

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048435.D
 Acq On : 31 Oct 2025 16:10
 Operator : JC/MD
 Sample : Q3506-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 31 23:07:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

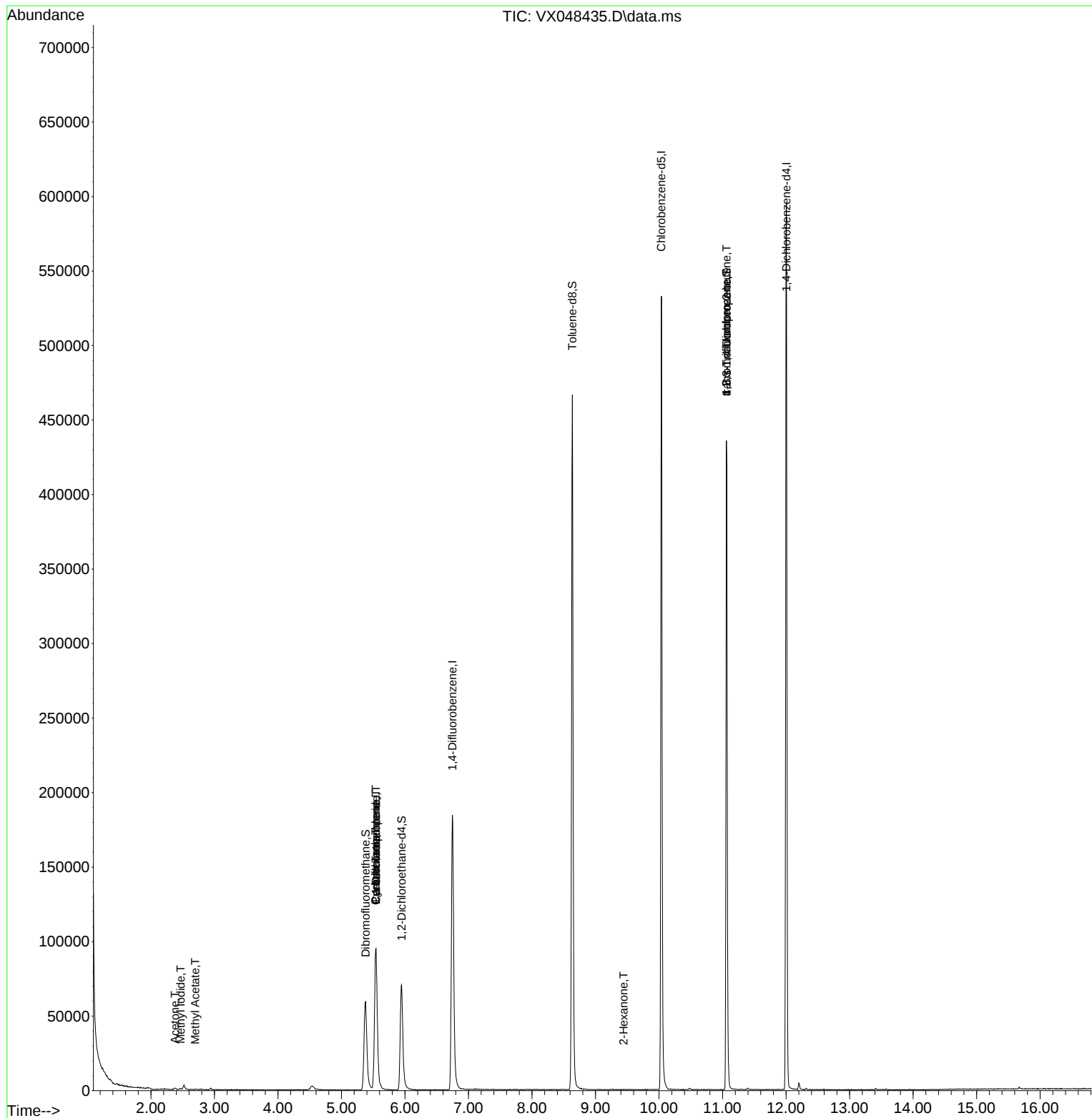
Internal Standards						
1) Pentafluorobenzene	5.544	168	100740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	213175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79173	54.647	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.300%		
35) Dibromofluoromethane	5.379	113	60179	49.514	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.020%		
50) Toluene-d8	8.634	98	291531	54.339	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.680%		
62) 4-Bromofluorobenzene	11.061	95	127724	63.641	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 127.280%#		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	1051	0.226	ug/l #	95
16) Acetone	2.380	43	1556	4.739	ug/l #	75
18) Methyl Acetate	2.697	43	275	0.250	ug/l #	54
31) Cyclohexane	5.537	56	1826	0.912	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7607	3.727	ug/l #	51
38) Carbon Tetrachloride	5.544	117	10759	4.566	ug/l #	14
59) 2-Hexanone	9.439	43	276	0.265	ug/l #	26
76) 1,2,3-Trichloropropane	11.061	75	65250	34.701	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	65250	120.088	ug/l #	10

