

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046353.D
 Acq On : 23 May 2025 18:22
 Operator : JC/MD
 Sample : Q2123-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 23 23:06:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

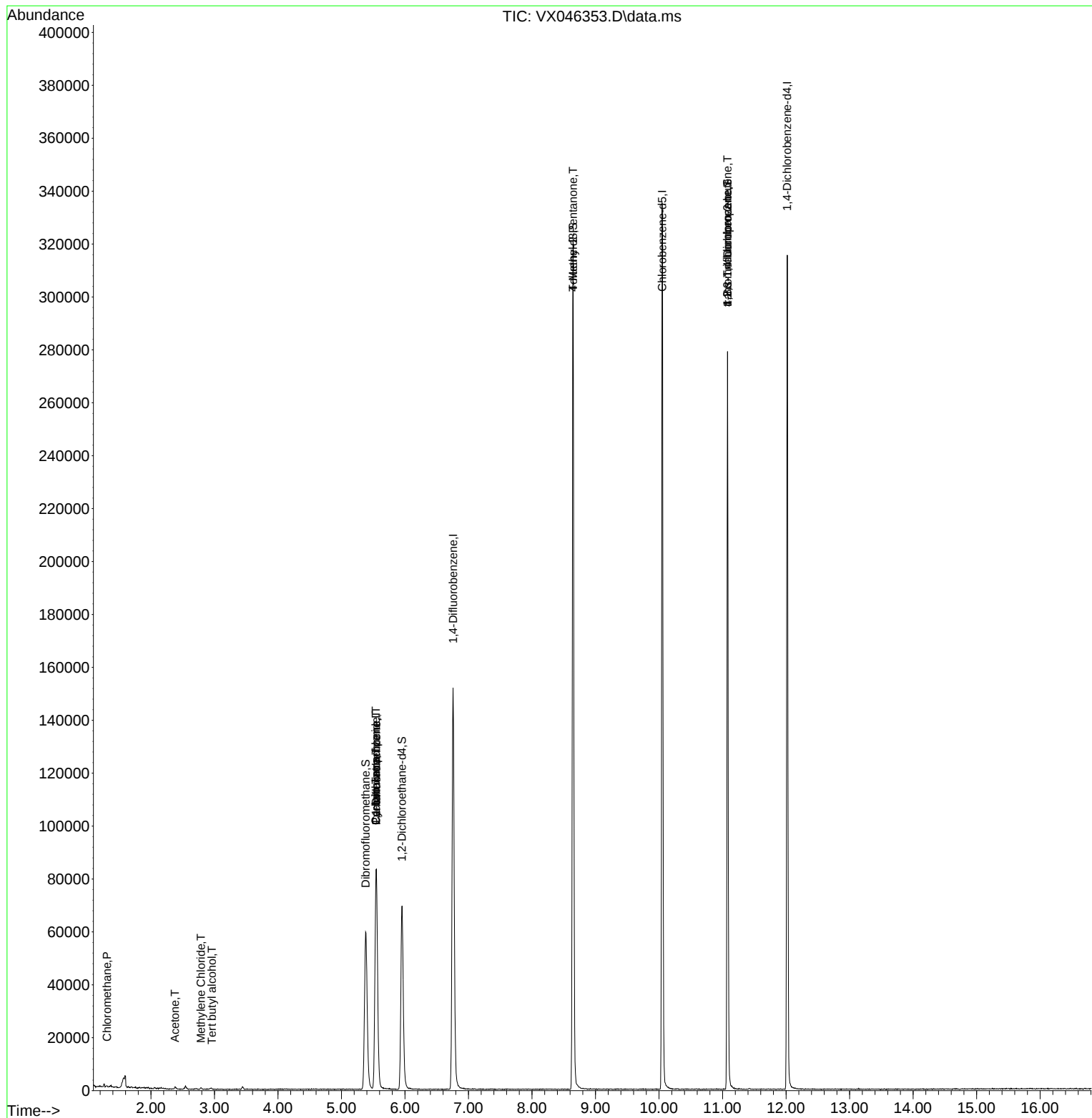
Internal Standards						
1) Pentafluorobenzene	5.550	168	71089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71204	53.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.460%			
35) Dibromofluoromethane	5.379	113	51680	50.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	8.647	98	179002	50.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.079	95	70393	51.464	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	665	0.630	ug/l #	84
11) Tert butyl alcohol	2.959	59	85	0.457	ug/l #	72
16) Acetone	2.380	43	1004	1.889	ug/l #	86
20) Methylene Chloride	2.788	84	262	0.257	ug/l #	77
31) Cyclohexane	5.544	56	2139	1.354	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	7493	5.413	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8606	5.533	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	959	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40734	29.099	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40734	94.739	ug/l #	1

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

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Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: May 23 23:06:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

