

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046817.D
 Acq On : 23 Jun 2025 14:07
 Operator : JC/MD
 Sample : Q2371-06 40X
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBUFF1

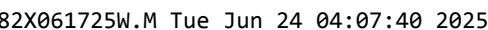
Quant Time: Jun 24 04:07:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

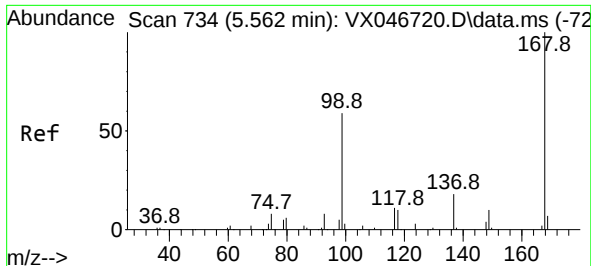
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	129569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	87320	48.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	5.397	113	71318	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.653	98	268754	50.119	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	103395	51.726	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	258	0.288	ug/l #	66
6) Chloroethane	1.697	64	333	0.345	ug/l #	41
10) Methyl Iodide	2.483	142	415	4.538	ug/l #	66
16) Acetone	2.386	43	256	0.428	ug/l #	44
31) Cyclohexane	5.562	56	2672	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	9845	4.569	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12961	5.543	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	51646	27.095	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	51646	76.585	ug/l #	7

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

Quant Time: Jun 24 04:07:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
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Response via : Initial Calibration

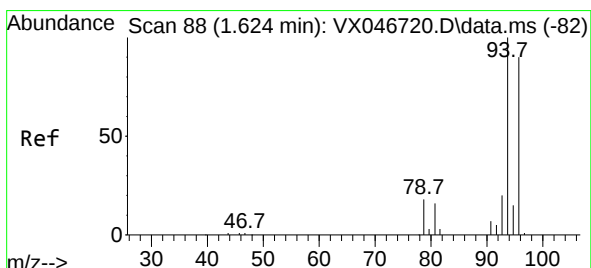
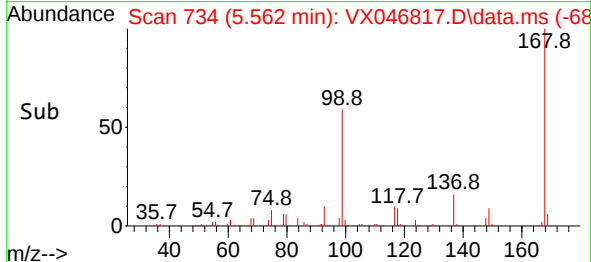
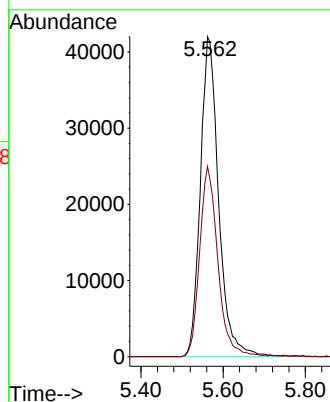
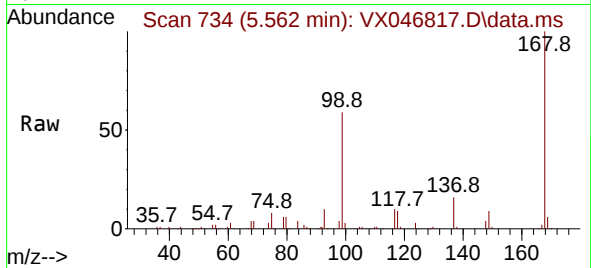




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

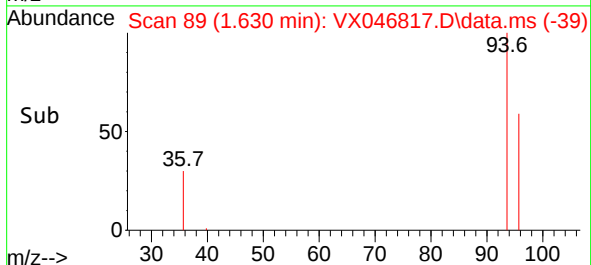
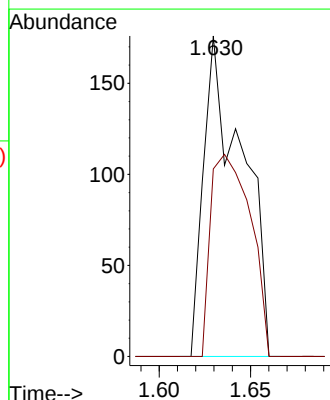
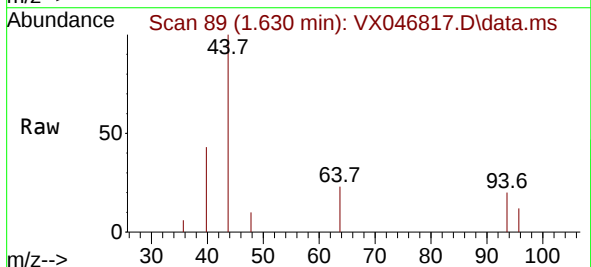
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

