

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048273.D
 Acq On : 21 Oct 2025 16:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 24 04:28:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

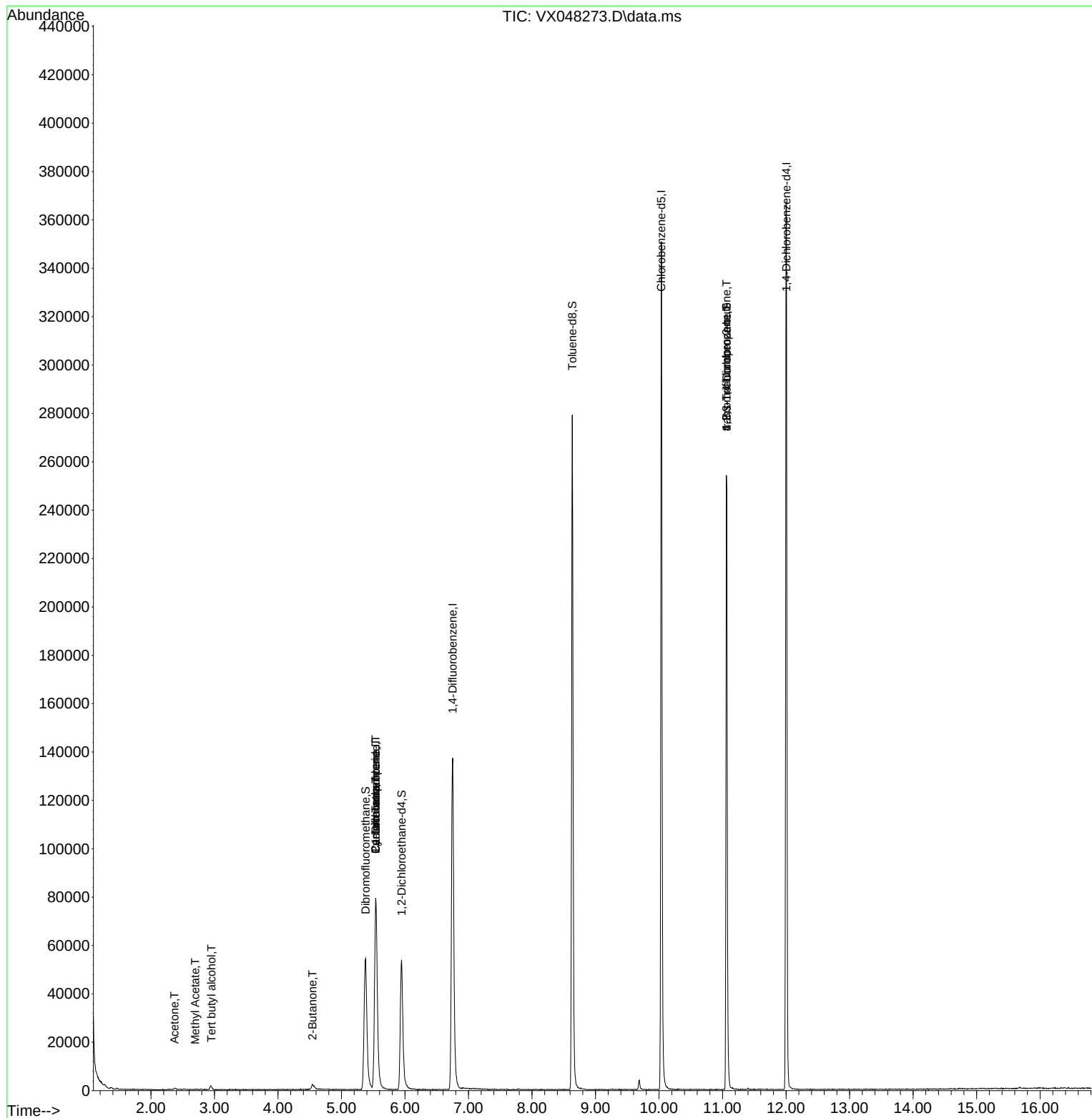
Internal Standards						
1) Pentafluorobenzene	5.538	168	81328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	156171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	84537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60434	52.999	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.000%		
35) Dibromofluoromethane	5.379	113	52512	49.253	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.500%		
50) Toluene-d8	8.635	98	176066	47.114	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.220%		
62) 4-Bromofluorobenzene	11.061	95	75450	53.071	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	811	7.163	ug/l #	72
16) Acetone	2.367	43	938	2.398	ug/l #	45
18) Methyl Acetate	2.697	43	333	0.408	ug/l #	54
25) 2-Butanone	4.544	43	119	0.240	ug/l #	50
31) Cyclohexane	5.538	56	1445	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	6419	4.236	ug/l #	49
38) Carbon Tetrachloride	5.538	117	8405	4.496	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	39635	28.912	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	39635	70.340	ug/l #	10

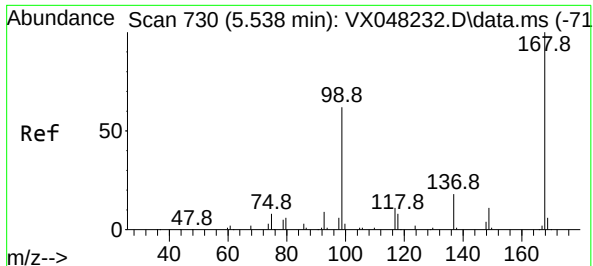
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
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IBLK