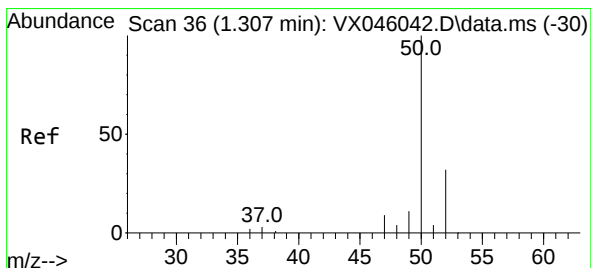
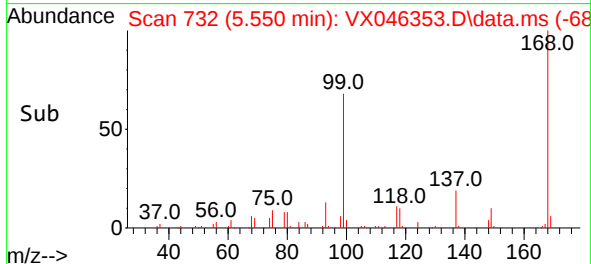
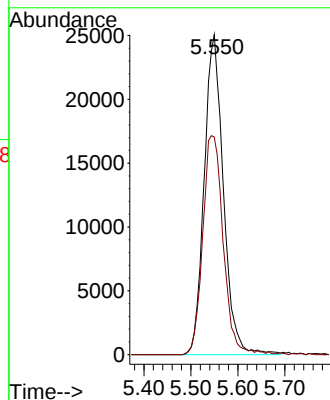
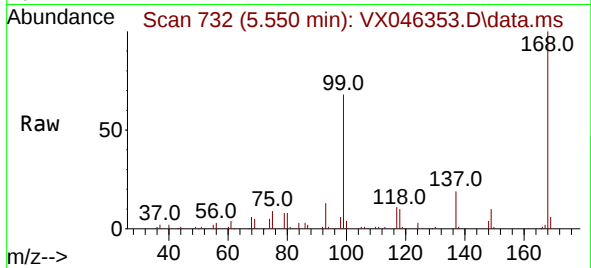




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

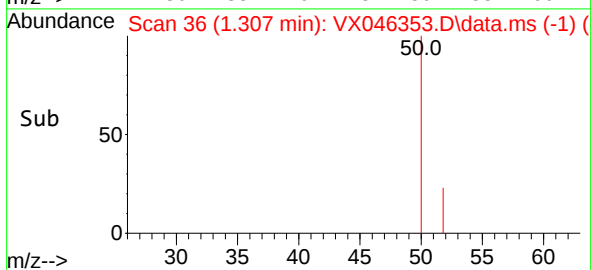
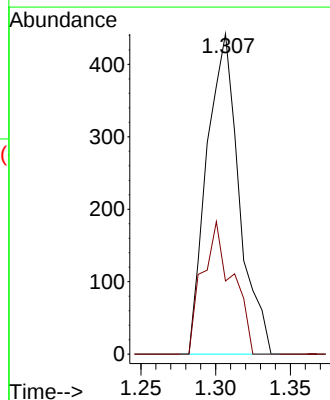
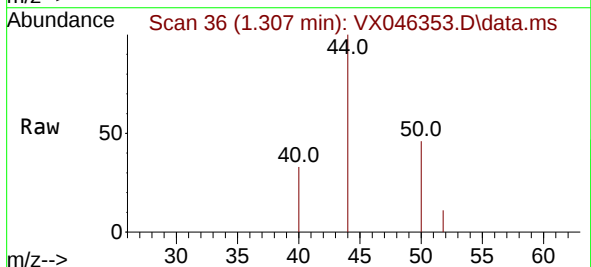
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 71089
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3



#3
Chloromethane
Concen: 0.630 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 50 Resp: 665
Ion Ratio Lower Upper
50 100
52 22.9 25.4 38.2#

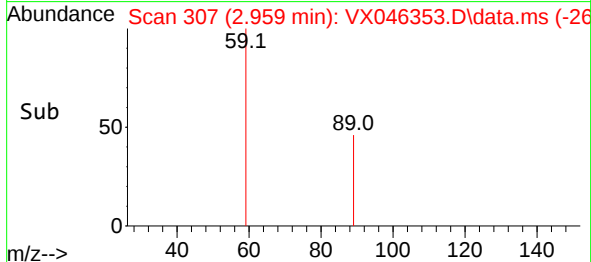
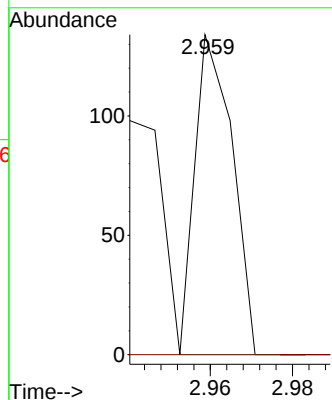
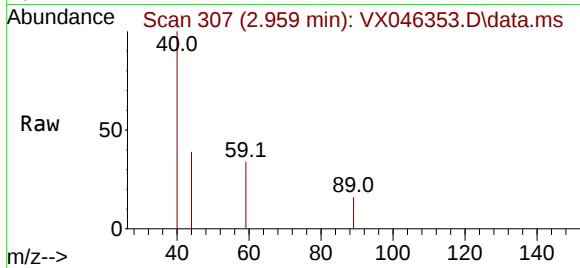




#11
Tert butyl alcohol
Concen: 0.457 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

