

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046809.D
 Acq On : 23 Jun 2025 11:01
 Operator : JC/MD
 Sample : Q2355-01
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3897

Quant Time: Jun 24 04:02:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

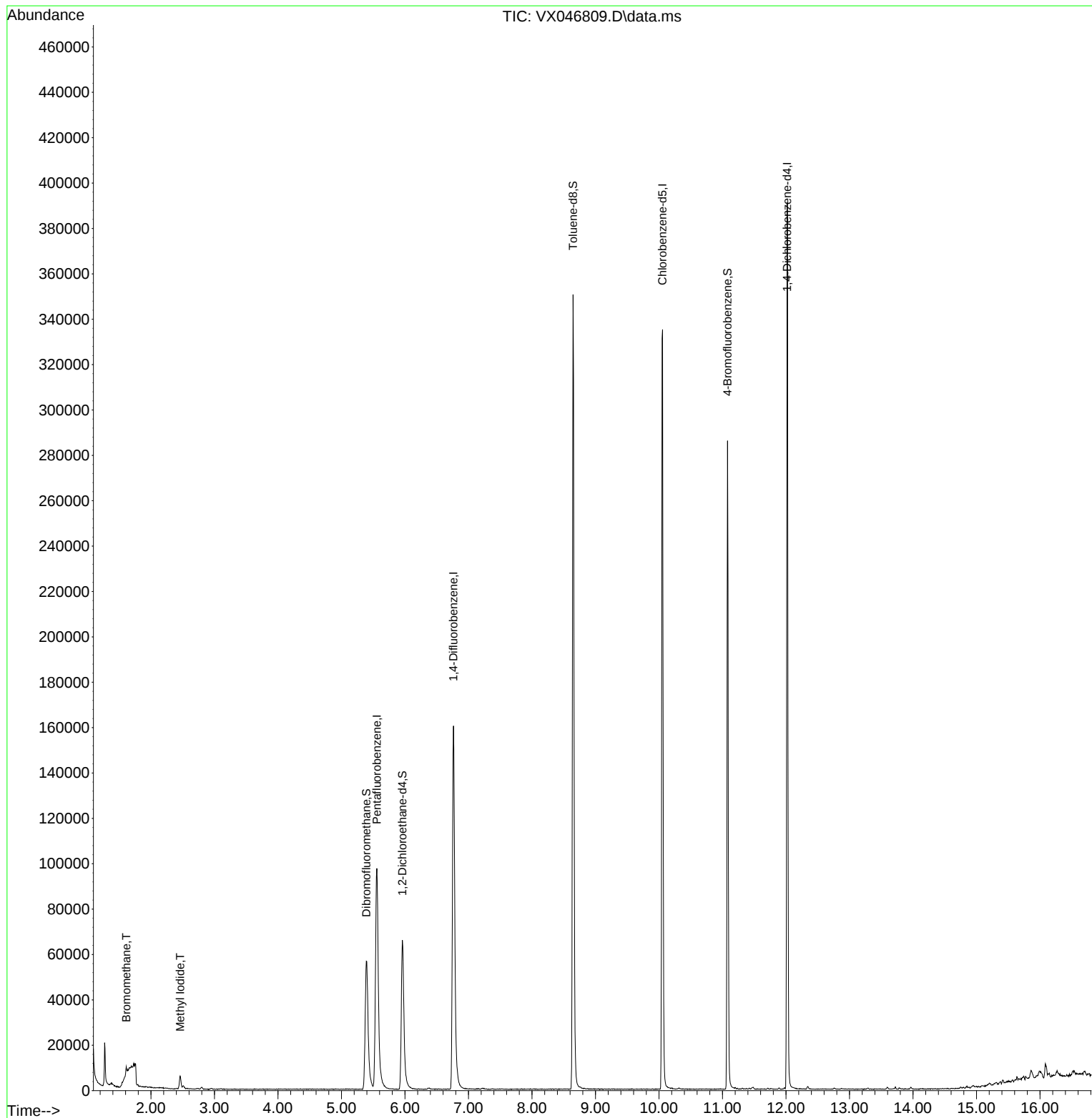
Internal Standards						
1) Pentafluorobenzene	5.556	168	104858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70070	48.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	5.391	113	57671	48.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.647	98	217054	50.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	79651	49.606	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.220%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	1493	2.059	ug/l	91
10) Methyl Iodide	2.459	142	6581	8.334	ug/l	100

