

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023209.D
 Acq On : 25 Aug 2025 15:17
 Operator : SY/MD
 Sample : Q2954-01
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-NORTH

Quant Time: Aug 25 23:50:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

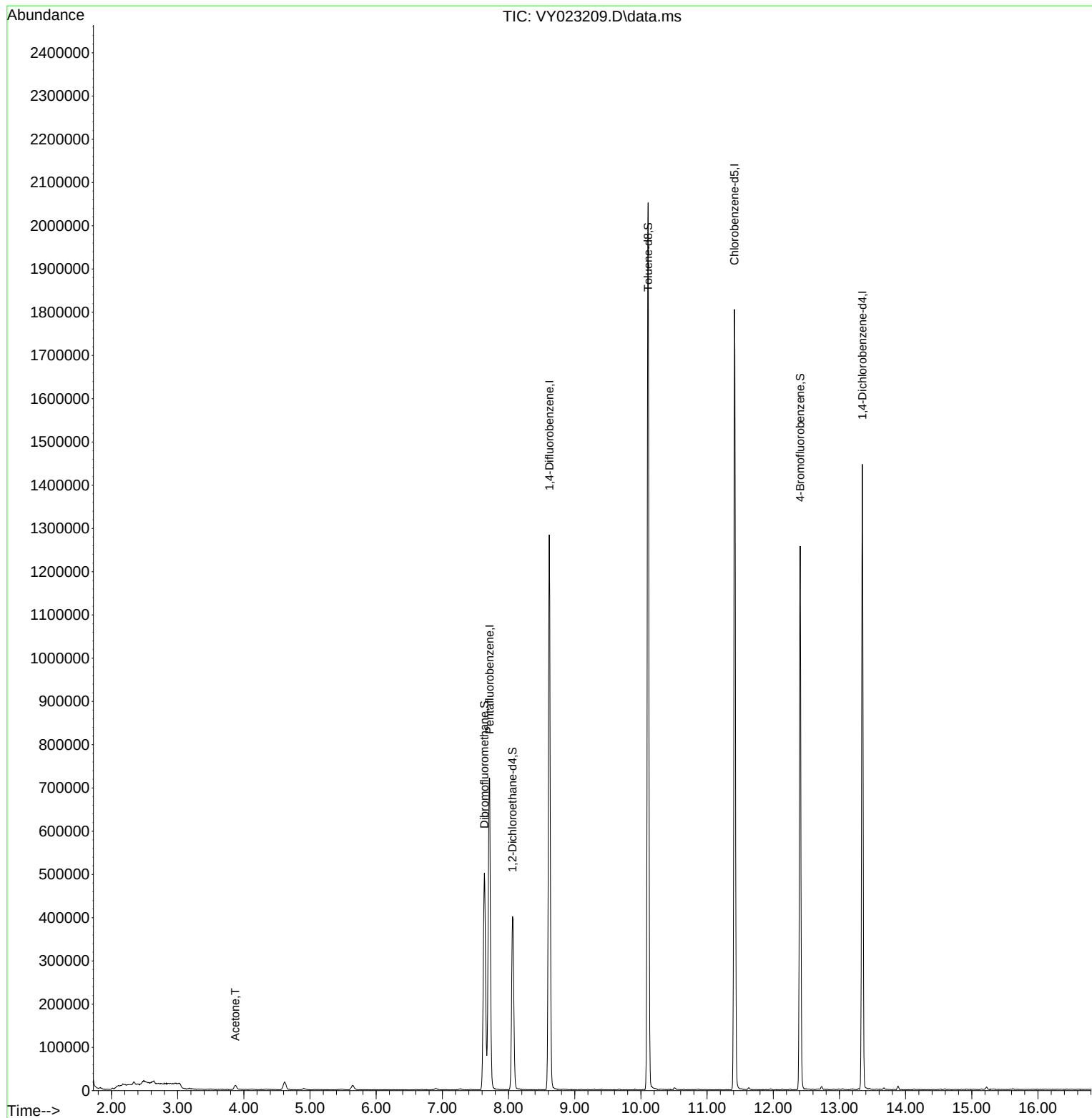
Internal Standards						
1) Pentafluorobenzene	7.713	168	584083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1117666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	978624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	368244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	321570	57.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.540%
35) Dibromofluoromethane	7.634	113	360956	53.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.940%
50) Toluene-d8	10.109	98	1343902	51.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.408	95	372711	44.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.720%
Target Compounds						
16) Acetone	3.873	43	17756	14.723	ug/l	Qvalue 95

