

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023210.D
 Acq On : 25 Aug 2025 15:40
 Operator : SY/MD
 Sample : Q2954-06
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-SOUTH

Quant Time: Aug 25 23:50:43 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)

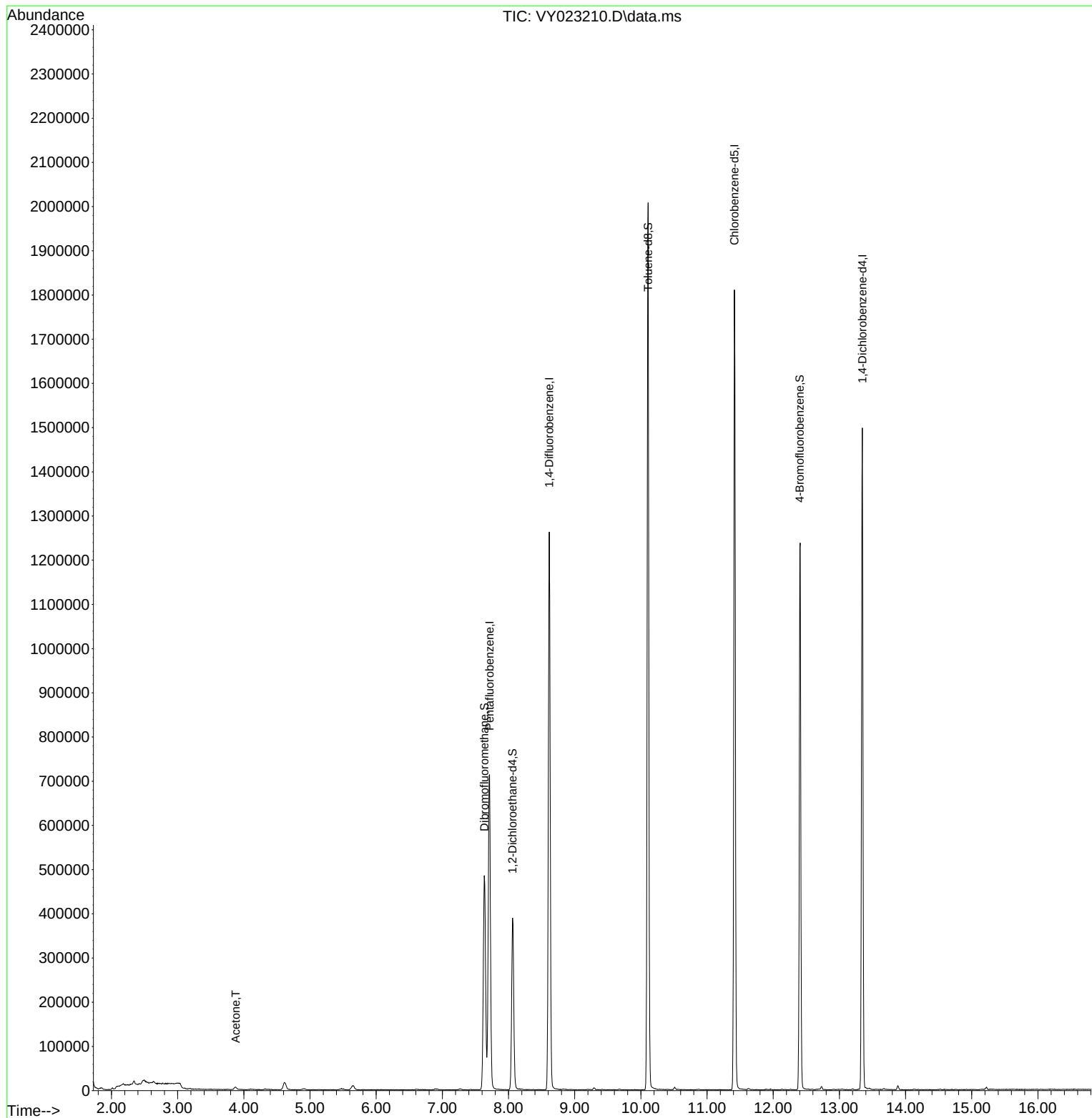
Internal Standards						
1) Pentafluorobenzene	7.713	168	581046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1096549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	975088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	384055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	303255	54.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.634	113	350946	53.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.980%	
50) Toluene-d8	10.109	98	1319569	51.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.402	95	378157	45.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.740%	
Target Compounds						
16) Acetone	3.879	43	9354	7.797	ug/l	Qvalue 96