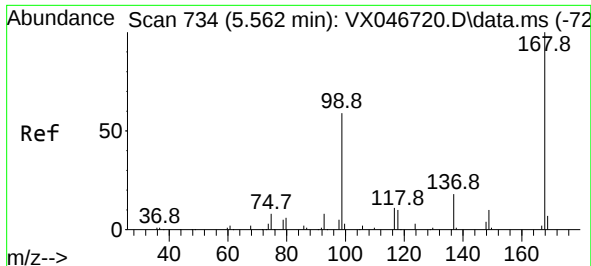
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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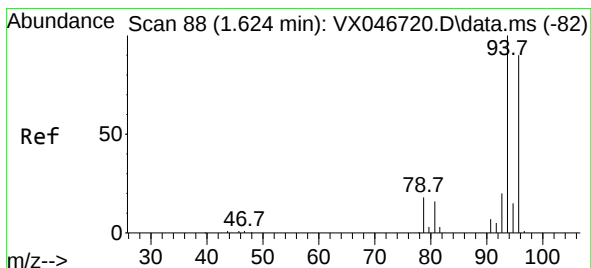
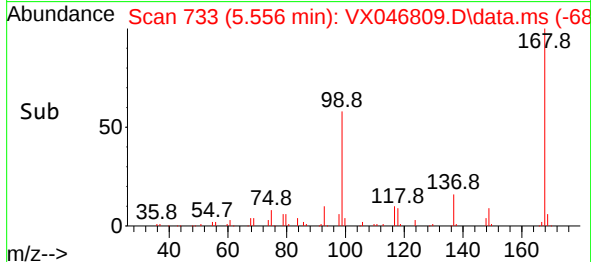
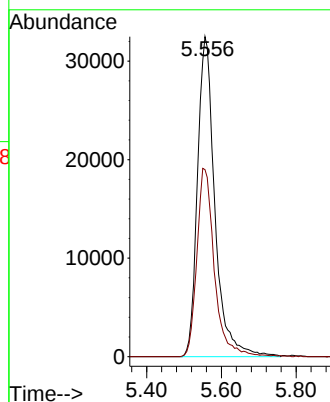
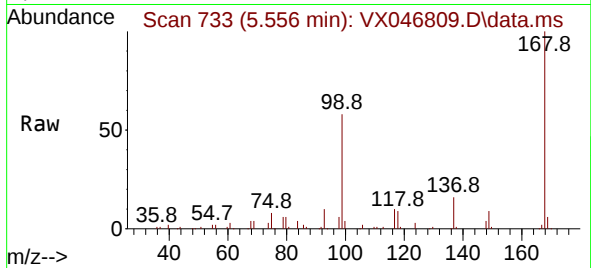




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

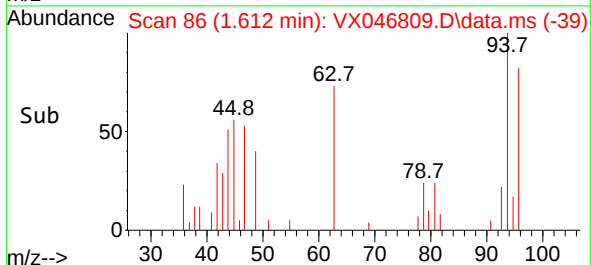
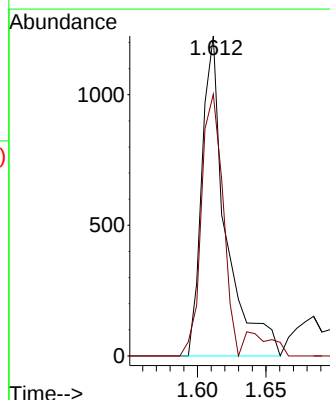
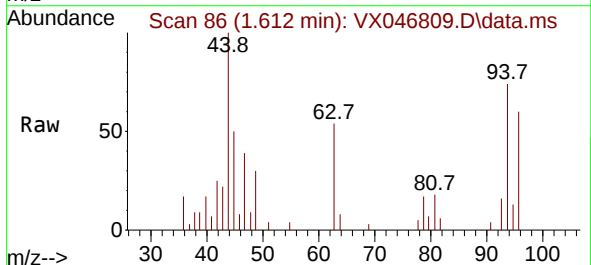
Instrument :
MSVOA_X
ClientSampleId :
3897