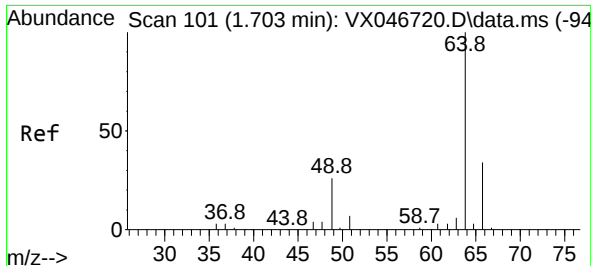
Tgt Ion:168 Resp: 129569
Ion Ratio Lower Upper
168 100
99 59.5 48.5 72.7



#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 58.5 72.3 108.5#

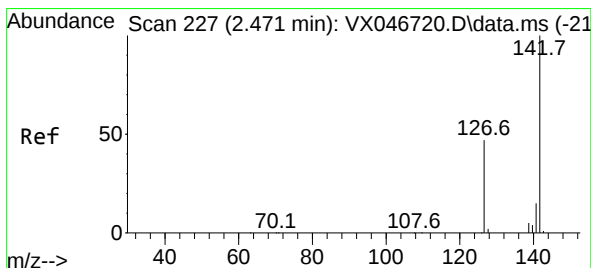
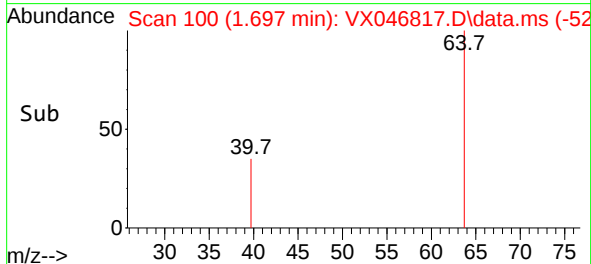
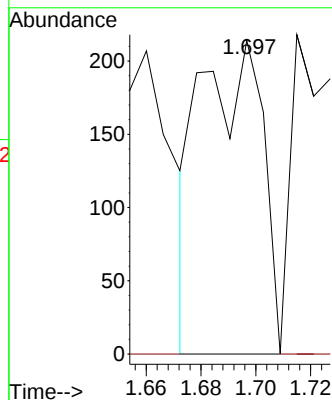
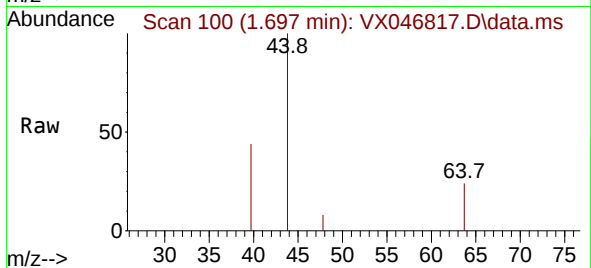




#6
Chloroethane
Concen: 0.345 ug/l
RT: 1.697 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

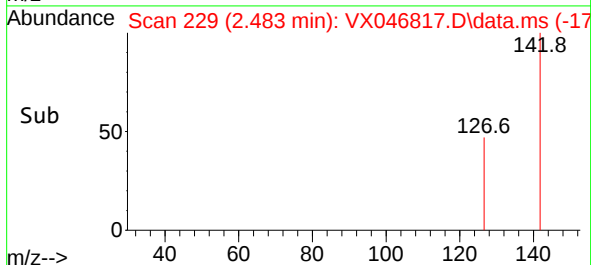
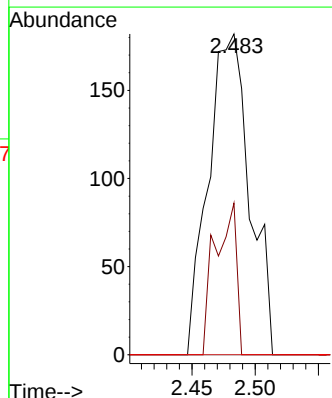
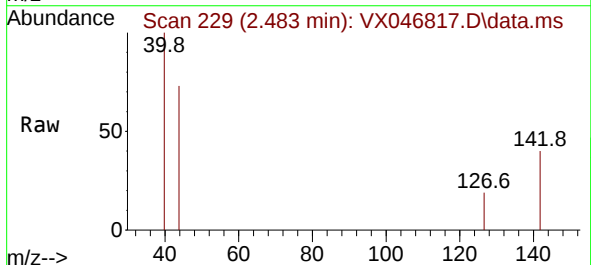
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