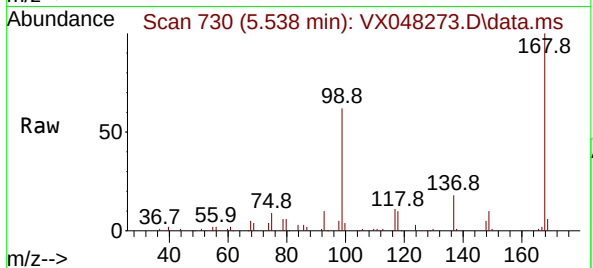
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
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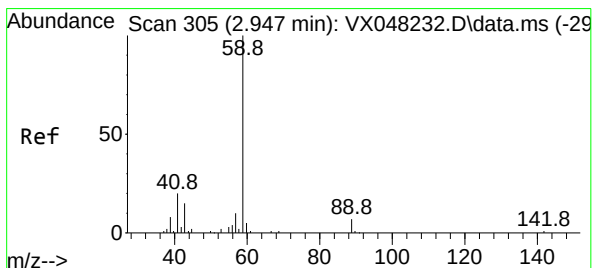
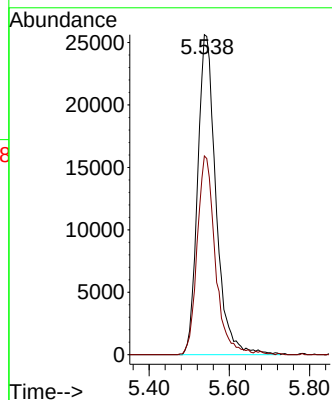
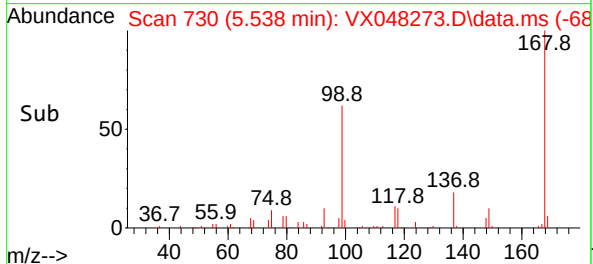


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

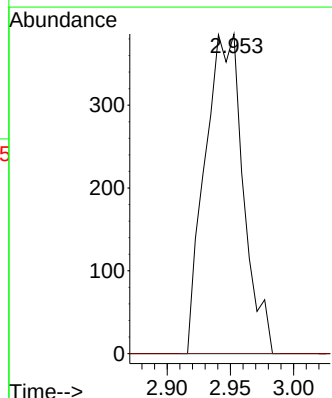
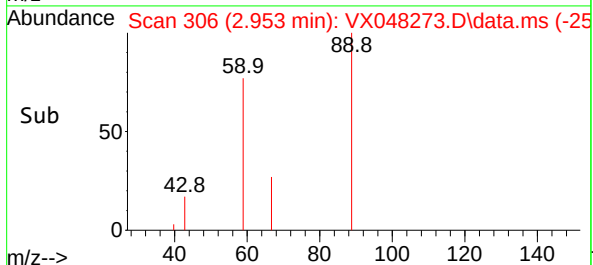
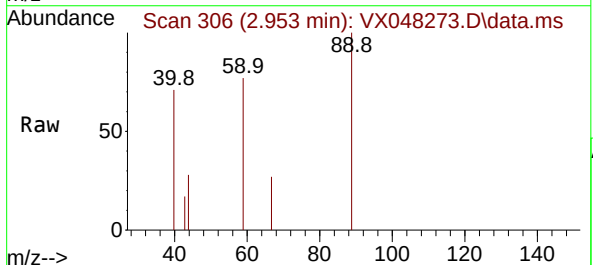


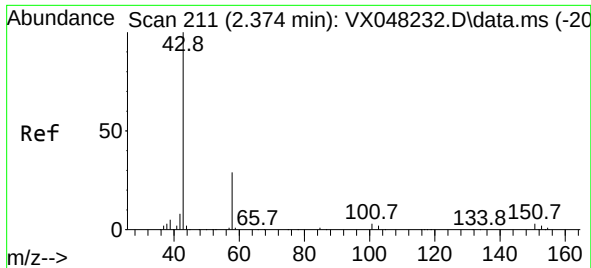
Tgt Ion:168 Resp: 81328
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 7.163 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 59 Resp: 811
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