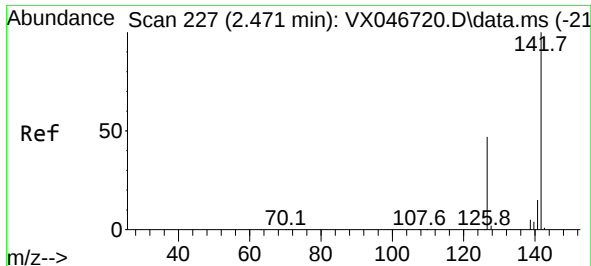
Tgt Ion:168 Resp: 104858
Ion Ratio Lower Upper
168 100
99 58.5 48.5 72.7



#5
Bromomethane
Concen: 2.059 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.012 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

Tgt Ion: 94 Resp: 1493
Ion Ratio Lower Upper
94 100
96 81.8 72.3 108.5

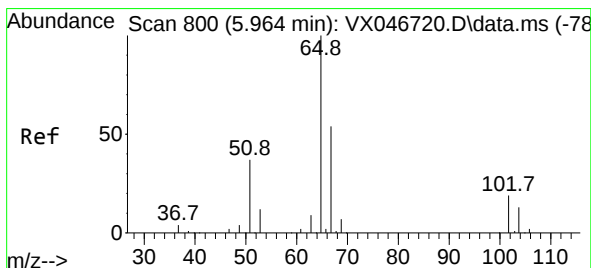
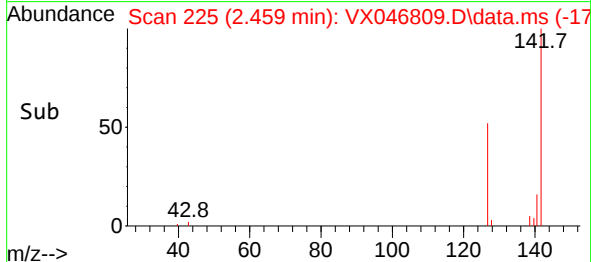
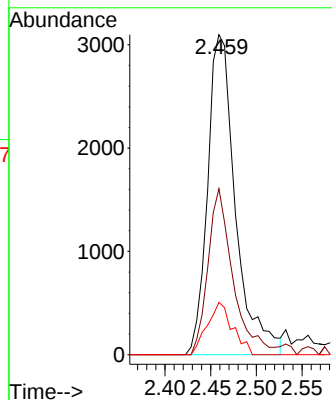
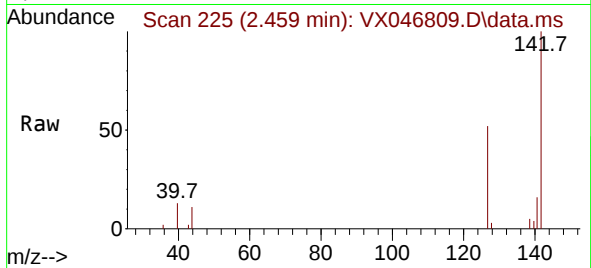




#10
Methyl Iodide
Concen: 8.334 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

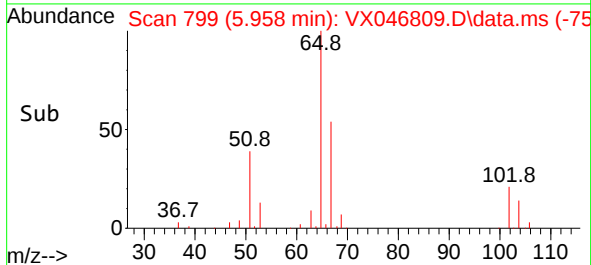
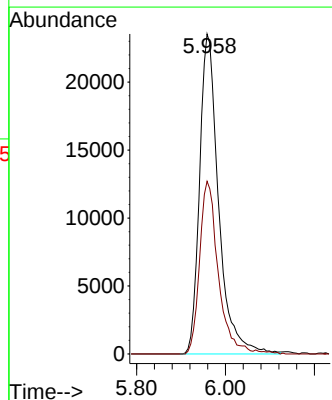
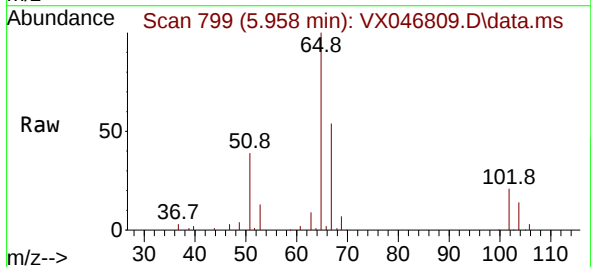
Instrument :
MSVOA_X
ClientSampleId :
3897

