

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060925\
 Data File : VV038771.D
 Acq On : 09 Jun 2025 17:29
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 10 09:11:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 09:06:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	562893	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	577835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	256788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	219541	46.899	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.800%	
7) Chloroethane-d5	1.542	69	205761	48.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.040%	
11) 1,1-Dichloroethene-d2	2.069	65	107106	46.486	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.980%	
21) 2-Butanone-d5	3.786	46	393432	107.766	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.770%	
24) Chloroform-d	4.253	84	462136	46.339	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.680%	
26) 1,2-Dichloroethane-d4	4.941	65	297601	51.115	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.240%	
32) Benzene-d6	4.960	84	908095	49.809	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.620%	
36) 1,2-Dichloropropane-d6	5.986	67	308054	50.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.740%	
41) Toluene-d8	7.236	98	768505	47.736	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.480%	
43) trans-1,3-Dichloroprop...	7.548	79	122393	46.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.700%	
47) 2-Hexanone-d5	8.014	63	264013	105.093	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.090%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	426255	47.443	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.880%	
66) 1,2-Dichlorobenzene-d4	11.548	152	268182	53.812	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	9497	1.436	ug/L	99
3) Chloromethane	1.227	50	11762	1.760	ug/L	94
6) Bromomethane	1.497	94	6087	1.774	ug/L	100
8) Chloroethane	1.558	64	6338	1.528	ug/L	100
9) Trichlorofluoromethane	1.722	101	13882	1.523	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	10658	1.976	ug/L #	79
12) 1,1-Dichloroethene	2.079	96	9163	1.884	ug/L #	1
13) Acetone	2.121	43	9790	3.977	ug/L	91
14) Carbon disulfide	2.249	76	22996	1.547	ug/L	96
17) trans-1,2-Dichloroethene	2.712	96	7268	1.486	ug/L	81
19) 1,1-Dichloroethane	3.127	63	13719	1.350	ug/L #	95
20) cis-1,2-Dichloroethene	3.825	96	5901	1.123	ug/L	94
23) Bromochloromethane	4.175	128	3997	1.426	ug/L	82
29) Cyclohexane	4.587	56	10272	1.243	ug/L	86
30) 1,1,1-Trichloroethane	4.519	97	13424	1.579	ug/L #	77
31) Carbon tetrachloride	4.744	117	10798	1.464	ug/L	98
33) Benzene	5.021	78	28109	1.383	ug/L	100
34) Trichloroethene	5.847	95	8318	1.544	ug/L	91
35) Methylcyclohexane	6.047	83	8499	1.006	ug/L #	67

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 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 09:06:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Bromodichloromethane	6.445	83	11230	1.478	ug/L #	98
39) cis-1,3-Dichloropropene	6.963	75	11193	1.330	ug/L	96
42) Toluene	7.326	91	30559	1.456	ug/L	89
45) 1,1,2-Trichloroethane	7.776	97	7917	1.379	ug/L	93
46) Tetrachloroethene	7.908	164	6017	1.519	ug/L	84
49) Dibromochloromethane	8.175	129	8145	1.397	ug/L	95
50) 1,2-Dibromoethane	8.284	107	8282	1.404	ug/L	94
51) Chlorobenzene	8.812	112	22011	1.554	ug/L	97
52) Ethylbenzene	8.947	91	27653	1.223	ug/L	97
53) m,p-Xylene	9.085	106	9814	1.183	ug/L	81
54) o-Xylene	9.477	106	8860	1.104	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.169	83	16025	1.691	ug/L #	95
59) Bromoform	9.664	173	5548	1.548	ug/L #	99
60) Isopropylbenzene	9.863	105	23492	1.284	ug/L	95
61) 1,2,3-Trichloropropane	10.204	75	9965	1.588	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.471	105	15774	1.108	ug/L	92
63) 1,2,4-Trimethylbenzene	10.847	105	16658	1.185	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	11959	1.368	ug/L	89
65) 1,4-Dichlorobenzene	11.201	146	17213	1.830	ug/L	94
67) 1,2-Dichlorobenzene	11.567	146	15559	1.762	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.368	75	3133	1.747	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.577	180	8534	1.477	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	6813	1.379	ug/L	93
71) Naphthalene	13.439	128	19022	1.084	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.673	180	6356	1.233	ug/L	97

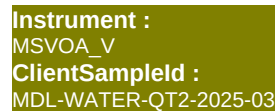
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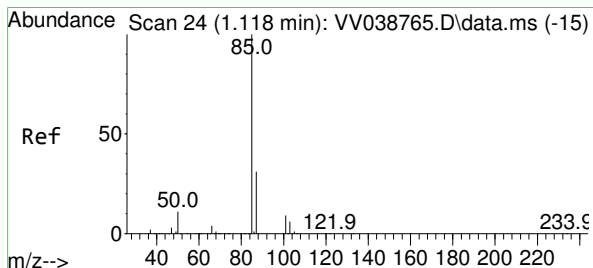
Instrument :
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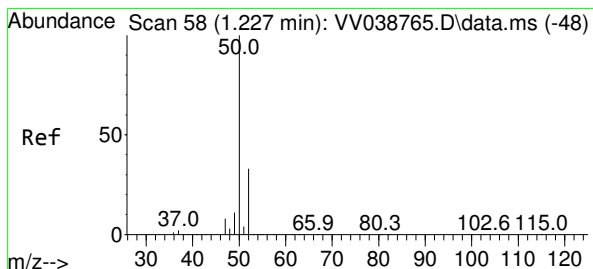
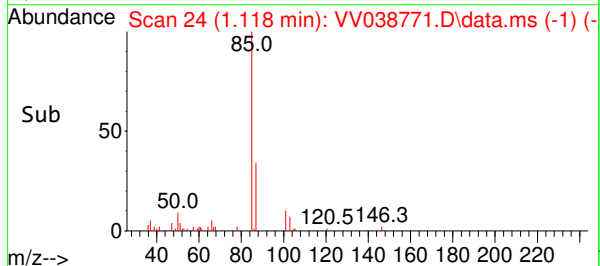
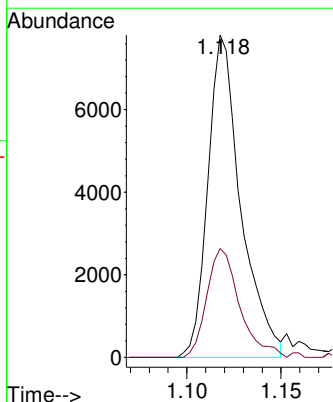
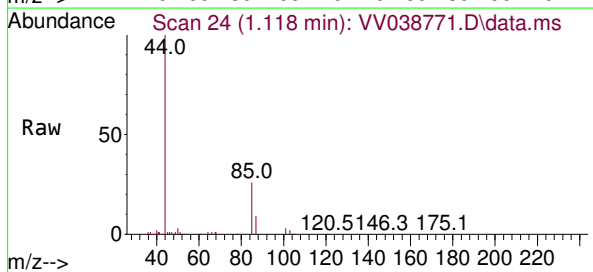




#2
Dichlorodifluoromethane
Concen: 1.436 ug/L
RT: 1.118 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038771.D
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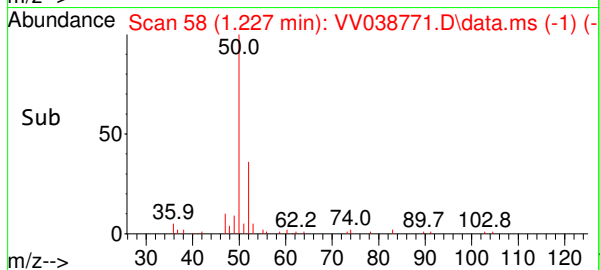
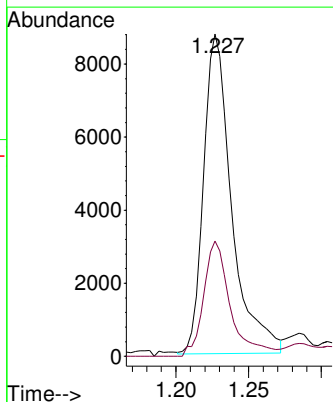
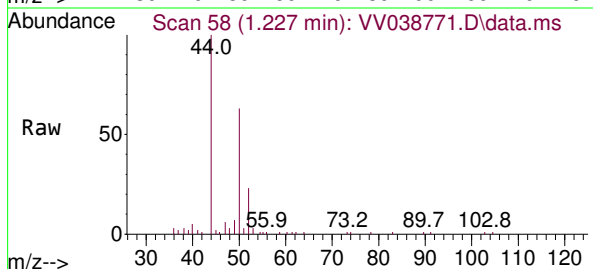
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

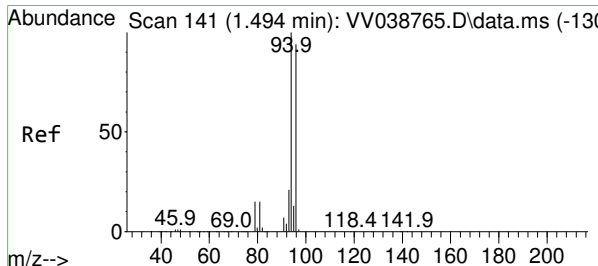
Tgt Ion: 85 Resp: 9497
Ion Ratio Lower Upper
85 100
87 33.0 25.8 38.6



#3
Chloromethane
Concen: 1.760 ug/L
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 50 Resp: 11762
Ion Ratio Lower Upper
50 100
52 35.7 22.7 42.3

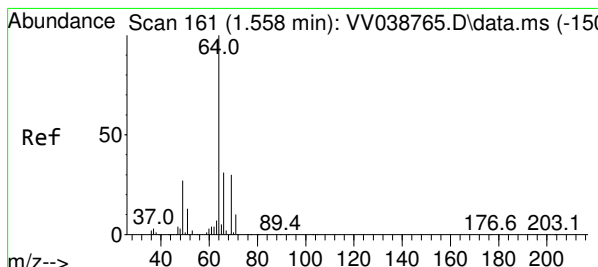
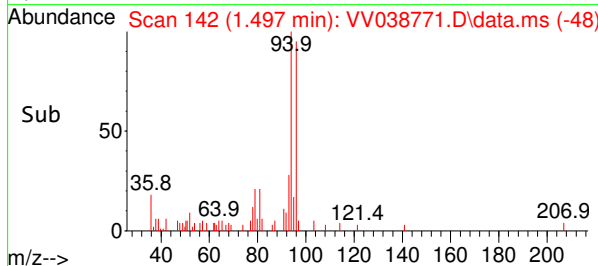
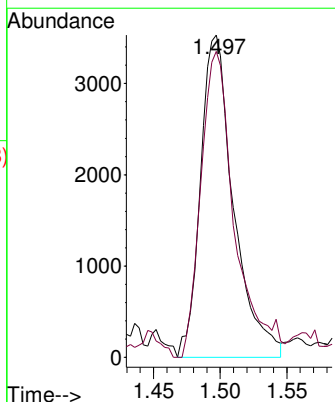
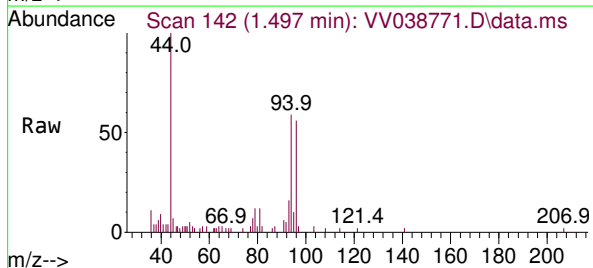




#6
Bromomethane
Concen: 1.774 ug/L
RT: 1.497 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

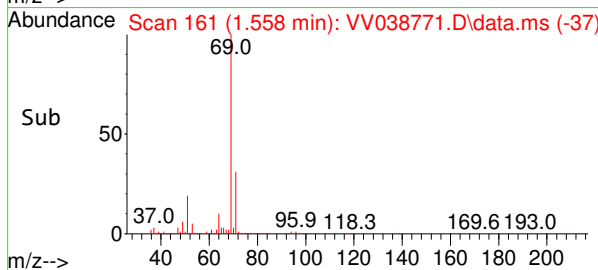
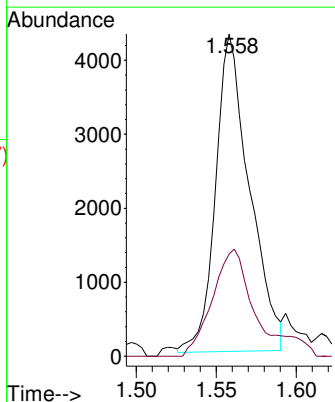
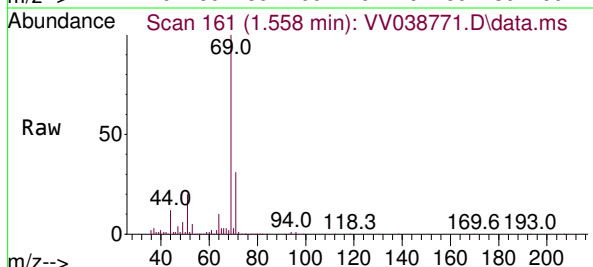
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

