

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046821.D
 Acq On : 23 Jun 2025 15:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:08:57 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)

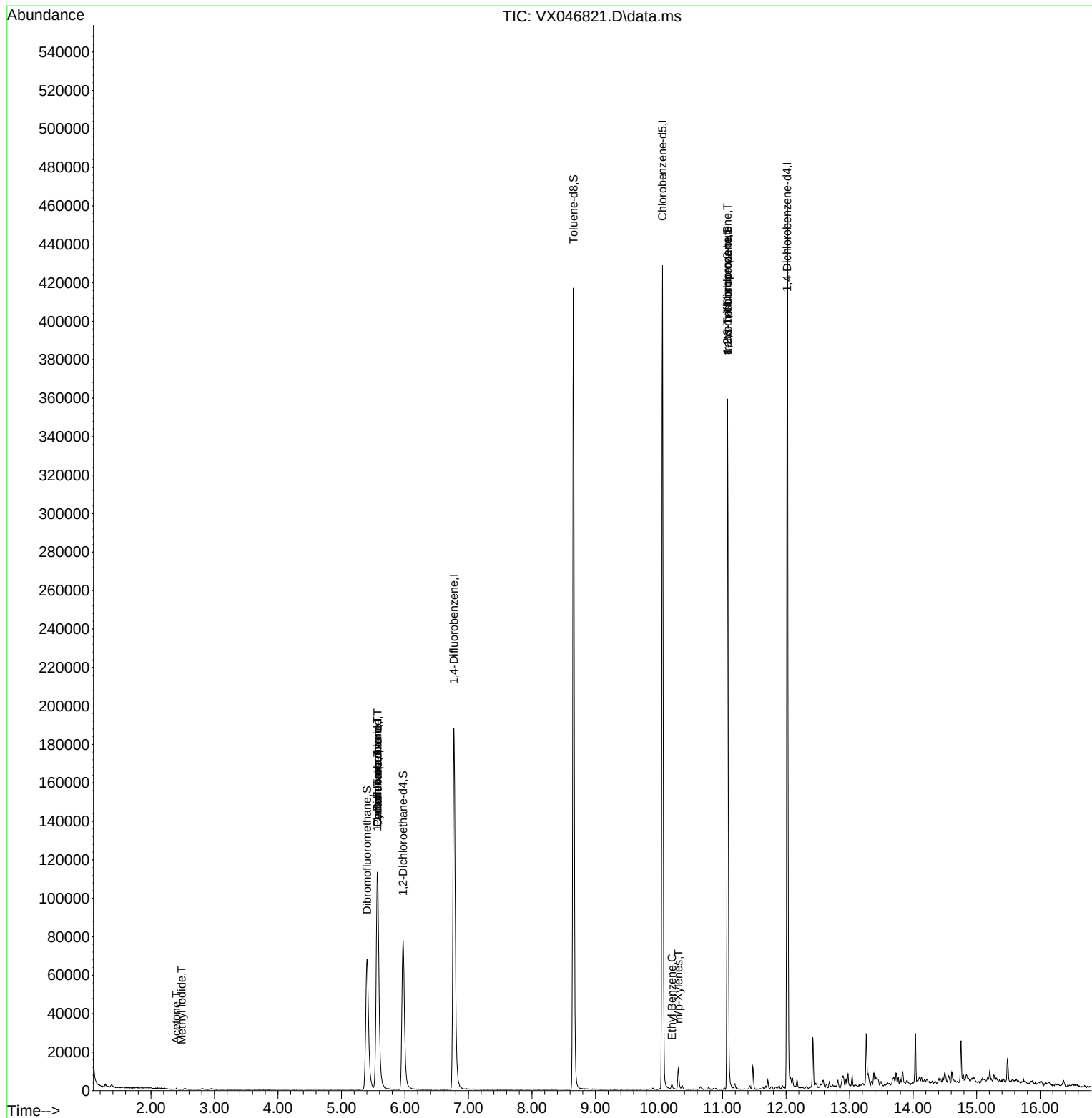
Internal Standards						
1) Pentafluorobenzene	5.568	168	118231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81217	49.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	5.403	113	66042	47.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.653	98	249474	50.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	97132	52.691	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.380%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	20	4.344	ug/l #	38
16) Acetone	2.398	43	295	0.541	ug/l #	68
31) Cyclohexane	5.568	56	2480	1.013	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9318	4.690	ug/l #	50
38) Carbon Tetrachloride	5.568	117	12315	5.711	ug/l #	17
67) Ethyl Benzene	10.201	91	1896	0.253	ug/l	99
68) m/p-Xylenes	10.305	106	2951	1.055	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	48590	27.327	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48590	77.242	ug/l #	7

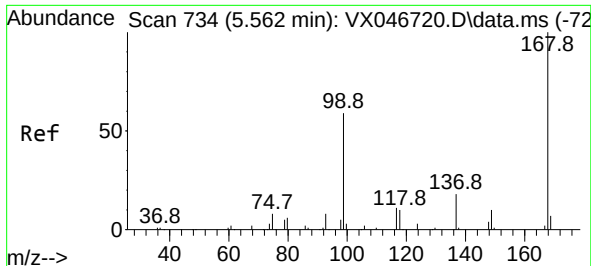
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
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IBLK