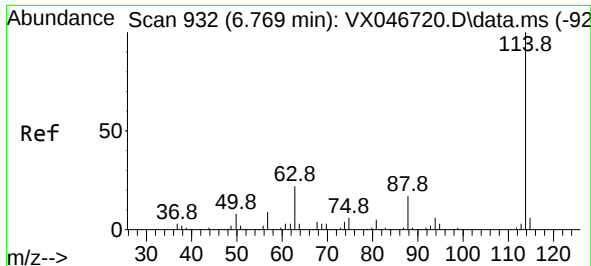
Tgt Ion:142 Resp: 6581
Ion Ratio Lower Upper
142 100
127 46.4 37.0 55.6
141 14.9 11.5 17.3



#33
1,2-Dichloroethane-d4
Concen: 48.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

Tgt Ion: 65 Resp: 70070
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

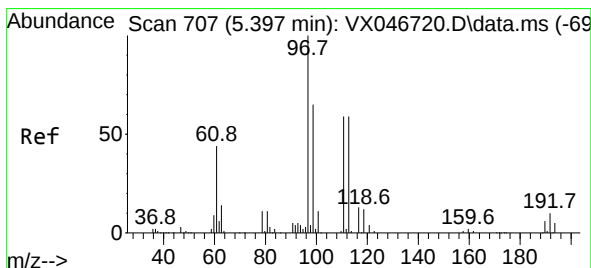
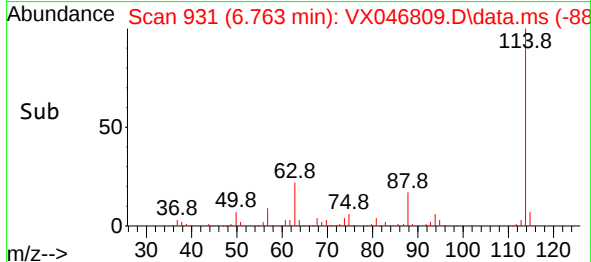
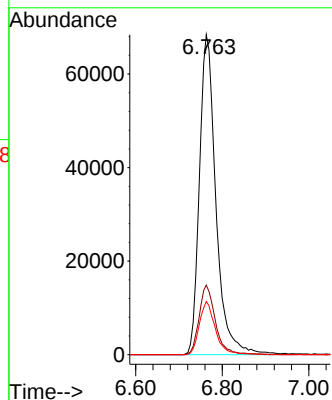
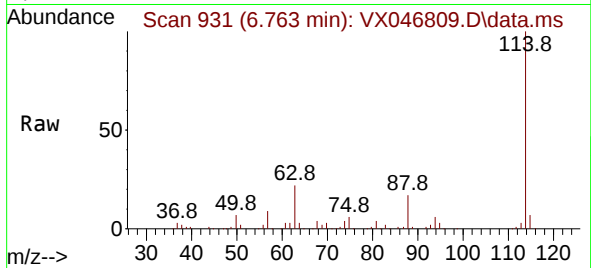