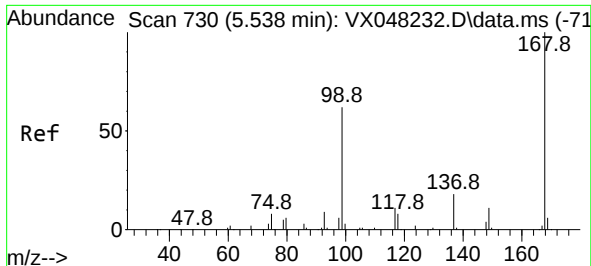
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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STORAGE-BLANK-WATER-REF-4

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Response via : Initial Calibration

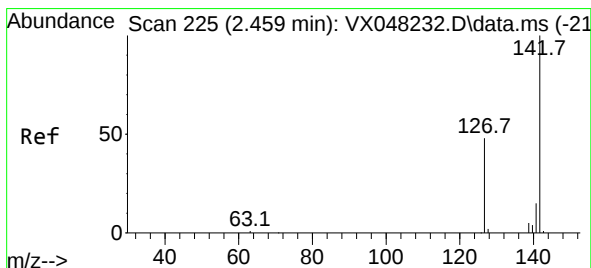
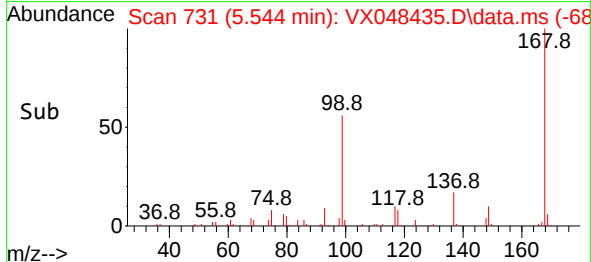
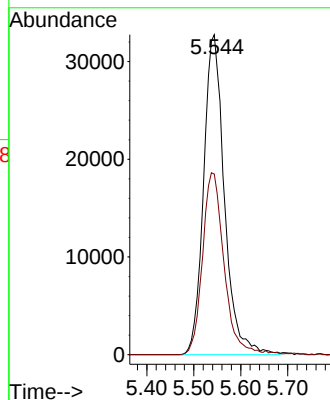
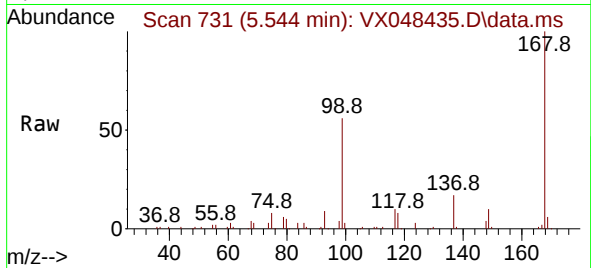




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

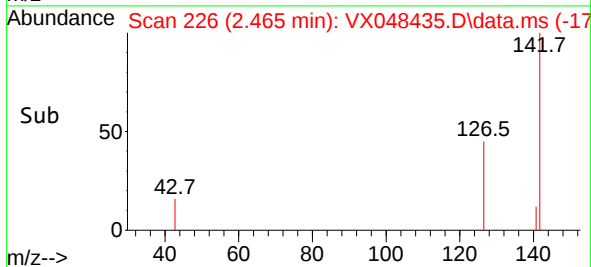
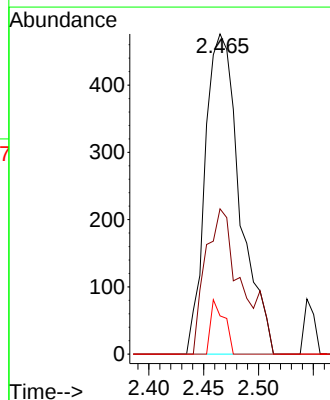
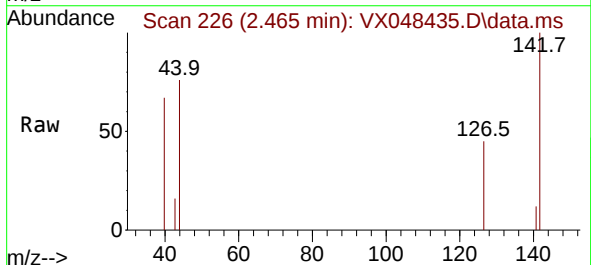
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

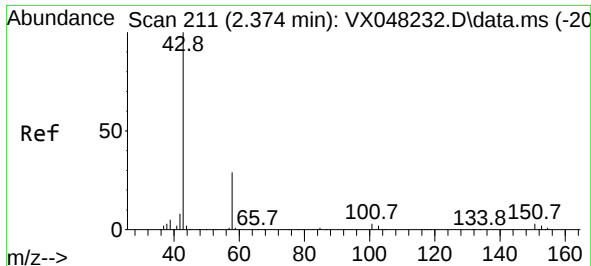
Tgt Ion:168 Resp: 100740
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



#10
Methyl Iodide
Concen: 0.226 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 47.6 38.5 57.7
141 6.7 11.6 17.4#