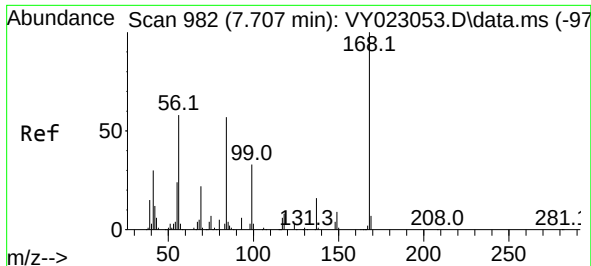
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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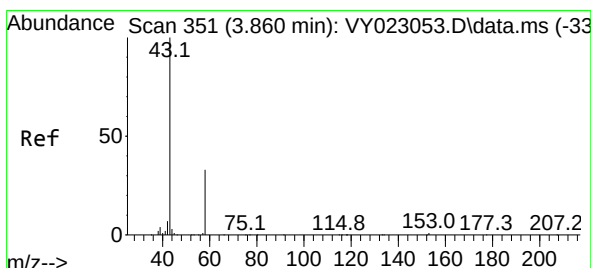
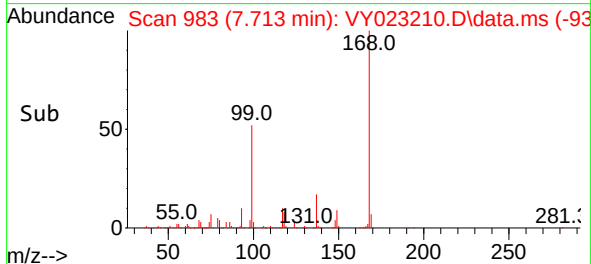
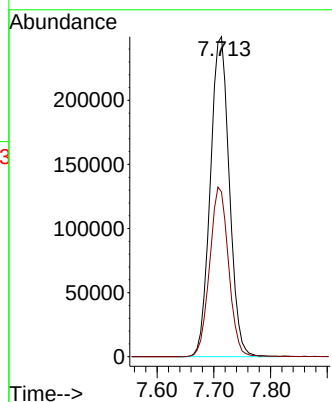
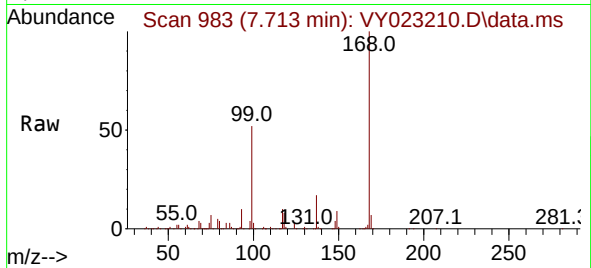




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

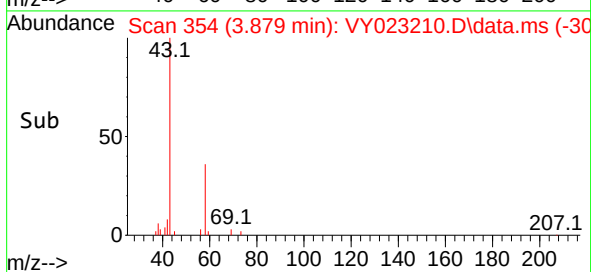
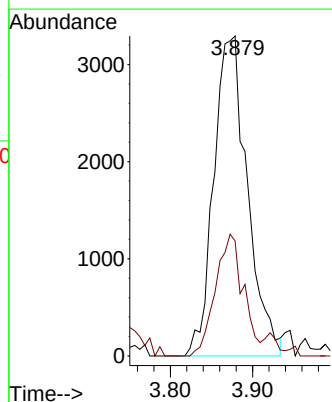
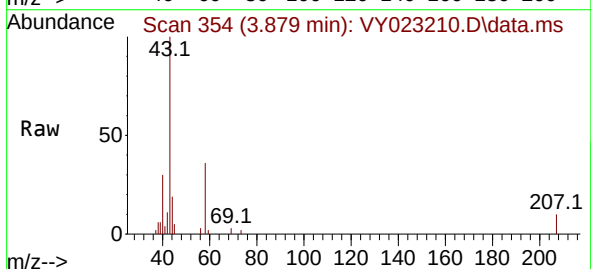
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-SOUTH