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QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

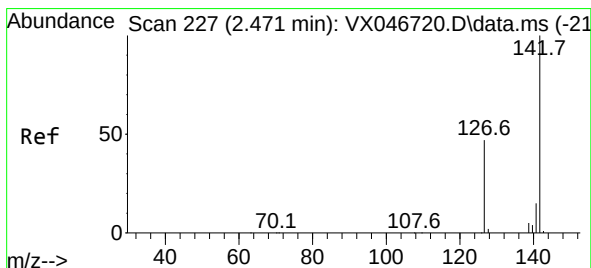
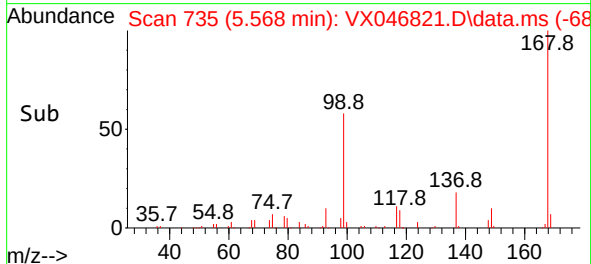
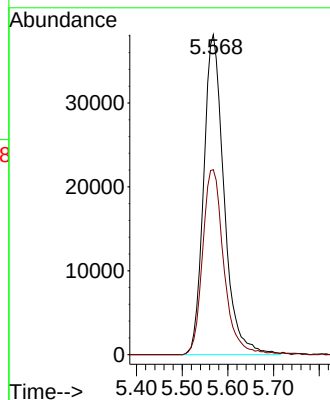
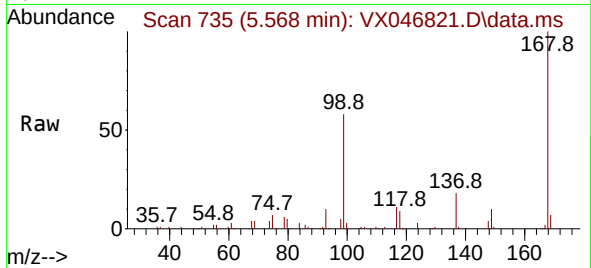




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

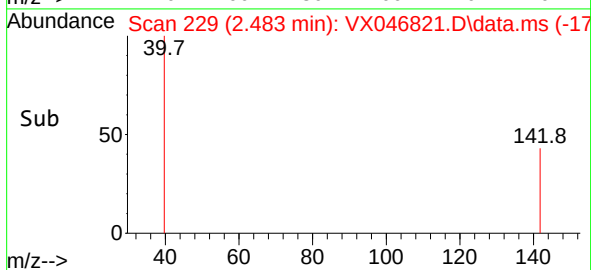
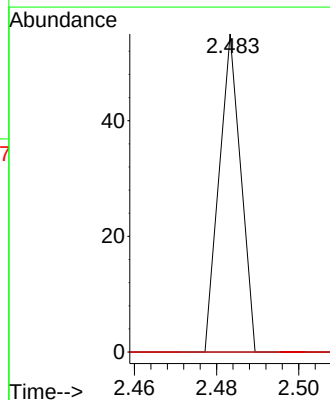
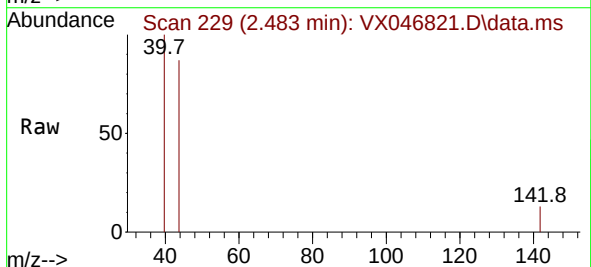
Instrument :
MSVOA_X
ClientSampleId :
IBLK

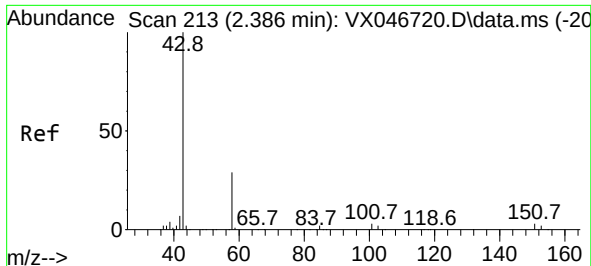
Tgt Ion:168 Resp: 118231
Ion Ratio Lower Upper
168 100
99 57.8 48.5 72.7



#10
Methyl Iodide
Concen: 4.344 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