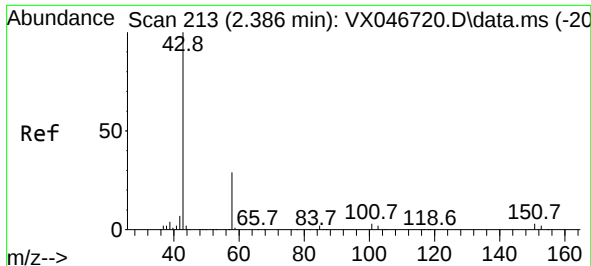
Tgt Ion: 64 Resp: 333
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.538 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 142 Resp: 415
Ion Ratio Lower Upper
142 100
127 24.3 37.0 55.6#
141 0.0 11.5 17.3#

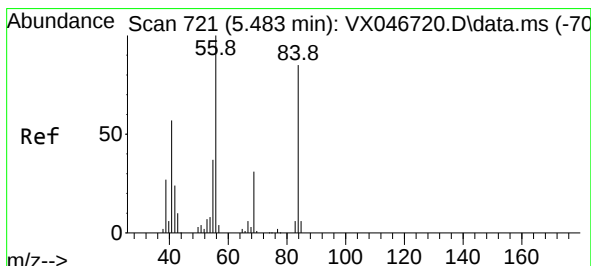
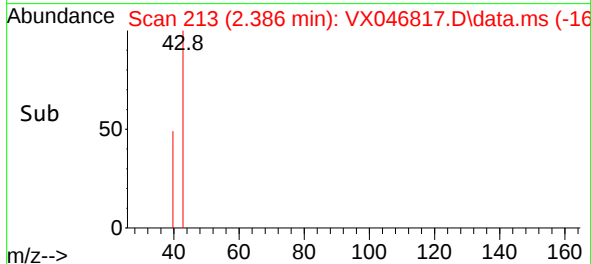
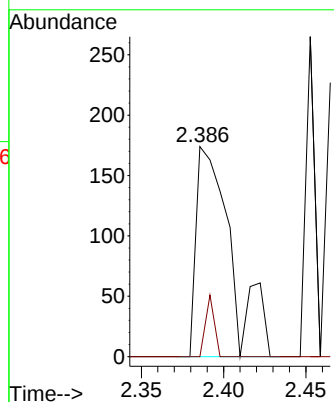
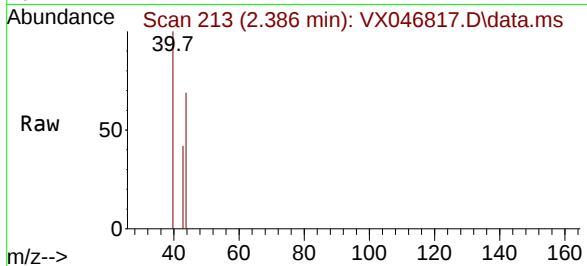




#16
Acetone
Concen: 0.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

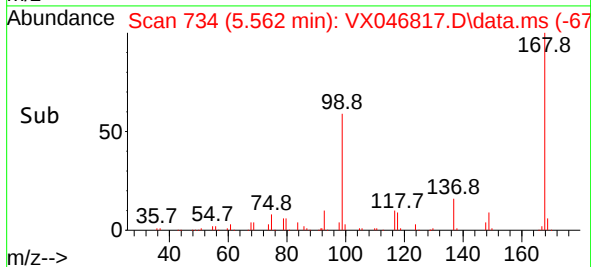
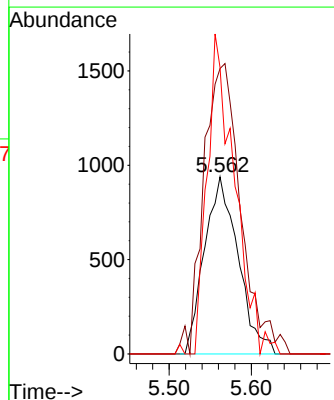
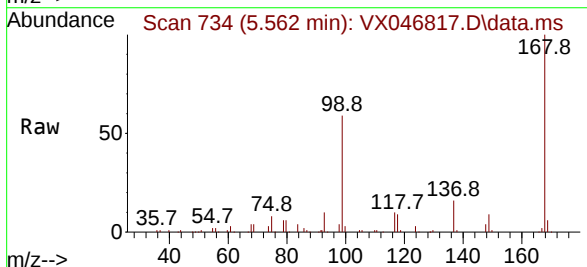
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

