

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061025\
 Data File : VV038778.D
 Acq On : 10 Jun 2025 13:26
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 10 14:46:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 14:44:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	548063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	571653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	258207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	207486	45.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.040%
7) Chloroethane-d5	1.542	69	196561	47.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.220%
11) 1,1-Dichloroethene-d2	2.069	65	104046	46.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
21) 2-Butanone-d5	3.783	46	338828	95.321	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	4.507	84	313	0.032	ug/L	0.26
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.060%#
26) 1,2-Dichloroethane-d4	4.941	65	282147	49.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.540%
32) Benzene-d6	4.960	84	869186	48.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
36) 1,2-Dichloropropane-d6	5.986	67	299867	50.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	7.236	98	746008	46.840	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	7.548	79	120600	46.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.320%
47) 2-Hexanone-d5	8.014	63	240151	96.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.630%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	408006	45.903	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.548	152	258402	51.565	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	14718	2.286	ug/L	99
3) Chloromethane	1.227	50	14410	2.214	ug/L	90
5) Vinyl chloride	1.294	62	16372	2.434	ug/L	85
6) Bromomethane	1.497	94	8737	2.615	ug/L	99
8) Chloroethane	1.558	64	10010	2.478	ug/L	94
9) Trichlorofluoromethane	1.725	101	19998	2.253	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	14756	2.809	ug/L	88
13) Acetone	2.121	43	13952	5.821	ug/L	100
14) Carbon disulfide	2.253	76	33820	2.336	ug/L	95
15) Methyl Acetate	2.394	43	10033	1.576	ug/L #	88
17) trans-1,2-Dichloroethene	2.712	96	10524	2.210	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	28023	1.954	ug/L	96
19) 1,1-Dichloroethane	3.127	63	21753	2.198	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	11110	2.172	ug/L	91
29) Cyclohexane	4.590	56	15041	1.840	ug/L	89
31) Carbon tetrachloride	4.741	117	15946	2.185	ug/L	97
33) Benzene	5.018	78	47982	2.386	ug/L	100
34) Trichloroethene	5.847	95	12412	2.329	ug/L	93
35) Methylcyclohexane	5.986	83	62843	7.518	ug/L #	20