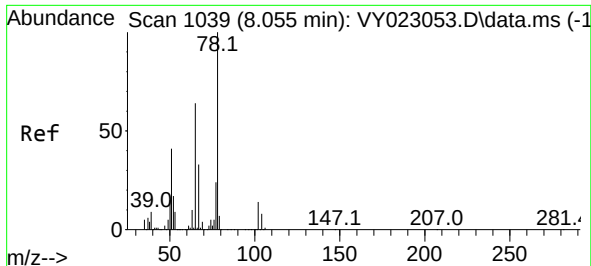
Tgt Ion:168 Resp: 581046
Ion Ratio Lower Upper
168 100
99 51.5 42.8 64.2



#16
Acetone
Concen: 7.797 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

Tgt Ion: 43 Resp: 9354
Ion Ratio Lower Upper
43 100
58 35.9 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 54.761 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023210.D

Acq: 25 Aug 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

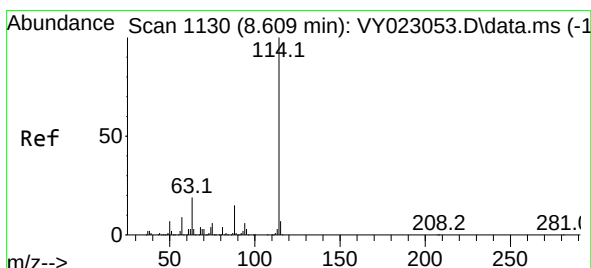
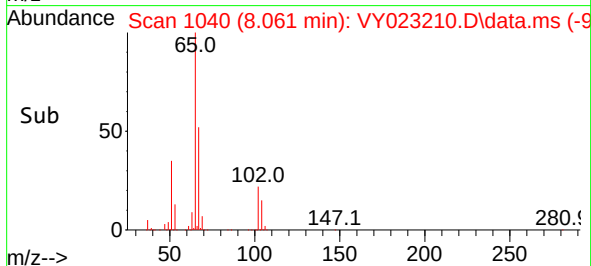
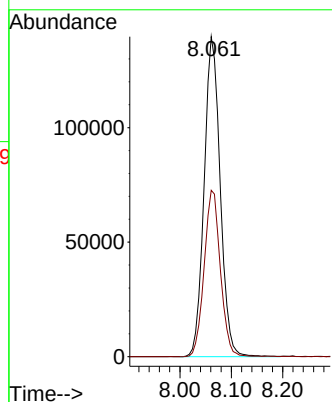
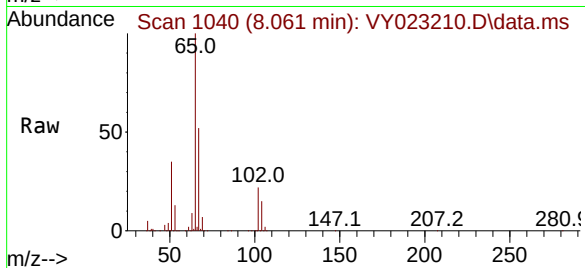
BRIDGE-SOUTH