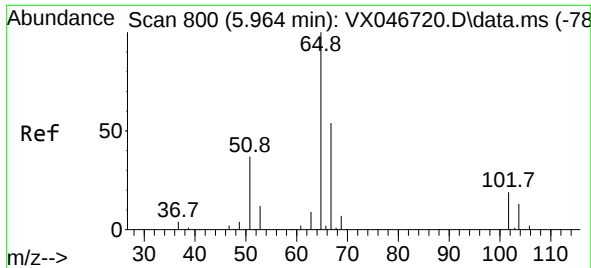
Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 56 Resp: 2672
Ion Ratio Lower Upper
56 100
69 155.4 24.8 37.2#
84 161.7 68.2 102.2#

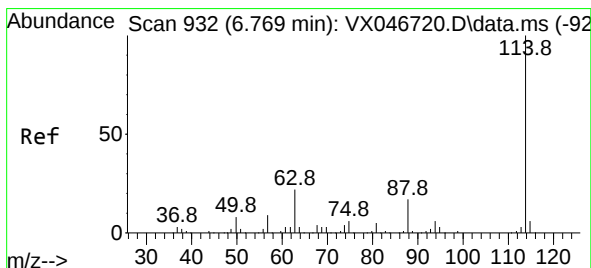
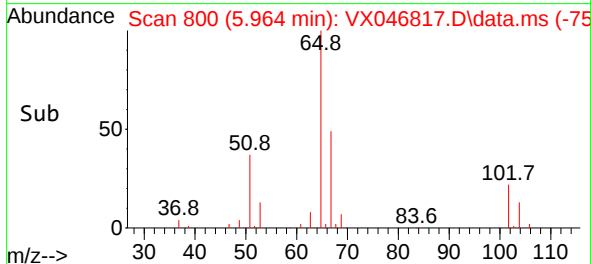
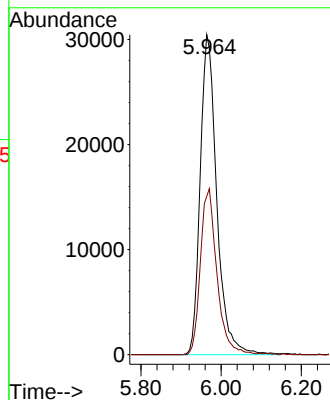
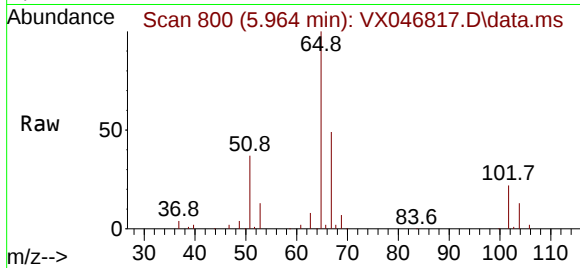




#33
 1,2-Dichloroethane-d4
 Concen: 48.723 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046817.D
 Acq: 23 Jun 2025 14:07

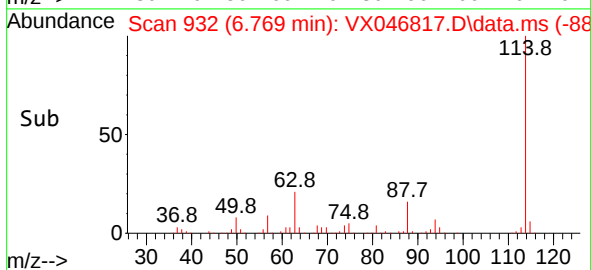
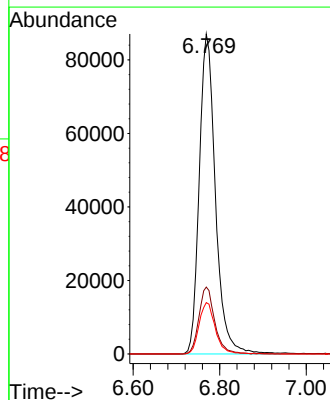
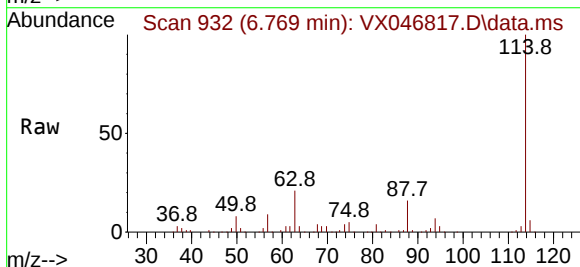
Instrument :
 MSVOA_X
 ClientSampleId :
 GBUFF1