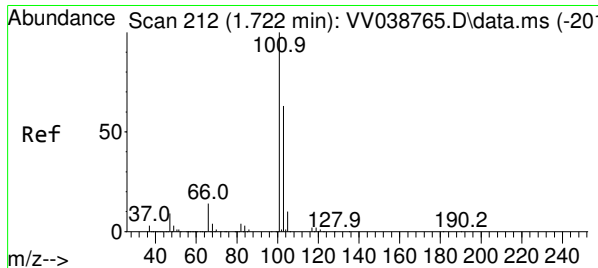
Tgt Ion: 94 Resp: 6087
Ion Ratio Lower Upper
94 100
96 94.9 66.1 122.8



#8
Chloroethane
Concen: 1.528 ug/L
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 64 Resp: 6338
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5

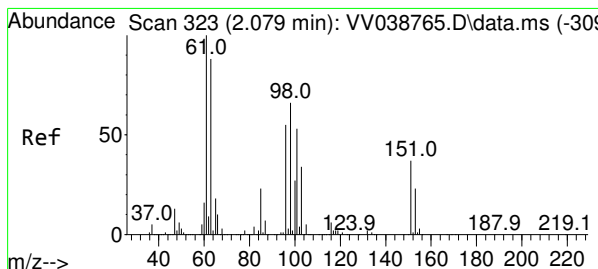
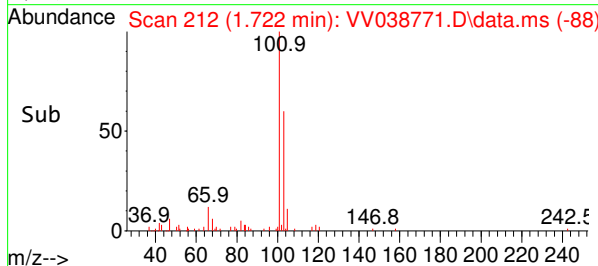
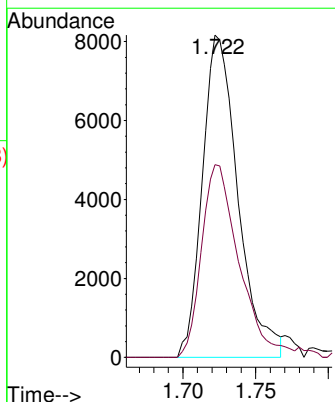
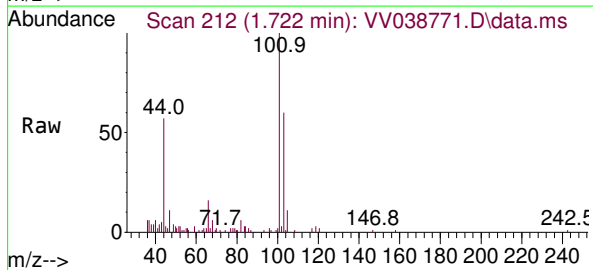




#9
Trichlorofluoromethane
Concen: 1.523 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

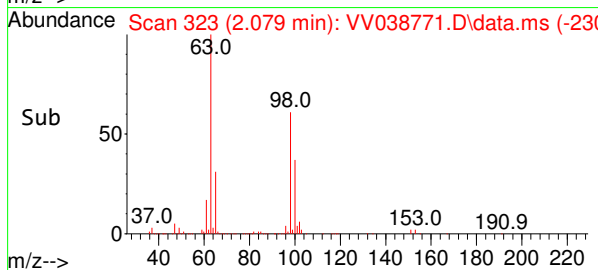
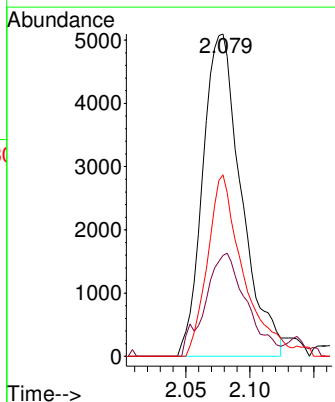
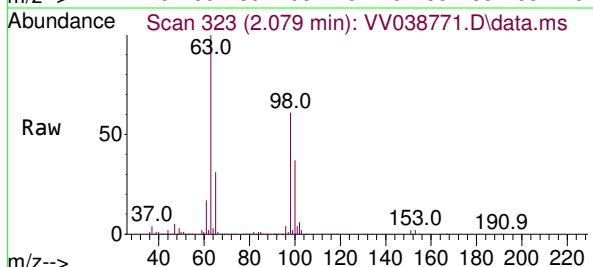
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

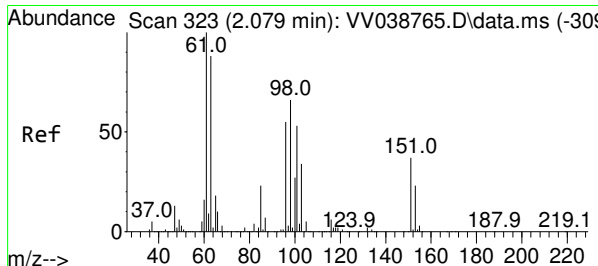
Tgt Ion:101 Resp: 13882
Ion Ratio Lower Upper
101 100
103 63.1 51.7 77.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.976 ug/L
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:101 Resp: 10658
Ion Ratio Lower Upper
101 100
85 30.5 34.7 52.1#
151 51.9 55.3 82.9#

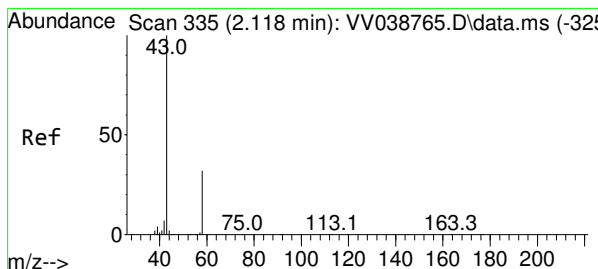
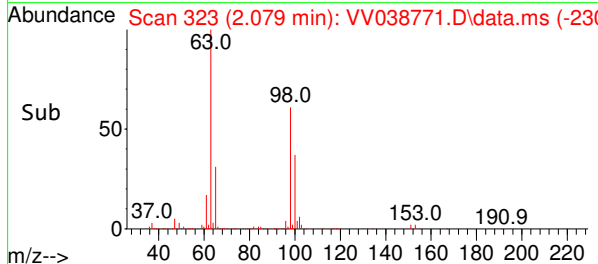
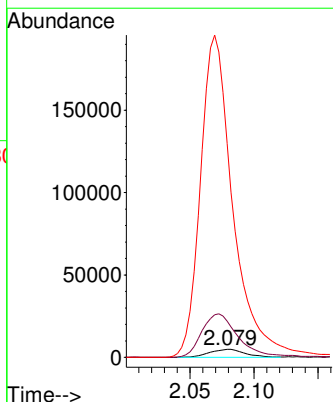
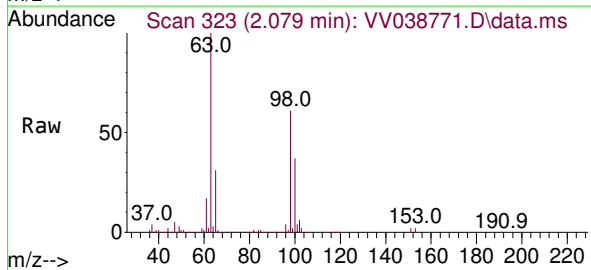




#12
1,1-Dichloroethene
Concen: 1.884 ug/L
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

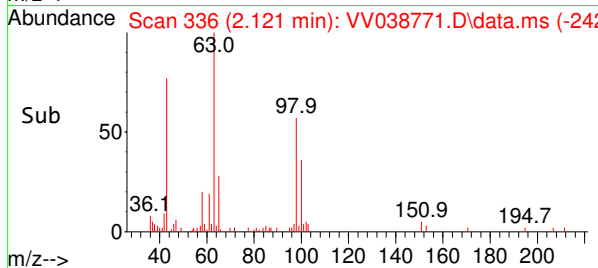
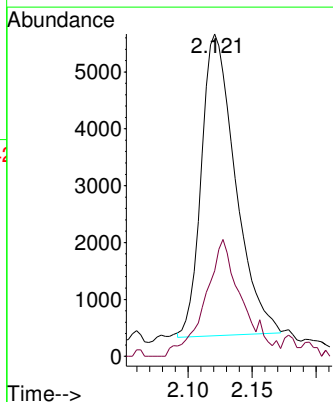
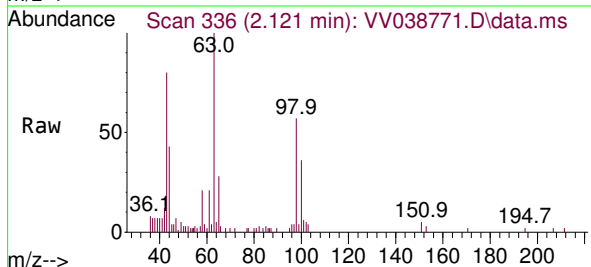
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

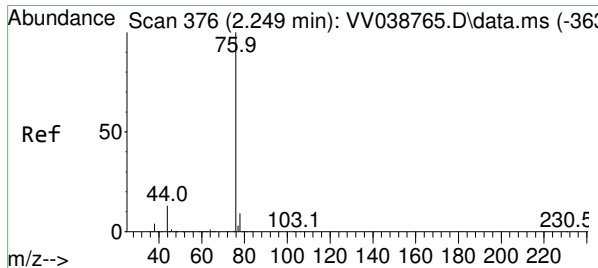
Tgt Ion: 96 Resp: 9163
Ion Ratio Lower Upper
96 100
61 448.3 120.9 224.5#
63 2639.1 110.9 205.9#



#13
Acetone
Concen: 3.977 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 43 Resp: 9790
Ion Ratio Lower Upper
43 100
58 38.6 0.0 67.2

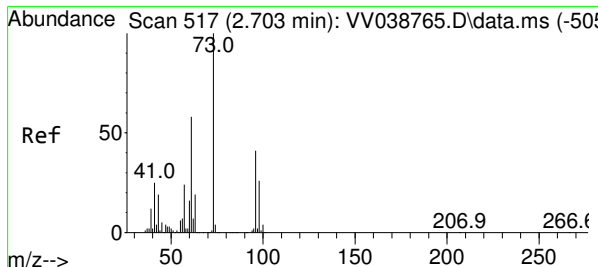
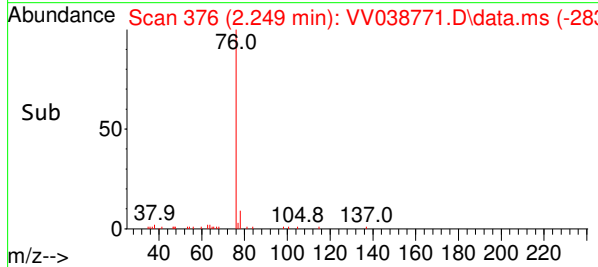
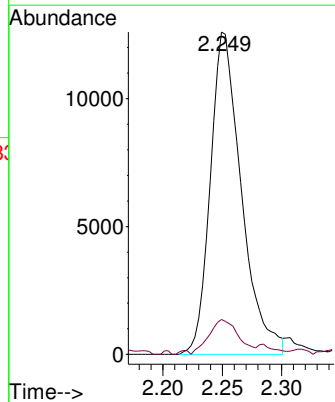
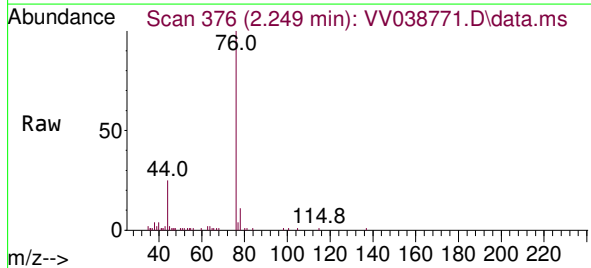




#14
Carbon disulfide
Concen: 1.547 ug/L
RT: 2.249 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

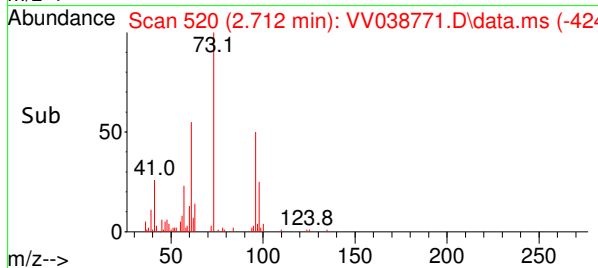
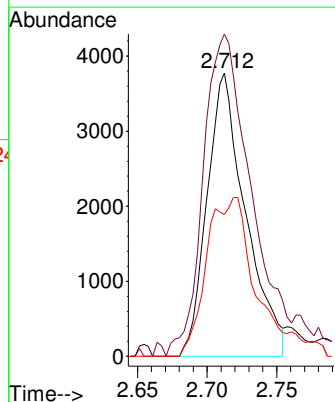
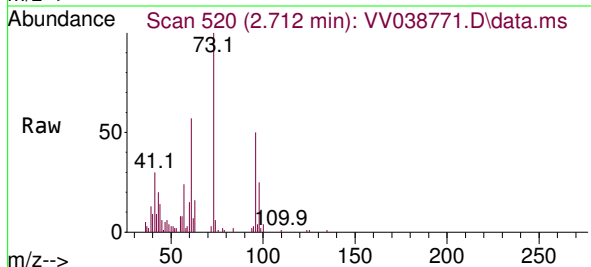
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