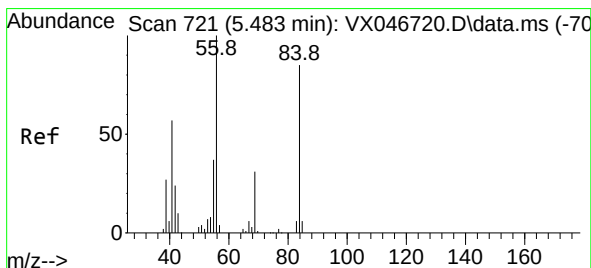
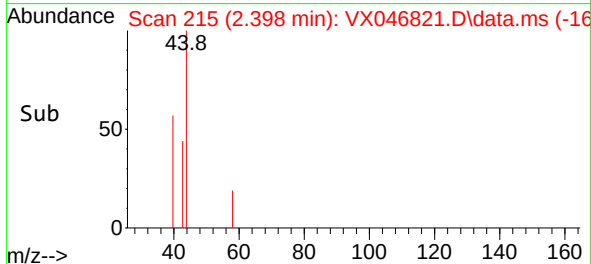
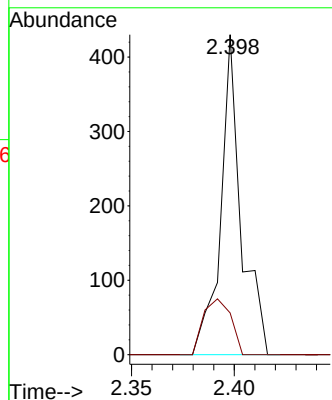
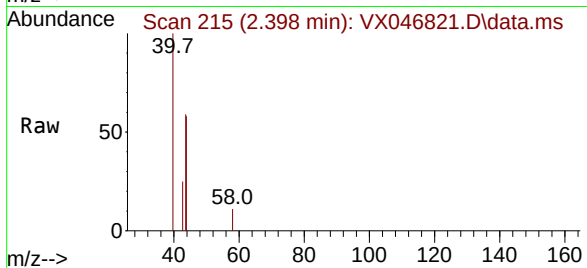




#16
Acetone
Concen: 0.541 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

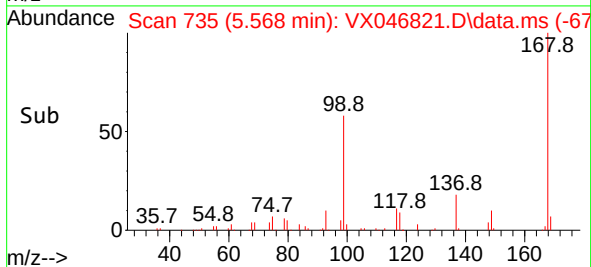
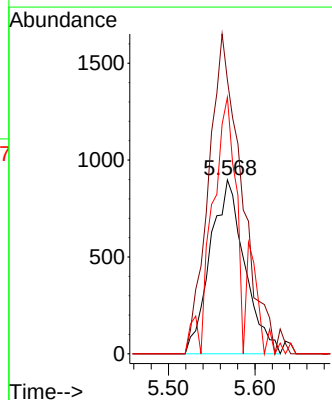
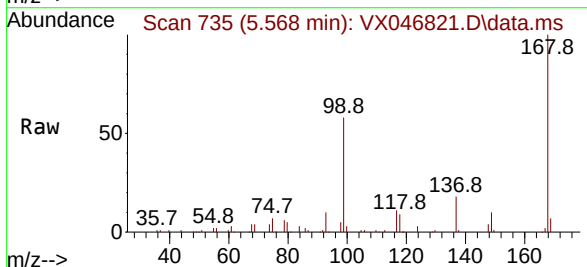
Instrument :
MSVOA_X
ClientSampleId :
IBLK

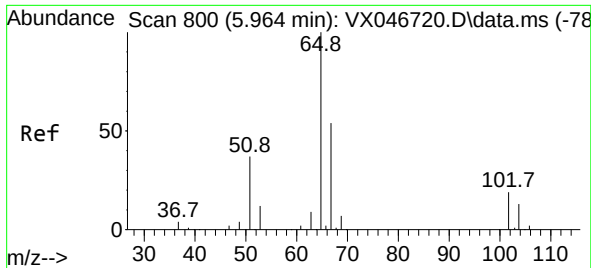
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 13.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion: 56 Resp: 2480
Ion Ratio Lower Upper
56 100
69 157.3 24.8 37.2#
84 147.4 68.2 102.2#

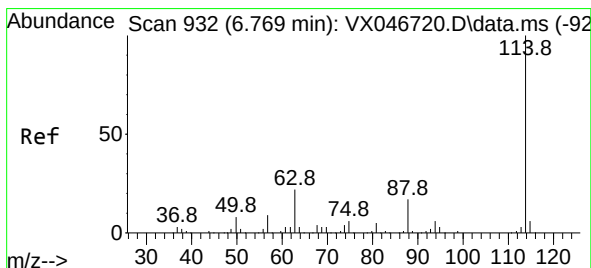
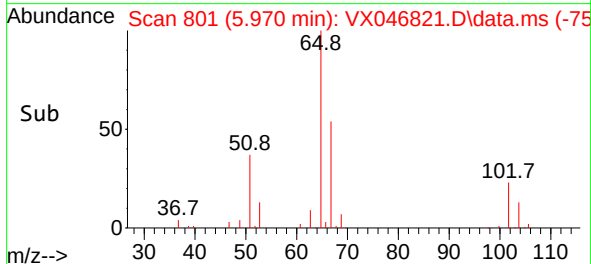
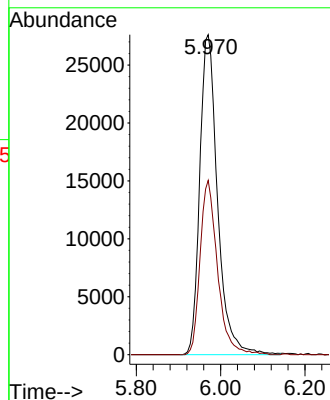
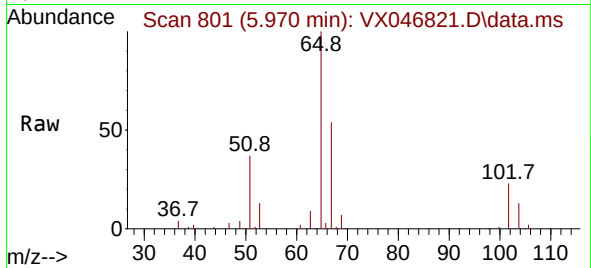