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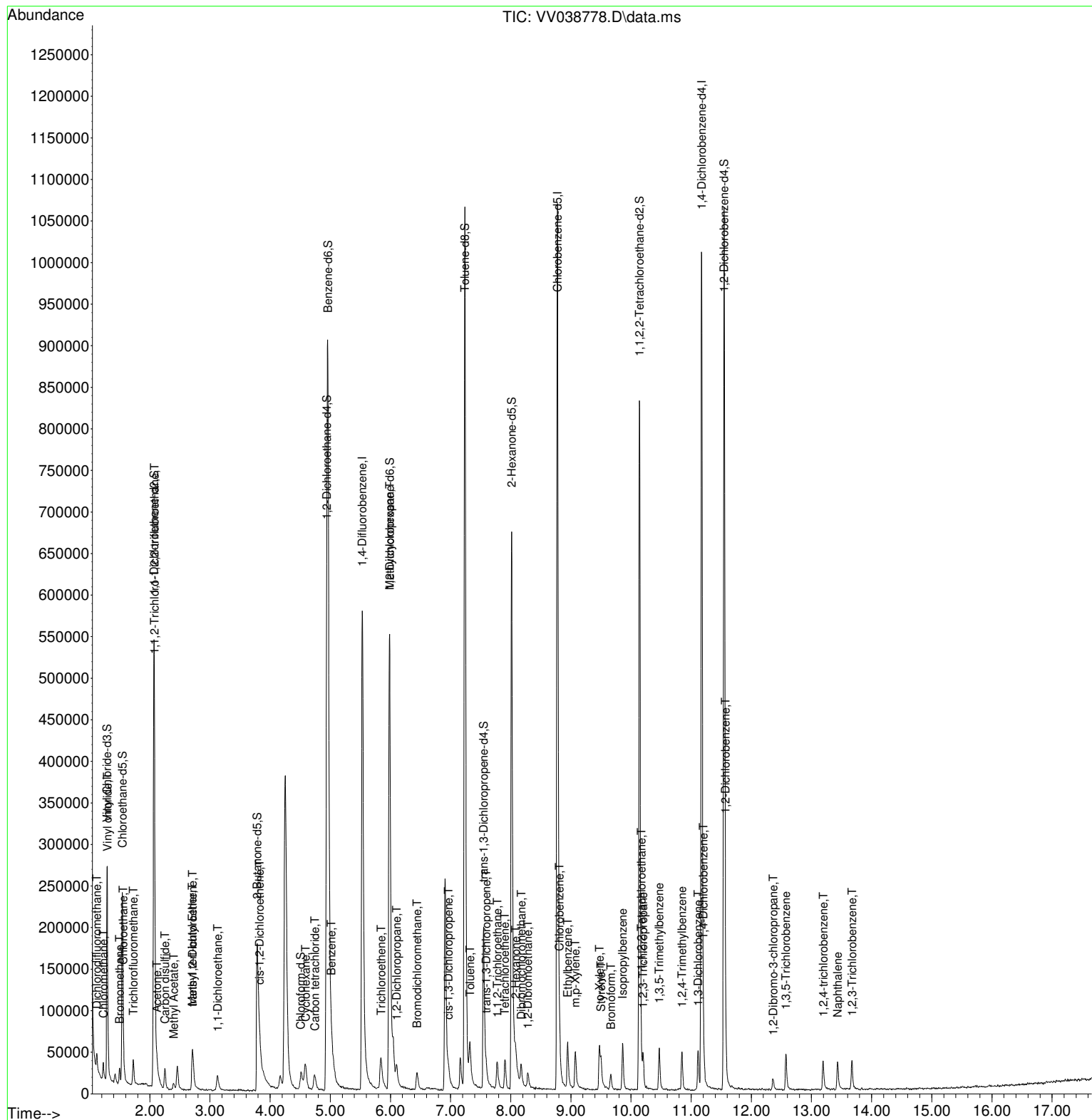
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.105	63	10342	1.785	ug/L #	88
38) Bromodichloromethane	6.442	83	15357	2.043	ug/L	90
39) cis-1,3-Dichloropropene	6.966	75	11306	1.358	ug/L	97
42) Toluene	7.320	91	44717	2.154	ug/L	94
44) trans-1,3-Dichloropropene	7.590	75	13227	1.646	ug/L	91
45) 1,1,2-Trichloroethane	7.777	97	11842	2.085	ug/L	95
46) Tetrachloroethene	7.902	164	8760	2.235	ug/L	95
48) 2-Hexanone	8.079	43	28576	4.873	ug/L #	75
49) Dibromochloromethane	8.175	129	12946	2.244	ug/L	98
50) 1,2-Dibromoethane	8.285	107	13271	2.274	ug/L	91
51) Chlorobenzene	8.809	112	30804	2.199	ug/L	92
52) Ethylbenzene	8.947	91	41272	1.846	ug/L	99
53) m,p-Xylene	9.072	106	14201	1.730	ug/L	94
54) o-Xylene	9.474	106	13726	1.728	ug/L	98
55) Styrene	9.500	104	21714	1.570	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	22661	2.418	ug/L	93
59) Bromoform	9.664	173	7877	2.186	ug/L #	87
60) Isopropylbenzene	9.860	105	34488	1.875	ug/L	96
61) 1,2,3-Trichloropropane	10.201	75	15148	2.400	ug/L	96
62) 1,3,5-Trimethylbenzene	10.468	105	26416	1.846	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	23890	1.690	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	19304	2.197	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	21925	2.318	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	23579	2.656	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	4597	2.549	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	13286	2.287	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	10511	2.116	ug/L	99
71) Naphthalene	13.435	128	29587	1.677	ug/L	97
72) 1,2,3-Trichlorobenzene	13.673	180	10157	1.960	ug/L	97