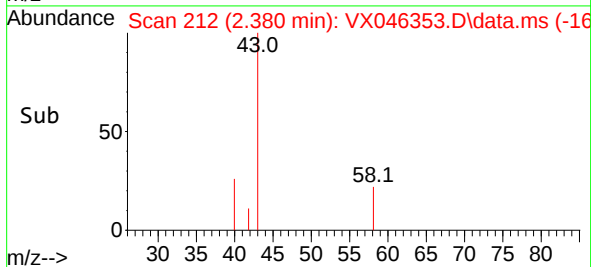
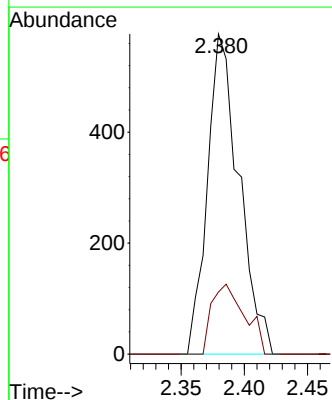
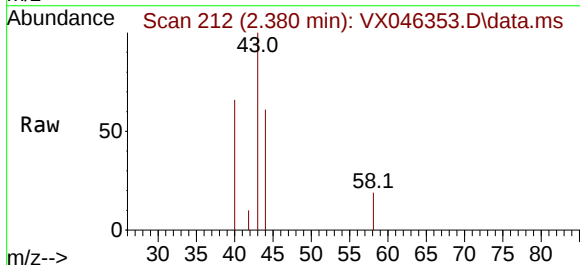
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

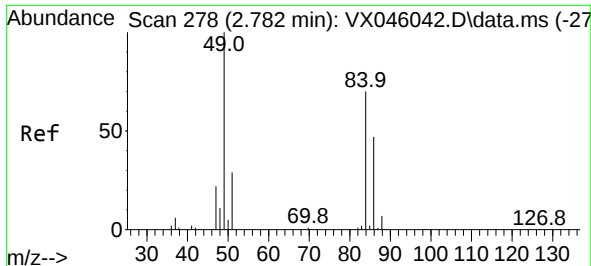
Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 19.4 21.2 31.8#



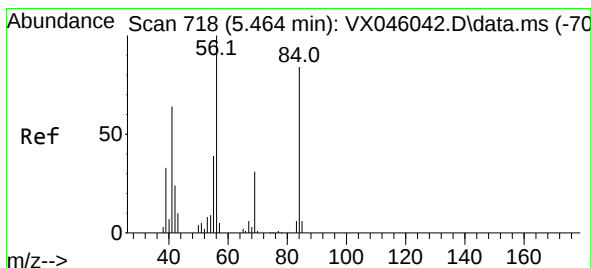
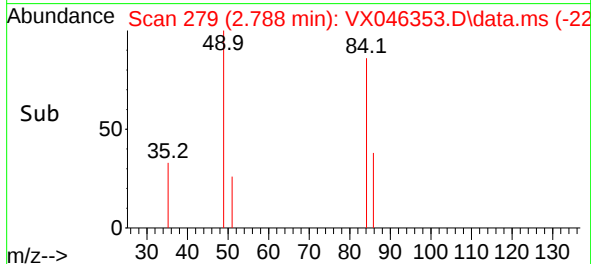
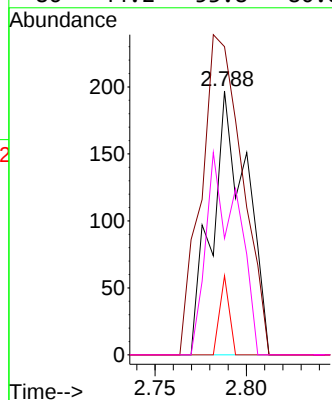
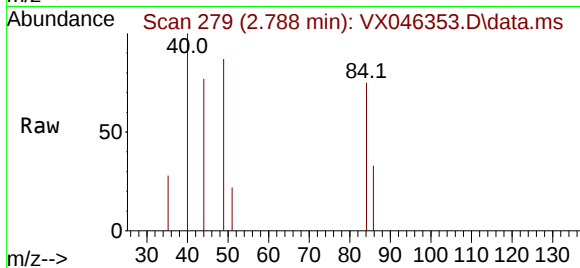


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 262

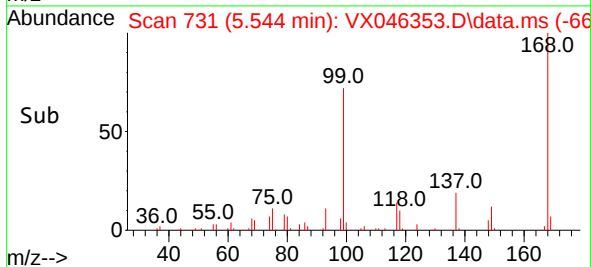
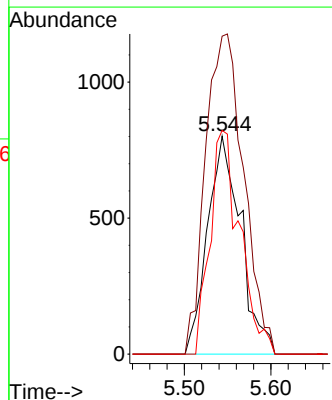
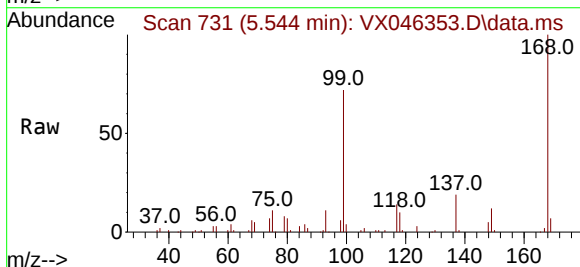
Ion	Ratio	Lower	Upper
84	100		
49	116.8	113.9	170.9
51	29.9	33.5	50.3#
86	44.2	53.8	80.8#