#33
 1,2-Dichloroethane-d4
 Concen: 49.664 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX046821.D
 Acq: 23 Jun 2025 15:33

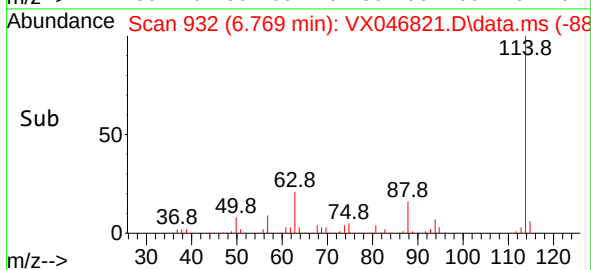
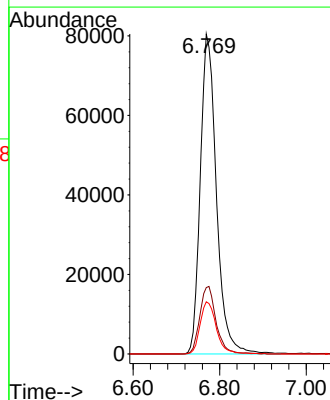
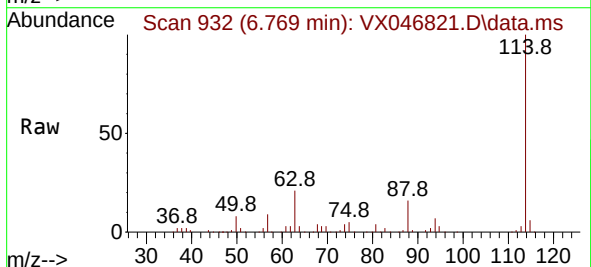
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

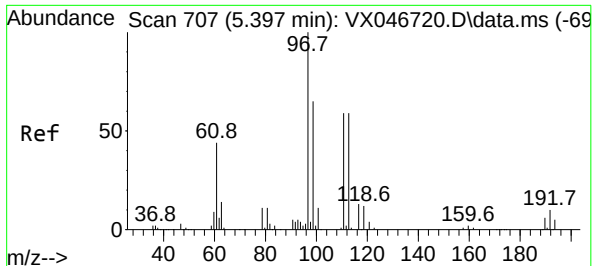
Tgt Ion: 65 Resp: 81217
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046821.D
 Acq: 23 Jun 2025 15:33

Tgt Ion: 114 Resp: 208041
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.2
 88 16.3 0.0 33.2

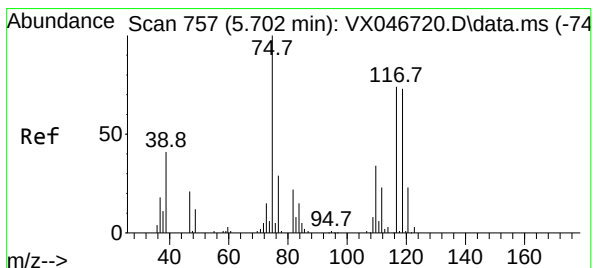
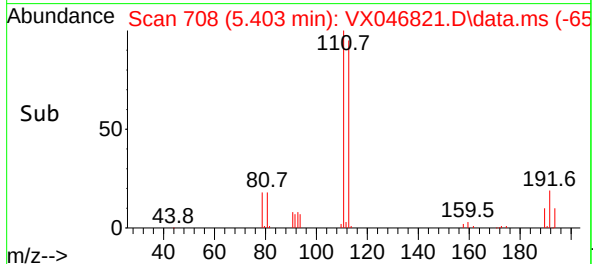
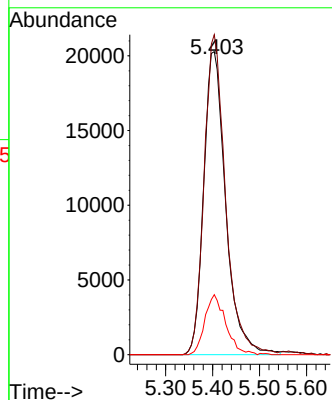
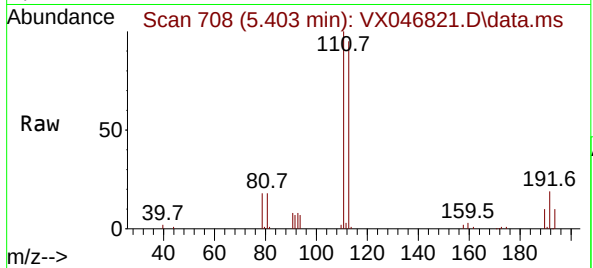