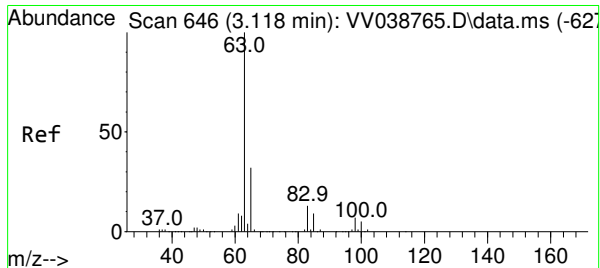
Tgt Ion: 76 Resp: 22996
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#17
trans-1,2-Dichloroethene
Concen: 1.486 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.010 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 96 Resp: 7268
Ion Ratio Lower Upper
96 100
61 113.8 95.7 177.7
98 50.1 46.4 86.2

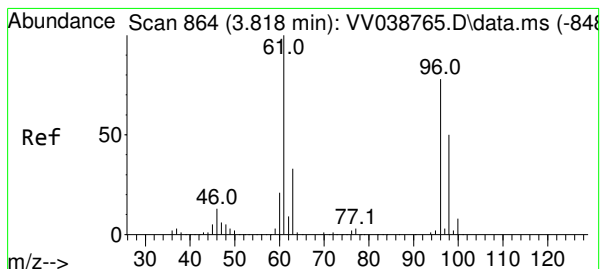
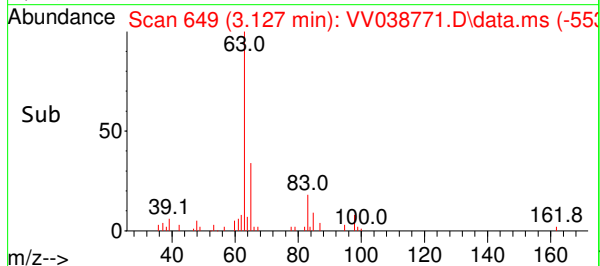
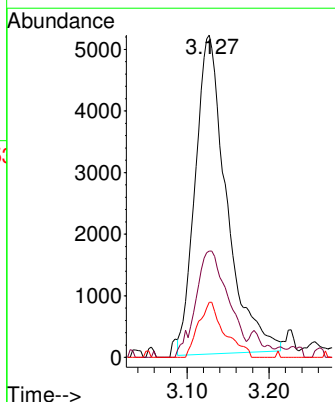
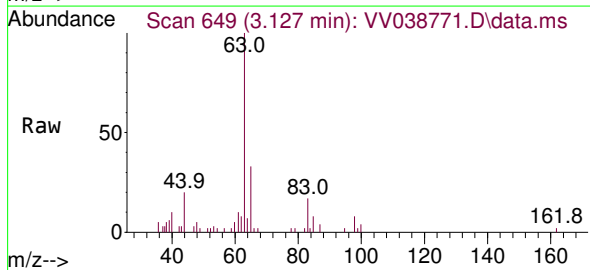




#19
1,1-Dichloroethane
Concen: 1.350 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.010 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

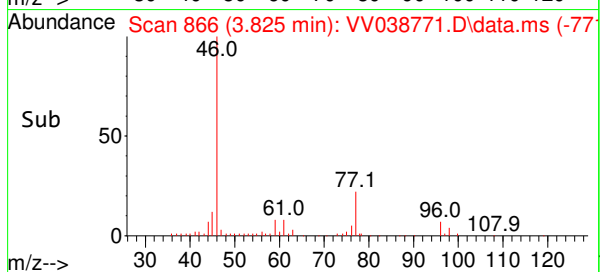
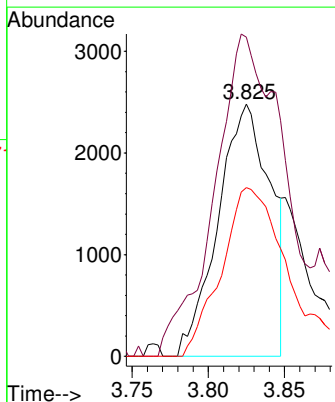
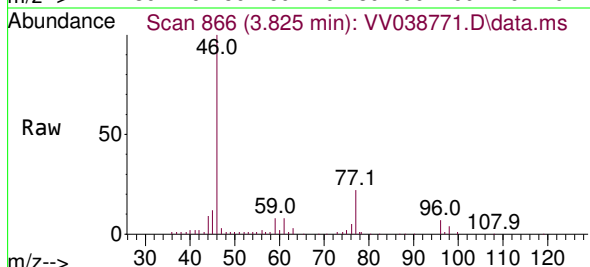
Instrument : MSVOA_V
ClientSampleId : VV038771.D
MDL-WATER-QT2-2025-03

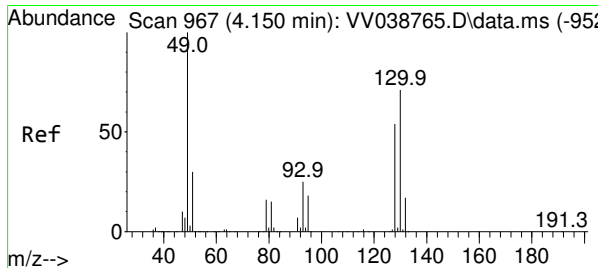
Tgt Ion:	63	Resp:	13719
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.6	42.0
83	19.3	9.8	18.2



#20
cis-1,2-Dichloroethene
Concen: 1.123 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	96	Resp:	5901
Ion	Ratio	Lower	Upper
96	100		
61	126.5	83.5	155.1
98	66.9	44.6	82.8

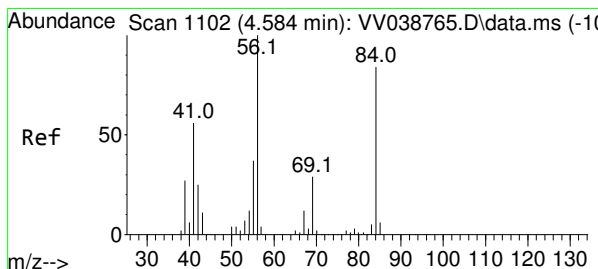
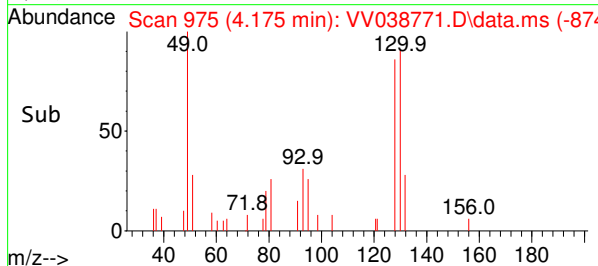
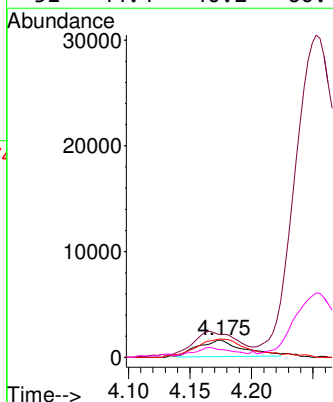
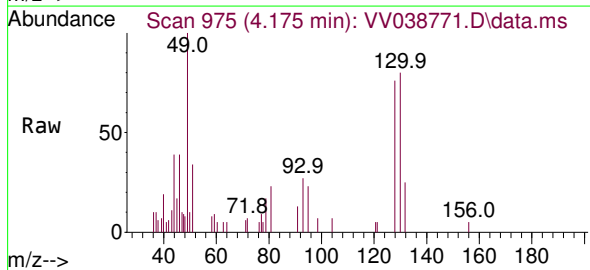




#23
Bromochloromethane
Concen: 1.426 ug/L
RT: 4.175 min Scan# 9
Delta R.T. 0.026 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

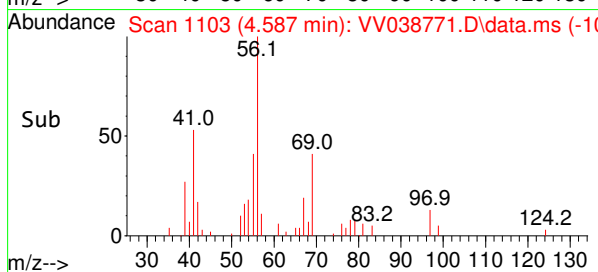
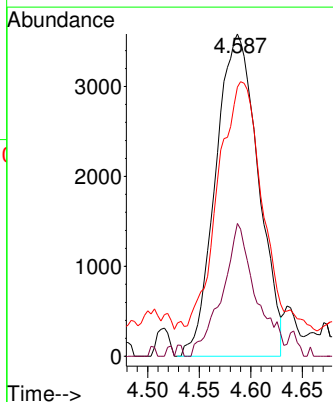
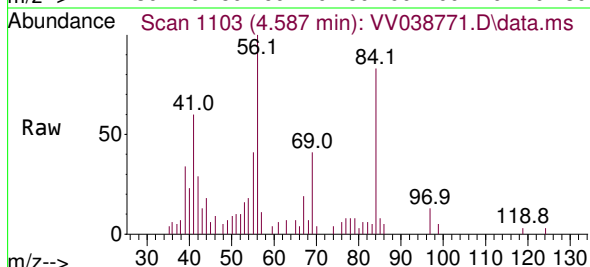
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

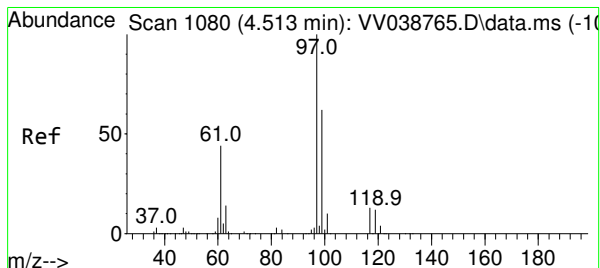
Tgt Ion:	128	Resp:	3997
Ion	Ratio	Lower	Upper
128	100		
49	131.4	106.7	198.3
130	104.8	93.2	173.2
51	44.4	40.2	60.4



#29
Cyclohexane
Concen: 1.243 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	56	Resp:	10272
Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.8	37.2
84	75.0	73.7	110.5





#30

1,1,1-Trichloroethane

Concen: 1.579 ug/L

RT: 4.519 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

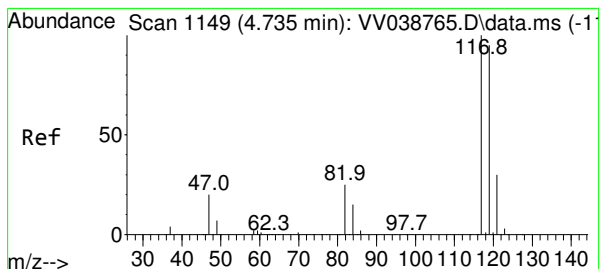
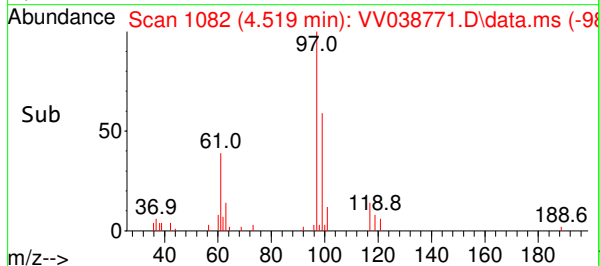
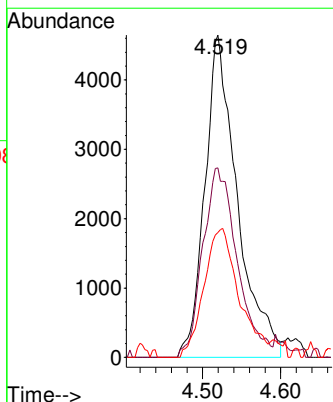
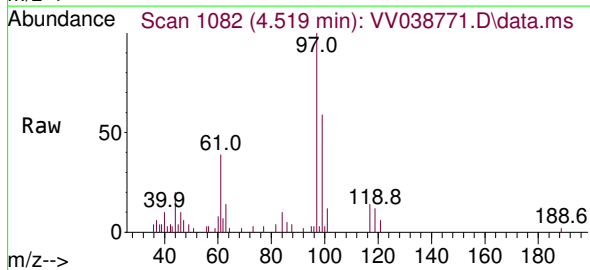
Tgt Ion: 97 Resp: 13424