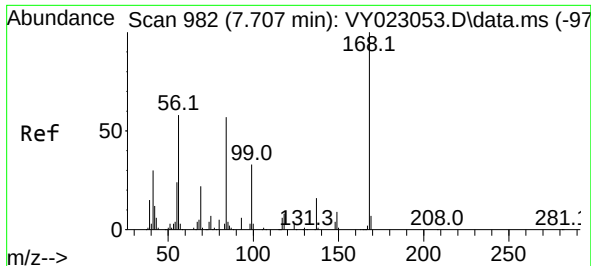
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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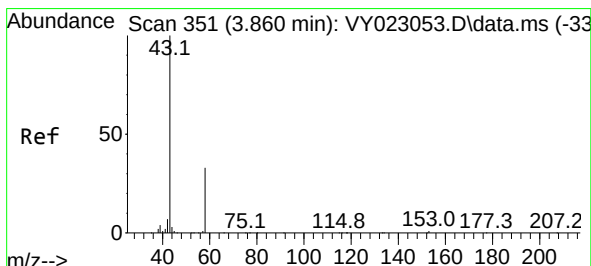
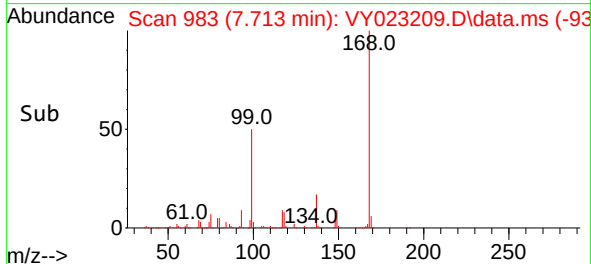
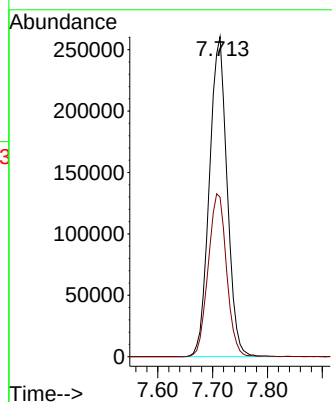
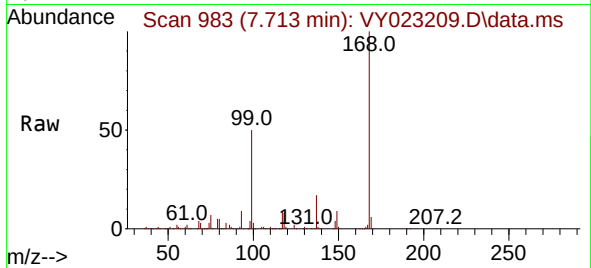




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023209.D
Acq: 25 Aug 2025 15:17