#35
Dibromofluoromethane
Concen: 47.979 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

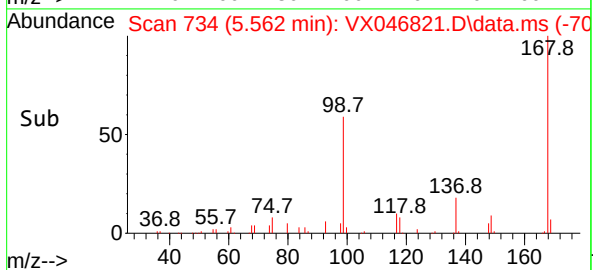
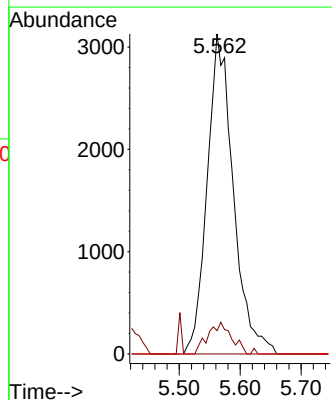
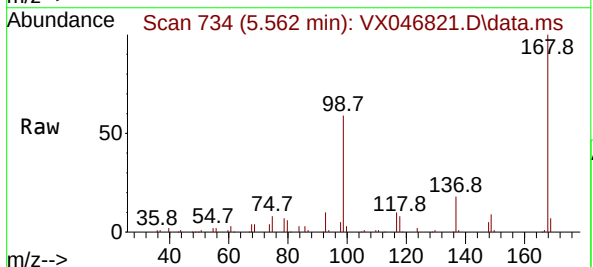
Instrument :
MSVOA_X
ClientSampleId :
IBLK

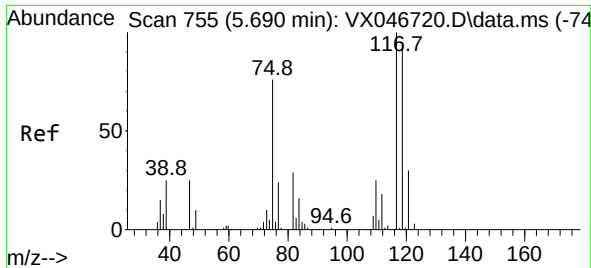
Tgt Ion:113 Resp: 66042
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

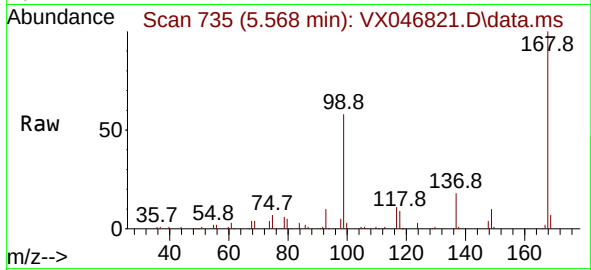
Tgt Ion: 75 Resp: 9318
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.5#
77 0.0 24.2 36.4#



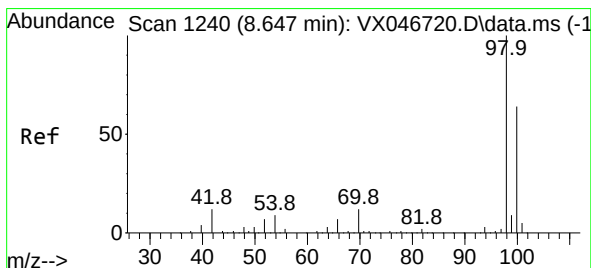
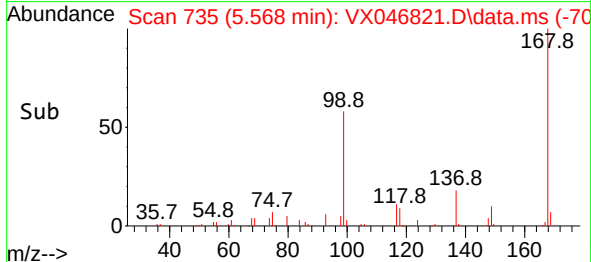
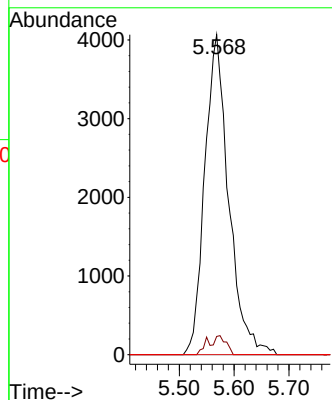