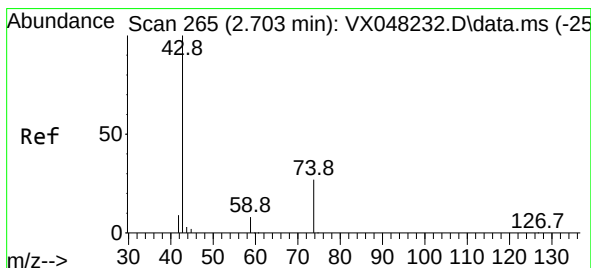
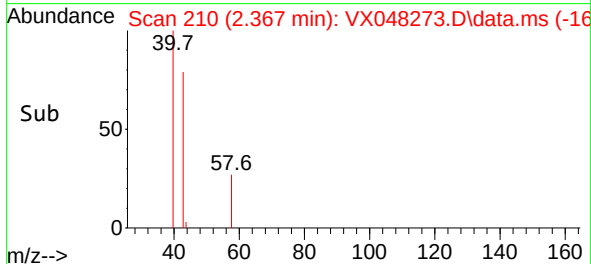
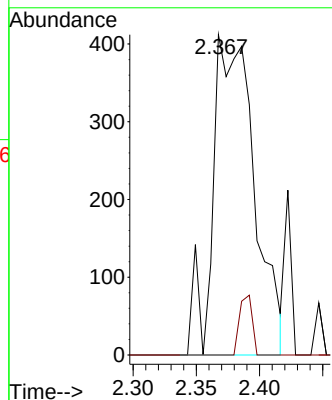
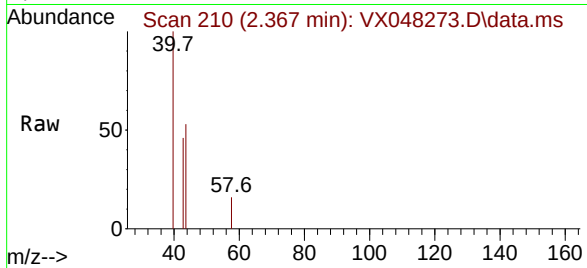




#16
Acetone
Concen: 2.398 ug/l
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

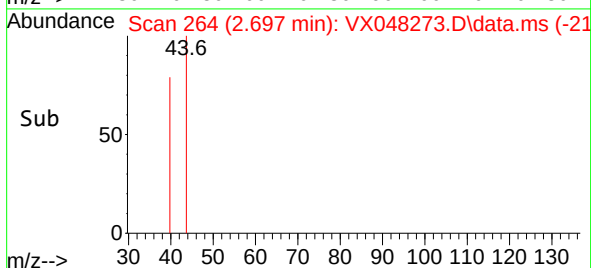
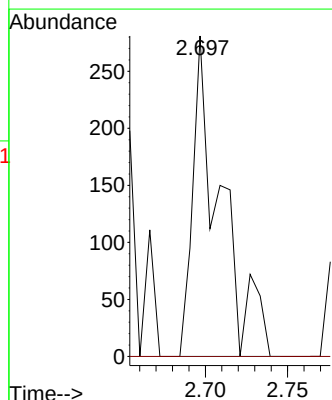
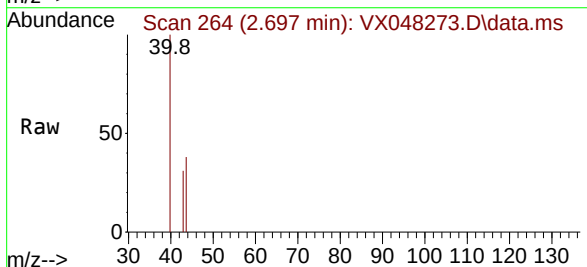
Instrument :
MSVOA_X
ClientSampleId :
IBLK

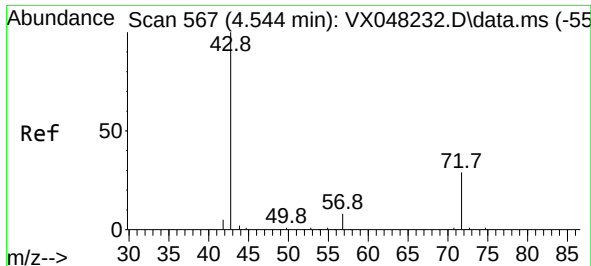
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.2#



#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

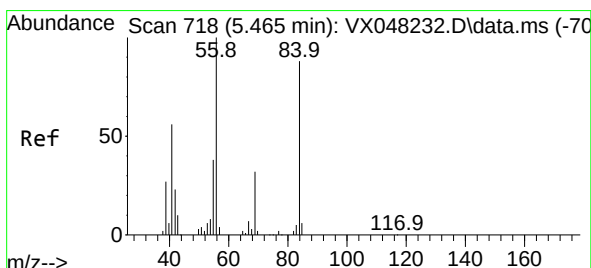
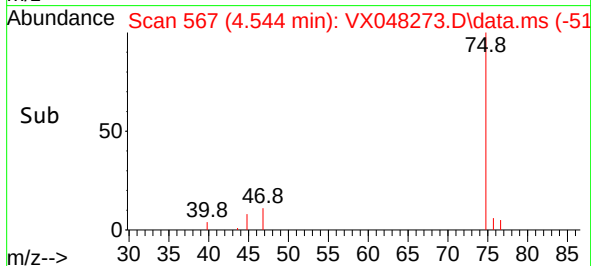
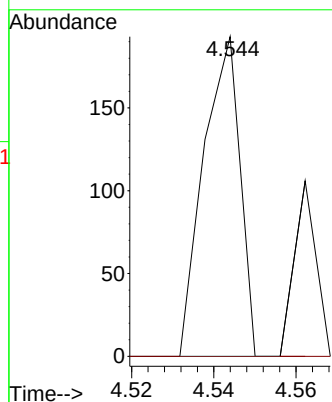
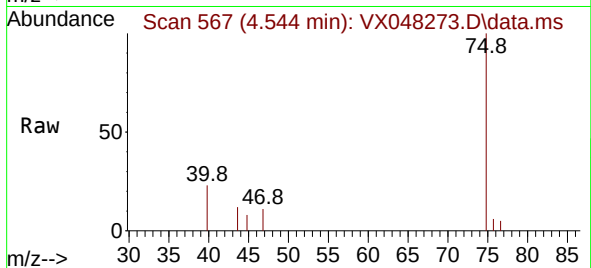