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

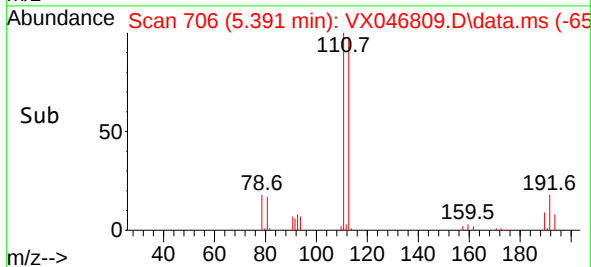
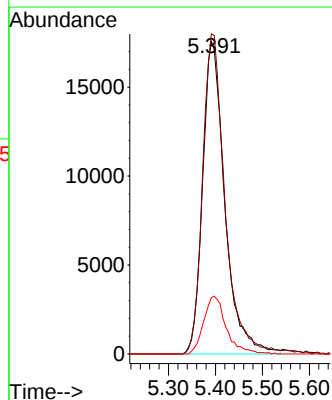
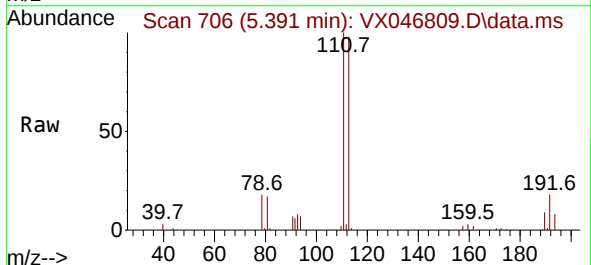
Instrument :
MSVOA_X
ClientSampleId :
3897

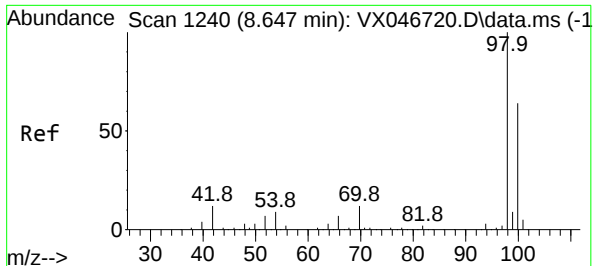
Tgt Ion:114 Resp: 181206
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

Tgt Ion:113 Resp: 57671
Ion Ratio Lower Upper
113 100
111 103.7 82.0 123.0
192 18.7 15.3 22.9





#50

Toluene-d8

Concen: 50.391 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046809.D

Acq: 23 Jun 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

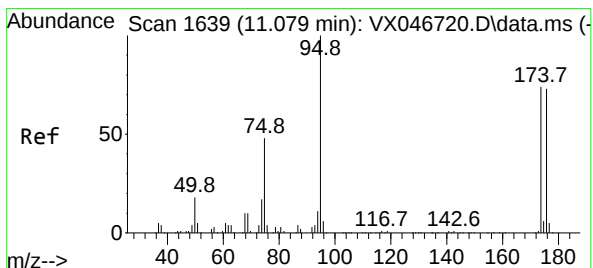
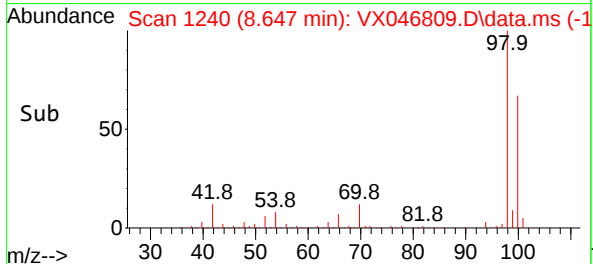
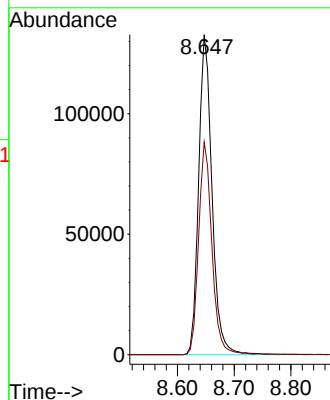
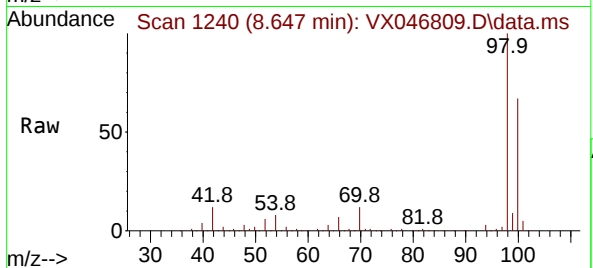
3897

Tgt Ion: 98 Resp: 217054

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.606 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046809.D

