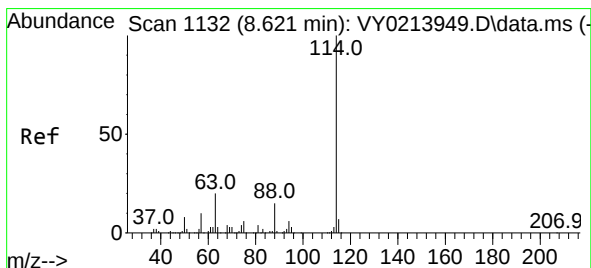
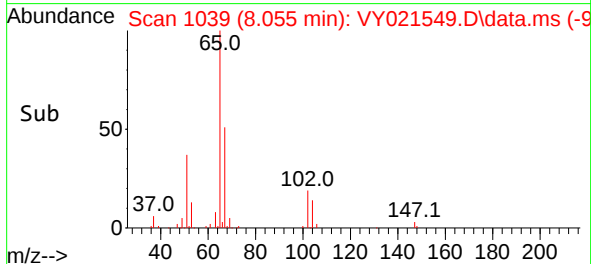
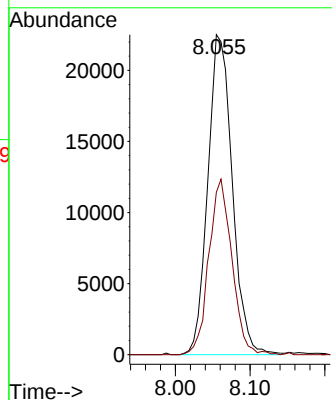
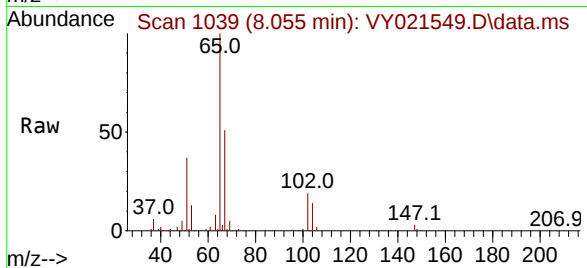
WC1

Tgt Ion: 65 Resp: 51252

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021549.D

Acq: 17 Mar 2025 14:26

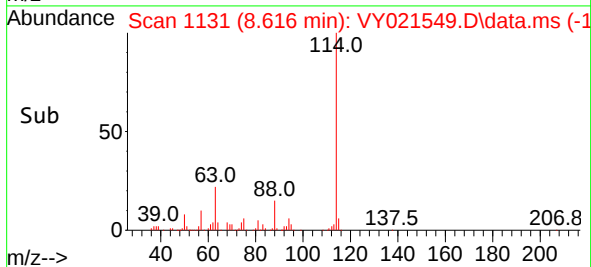
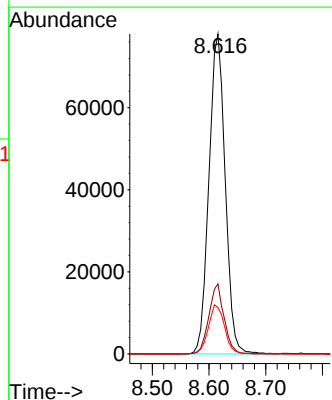
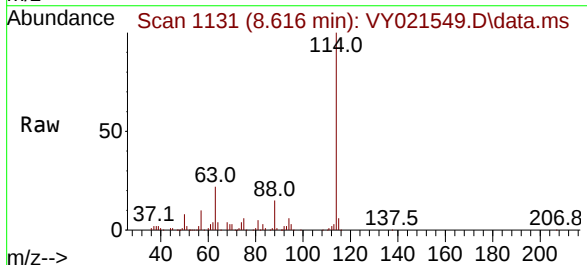
Tgt Ion: 114 Resp: 155221

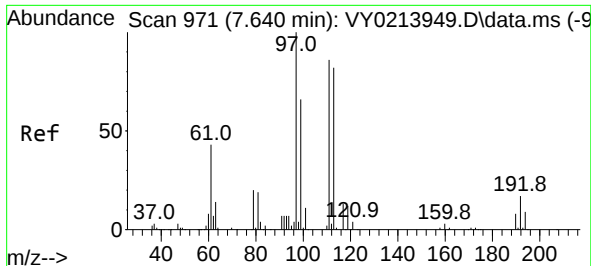
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.8