Ion Ratio Lower Upper

97 100

99 36.2 52.3 78.5#

61 41.6 33.6 50.4



#31

Carbon tetrachloride

Concen: 1.464 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. 0.010 min

Lab File: VV038771.D

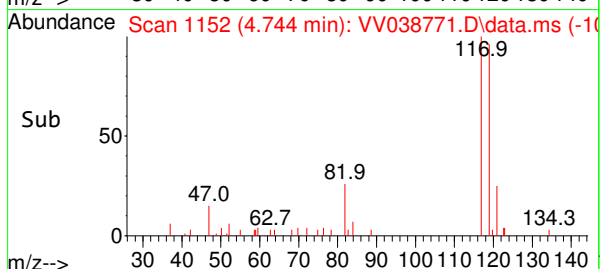
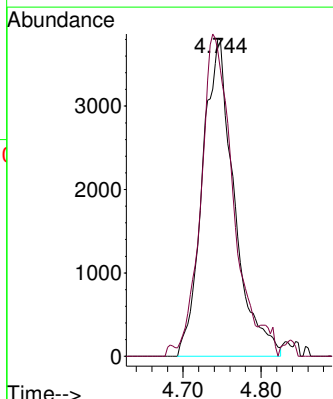
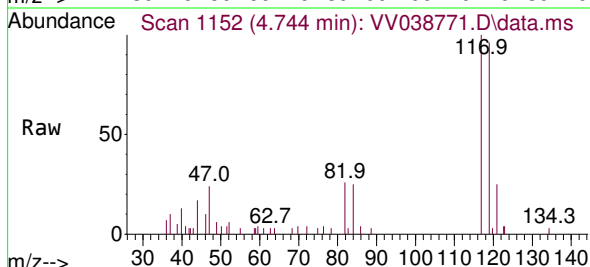
Acq: 09 Jun 2025 17:29

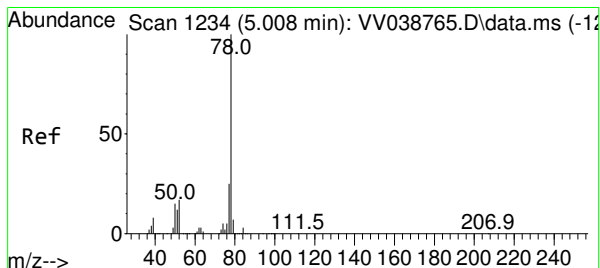
Tgt Ion: 117 Resp: 10798

Ion Ratio Lower Upper

117 100

119 94.9 77.7 116.5

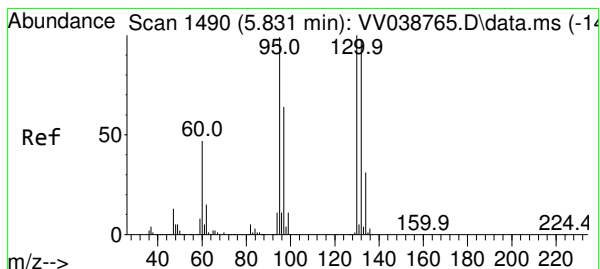
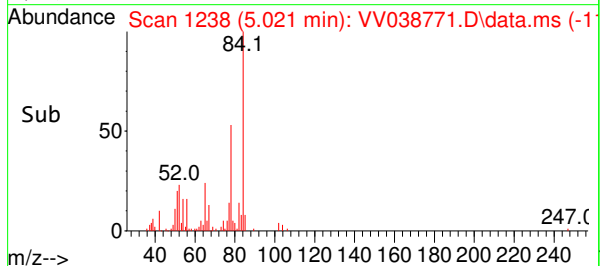
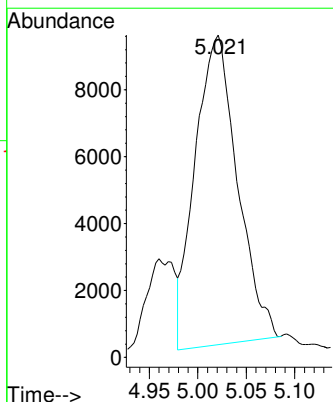
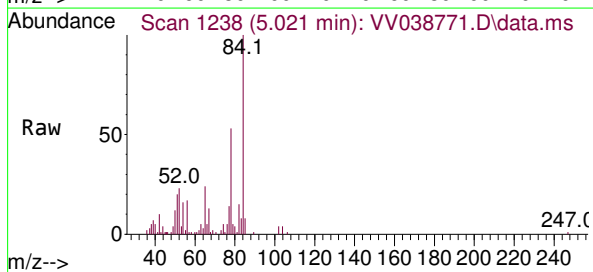




#33
Benzene
Concen: 1.383 ug/L
RT: 5.021 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 78 Resp: 28109

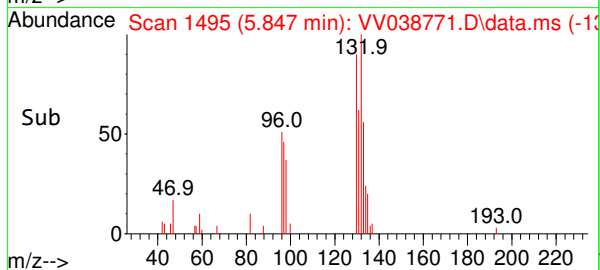
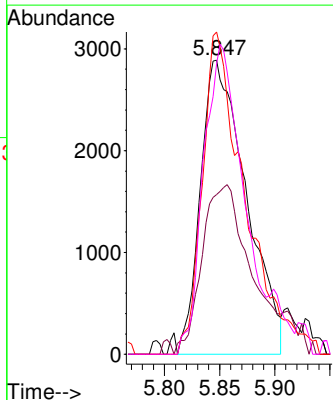
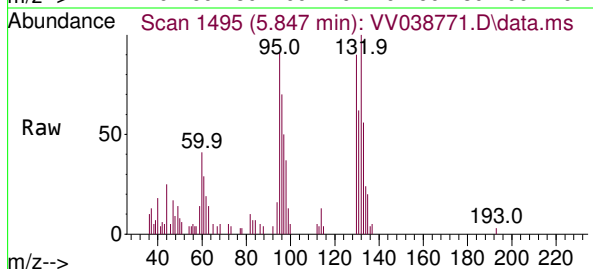
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

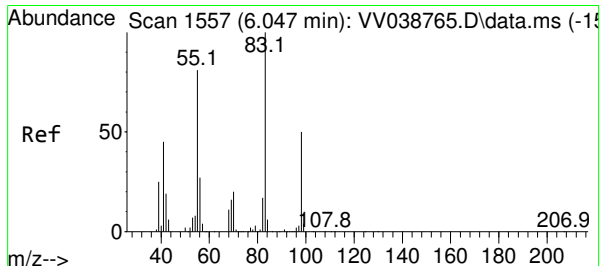


#34
Trichloroethene
Concen: 1.544 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion: 95 Resp: 8318

Ion	Ratio	Lower	Upper
95	100		
97	54.3	45.6	84.8
132	109.6	67.6	125.6
130	98.8	70.8	131.6

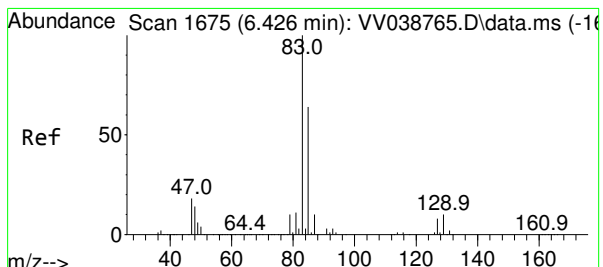
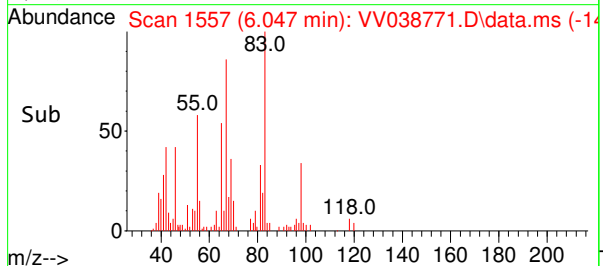
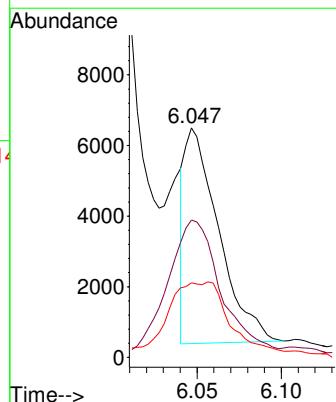
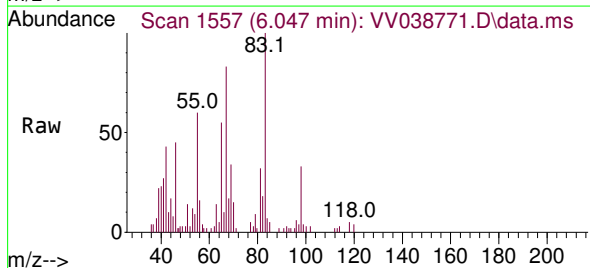




#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

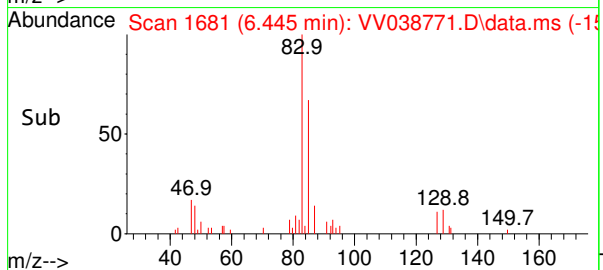
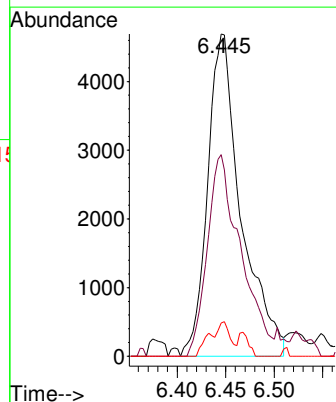
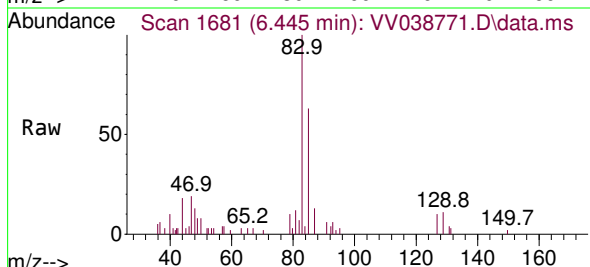
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

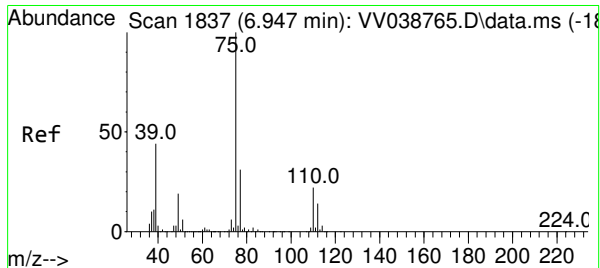
Tgt Ion:	83	Resp:	8499
Ion	Ratio	Lower	Upper
83	100		
55	103.4	59.0	88.6#
98	29.1	39.5	59.3#



#38
Bromodichloromethane
Concen: 1.478 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	83	Resp:	11230
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.9	83.5
127	10.4	6.8	10.2#

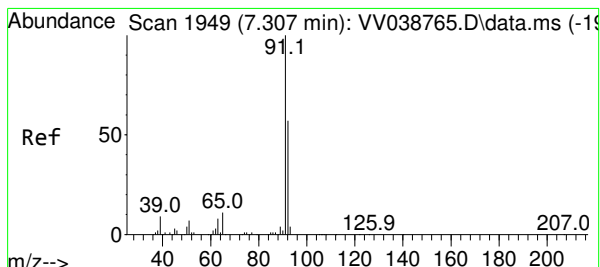
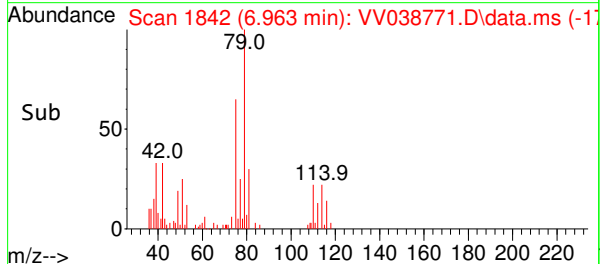
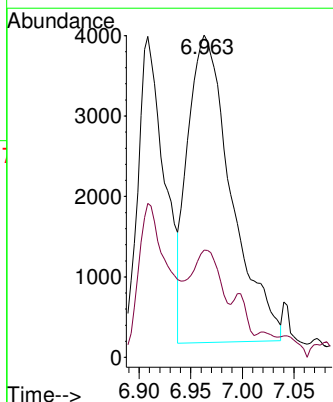
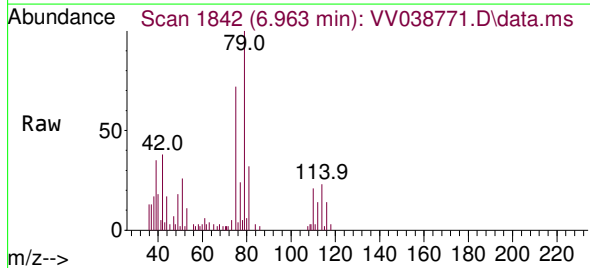