Tgt Ion: 65 Resp: 303255

Ion Ratio Lower Upper

65 100

67 52.5 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: VY023210.D

Acq: 25 Aug 2025 15:40

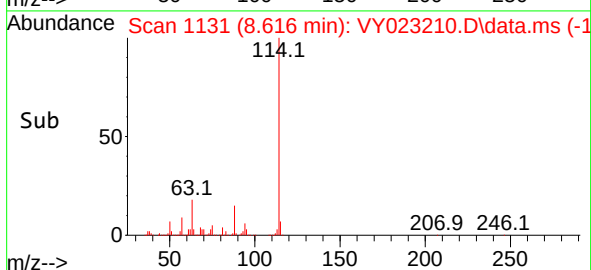
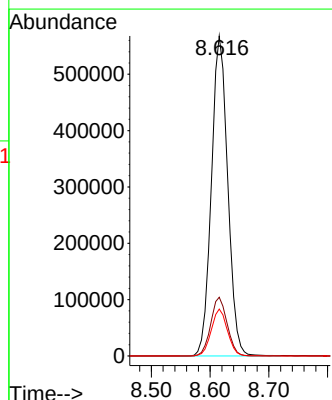
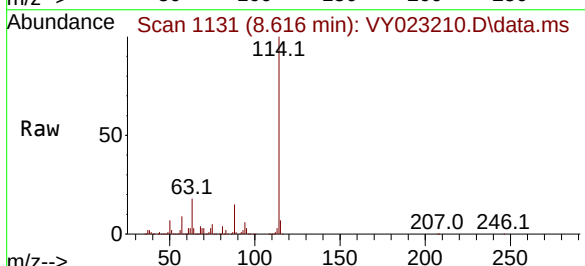
Tgt Ion:114 Resp: 1096549

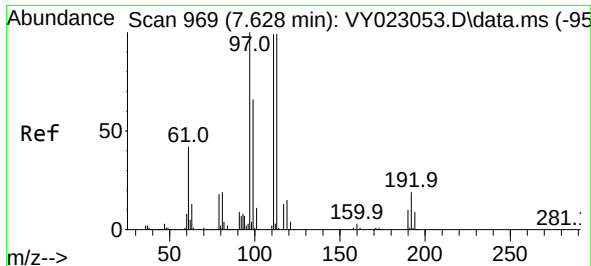
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.7 0.0 30.0

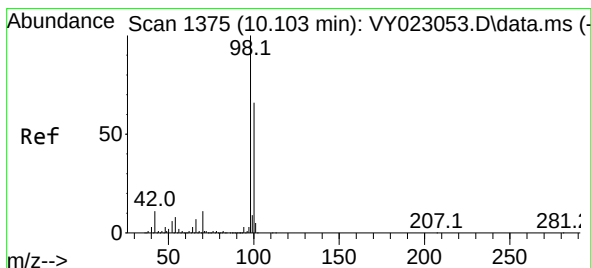
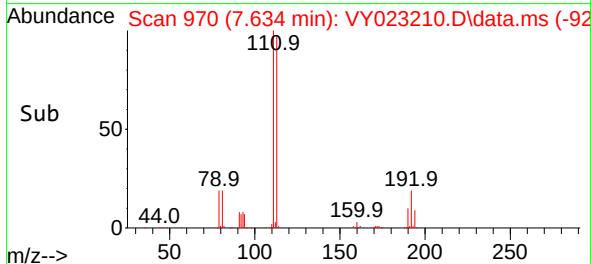
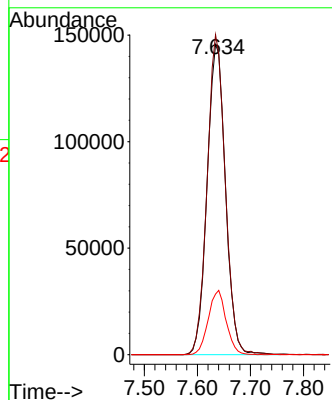
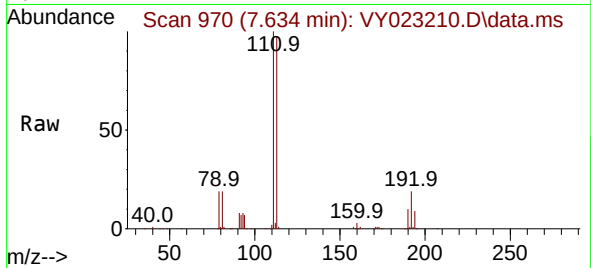