88 14.5 0.0 30.8

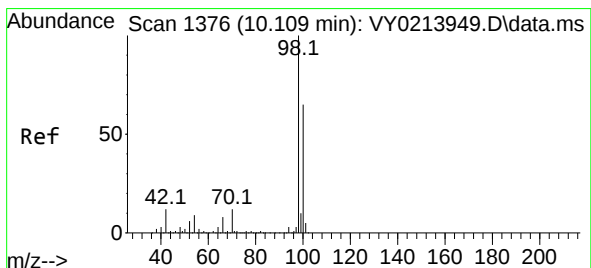
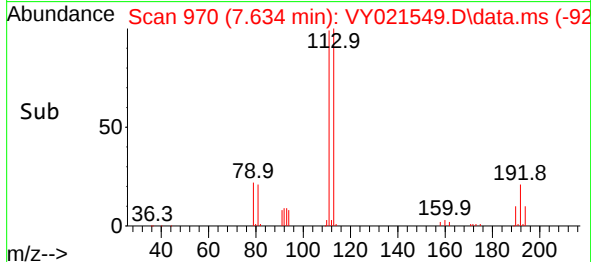
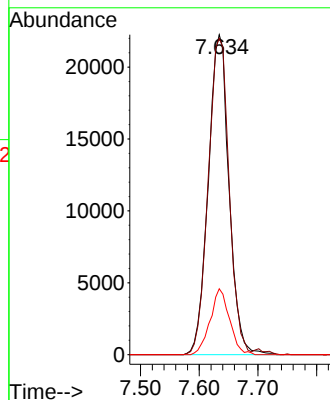
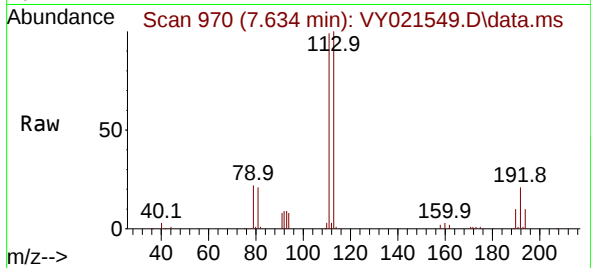




#35
Dibromofluoromethane
Concen: 53.607 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021549.D
Acq: 17 Mar 2025 14:26

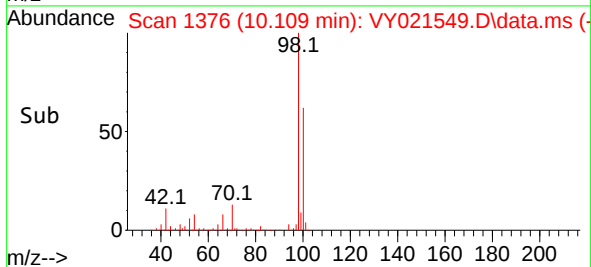
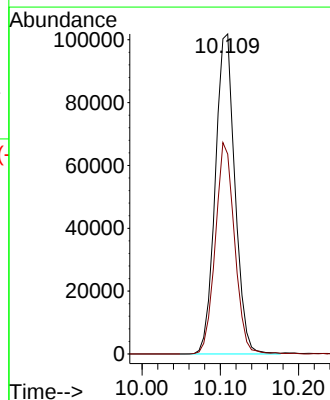
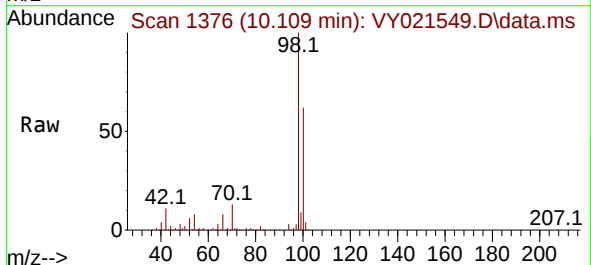
Instrument :
MSVOA_Y
ClientSampleId :
WC1

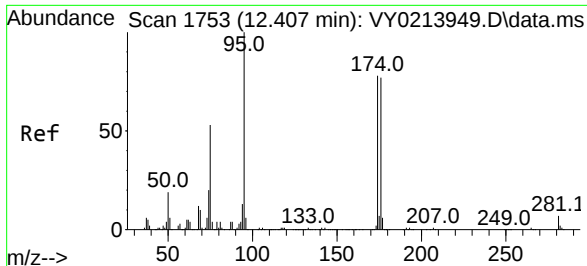
Tgt Ion:113 Resp: 54695
Ion Ratio Lower Upper
113 100
111 99.3 82.0 123.0
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 45.929 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021549.D
Acq: 17 Mar 2025 14:26

Tgt Ion: 98 Resp: 177431
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 30.131 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021549.D