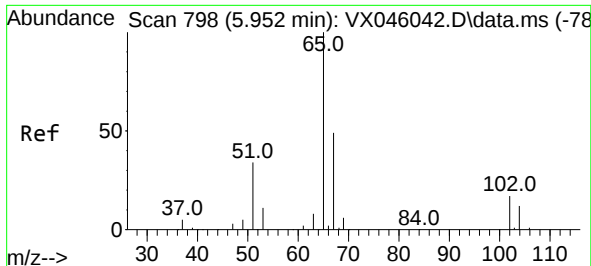


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 56 Resp: 2139

Ion	Ratio	Lower	Upper
56	100		
69	145.9	24.4	36.6#
84	102.6	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.726 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046353.D

Acq: 23 May 2025 18:22

Instrument :

MSVOA_X

ClientSampleId :

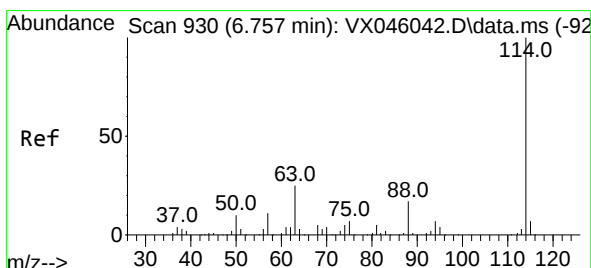
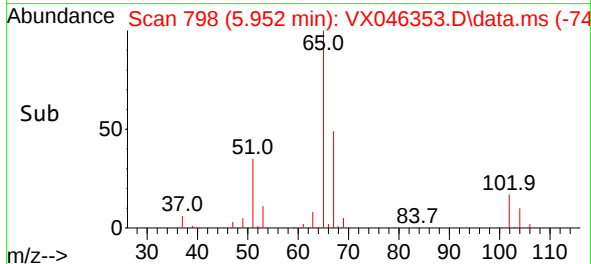
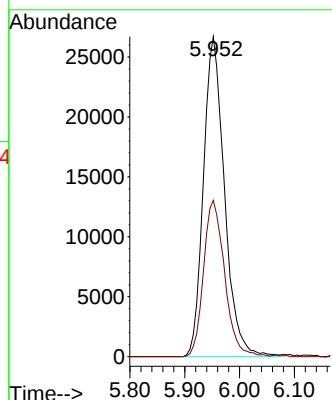
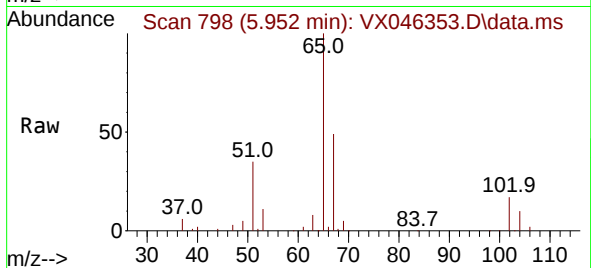
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 71204

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046353.D

Acq: 23 May 2025 18:22

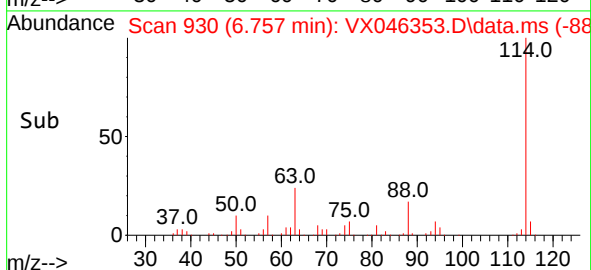
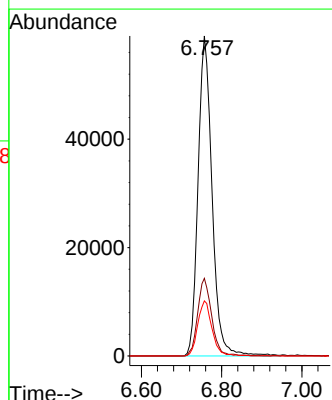
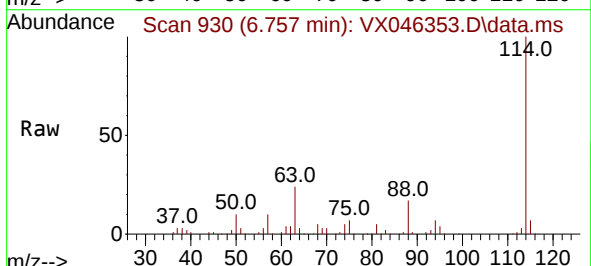
Tgt Ion: 114 Resp: 143070