#25
2-Butanone
Concen: 0.240 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

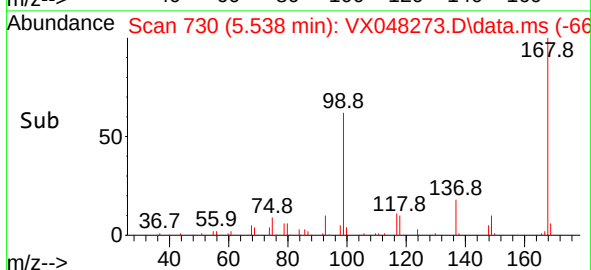
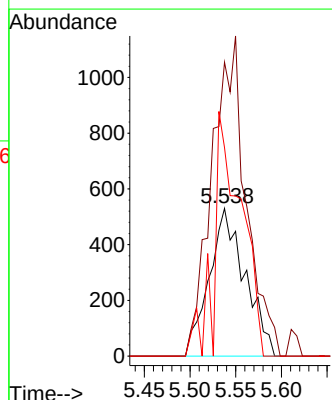
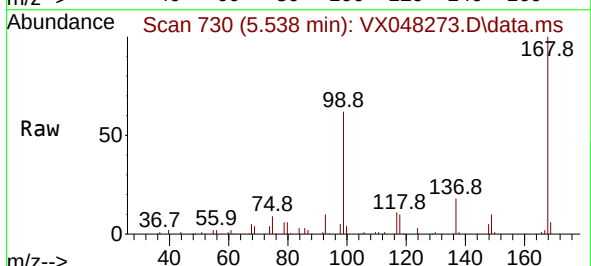
Instrument :
MSVOA_X
ClientSampleId :
IBLK

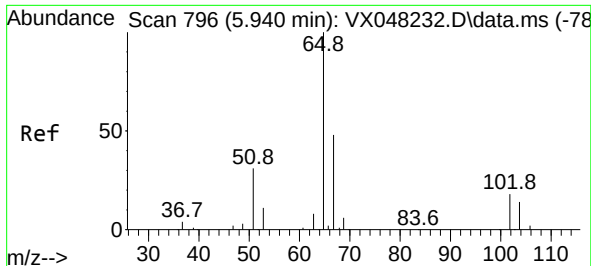
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 56 Resp: 1445
Ion Ratio Lower Upper
56 100
69 199.1 23.0 34.6#
84 141.1 64.6 97.0#

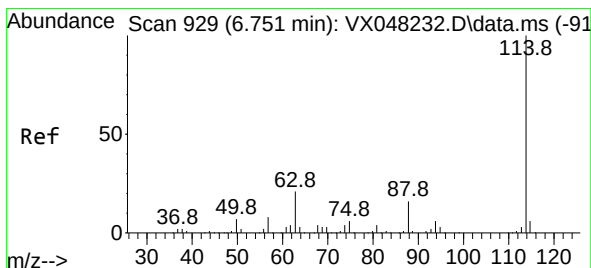
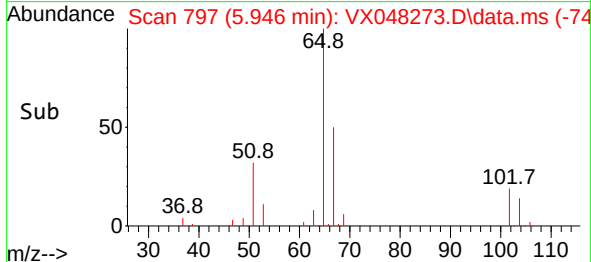
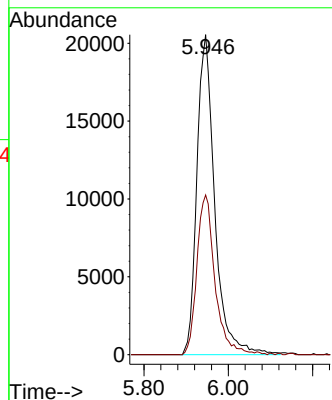
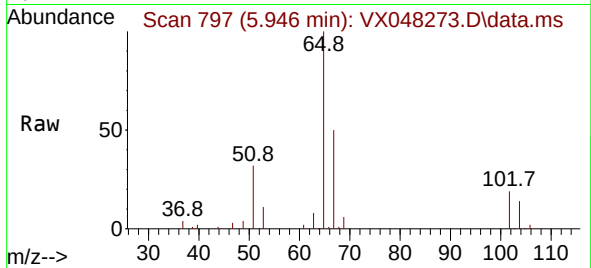




#33
 1,2-Dichloroethane-d4
 Concen: 52.999 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048273.D
 Acq: 21 Oct 2025 16:25