#39
 cis-1,3-Dichloropropene
 Concen: 1.330 ug/L
 RT: 6.963 min Scan# 1
 Delta R.T. 0.016 min
 Lab File: VV038771.D
 Acq: 09 Jun 2025 17:29

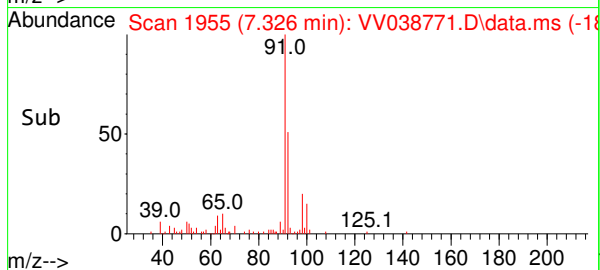
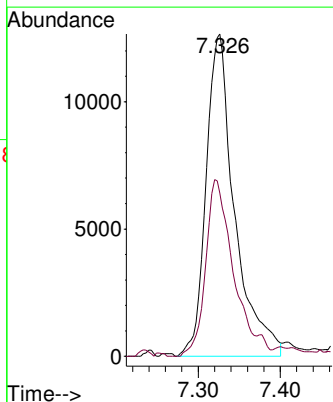
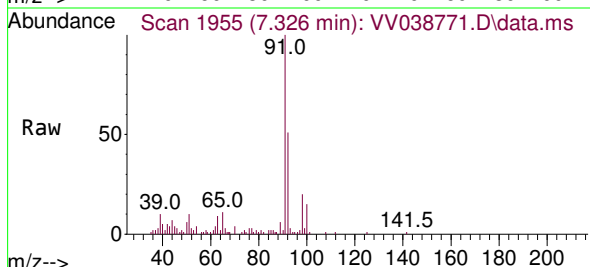
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-03

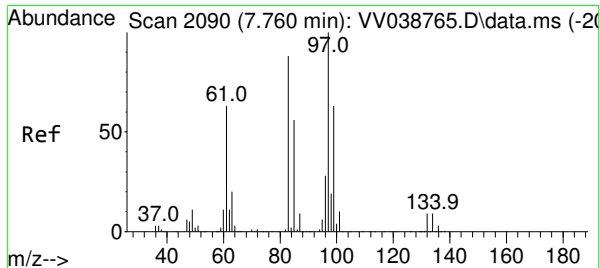
Tgt Ion: 75 Resp: 11193
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.9 40.7



#42
 Toluene
 Concen: 1.456 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038771.D
 Acq: 09 Jun 2025 17:29

Tgt Ion: 91 Resp: 30559
 Ion Ratio Lower Upper
 91 100
 92 50.6 41.2 76.4

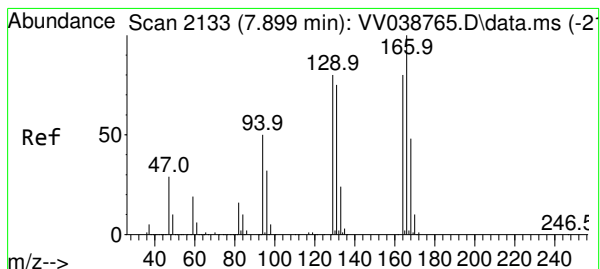
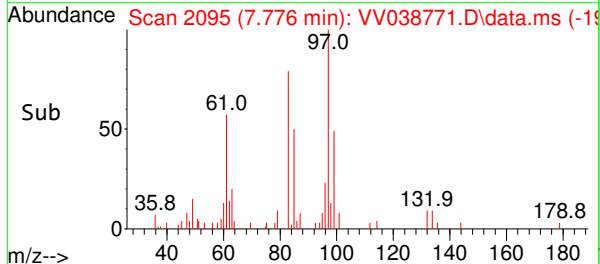
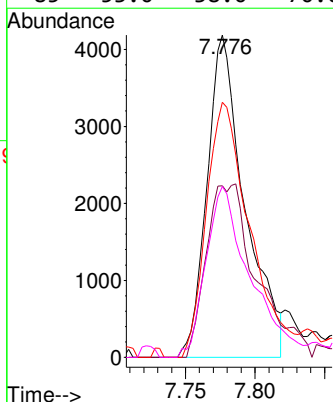
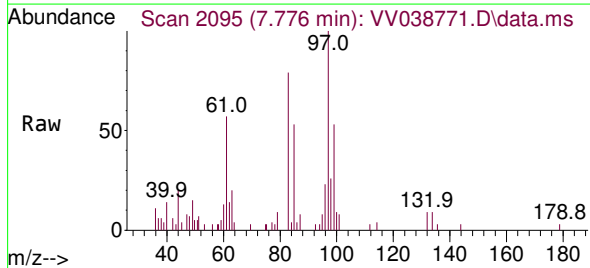




#45
1,1,2-Trichloroethane
Concen: 1.379 ug/L
RT: 7.776 min Scan# 2135
Delta R.T. 0.016 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

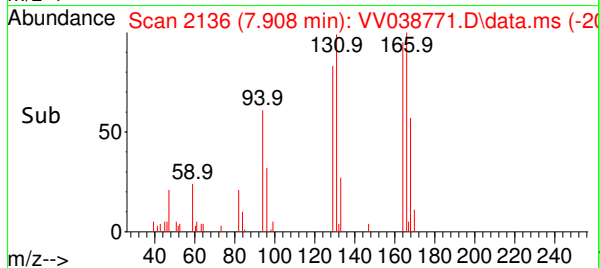
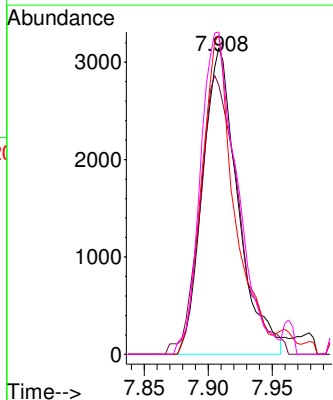
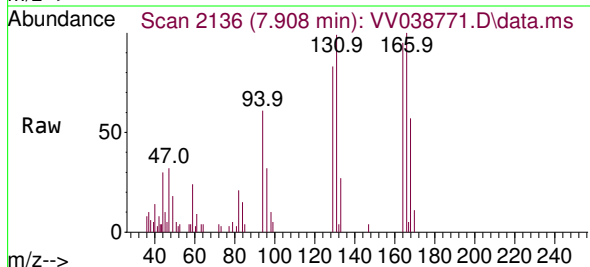
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

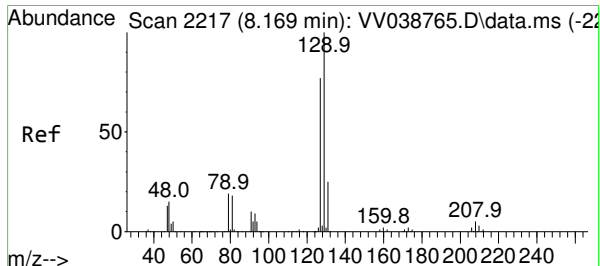
Tgt Ion:	97	Resp:	7917
Ion	Ratio	Lower	Upper
97	100		
99	53.3	43.6	81.0
83	79.1	60.5	112.5
85	53.0	38.0	70.6



#46
Tetrachloroethene
Concen: 1.519 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	164	Resp:	6017
Ion	Ratio	Lower	Upper
164	100		
129	87.8	69.2	128.4
131	104.1	63.1	117.3
166	105.1	89.7	166.5

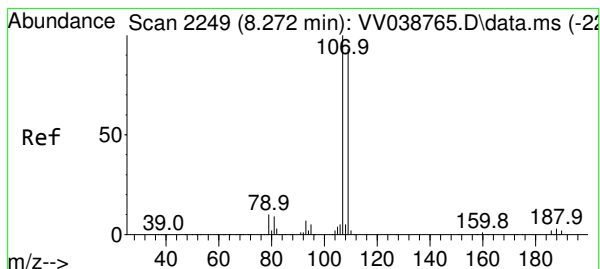
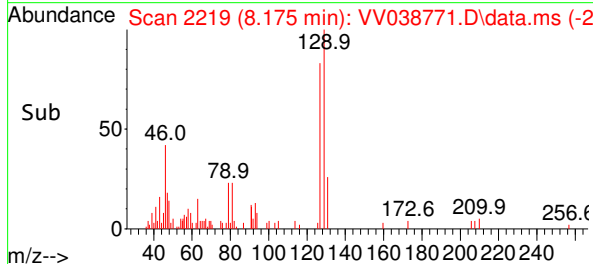
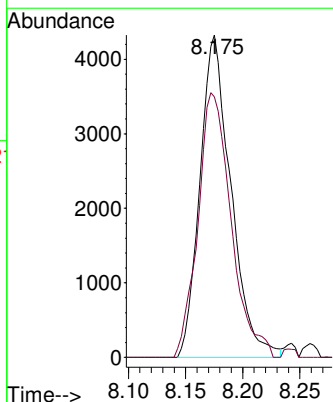
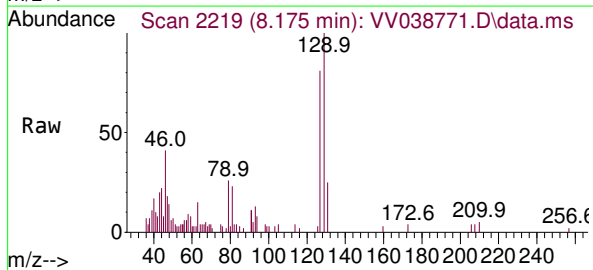




#49
 Dibromochloromethane
 Concen: 1.397 ug/L
 RT: 8.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038771.D
 Acq: 09 Jun 2025 17:29

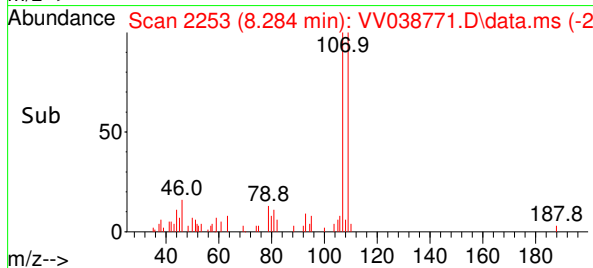
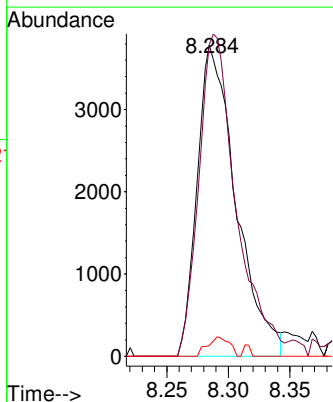
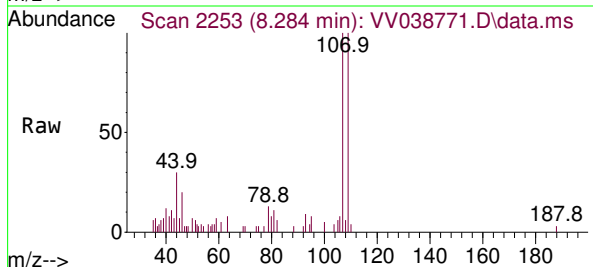
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

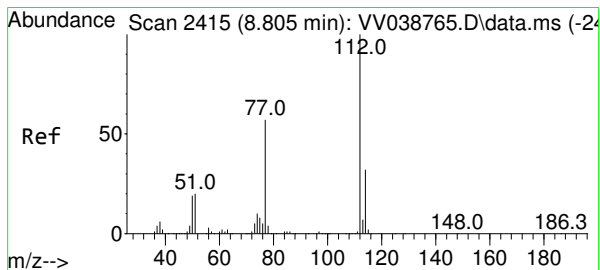
Tgt Ion:129 Resp: 8145
 Ion Ratio Lower Upper
 129 100
 127 80.8 53.8 100.0



#50
 1,2-Dibromoethane
 Concen: 1.404 ug/L
 RT: 8.284 min Scan# 2253
 Delta R.T. 0.013 min
 Lab File: VV038771.D
 Acq: 09 Jun 2025 17:29

Tgt Ion:107 Resp: 8282
 Ion Ratio Lower Upper
 107 100
 109 100.2 66.1 122.7
 188 3.5 2.6 3.8