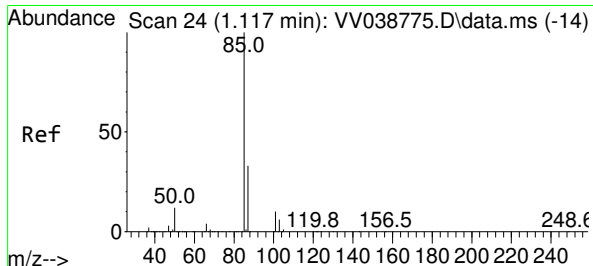
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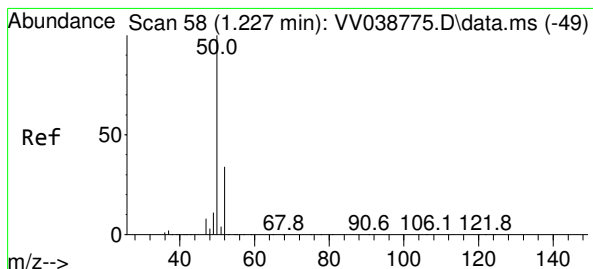
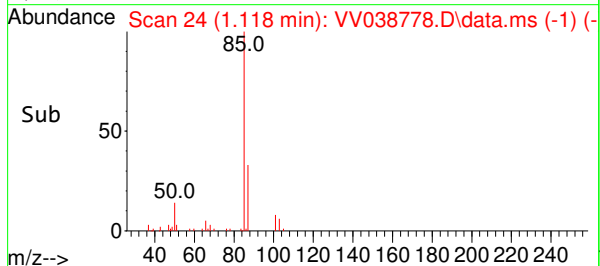
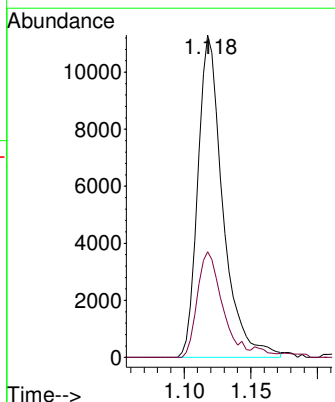
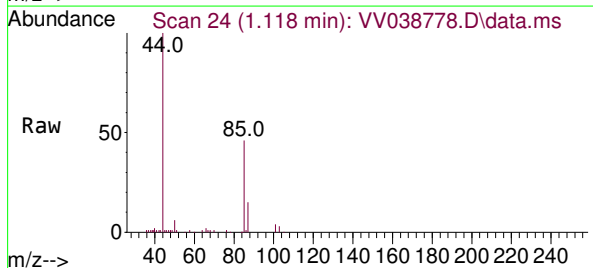




#2
Dichlorodifluoromethane
Concen: 2.286 ug/L
RT: 1.118 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

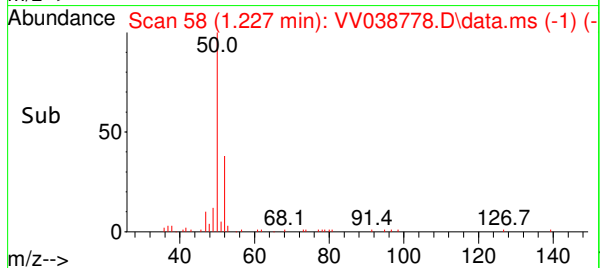
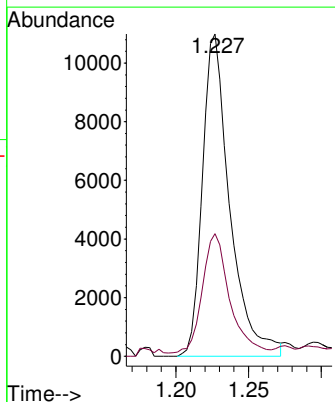
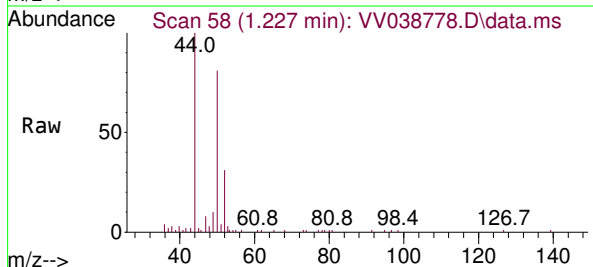
Instrument : MSVOA_V
ClientSampleId : VV038778.D
MDL-WATER-QT2-2025-03