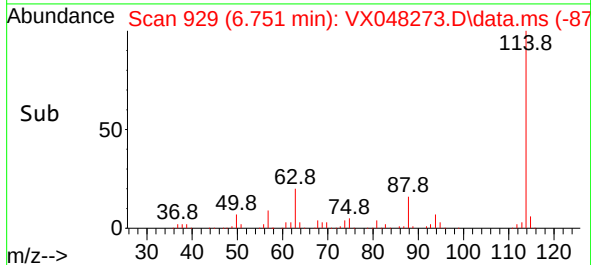
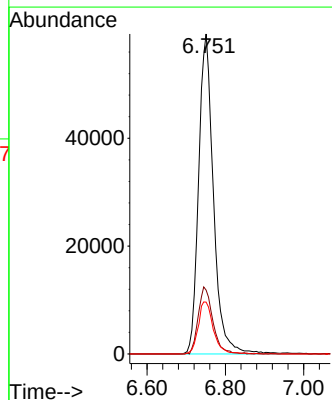
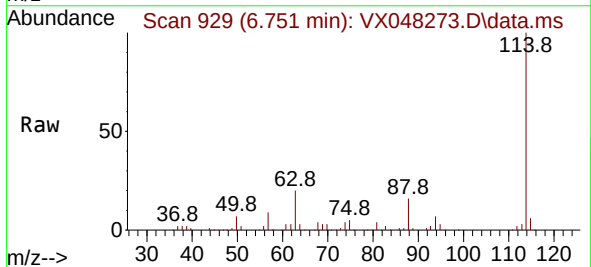
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

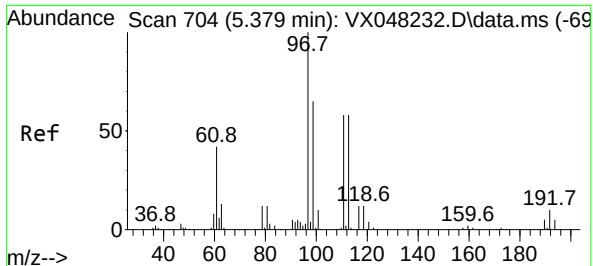
Tgt Ion: 65 Resp: 60434
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048273.D
 Acq: 21 Oct 2025 16:25

Tgt Ion: 114 Resp: 156171
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.2
 88 16.2 0.0 33.6

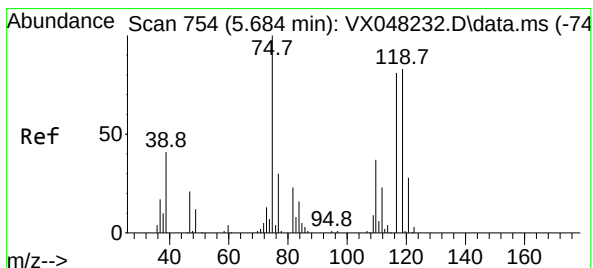
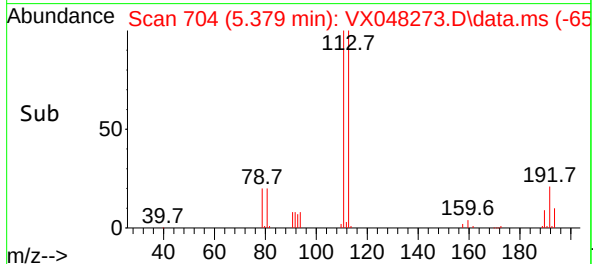
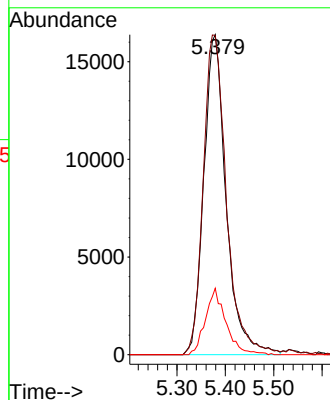
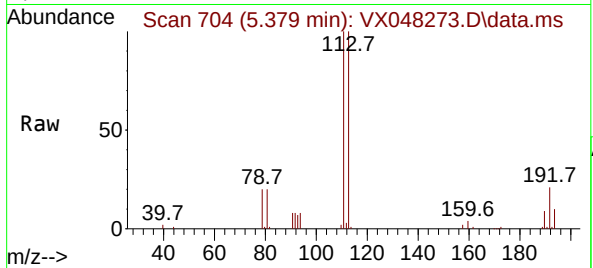




#35
Dibromofluoromethane
Concen: 49.253 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

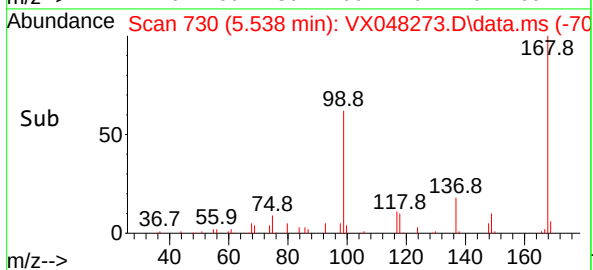
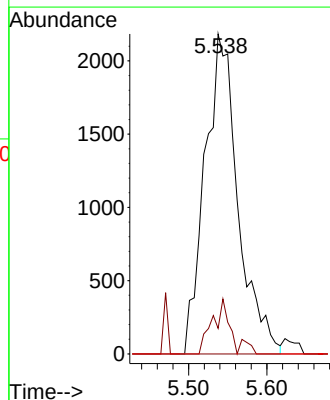
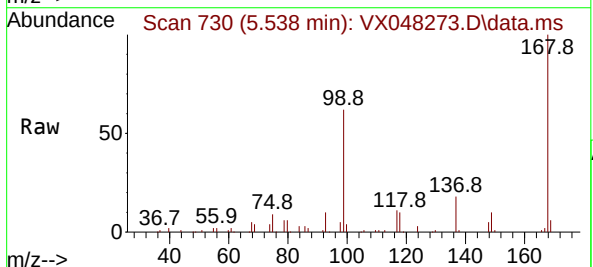
Instrument :
MSVOA_X
ClientSampleId :
IBLK