#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

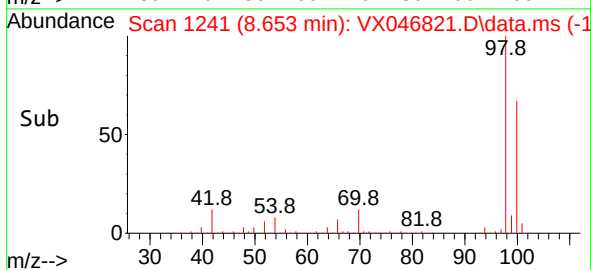
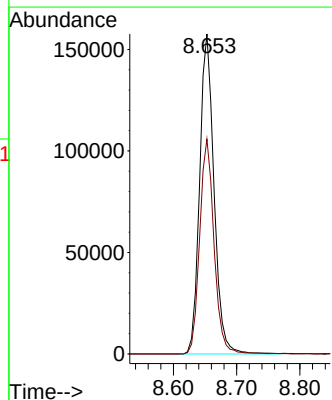
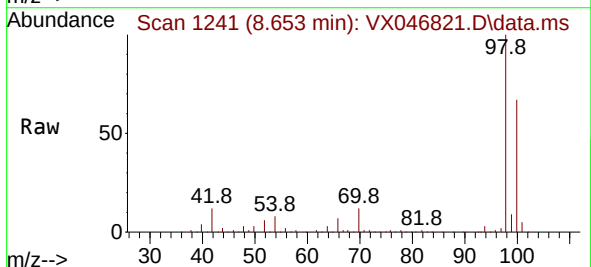


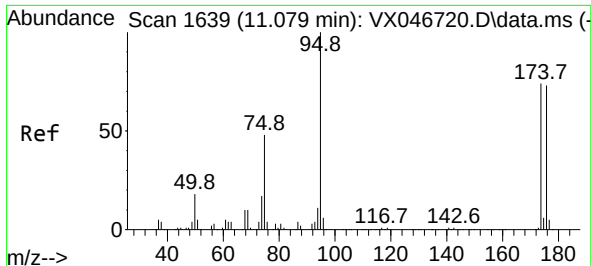
Tgt Ion:117 Resp: 12315
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion: 98 Resp: 249474
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

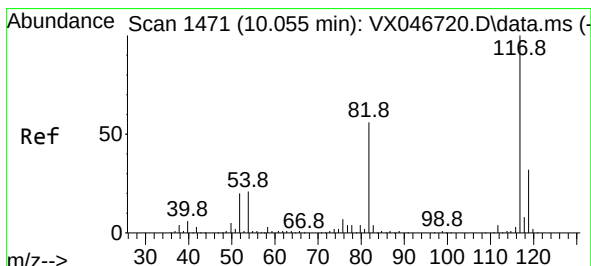
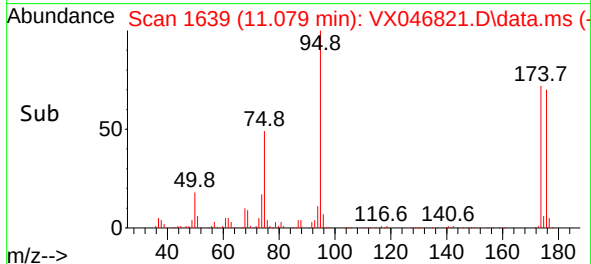
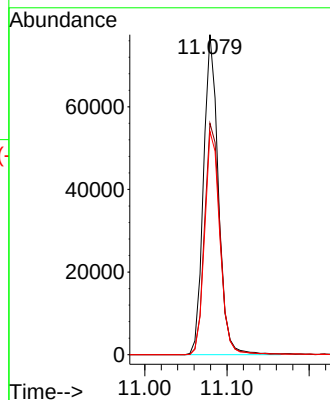
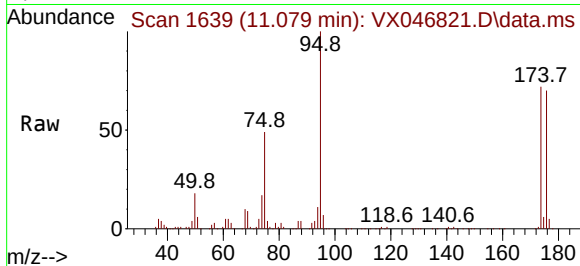




#62
4-Bromofluorobenzene
Concen: 52.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

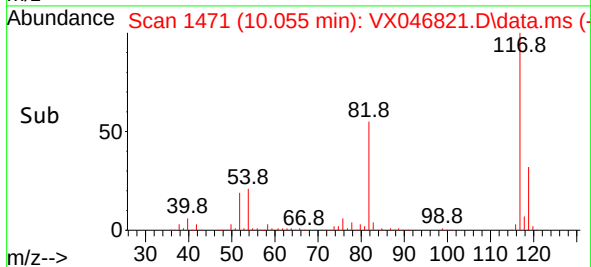
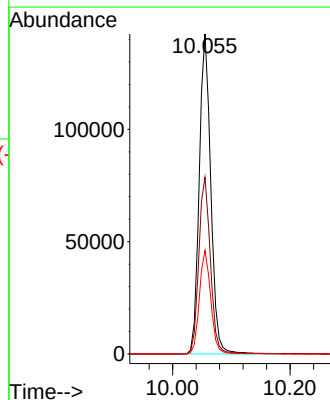
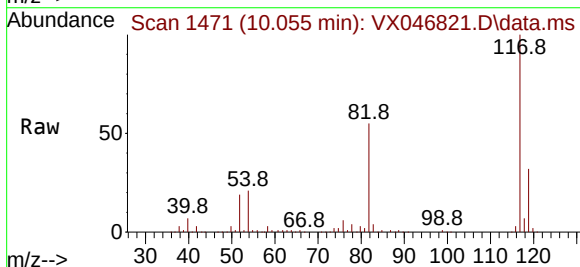
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MSVOA_X
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IBLK