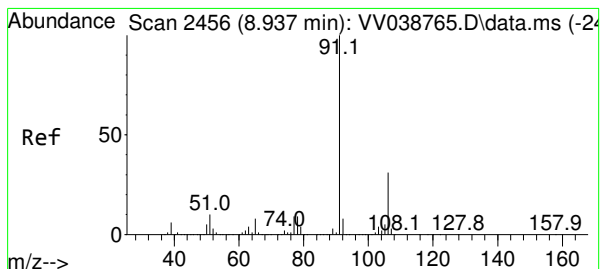
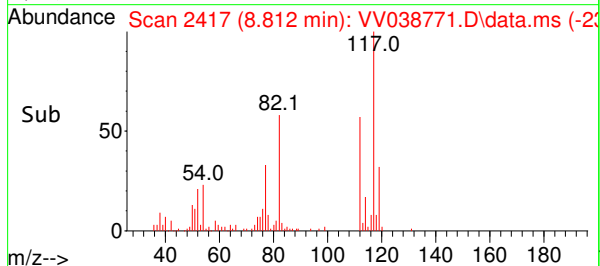
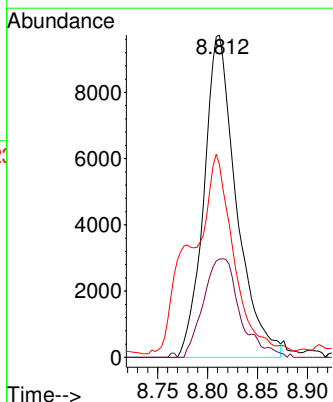
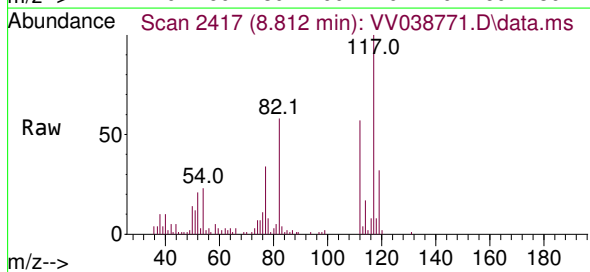




#51
Chlorobenzene
Concen: 1.554 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

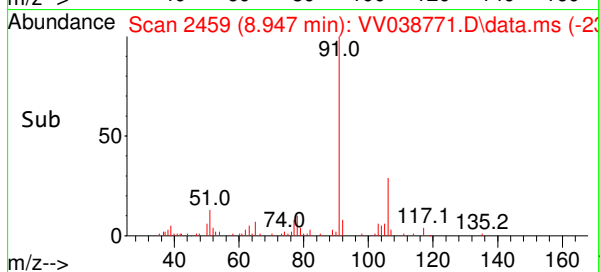
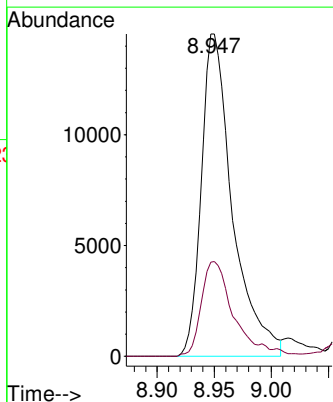
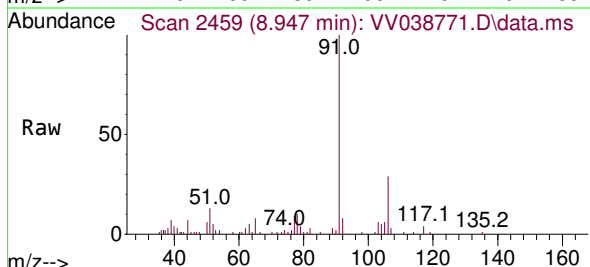
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

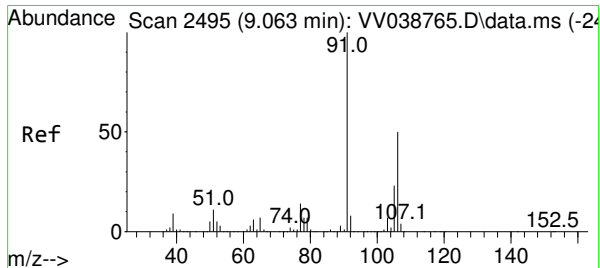
Tgt Ion:	112	Resp:	22011
Ion	Ratio	Lower	Upper
112	100		
114	30.5	21.9	40.7
77	59.6	45.4	68.0



#52
Ethylbenzene
Concen: 1.223 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	91	Resp:	27653
Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.6	40.0

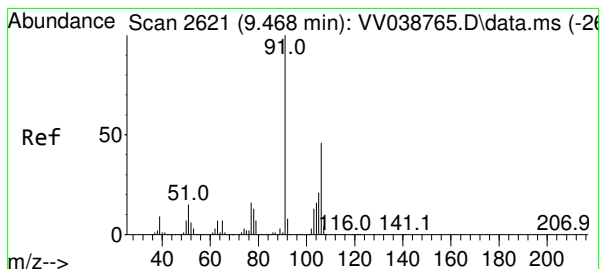
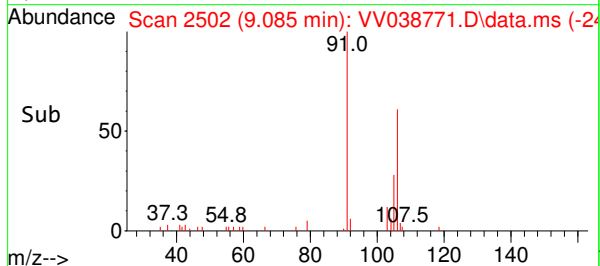
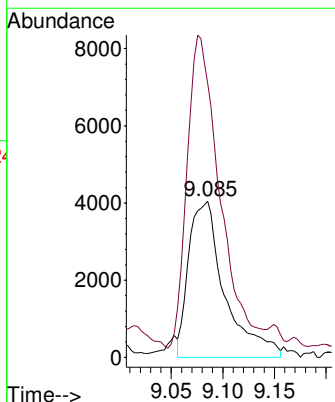
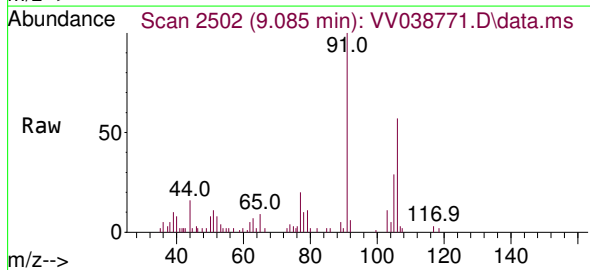




#53
m,p-Xylene
Concen: 1.183 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

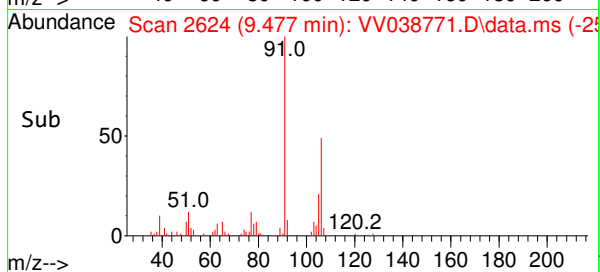
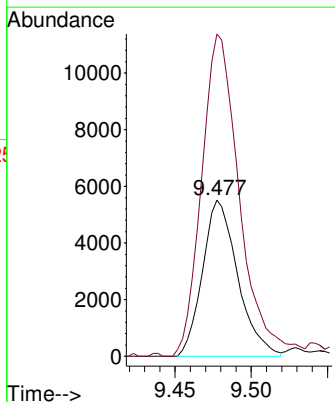
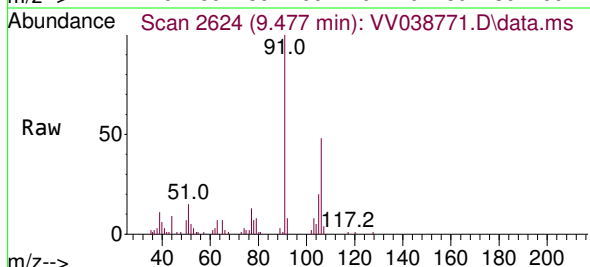
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

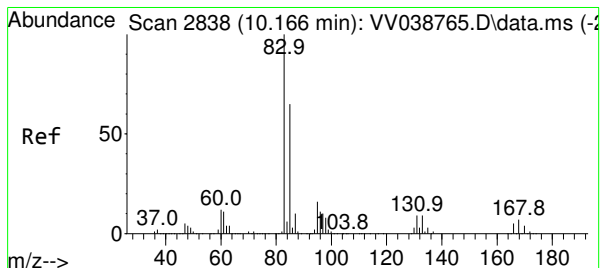
Tgt Ion:106 Resp: 9814
Ion Ratio Lower Upper
106 100
91 175.3 142.6 264.8



#54
o-Xylene
Concen: 1.104 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:106 Resp: 8860
Ion Ratio Lower Upper
106 100
91 206.4 151.1 280.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.691 ug/L

RT: 10.169 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

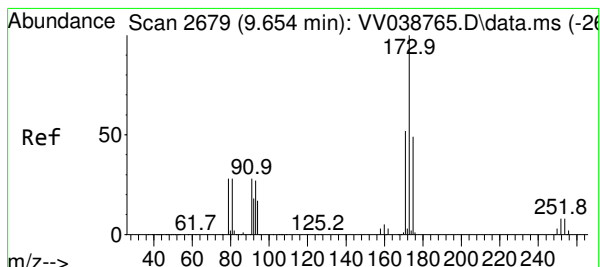
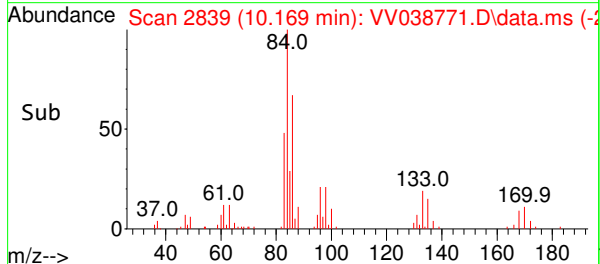
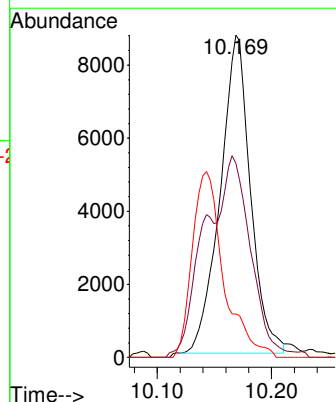
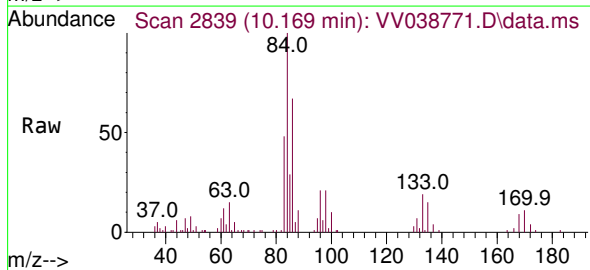
Tgt Ion: 83 Resp: 16025

Ion Ratio Lower Upper

83 100

85 60.2 44.7 82.9

131 13.5 8.0 12.0#



#59

Bromoform

Concen: 1.548 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.010 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

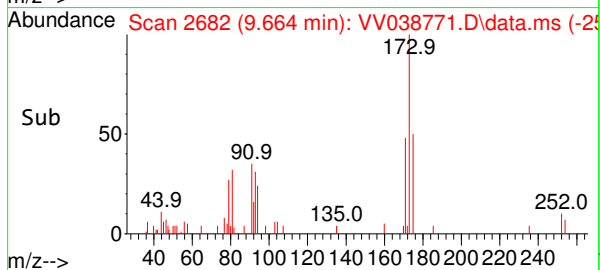
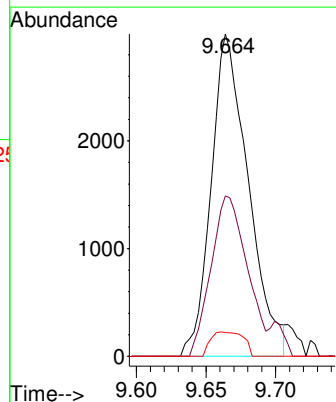
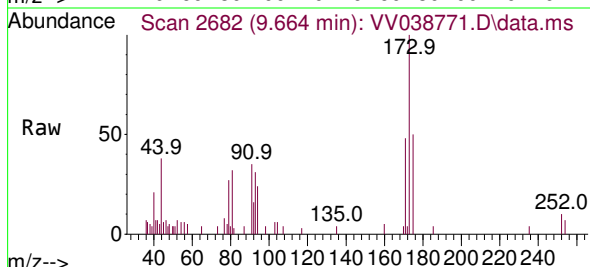
Tgt Ion:173 Resp: 5548