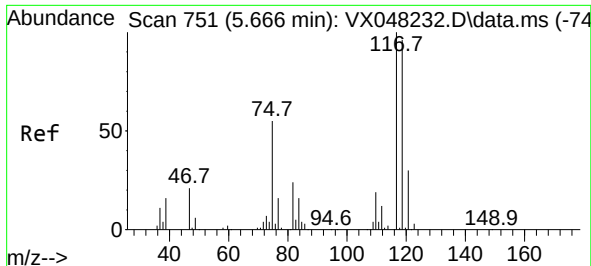
Tgt Ion:113 Resp: 52512
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 19.1 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 75 Resp: 6419
Ion Ratio Lower Upper
75 100
110 8.5 17.7 53.1#
77 0.0 24.3 36.5#

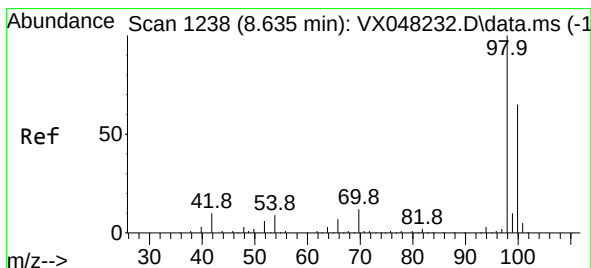
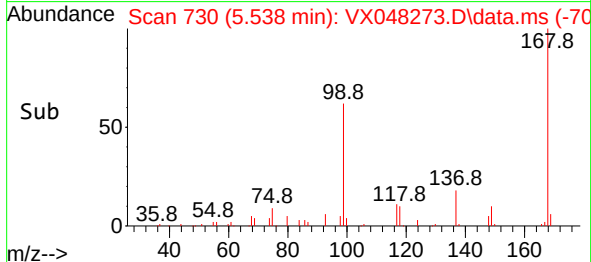
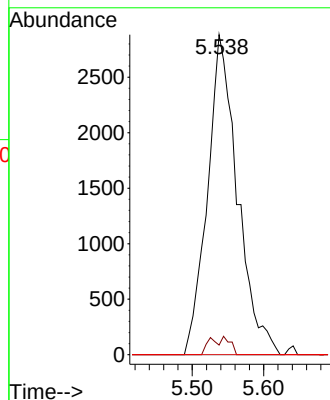
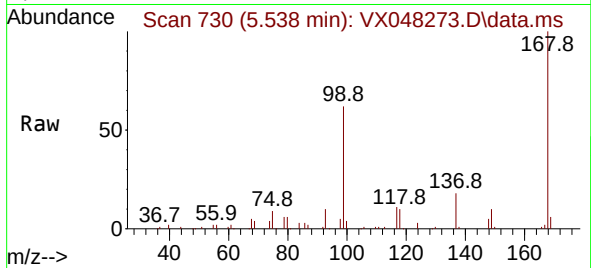




#38
Carbon Tetrachloride
Concen: 4.496 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

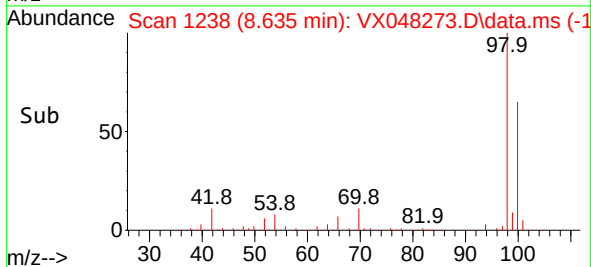
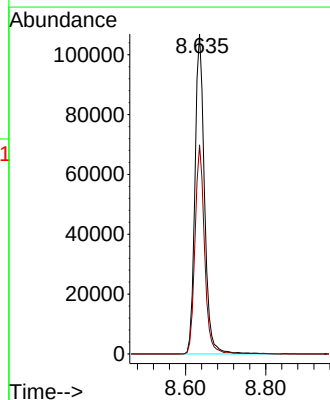
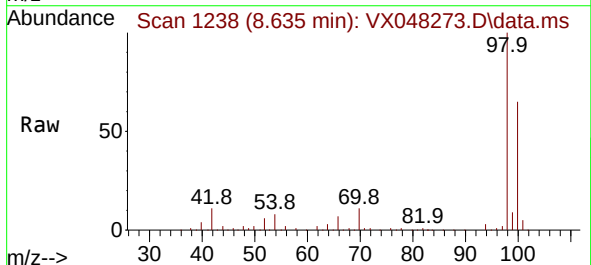
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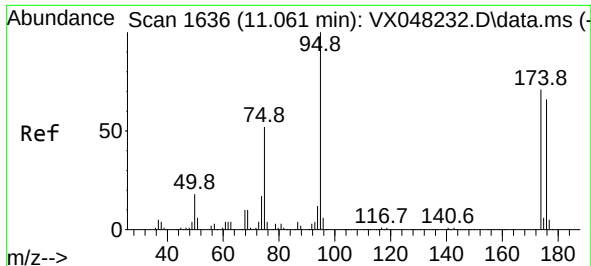
Tgt Ion:117 Resp: 8405
Ion Ratio Lower Upper
117 100
119 3.0 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.114 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048273.D
Acq: 21 Oct 2025 16:25