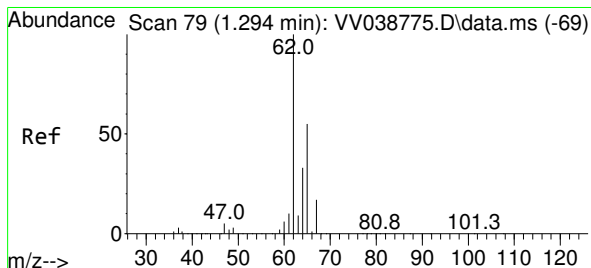
Tgt Ion: 85 Resp: 14718
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 2.214 ug/L
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 50 Resp: 14410
Ion Ratio Lower Upper
50 100
52 38.1 22.7 42.3





#5

Vinyl chloride

Concen: 2.434 ug/L

RT: 1.294 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

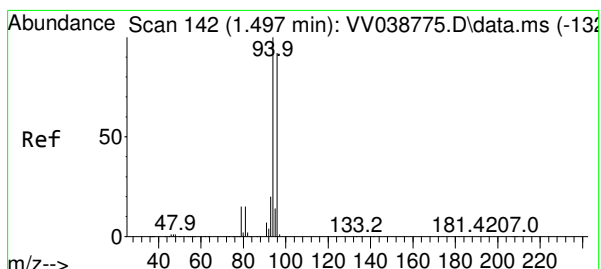
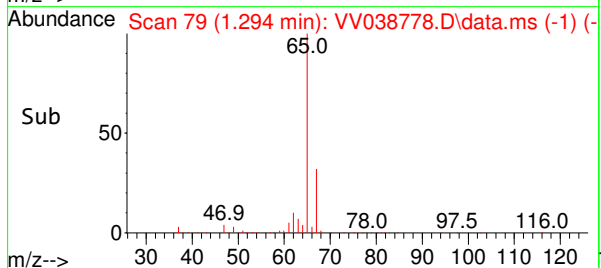
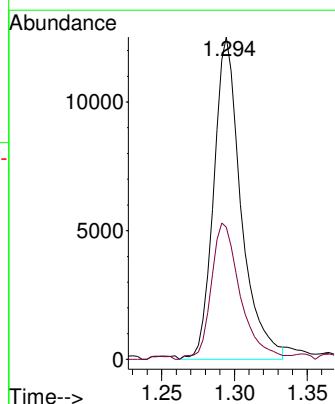
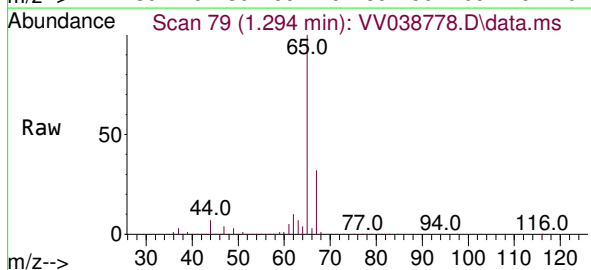
MDL-WATER-QT2-2025-03