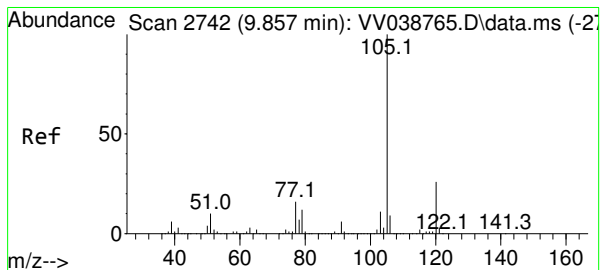
Ion Ratio Lower Upper

173 100

175 48.2 38.8 58.2

254 6.7 6.9 10.3#





#60

Isopropylbenzene

Concen: 1.284 ug/L

RT: 9.863 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

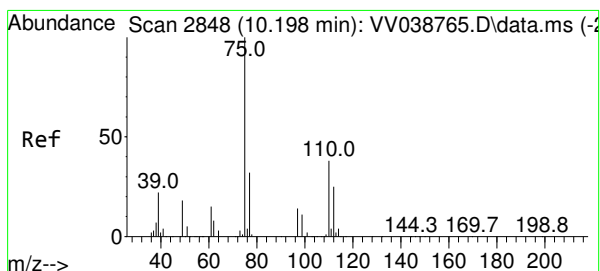
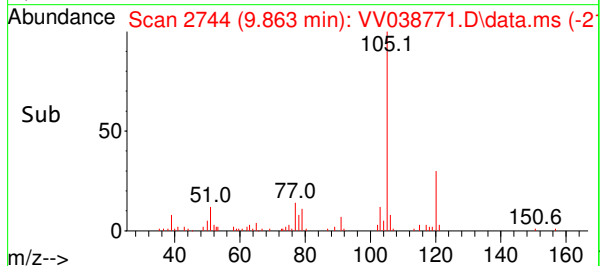
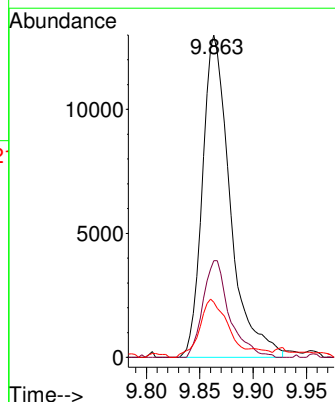
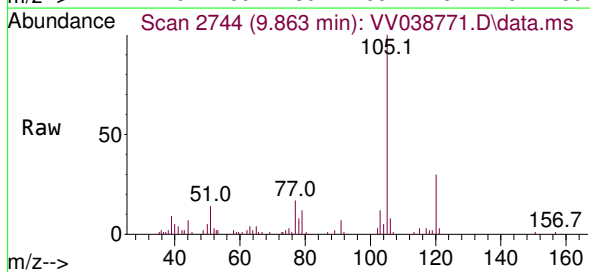
Tgt Ion:105 Resp: 23492

Ion Ratio Lower Upper

105 100

120 28.7 21.0 31.4

77 18.0 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 1.588 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.006 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

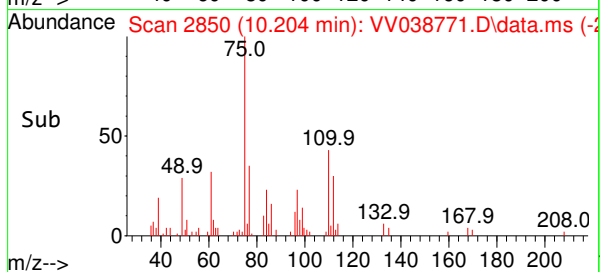
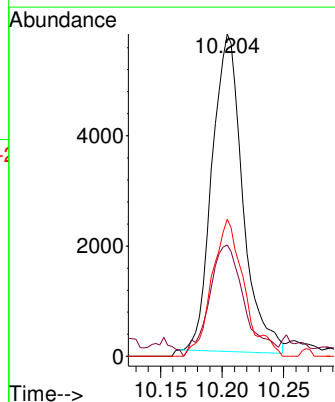
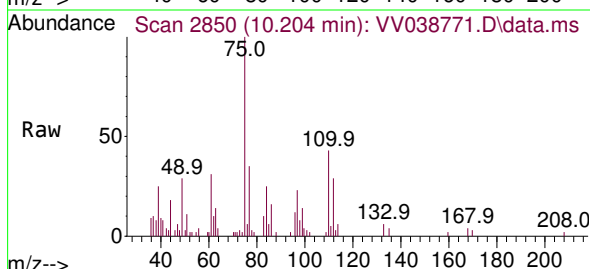
Tgt Ion: 75 Resp: 9965

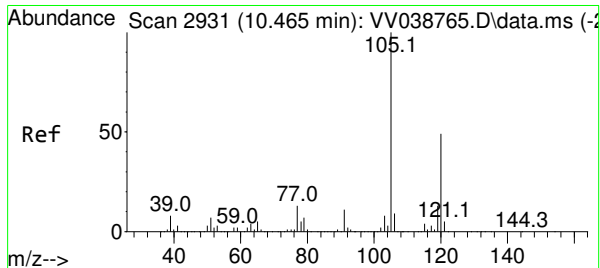
Ion Ratio Lower Upper

75 100

77 40.0 25.8 38.6#

110 42.5 32.2 48.4

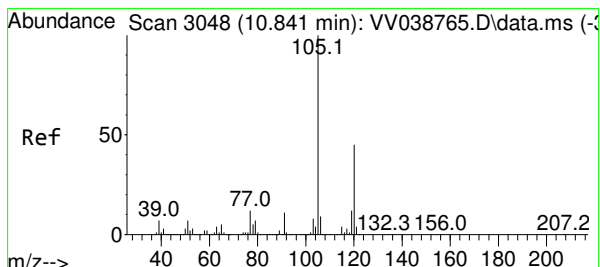
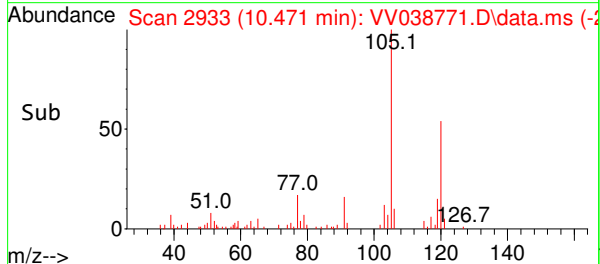
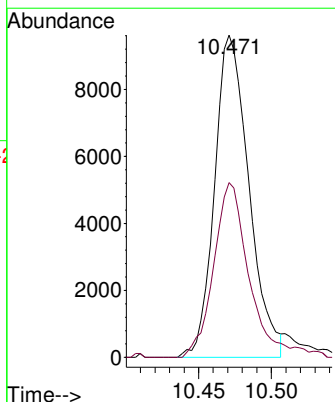
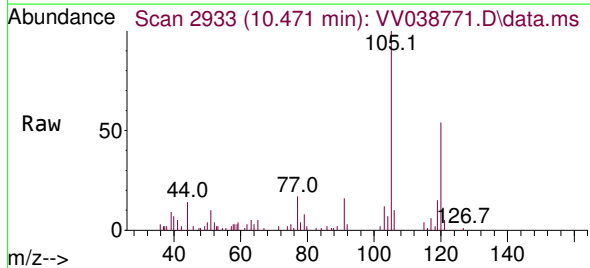




#62
1,3,5-Trimethylbenzene
Concen: 1.108 ug/L
RT: 10.471 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

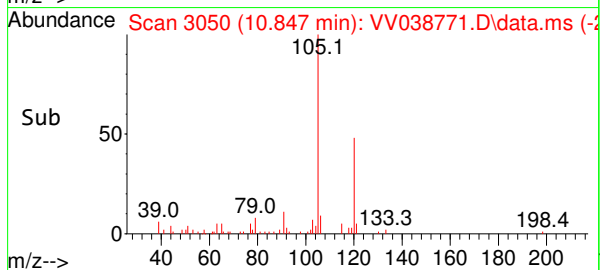
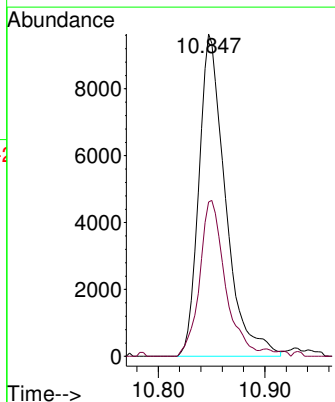
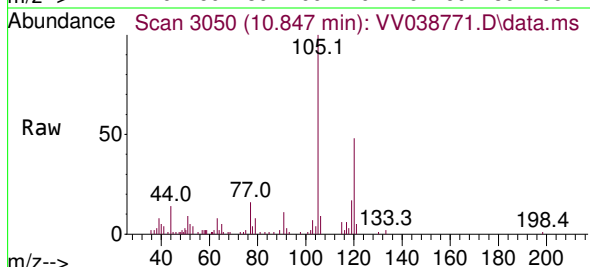
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

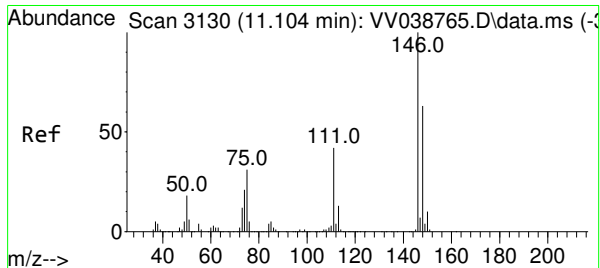
Tgt Ion:105 Resp: 15774
Ion Ratio Lower Upper
105 100
120 54.6 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 1.185 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:105 Resp: 16658
Ion Ratio Lower Upper
105 100
120 46.6 36.6 55.0

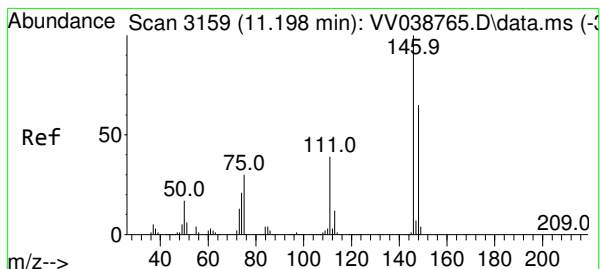
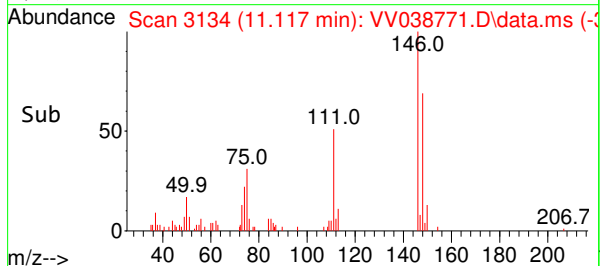
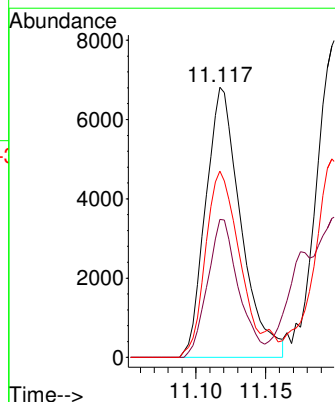
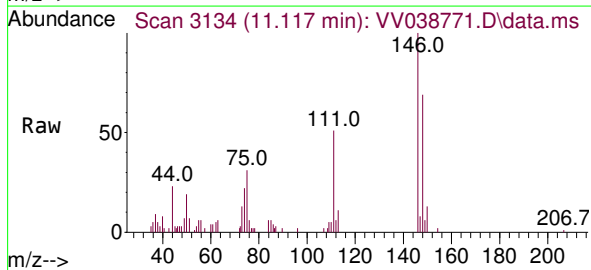




#64
1,3-Dichlorobenzene
Concen: 1.368 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

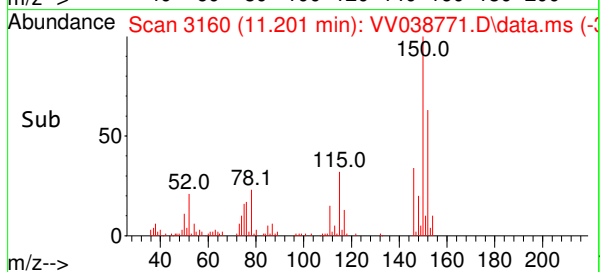
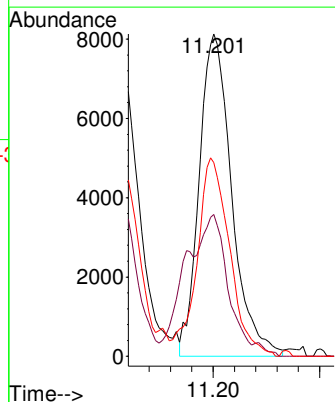
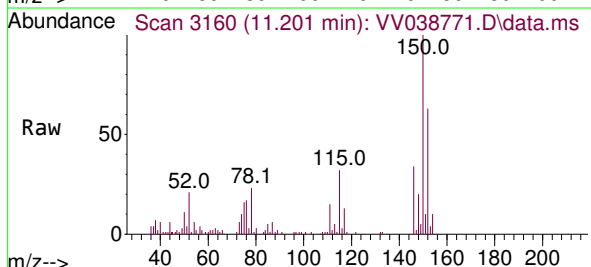
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