Tgt Ion: 98 Resp: 176066
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 53.071 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048273.D

Acq: 21 Oct 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

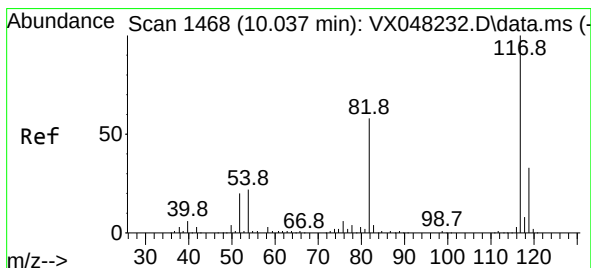
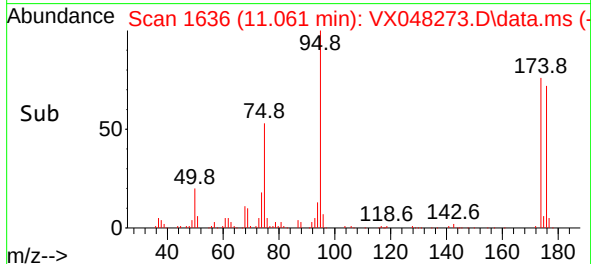
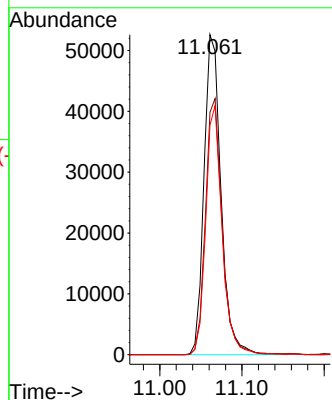
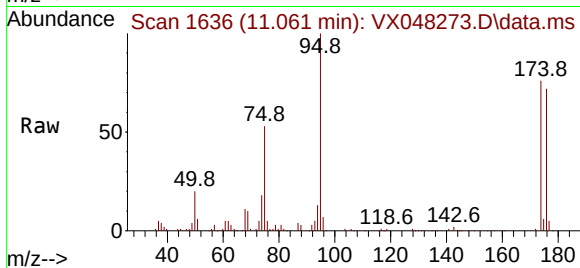
Tgt Ion: 95 Resp: 75450

Ion Ratio Lower Upper

95 100

174 78.9 0.0 147.8

176 75.0 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048273.D

Acq: 21 Oct 2025 16:25

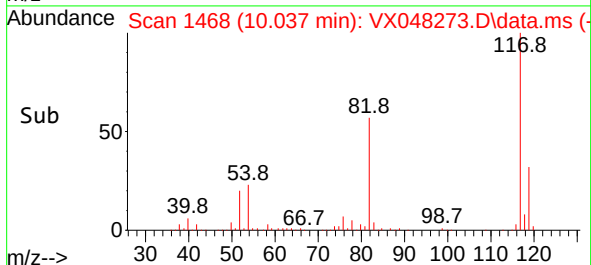
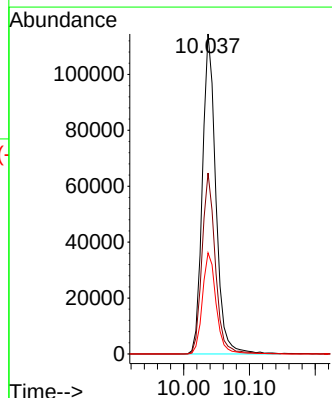
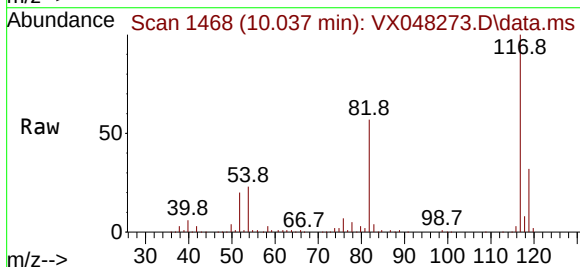
Tgt Ion: 117 Resp: 162300