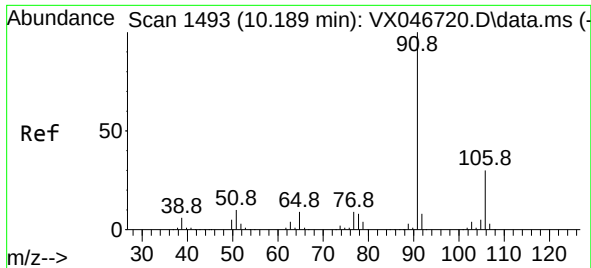
Tgt Ion: 95 Resp: 97132
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 72.1 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046821.D
Acq: 23 Jun 2025 15:33

Tgt Ion: 117 Resp: 194652
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 32.4 25.8 38.8





#67

Ethyl Benzene

Concen: 0.253 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX046821.D

Acq: 23 Jun 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

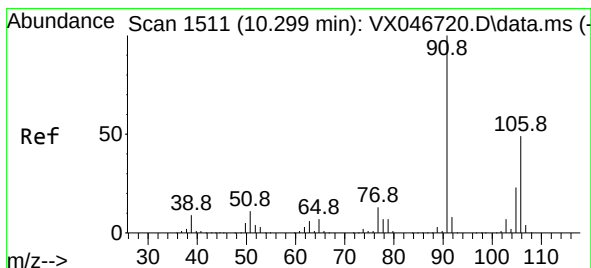
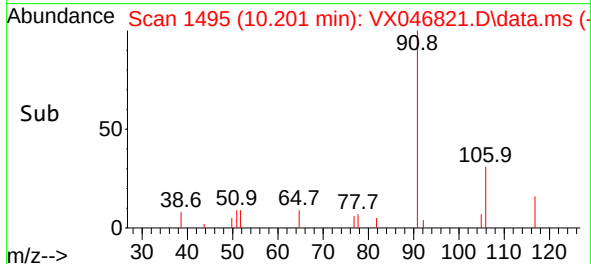
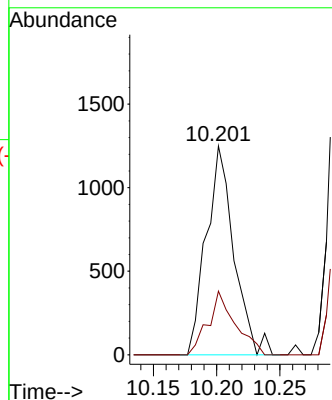
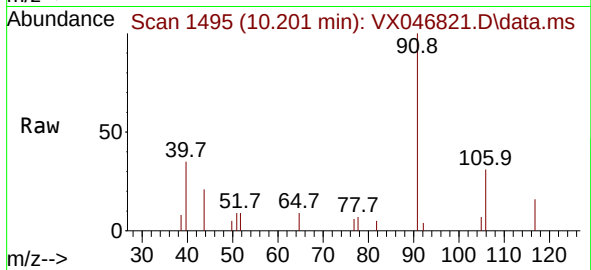
IBLK

Tgt Ion: 91 Resp: 1896

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 1.055 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046821.D

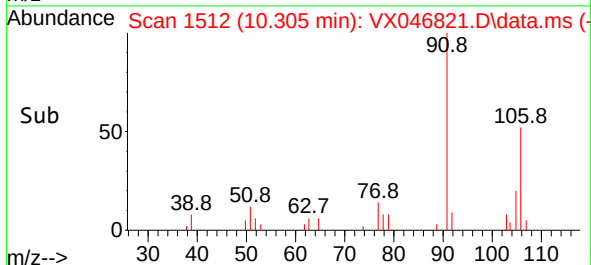
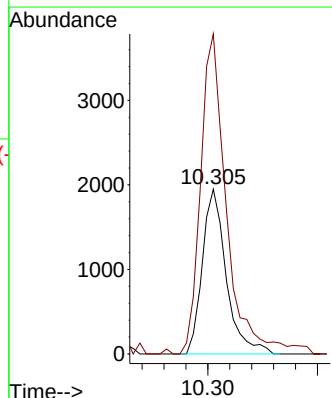
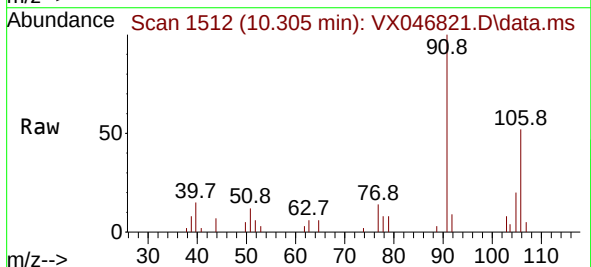
Acq: 23 Jun 2025 15:33