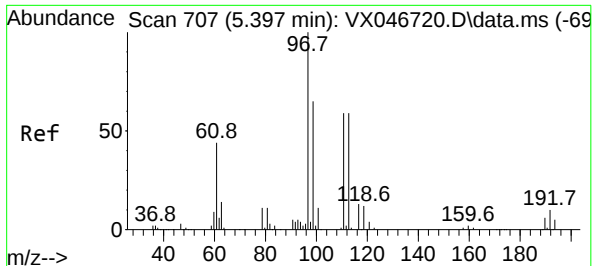
Tgt Ion: 65 Resp: 87320
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046817.D
 Acq: 23 Jun 2025 14:07

Tgt Ion: 114 Resp: 225583
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.0 0.0 33.2

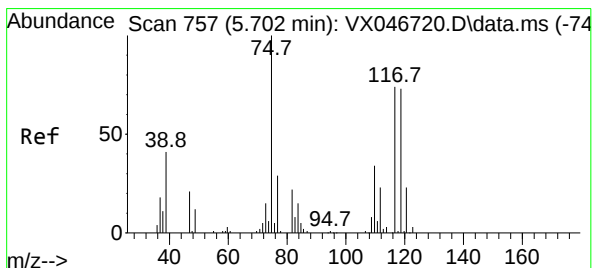
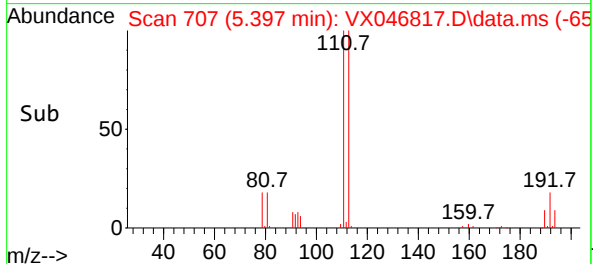
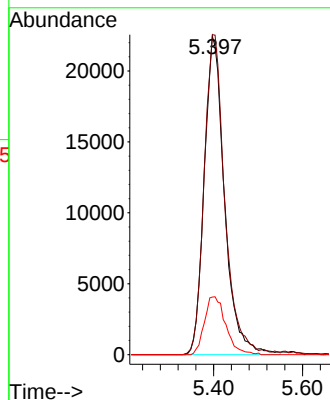
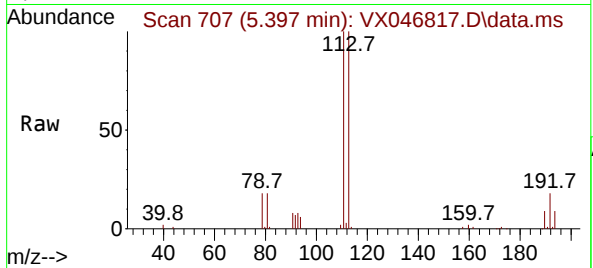




#35
Dibromofluoromethane
Concen: 47.783 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

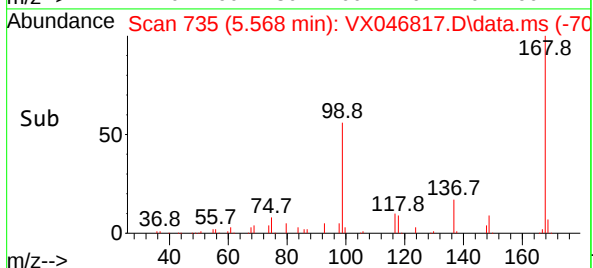
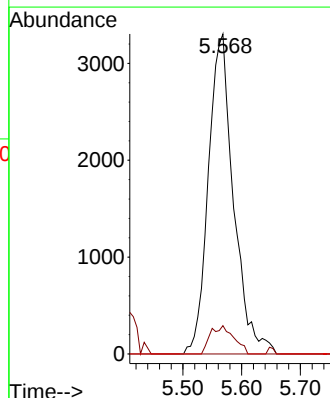
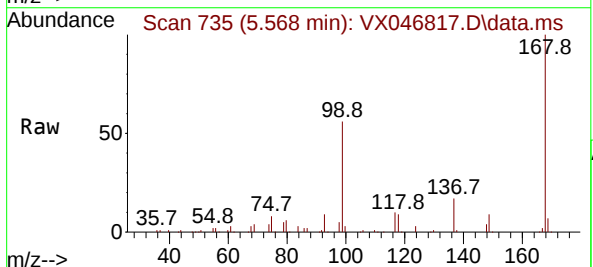
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