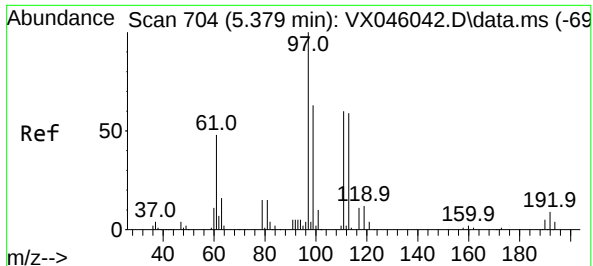
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.2 0.0 33.6

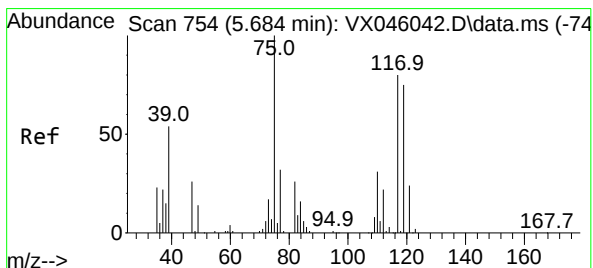
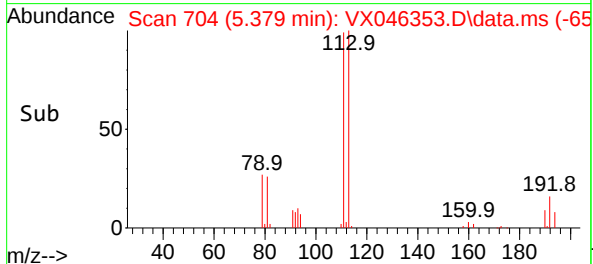
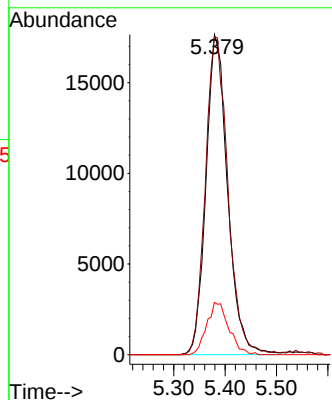
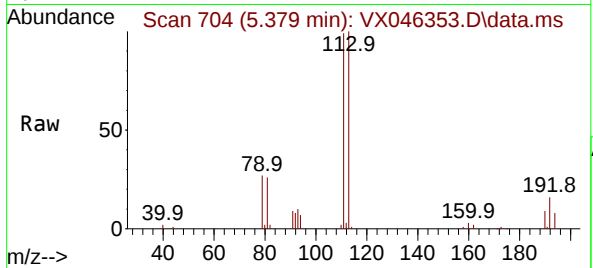




#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

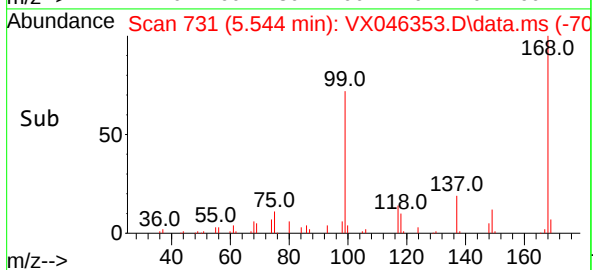
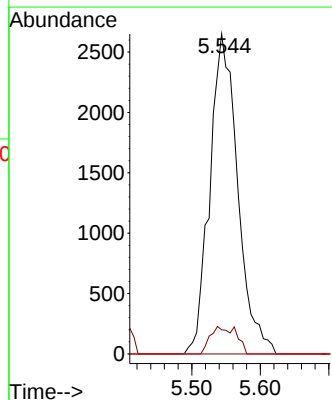
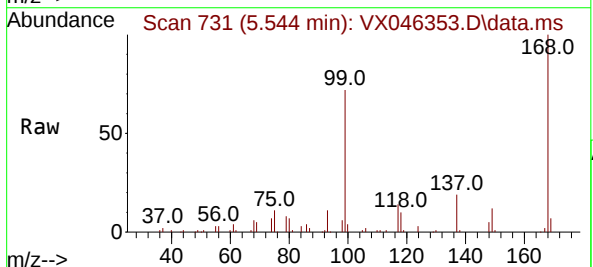
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

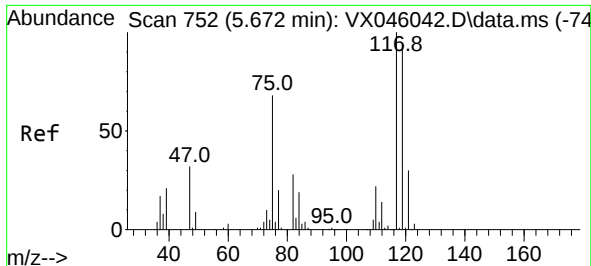
Tgt Ion:113 Resp: 51680
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 75 Resp: 7493
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.3 36.5#