Tgt Ion: 62 Resp: 16372

Ion Ratio Lower Upper

62 100

64 41.1 22.8 42.4



#6

Bromomethane

Concen: 2.615 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.000 min

Lab File: VV038778.D

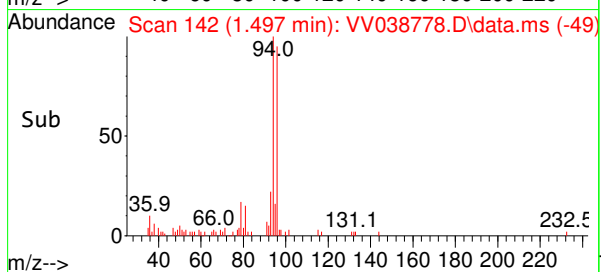
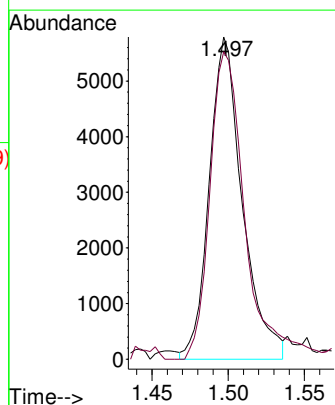
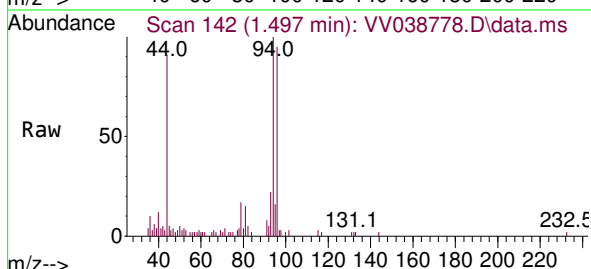
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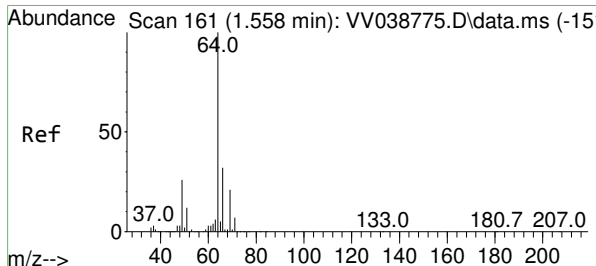
Tgt Ion: 94 Resp: 8737

Ion Ratio Lower Upper

94 100

96 95.3 66.1 122.8

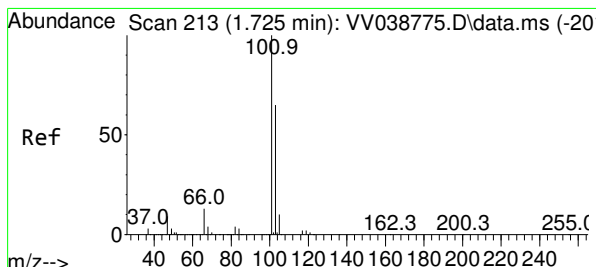
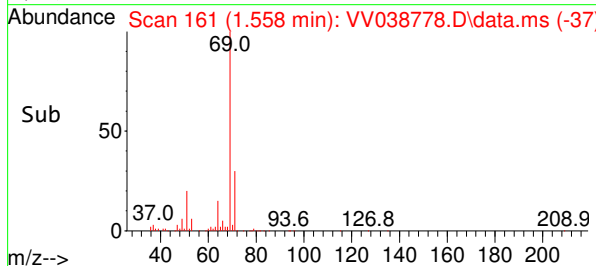
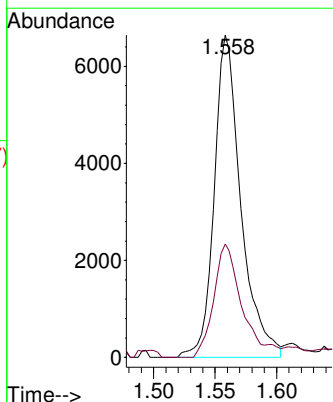
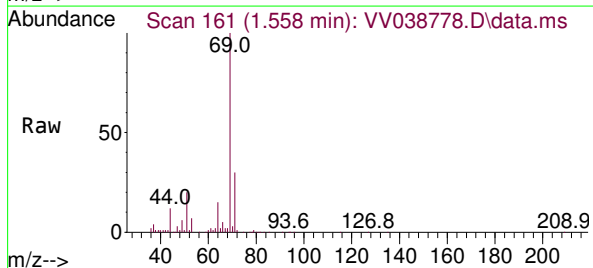




#8
Chloroethane
Concen: 2.478 ug/L
RT: 1.558 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