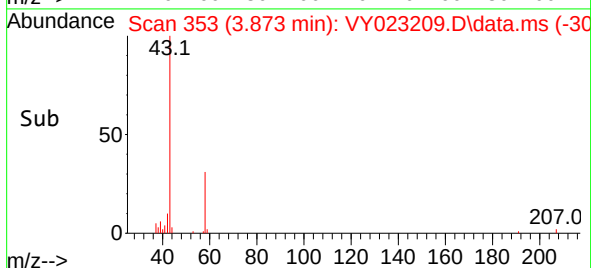
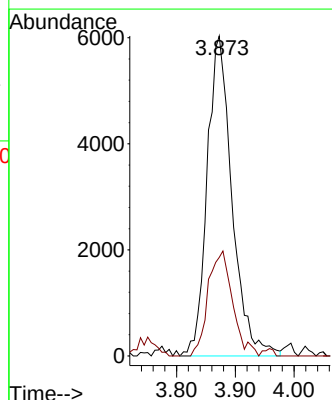
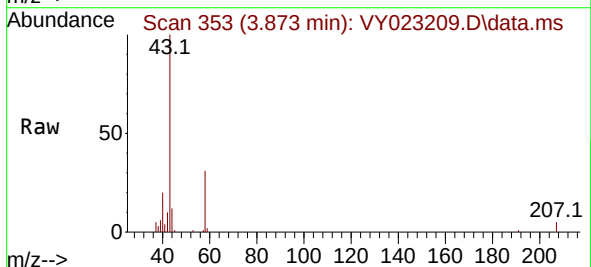
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-NORTH

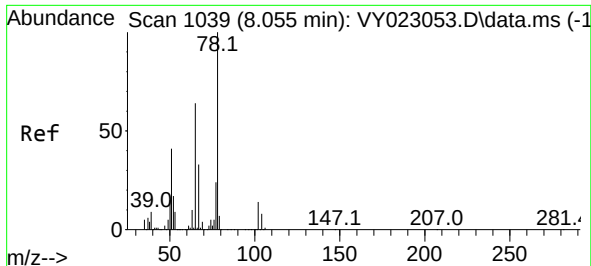
Tgt Ion:168 Resp: 584083
Ion Ratio Lower Upper
168 100
99 49.9 42.8 64.2



#16
Acetone
Concen: 14.723 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023209.D
Acq: 25 Aug 2025 15:17

Tgt Ion: 43 Resp: 17756
Ion Ratio Lower Upper
43 100
58 30.8 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 57.767 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023209.D

Acq: 25 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

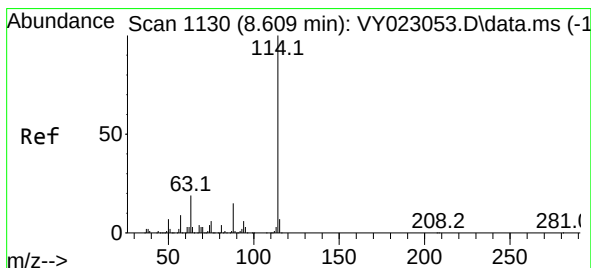
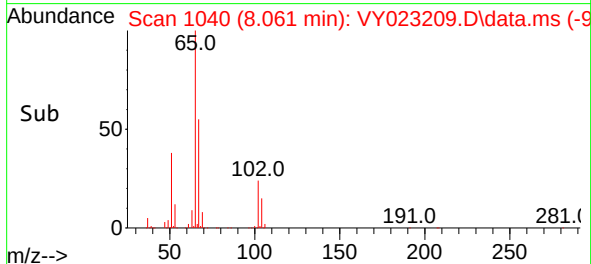
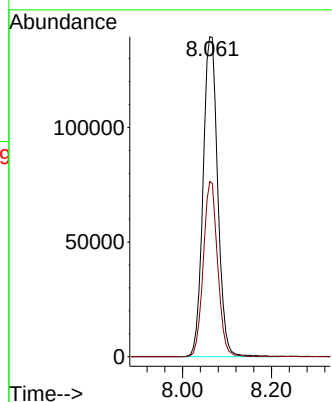
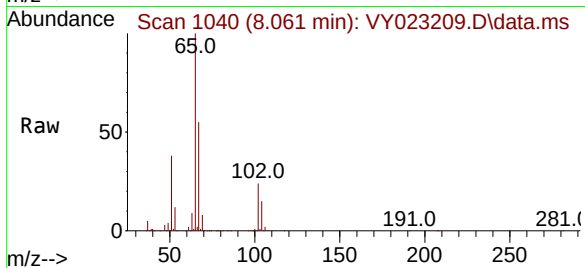
BRIDGE-NORTH