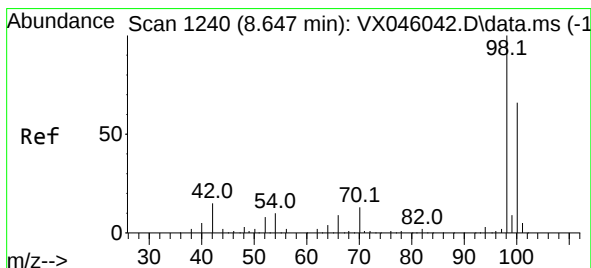
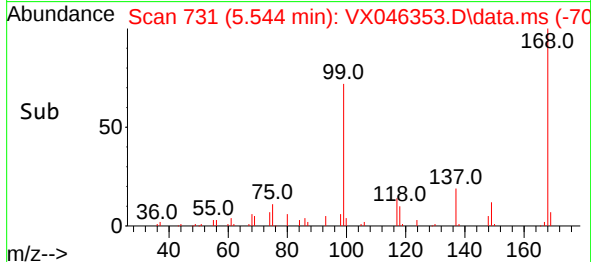
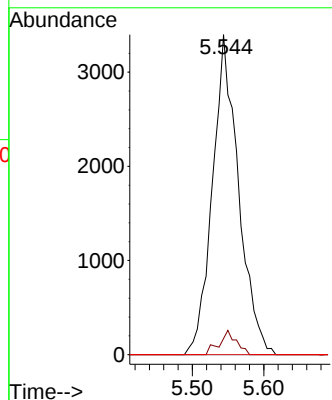
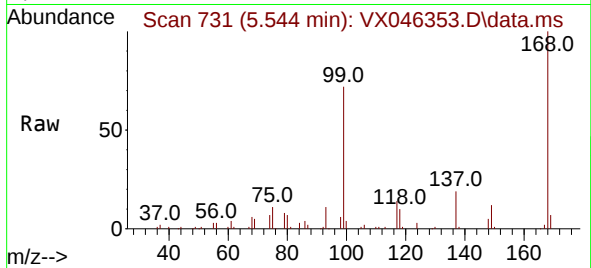




#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

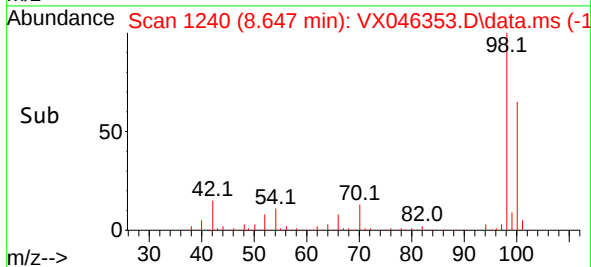
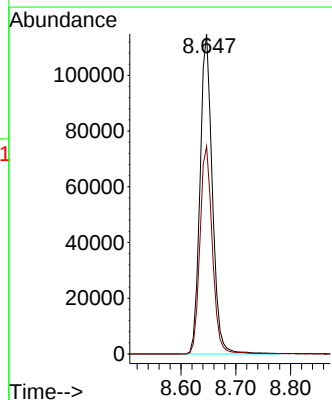
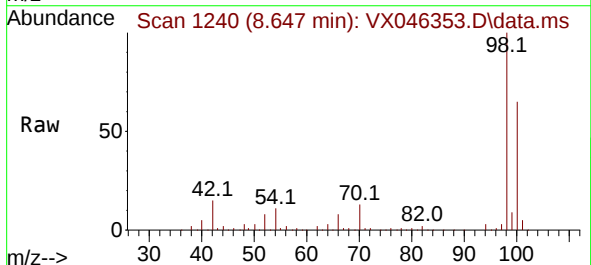
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

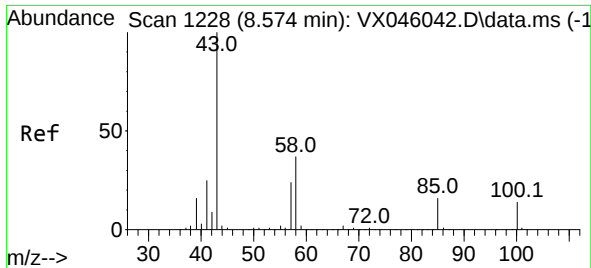
Tgt Ion:117 Resp: 8606
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 98 Resp: 179002
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