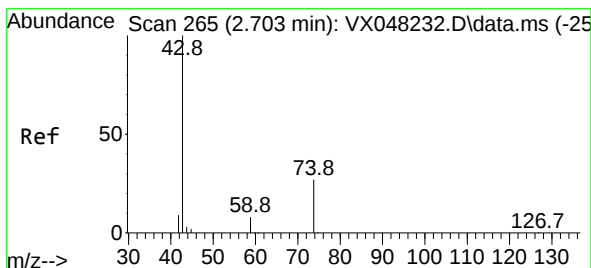
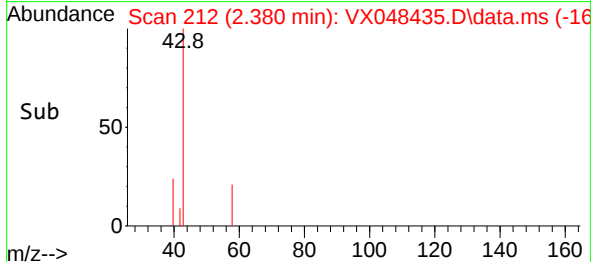
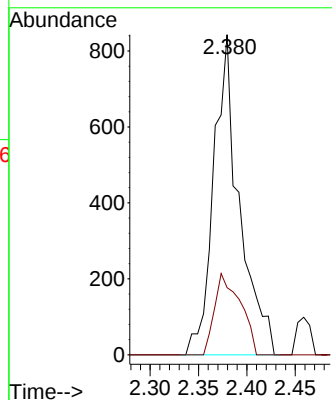
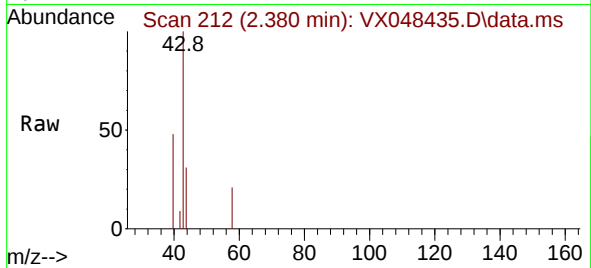




#16
Acetone
Concen: 4.739 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

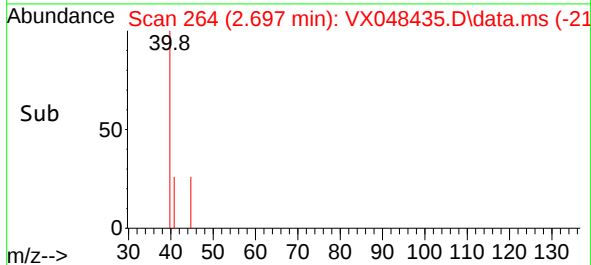
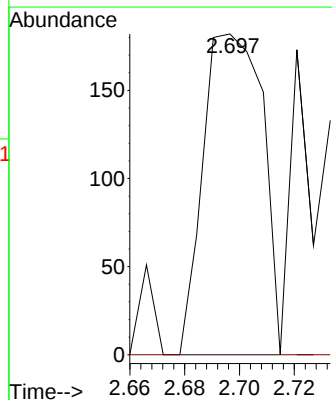
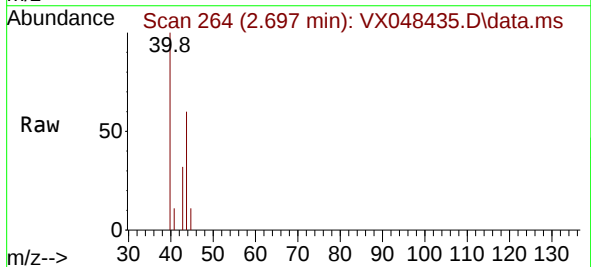
Instrument :
MSVOA_X
ClientSampleId :
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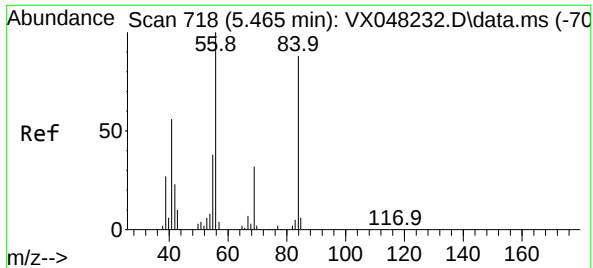
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
58 16.0 23.4 35.2#