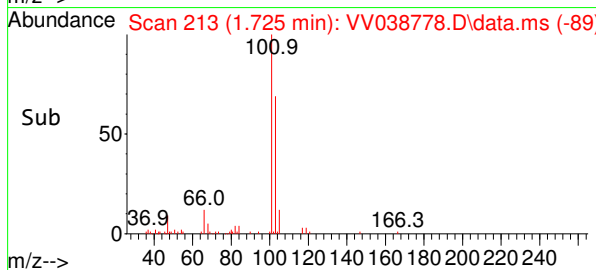
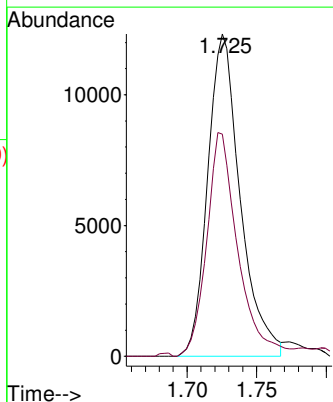
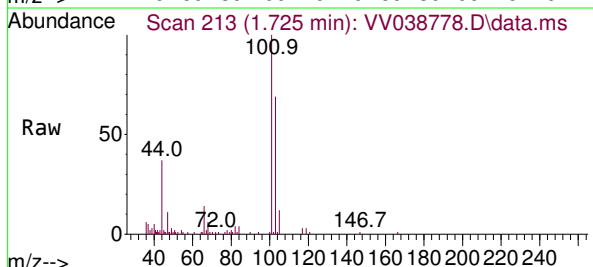
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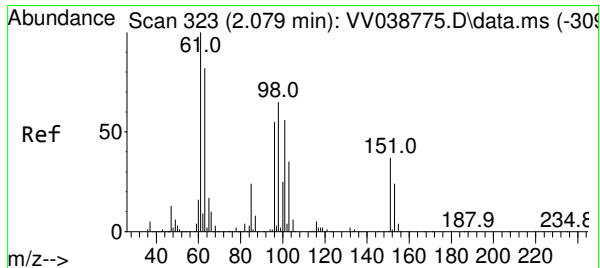
Tgt Ion: 64 Resp: 10010
Ion Ratio Lower Upper
64 100
66 35.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.253 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 101 Resp: 19998
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5

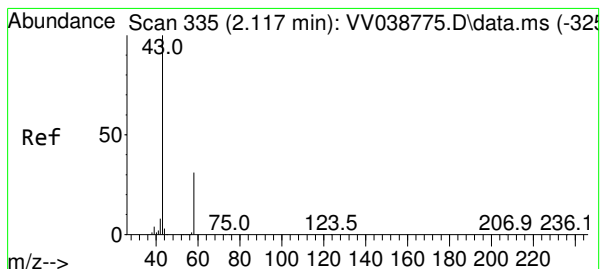
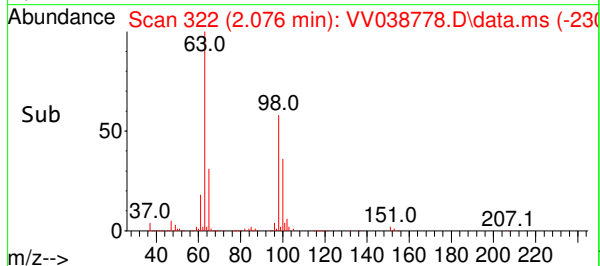
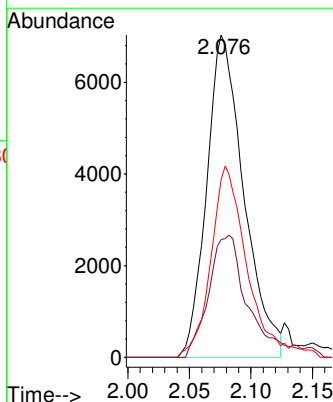
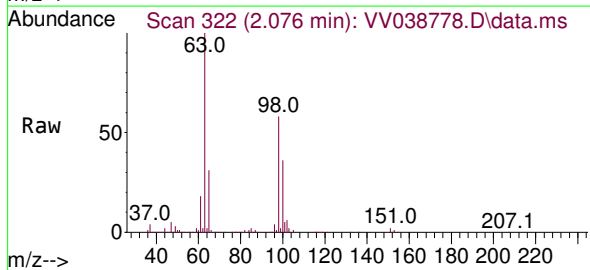