Tgt Ion: 65 Resp: 321570

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023209.D

Acq: 25 Aug 2025 15:17

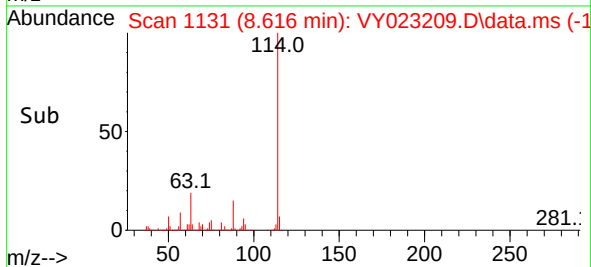
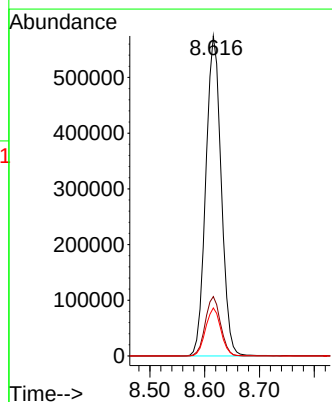
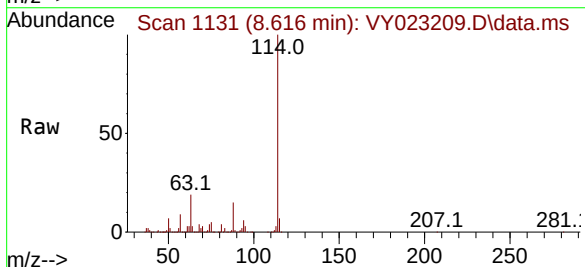
Tgt Ion:114 Resp: 1117666

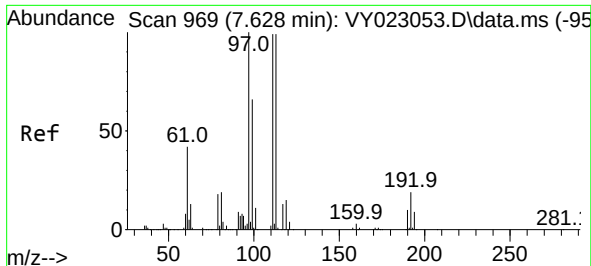
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.0 0.0 30.0

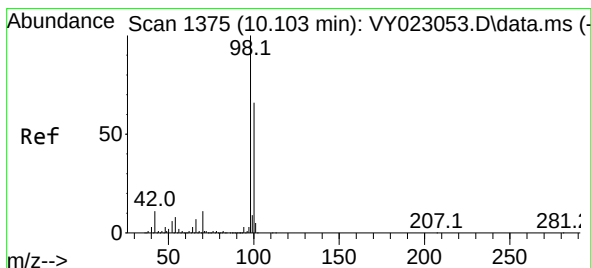
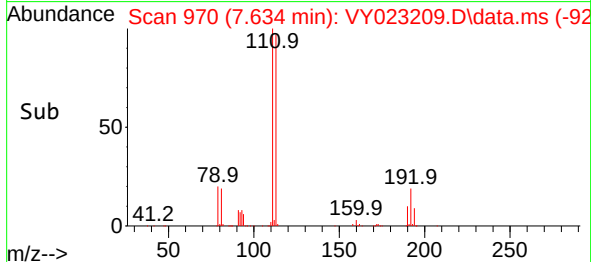
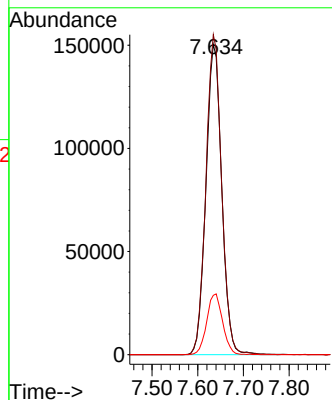
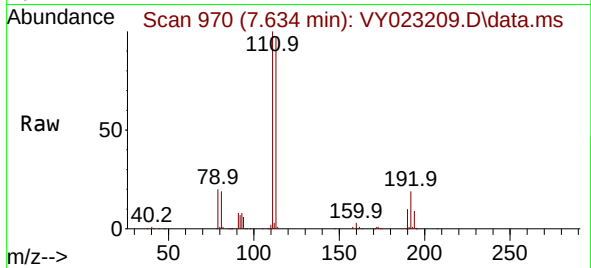