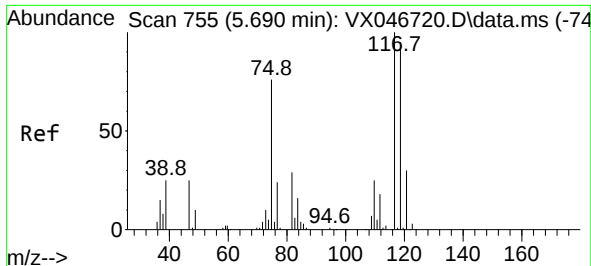
Tgt Ion:113 Resp: 71318
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

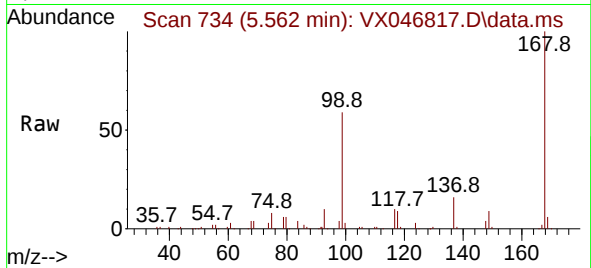
Tgt Ion: 75 Resp: 9845
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.5#
77 0.0 24.2 36.4#



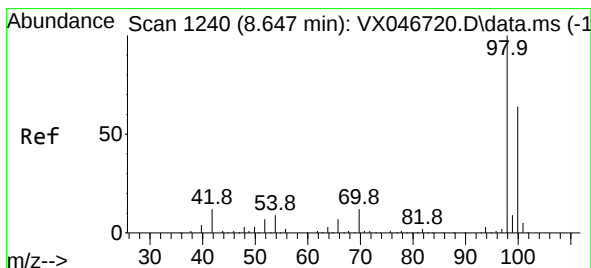
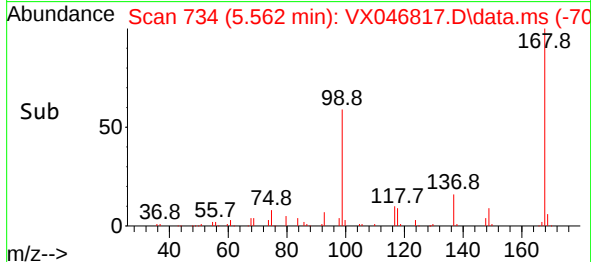
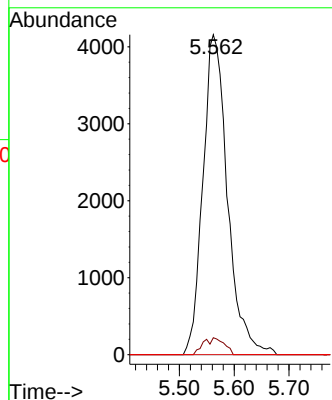


#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

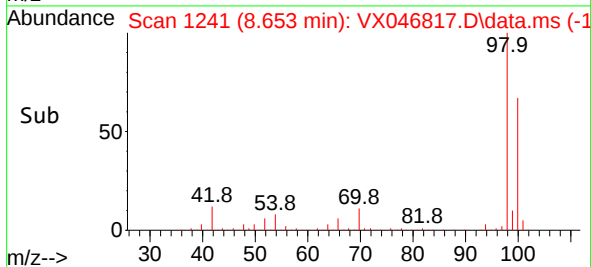
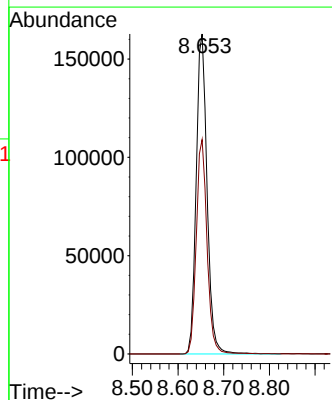
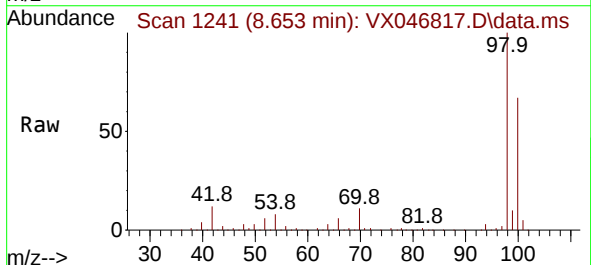


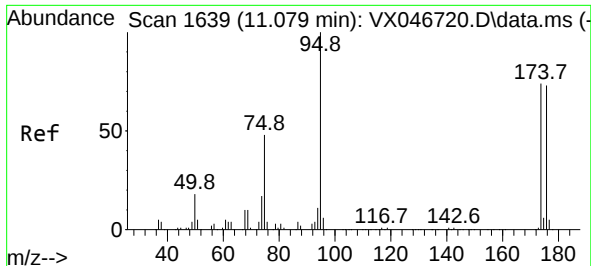
Tgt Ion:117 Resp: 12961
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.119 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 98 Resp: 268754
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