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.809 ug/L
RT: 2.076 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

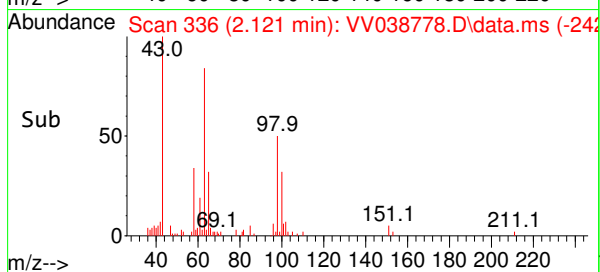
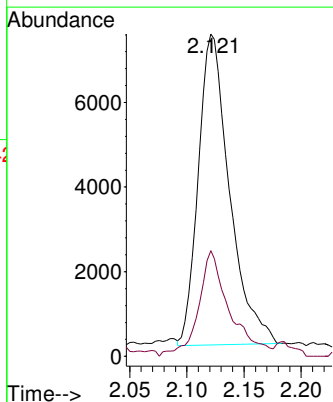
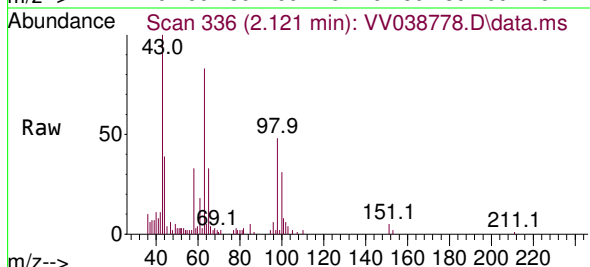
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

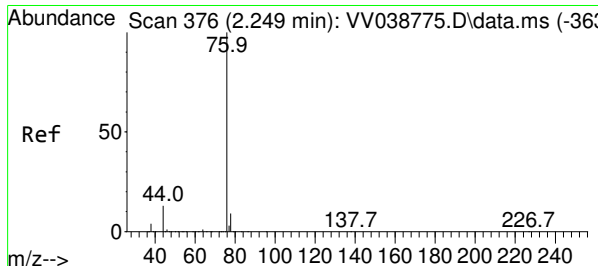
Tgt Ion:	101	Resp:	14756
Ion	Ratio	Lower	Upper
101	100		
85	40.2	34.7	52.1
151	56.2	55.3	82.9



#13
Acetone
Concen: 5.821 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038778.D
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Tgt Ion:	43	Resp:	13952
Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	67.2

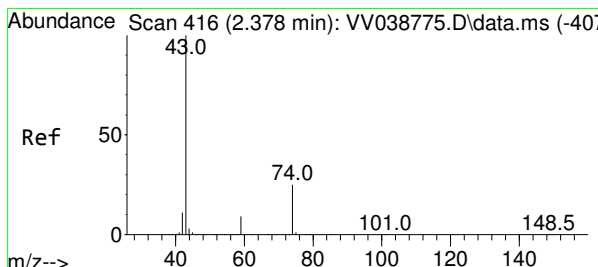
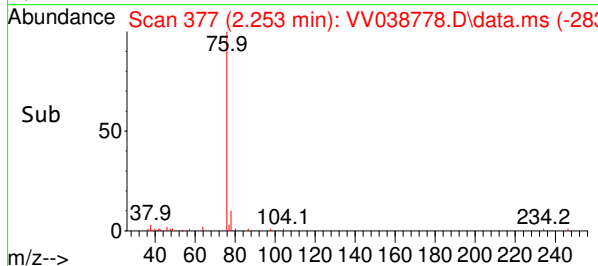
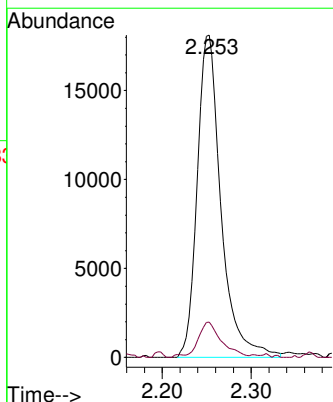
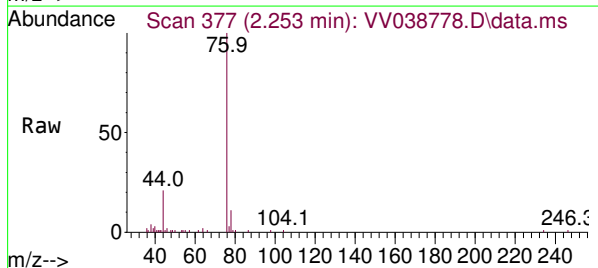