Acq: 23 Jun 2025 11:01

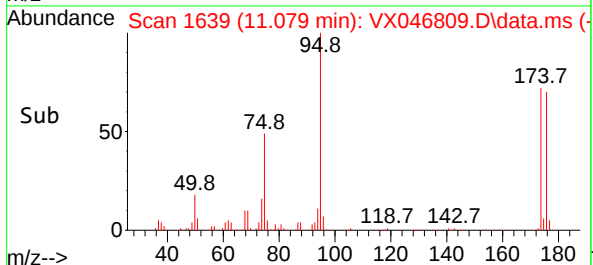
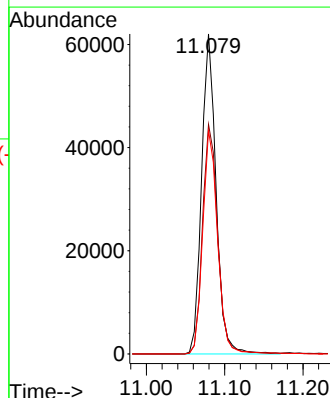
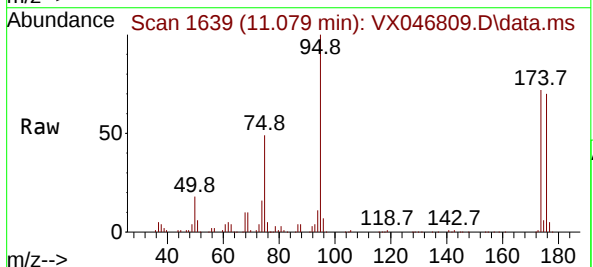
Tgt Ion: 95 Resp: 79651

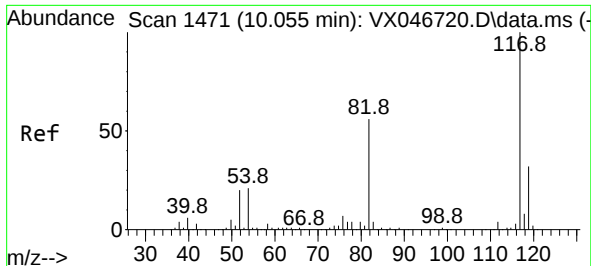
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 72.0 0.0 145.0

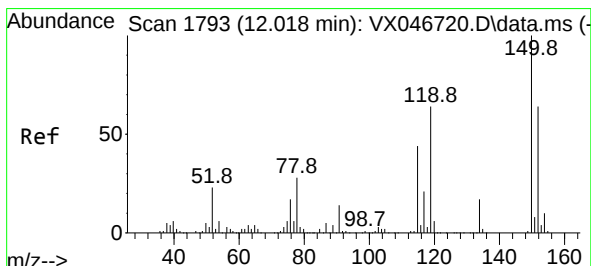
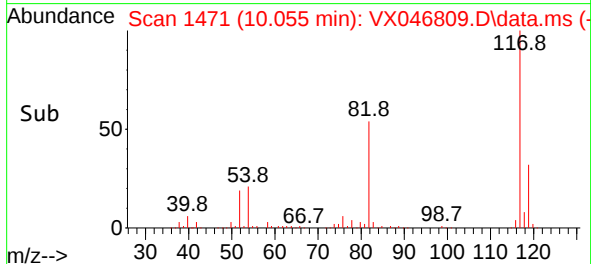
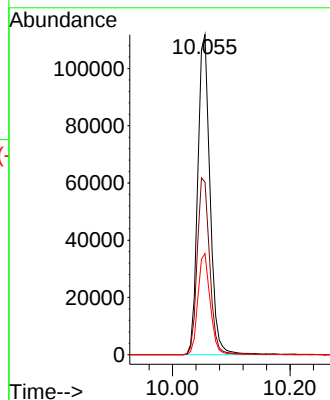
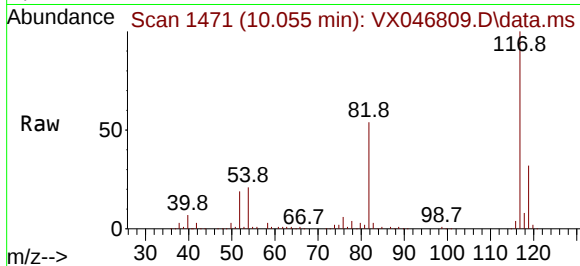




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
3897

Tgt Ion:117 Resp: 162341
Ion Ratio Lower Upper
117 100
82 53.9 44.6 66.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046809.D
Acq: 23 Jun 2025 11:01

Tgt Ion:152 Resp: 79106
Ion Ratio Lower Upper
152 100
115 61.8 43.2 129.6
150 158.8 0.0 346.8