#35
Dibromofluoromethane
Concen: 53.486 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

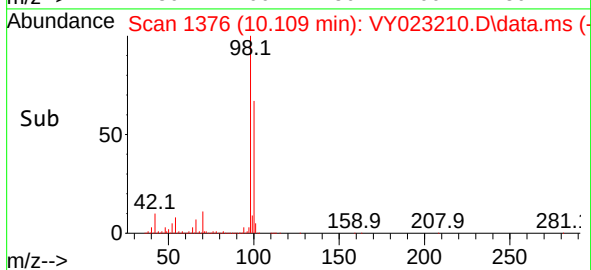
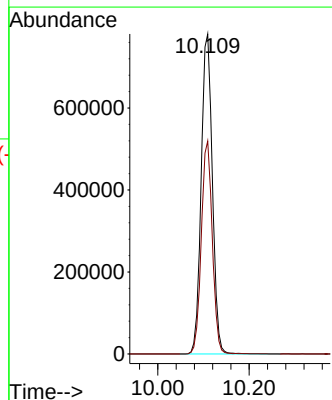
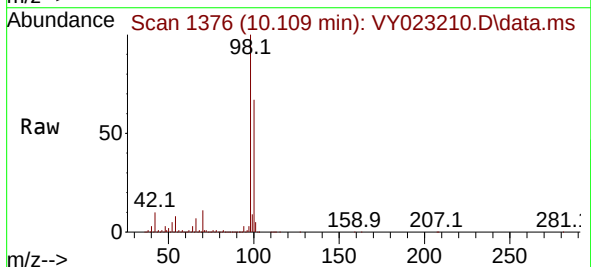
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-SOUTH

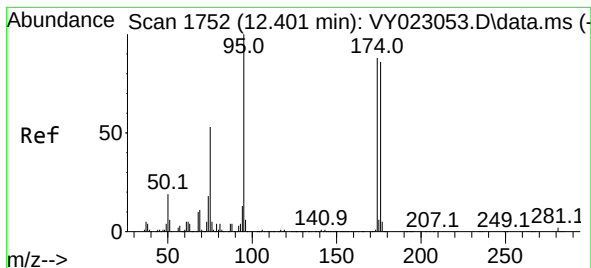
Tgt Ion:113 Resp: 350946
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 20.1 16.2 24.4



#50
Toluene-d8
Concen: 51.480 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

Tgt Ion: 98 Resp: 1319569
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

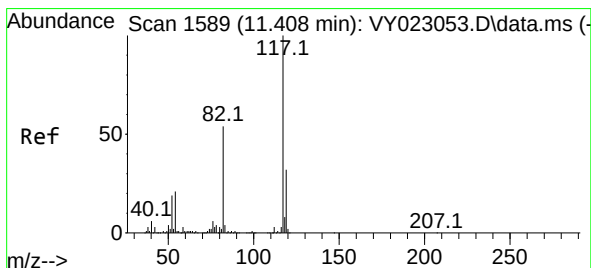
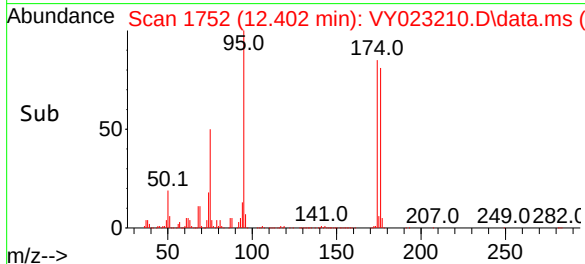
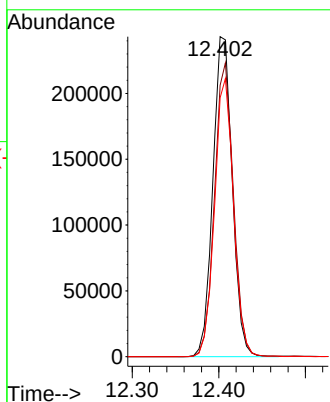
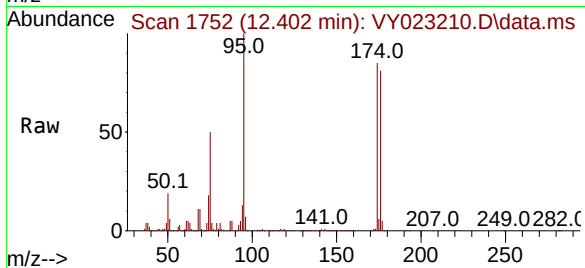