#35
Dibromofluoromethane
Concen: 53.973 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023209.D
Acq: 25 Aug 2025 15:17

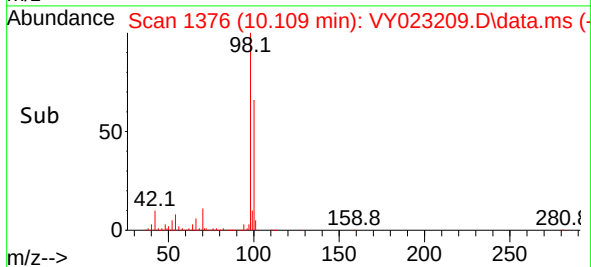
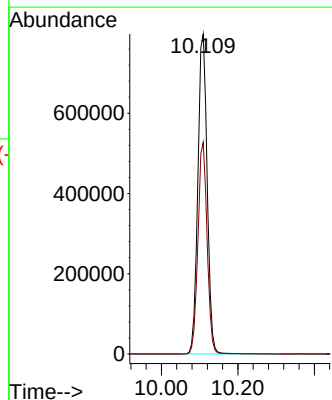
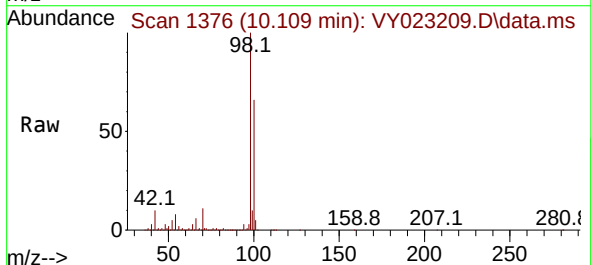
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-NORTH

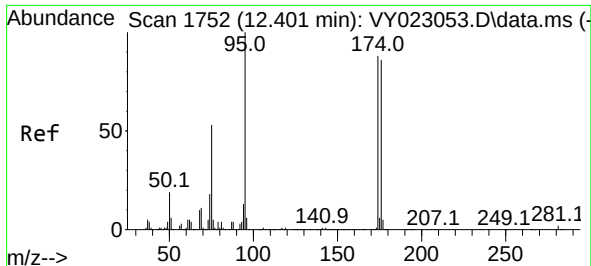
Tgt Ion:113 Resp: 360956
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 19.8 16.2 24.4



#50
Toluene-d8
Concen: 51.439 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023209.D
Acq: 25 Aug 2025 15:17

Tgt Ion: 98 Resp: 1343902
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.359 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023209.D

Acq: 25 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

BRIDGE-NORTH

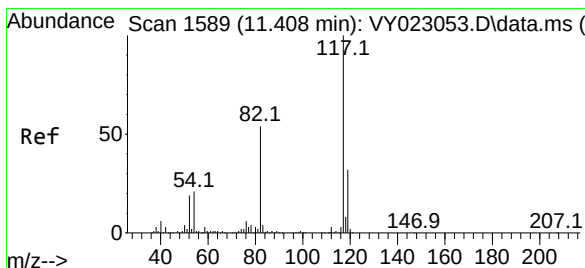
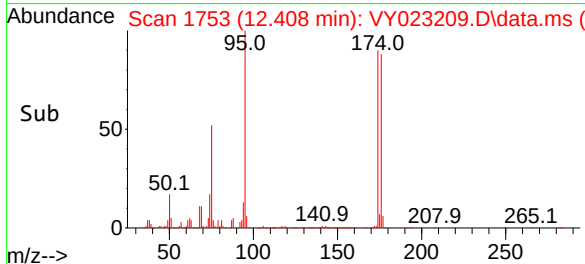
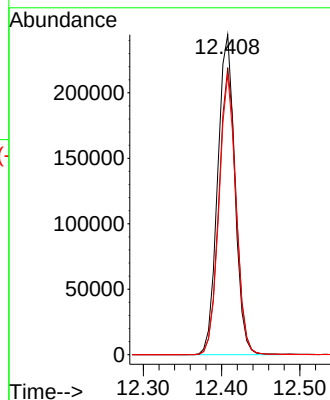
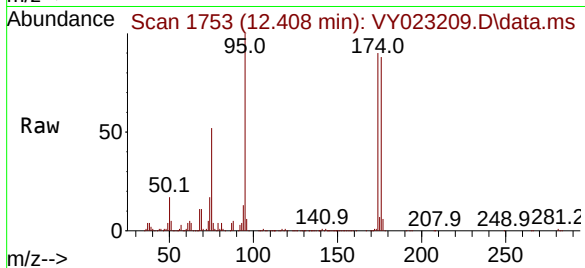
Tgt Ion: 95 Resp: 372711