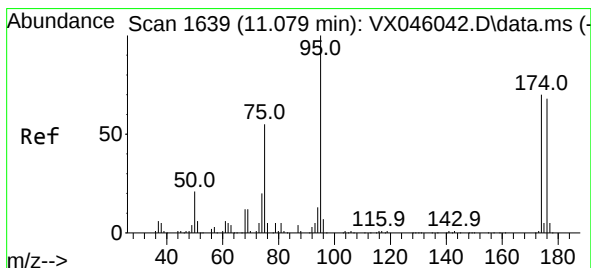
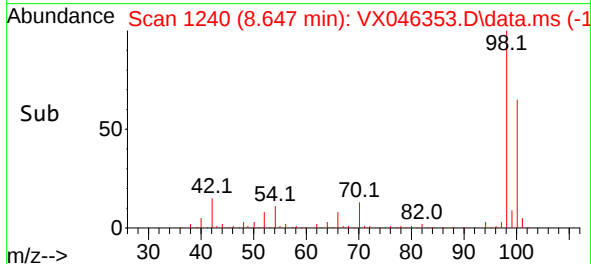
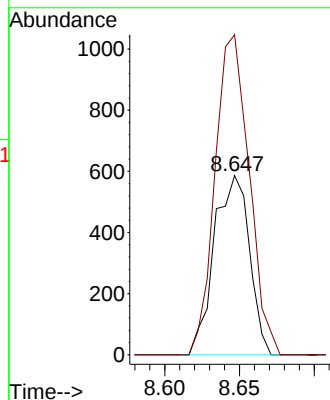
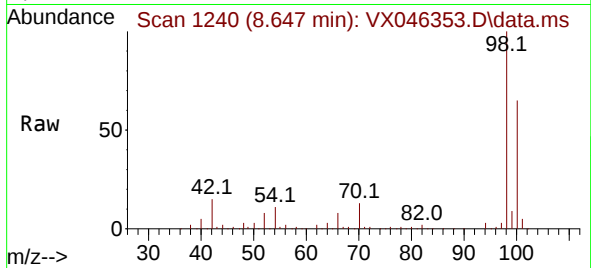




#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

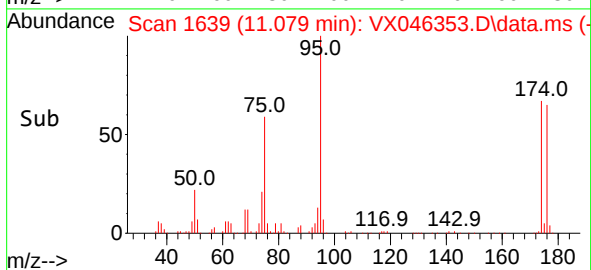
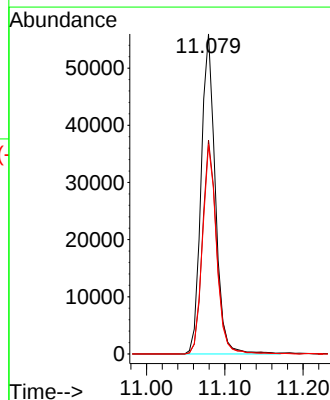
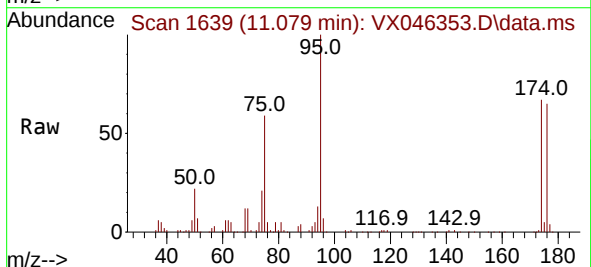
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

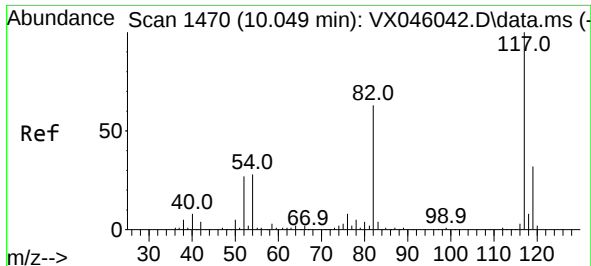
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 173.2 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 95 Resp: 70393
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 0.0 131.4

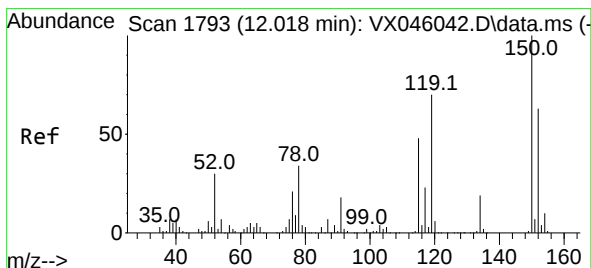
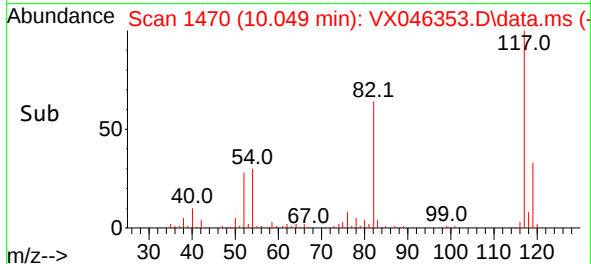
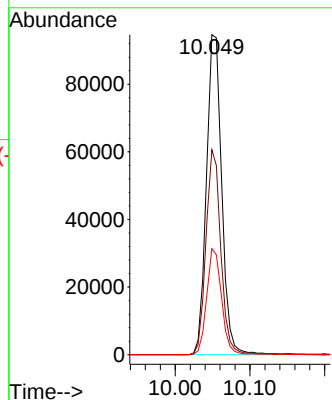
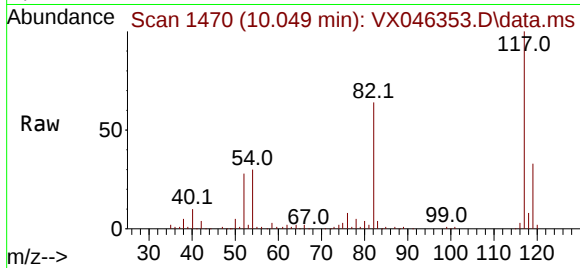