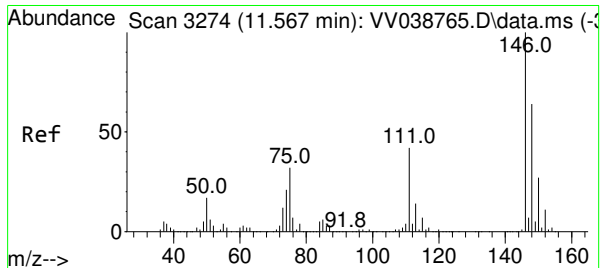
Tgt Ion:	146	Resp:	11959
Ion	Ratio	Lower	Upper
146	100		
111	51.0	27.8	51.6
148	68.9	45.1	83.7



#65
1,4-Dichlorobenzene
Concen: 1.830 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	146	Resp:	17213
Ion	Ratio	Lower	Upper
146	100		
111	44.0	27.6	51.4
148	60.0	44.9	83.3

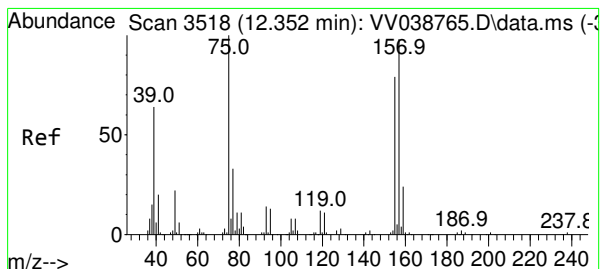
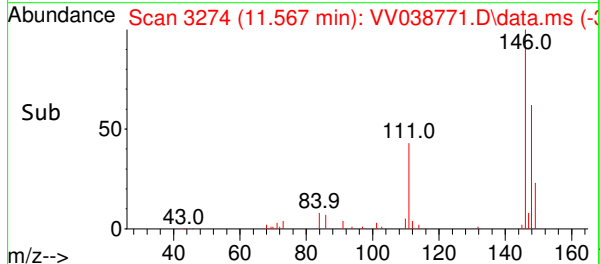
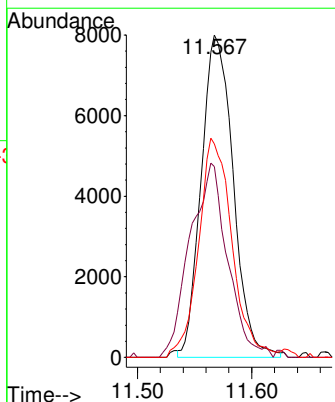
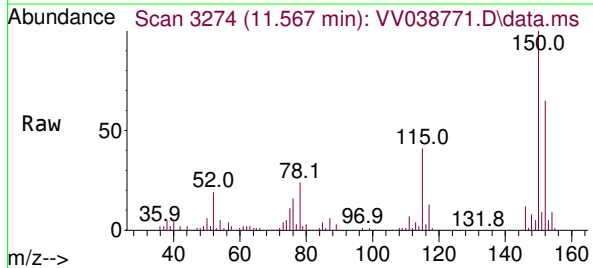




#67
1,2-Dichlorobenzene
Concen: 1.762 ug/L
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

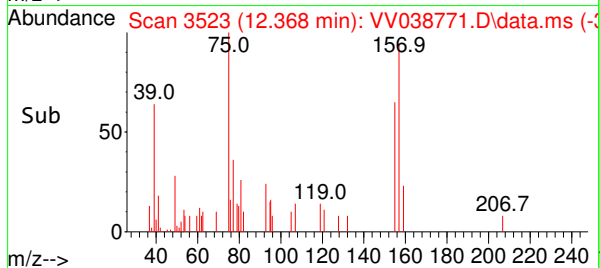
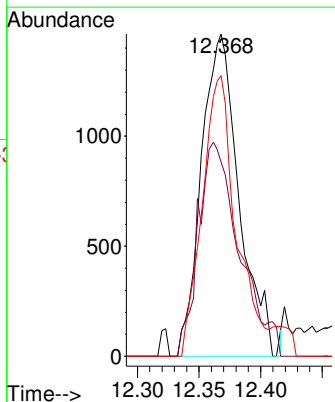
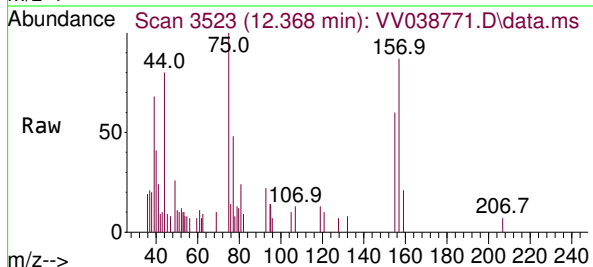
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

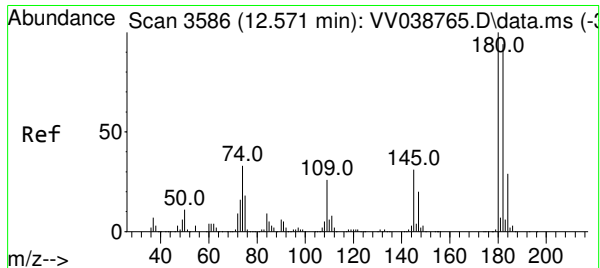
Tgt Ion:	146	Resp:	15559
Ion	Ratio	Lower	Upper
146	100		
111	59.2	34.2	51.2#
148	66.3	50.5	75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 1.747 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.016 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	75	Resp:	3133
Ion	Ratio	Lower	Upper
75	100		
155	60.3	66.8	100.2#
157	87.0	83.4	125.2

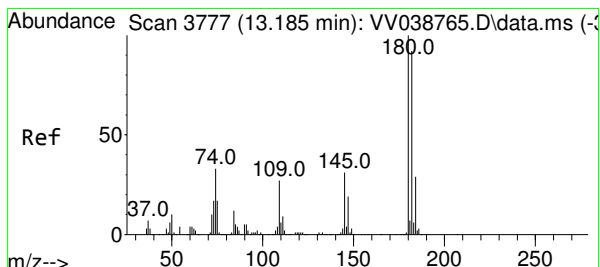
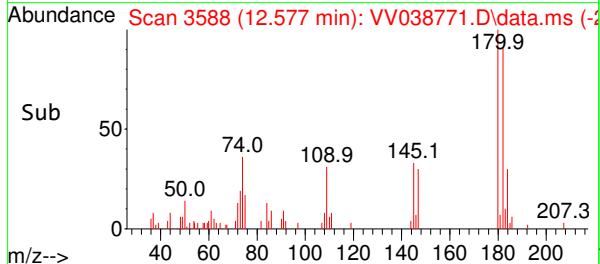
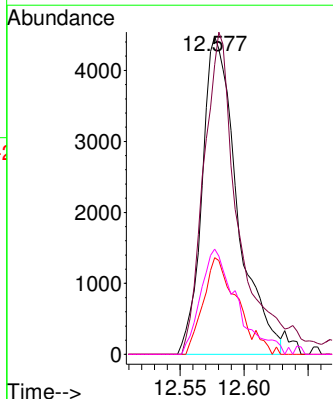
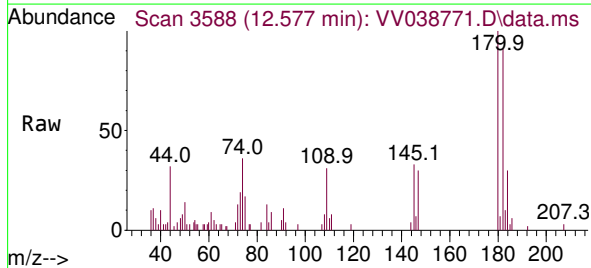




#69
1,3,5-Trichlorobenzene
Concen: 1.477 ug/L
RT: 12.577 min Scan# 3586
Delta R.T. 0.006 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

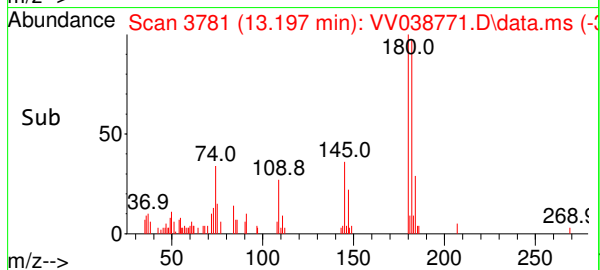
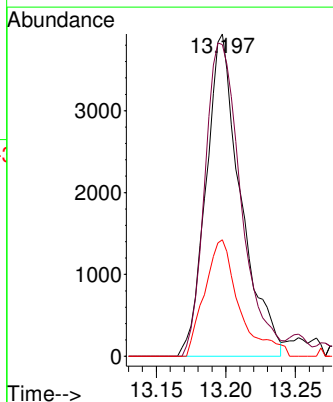
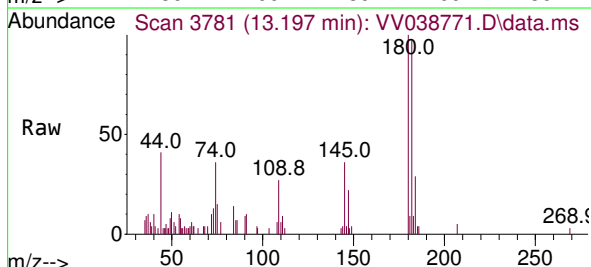
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

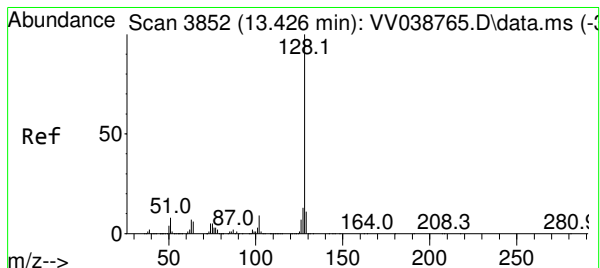
Tgt Ion:	180	Resp:	8534
Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.2	114.4
184	27.5	23.8	35.6
145	30.3	24.8	37.2



#70
1,2,4-trichlorobenzene
Concen: 1.379 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.013 min
Lab File: VV038771.D
Acq: 09 Jun 2025 17:29

Tgt Ion:	180	Resp:	6813
Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.2	114.2
145	36.1	24.7	37.1





#71

Naphthalene

Concen: 1.084 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.013 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

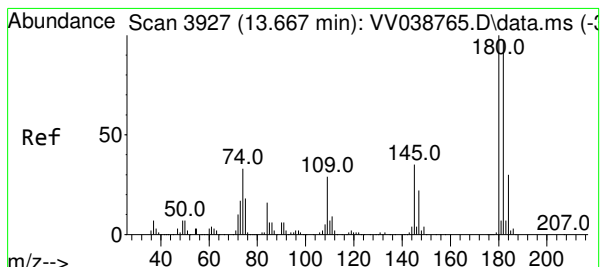
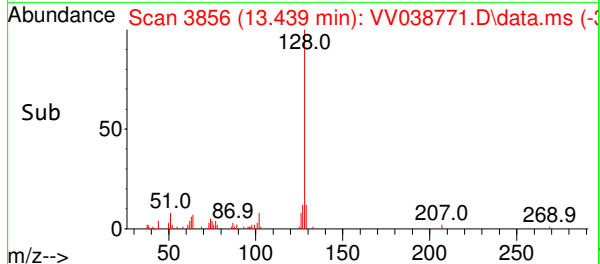
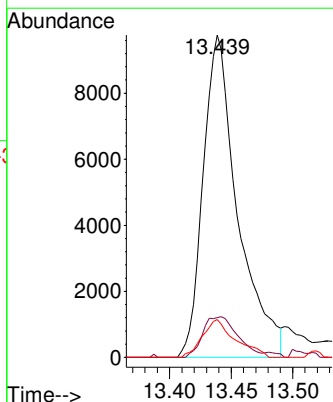
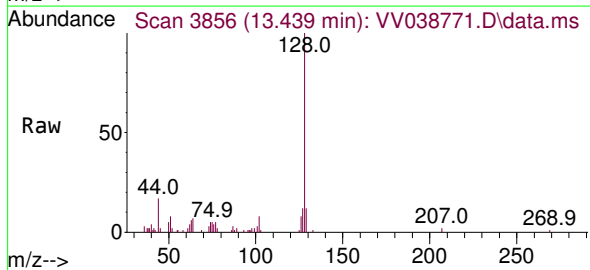
Tgt Ion:128 Resp: 19022

Ion Ratio Lower Upper

128 100

127 4.6 10.1 15.1#

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 1.233 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.006 min

Lab File: VV038771.D

Acq: 09 Jun 2025 17:29

Tgt Ion:180 Resp: 6356

Ion Ratio Lower Upper

180 100

182 98.2 75.8 113.6

145 35.7 27.1 40.7