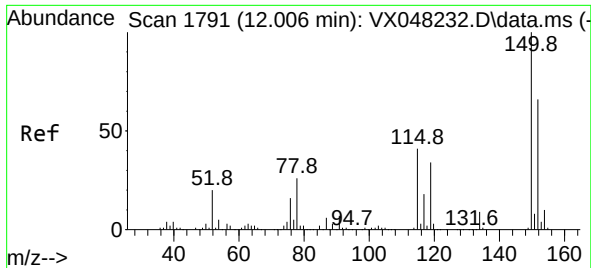
Ion Ratio Lower Upper

117 100

82 56.6 46.5 69.7

119 31.6 25.9 38.9

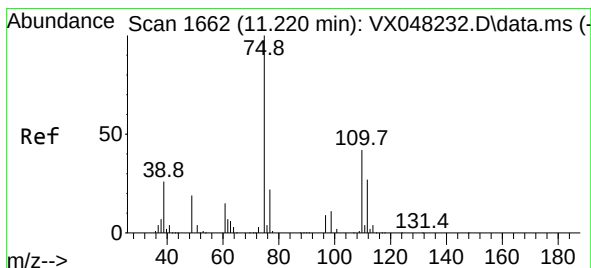
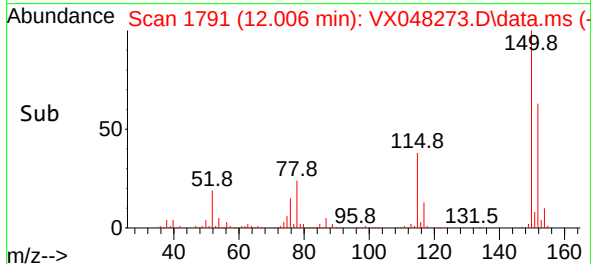
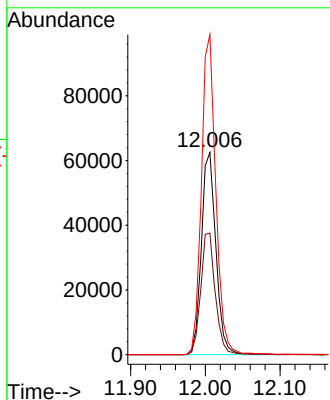
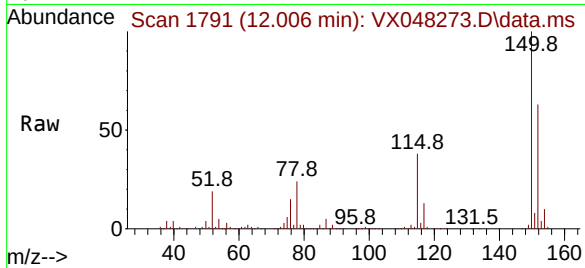




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048273.D
 Acq: 21 Oct 2025 16:25

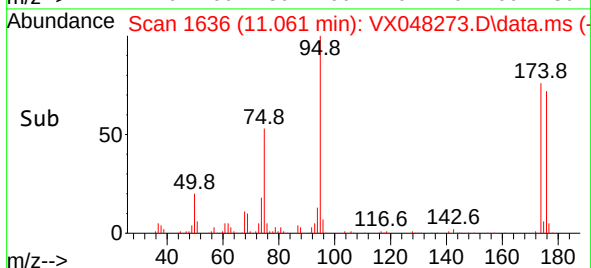
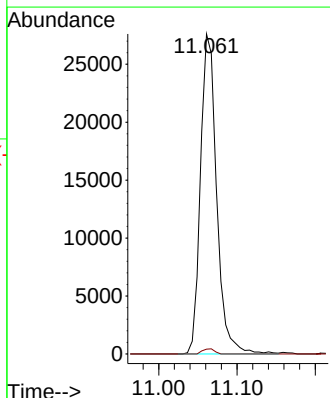
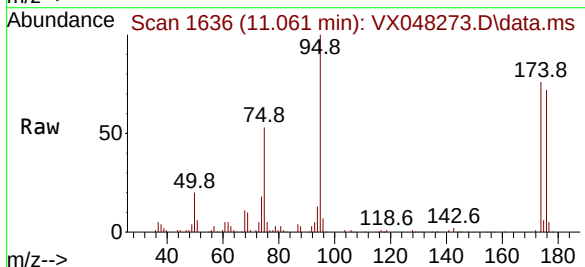
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

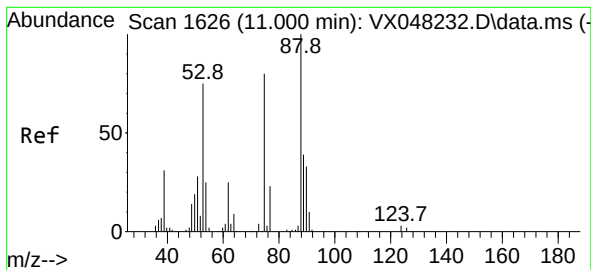
Tgt Ion:152 Resp: 84537
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 156.5 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.912 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048273.D
 Acq: 21 Oct 2025 16:25

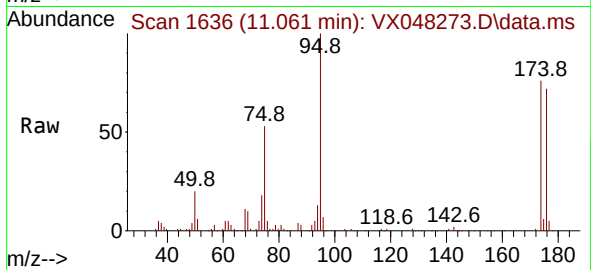
Tgt Ion: 75 Resp: 39635
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.340 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048273.D
 Acq: 21 Oct 2025 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 39635
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