#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

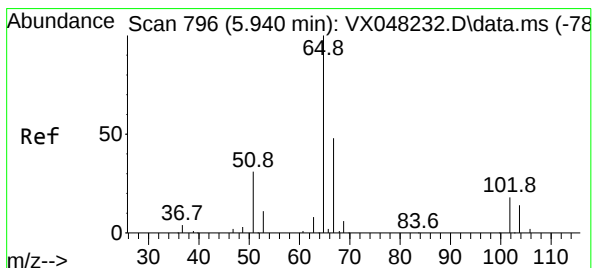
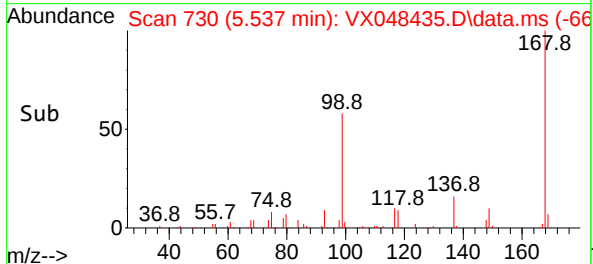
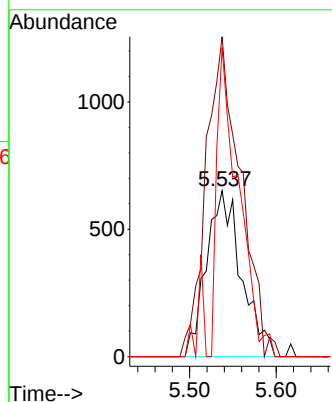
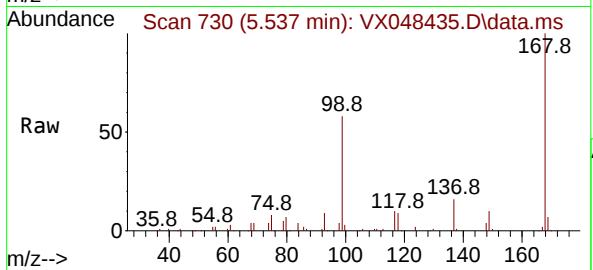




#31
Cyclohexane
Concen: 0.912 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

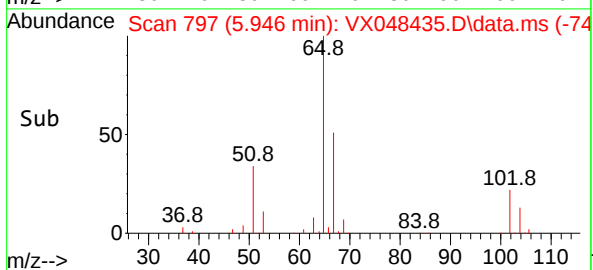
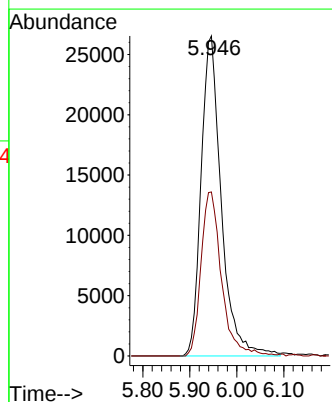
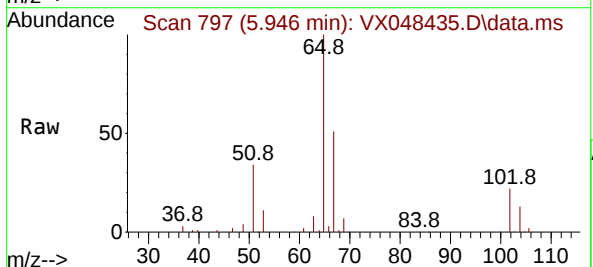
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

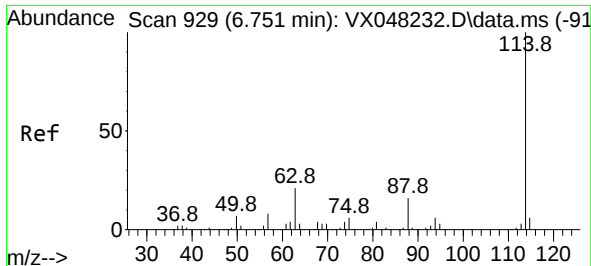
Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 192.9 23.0 34.6#
84 186.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.647 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 65 Resp: 79173
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

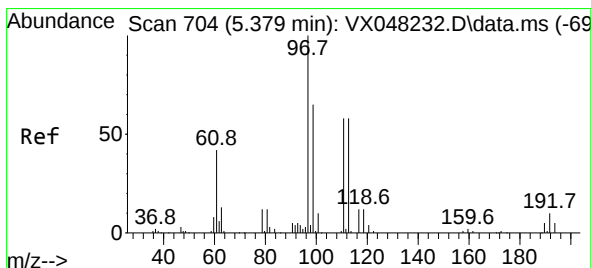
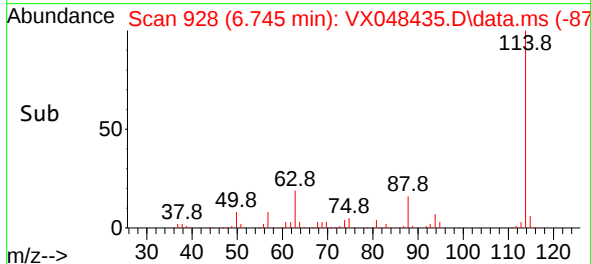
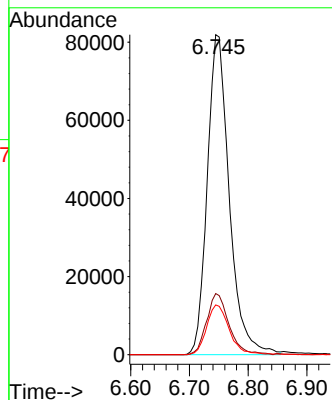
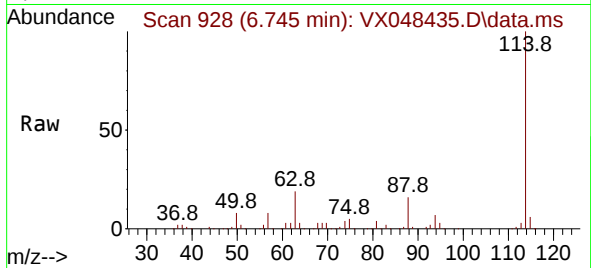