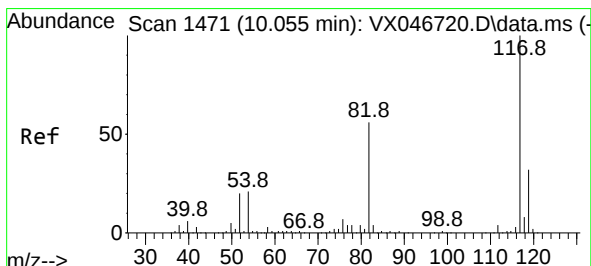
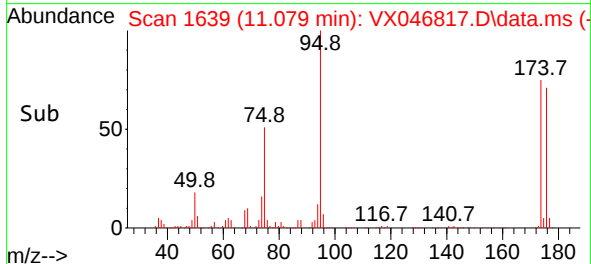
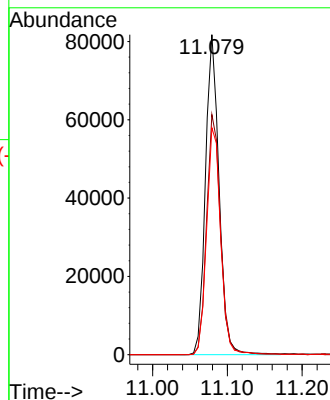
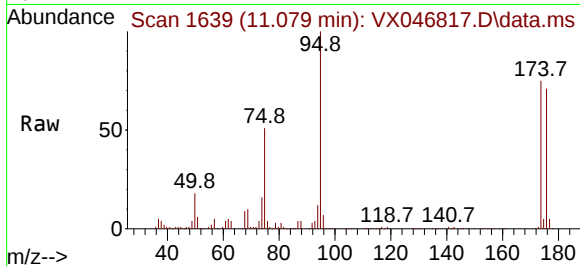




#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

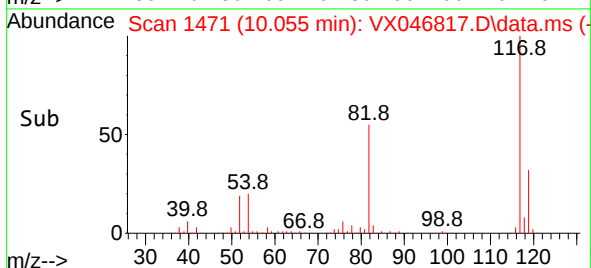
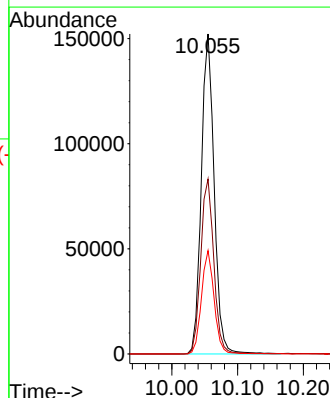
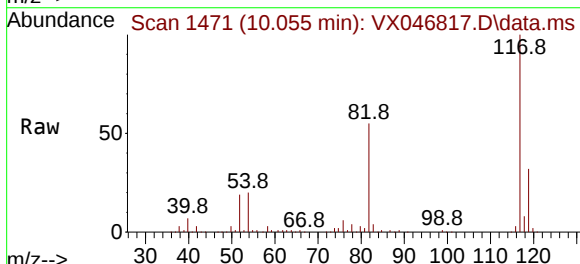
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

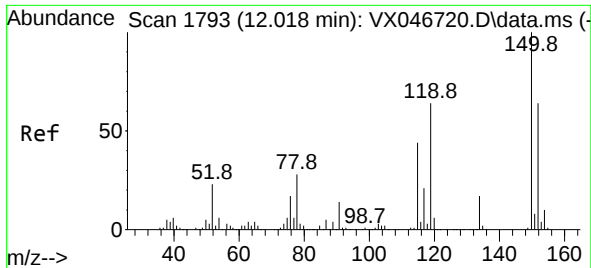
Tgt Ion: 95 Resp: 103395
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.4
176 73.3 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 117 Resp: 206517
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.3 25.8 38.8