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

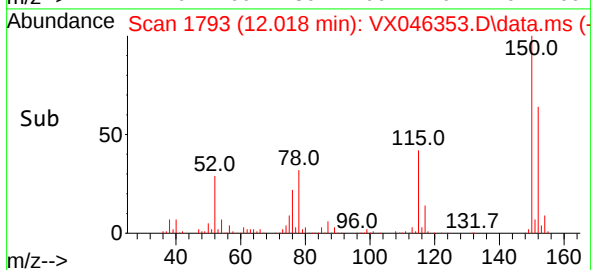
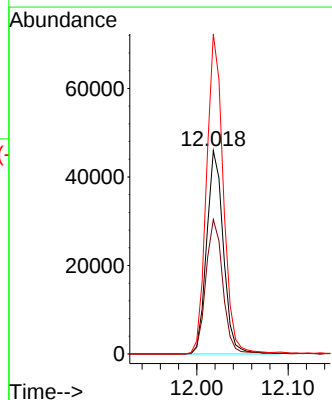
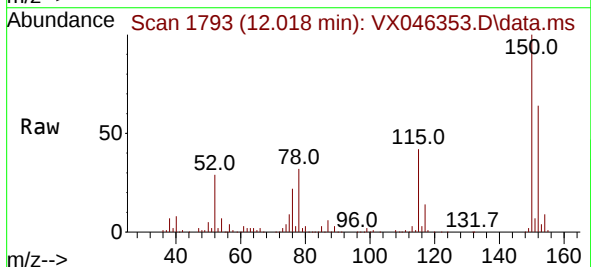
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

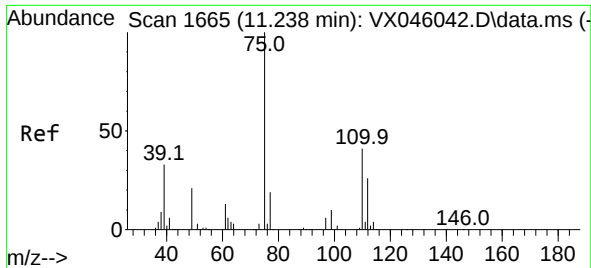
Tgt Ion:117 Resp: 134800
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion:152 Resp: 58155
Ion Ratio Lower Upper
152 100
115 67.4 46.9 140.7
150 157.4 0.0 351.0

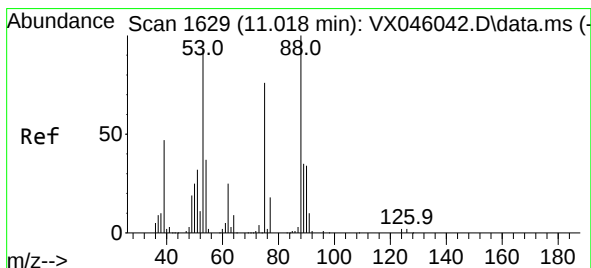
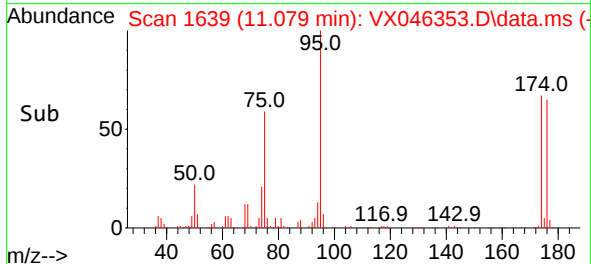
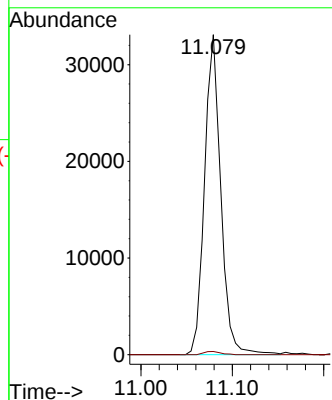
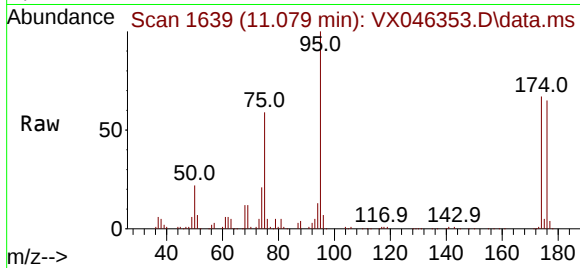




#76
1,2,3-Trichloropropane
Concen: 29.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 40734
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 75 Resp: 40734
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