#62
4-Bromofluorobenzene
Concen: 45.874 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

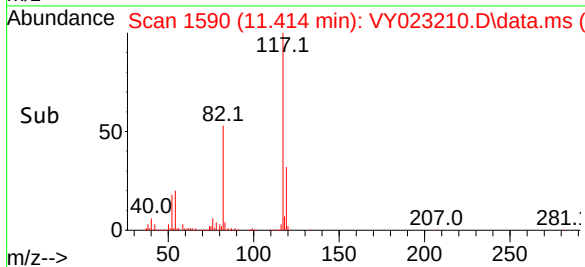
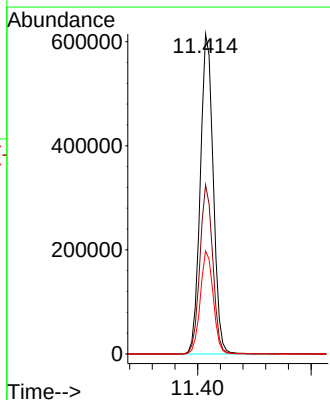
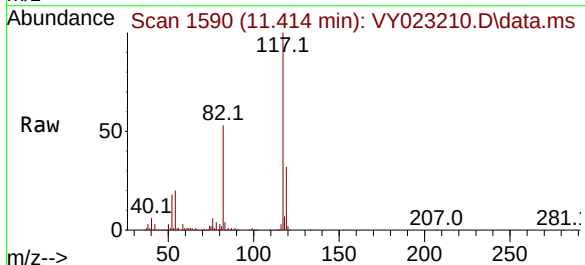
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-SOUTH

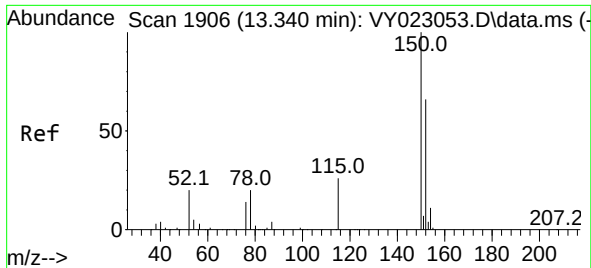
Tgt Ion: 95 Resp: 378157
Ion Ratio Lower Upper
95 100
174 89.8 0.0 171.6
176 85.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023210.D
Acq: 25 Aug 2025 15:40

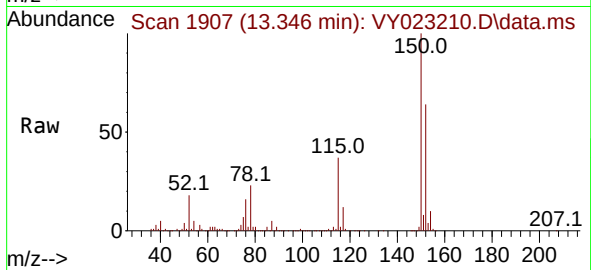
Tgt Ion: 117 Resp: 975088
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY023210.D
 Acq: 25 Aug 2025 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-SOUTH



Tgt Ion:152 Resp: 384055
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.6
 150 156.1 0.0 348.0