Ion Ratio Lower Upper

95 100

174 89.7 0.0 171.6

176 86.4 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY023209.D

Acq: 25 Aug 2025 15:17

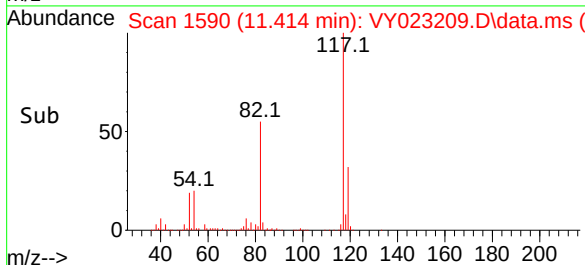
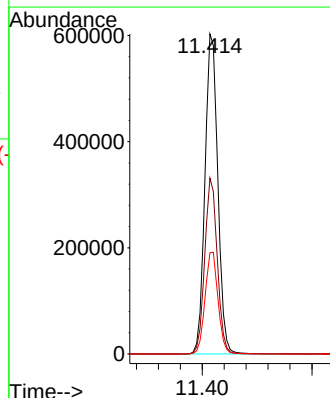
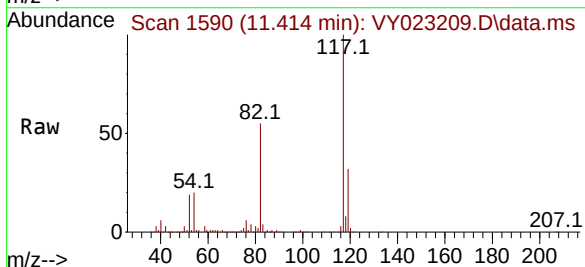
Tgt Ion: 117 Resp: 978624

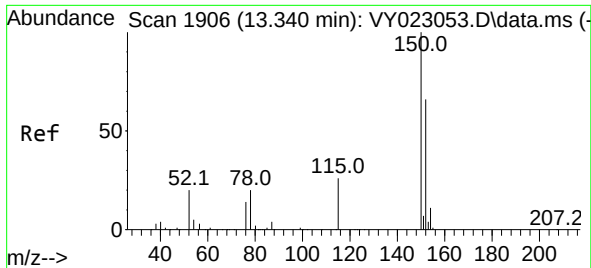
Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

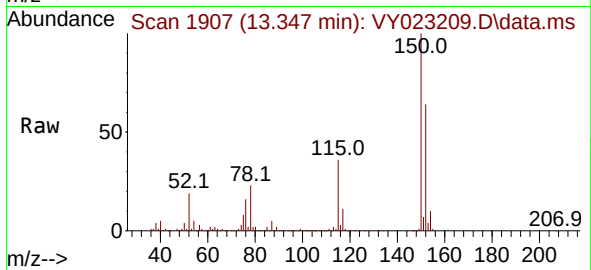
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY023209.D
 Acq: 25 Aug 2025 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-NORTH



Tgt Ion:152 Resp: 368244
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.6
 150 156.1 0.0 348.0