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

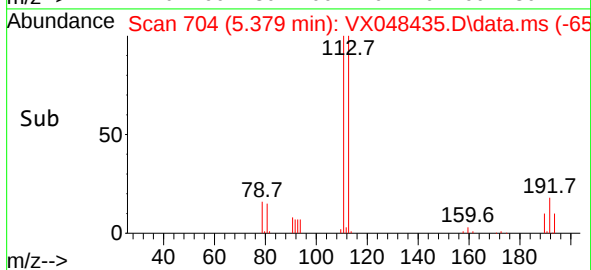
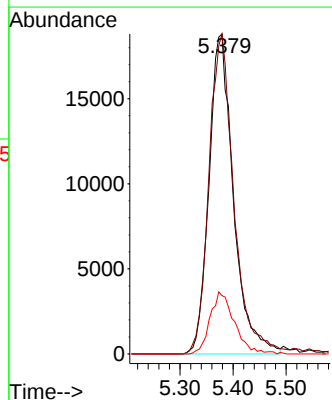
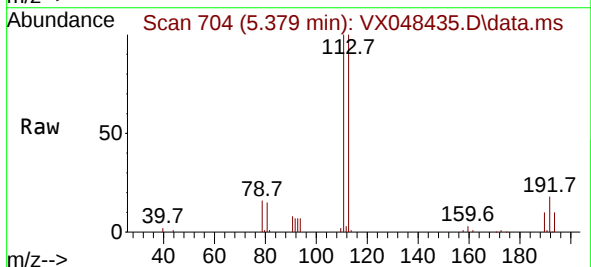
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

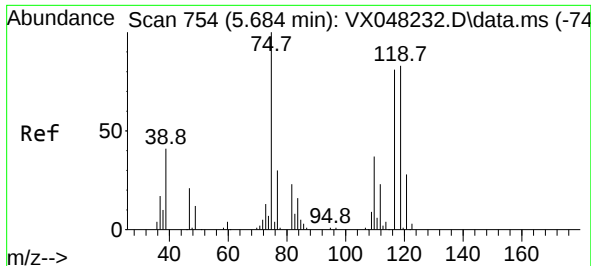
Tgt Ion:114 Resp: 213175
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion:113 Resp: 60179
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.4 15.1 22.7

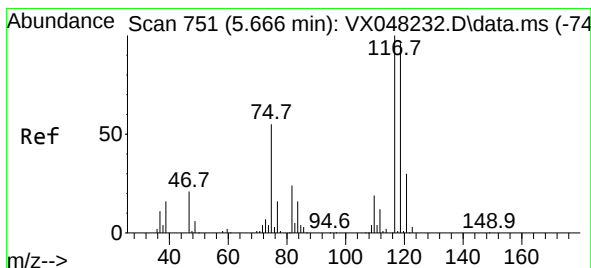
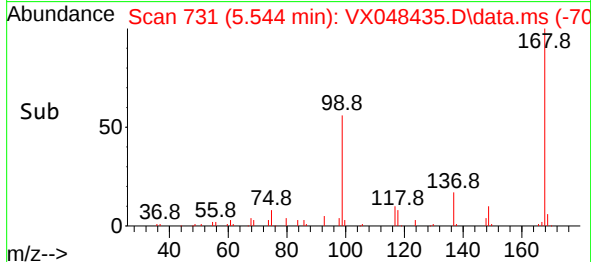
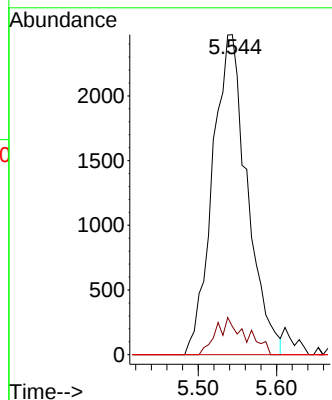
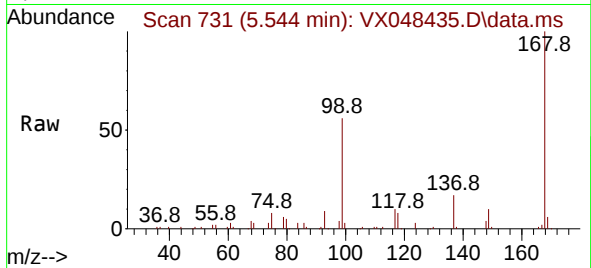




#36
1,1-Dichloropropene
Concen: 3.727 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