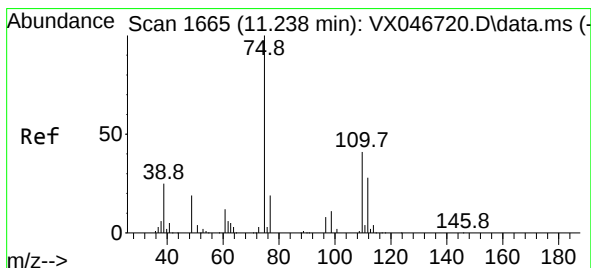
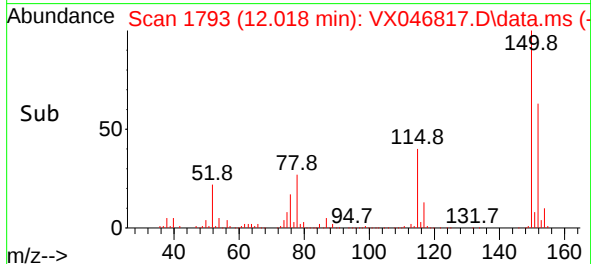
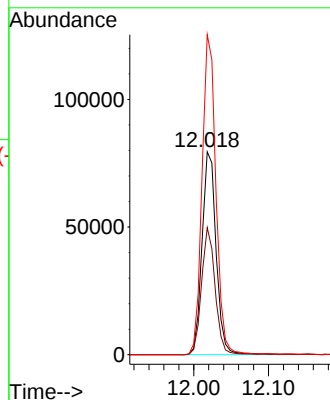
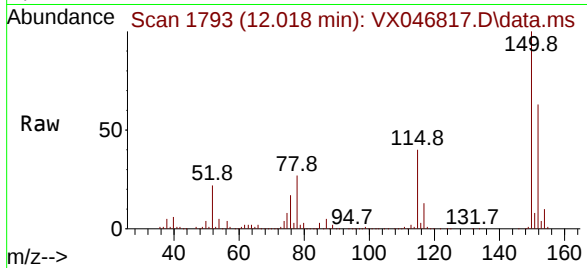




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

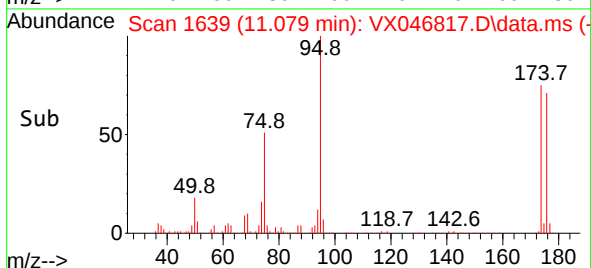
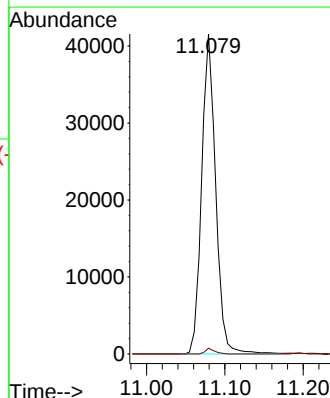
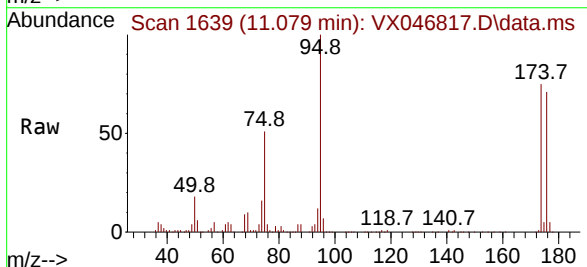
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

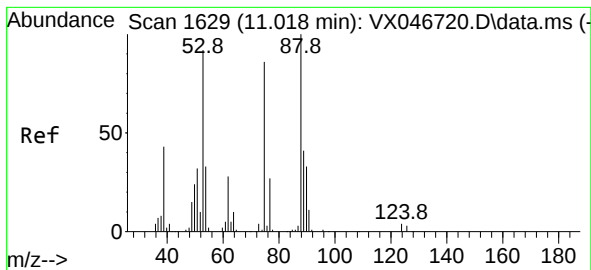
Tgt Ion:152 Resp: 104074
Ion Ratio Lower Upper
152 100
115 60.2 43.2 129.6
150 154.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046817.D
Acq: 23 Jun 2025 14:07

Tgt Ion: 75 Resp: 51646
Ion Ratio Lower Upper
75 100
77 1.2 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.585 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046817.D
 Acq: 23 Jun 2025 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 GBUFF1

Tgt Ion: 75 Resp: 51646
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