Acq: 17 Mar 2025 14:26

Instrument :

MSVOA_Y

ClientSampleId :

WC1

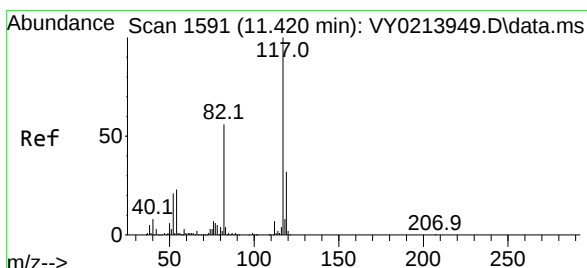
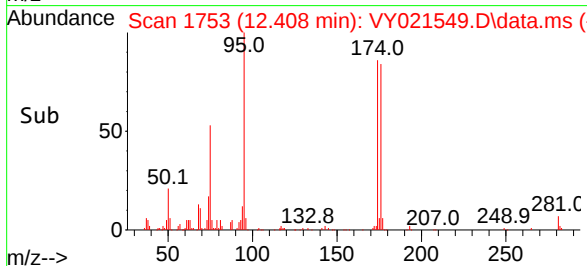
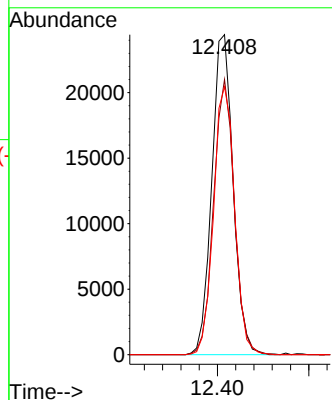
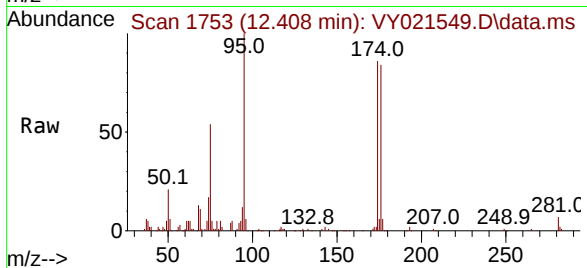
Tgt Ion: 95 Resp: 39595

Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.0

176 82.7 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021549.D

Acq: 17 Mar 2025 14:26

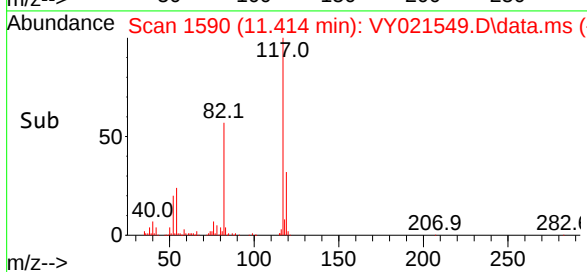
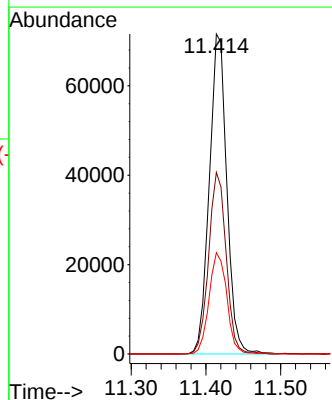
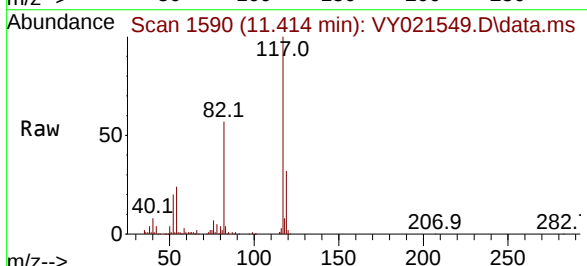
Tgt Ion: 117 Resp: 116517

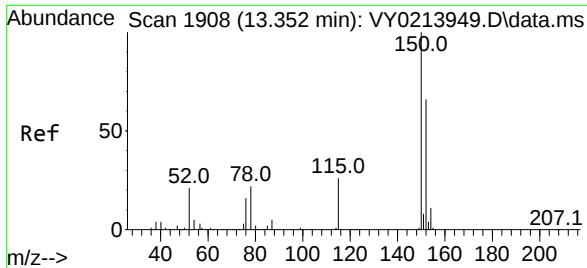
Ion Ratio Lower Upper

117 100

82 56.7 44.6 67.0

119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021549.D
 Acq: 17 Mar 2025 14:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.0	87.0
150	161.9	0.0	347.2