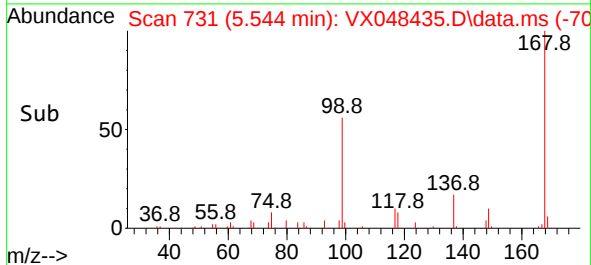
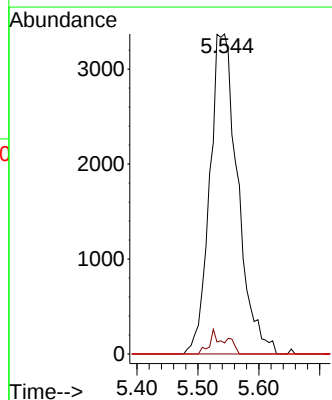
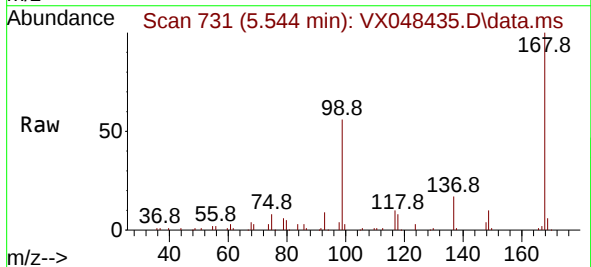
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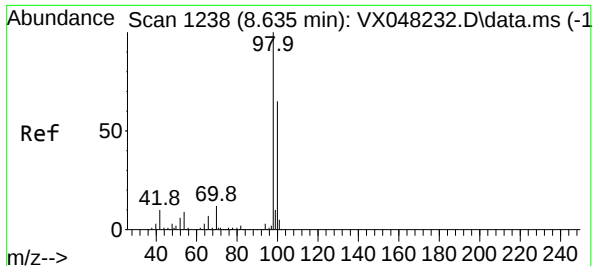
Tgt Ion: 75 Resp: 7607
Ion Ratio Lower Upper
75 100
110 10.1 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.566 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 117 Resp: 10759
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 24.8 37.2#

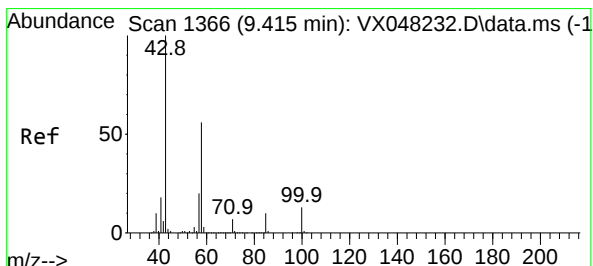
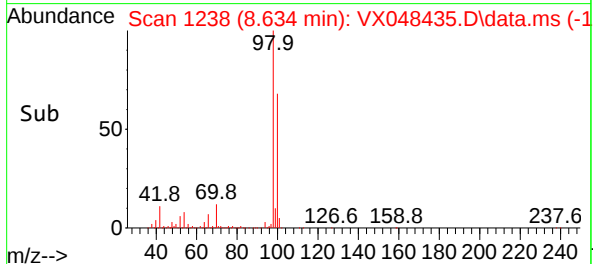
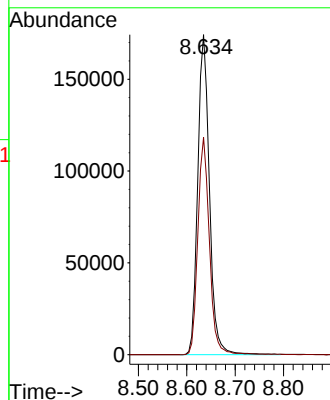
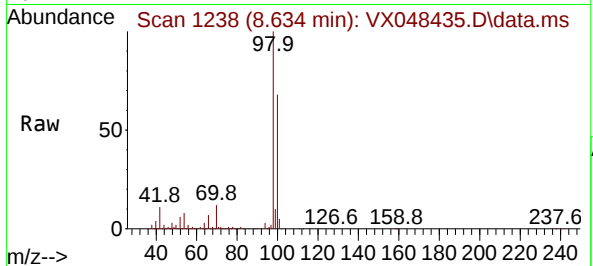




#50
Toluene-d8
Concen: 54.339 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