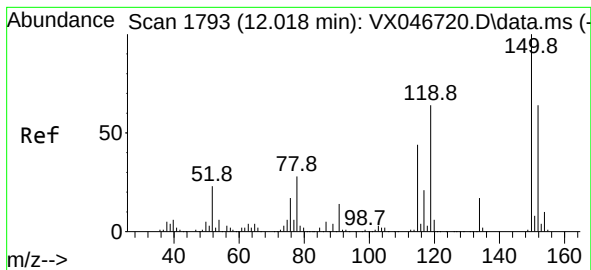
Tgt Ion:106 Resp: 2951

Ion Ratio Lower Upper

106 100

91 211.6 164.8 247.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046821.D

Acq: 23 Jun 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

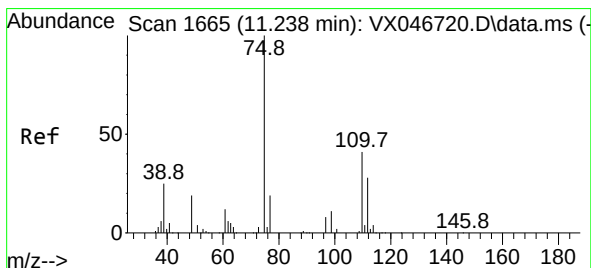
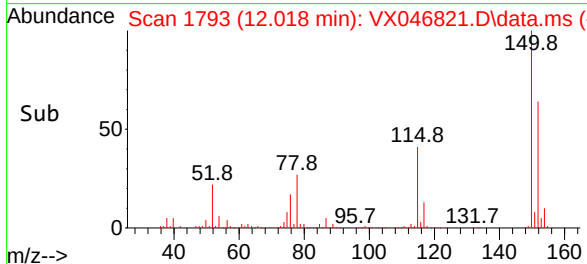
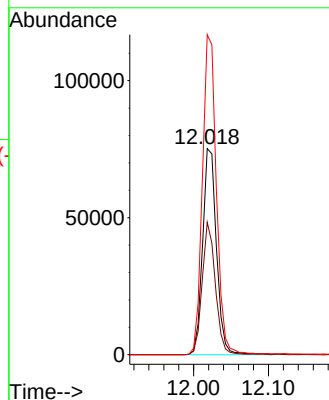
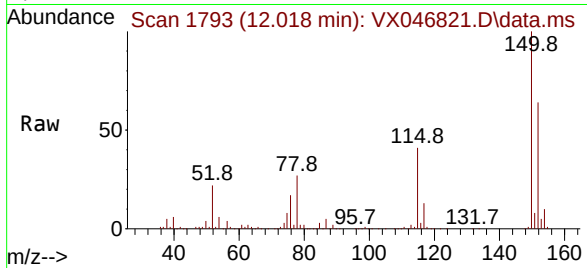
Tgt Ion:152 Resp: 97083

Ion Ratio Lower Upper

152 100

115 61.2 43.2 129.6

150 157.5 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 27.327 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046821.D

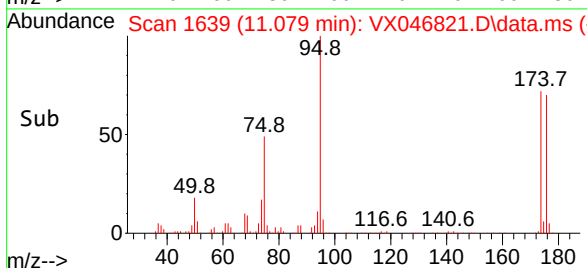
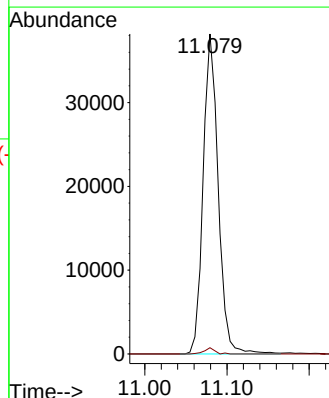
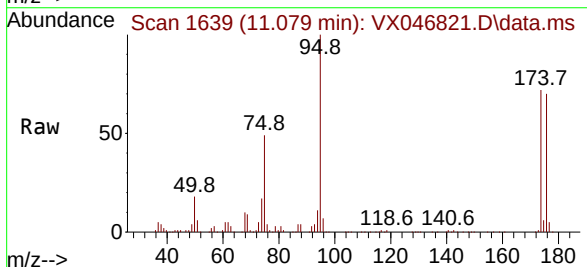
Acq: 23 Jun 2025 15:33

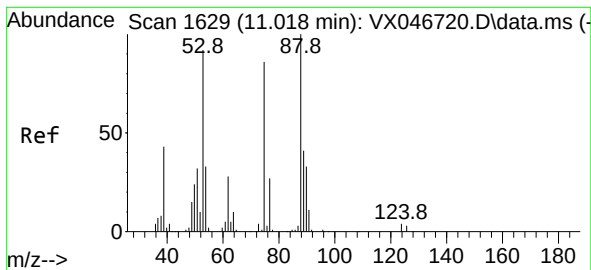
Tgt Ion: 75 Resp: 48590

Ion Ratio Lower Upper

75 100

77 1.3 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.242 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046821.D
 Acq: 23 Jun 2025 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 48590
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