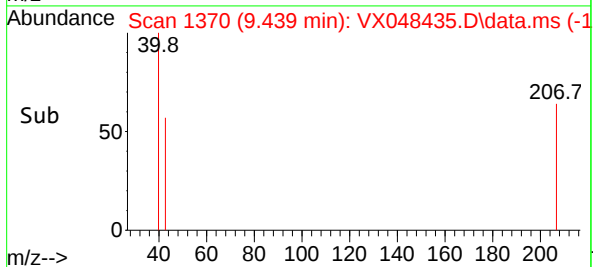
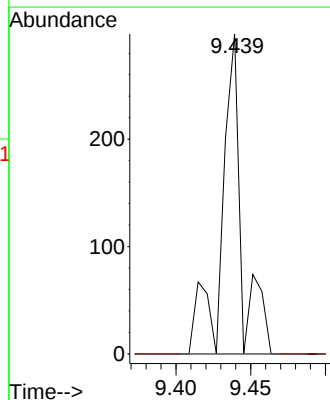
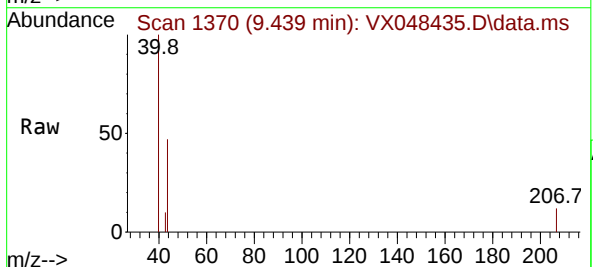
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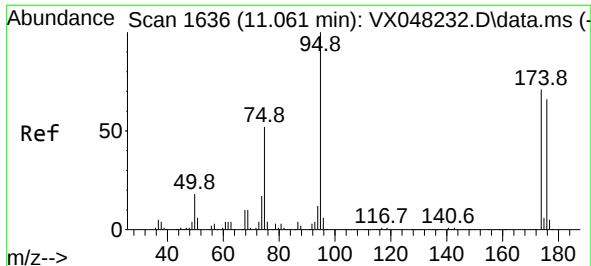
Tgt Ion: 98 Resp: 291531
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#59
2-Hexanone
Concen: 0.265 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.024 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#

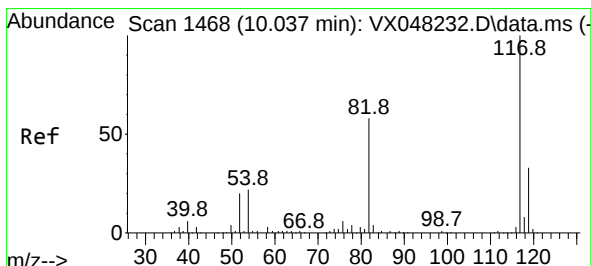
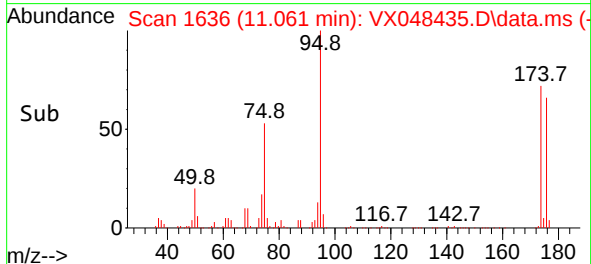
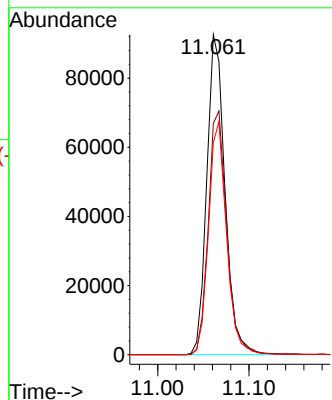
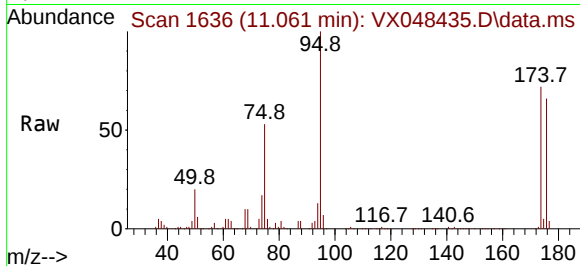




#62
4-Bromofluorobenzene
Concen: 63.641 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

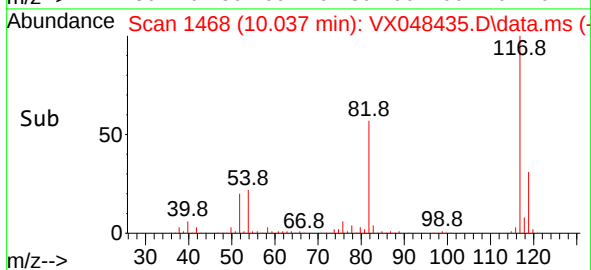
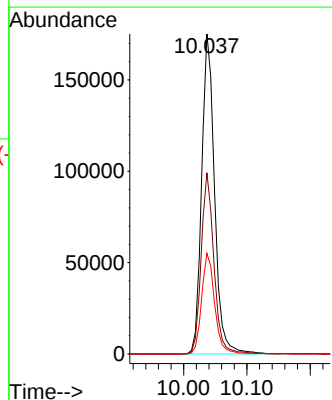
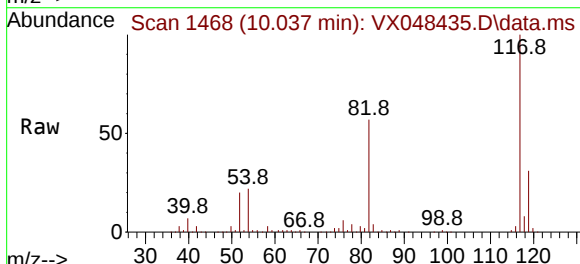
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

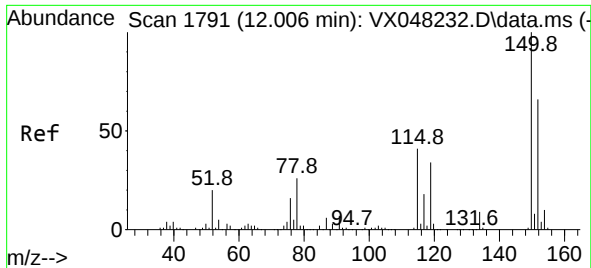
Tgt Ion: 95 Resp: 127724
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.8
176 72.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 117 Resp: 249376
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.5 25.9 38.9

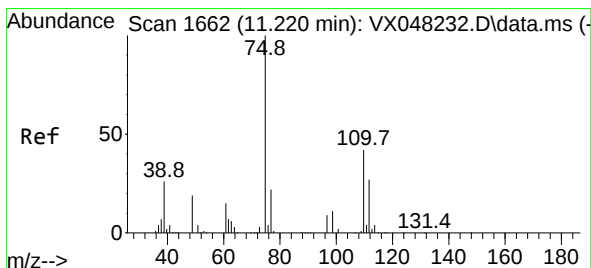
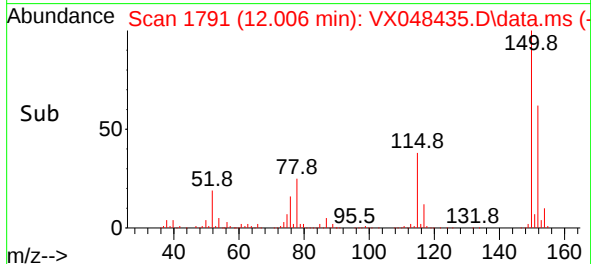
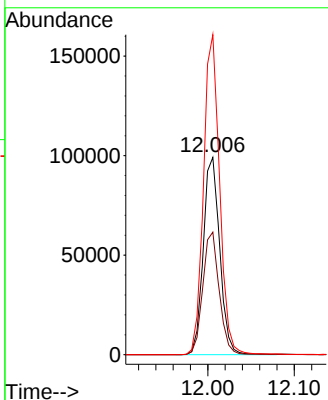
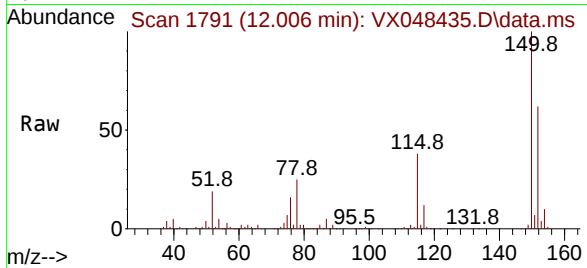




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048435.D
 Acq: 31 Oct 2025 16:10

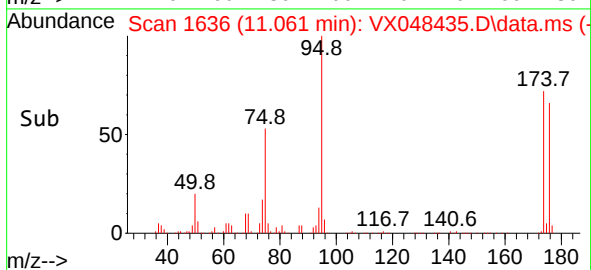
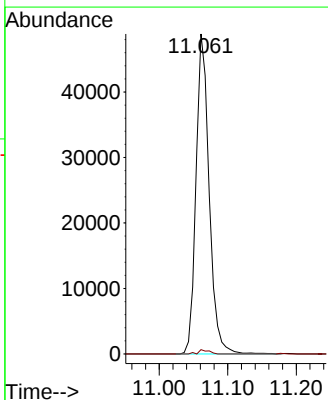
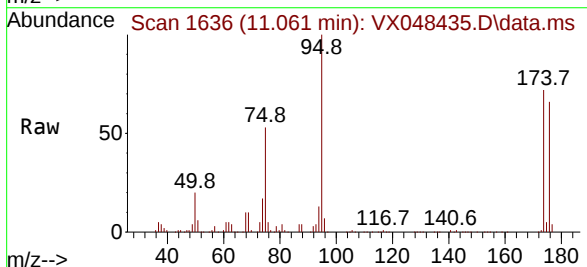
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

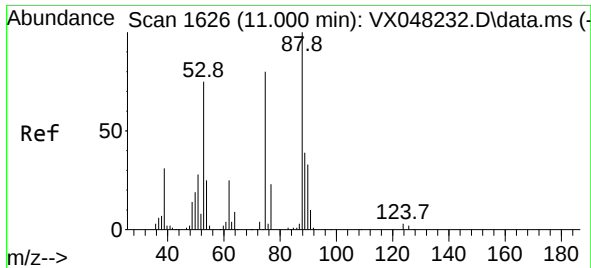
Tgt Ion:152 Resp: 130748
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.1 129.4
 150 159.4 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 34.701 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048435.D
 Acq: 31 Oct 2025 16:10

Tgt Ion: 75 Resp: 65250
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.088 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX048435.D
 Acq: 31 Oct 2025 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 65250
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