#14
Carbon disulfide
Concen: 2.336 ug/L
RT: 2.253 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

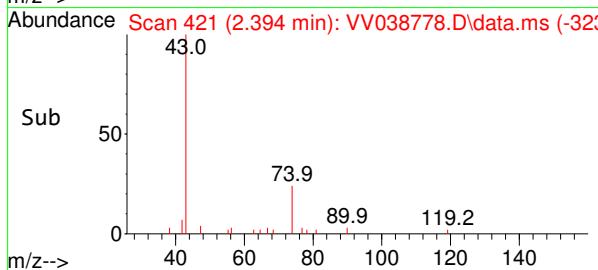
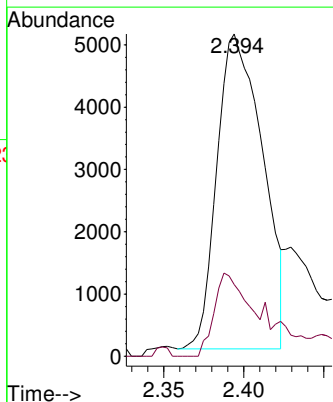
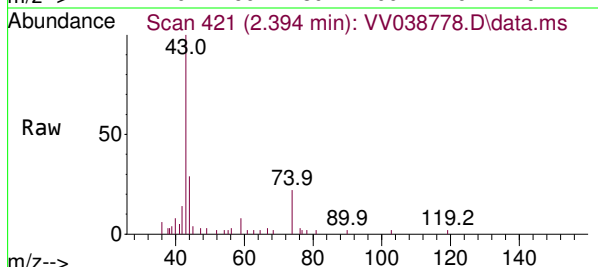
Instrument : MSVOA_V
ClientSampleId : VV038778.D
MDL-WATER-QT2-2025-03

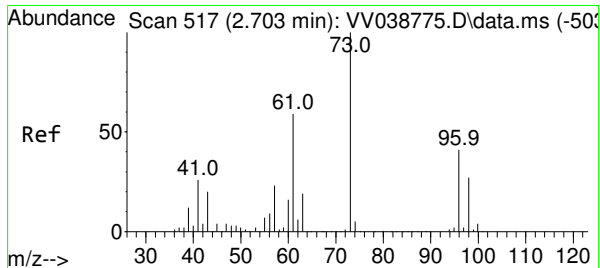
Tgt Ion: 76 Resp: 33820
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#15
Methyl Acetate
Concen: 1.576 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 43 Resp: 10033
Ion Ratio Lower Upper
43 100
74 19.6 20.6 31.0#

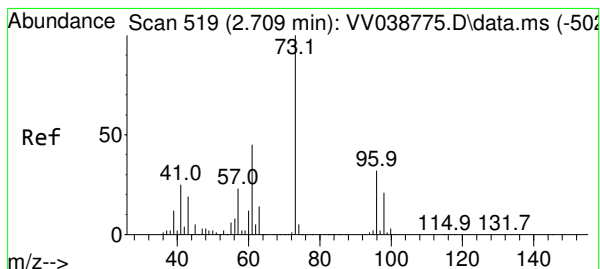
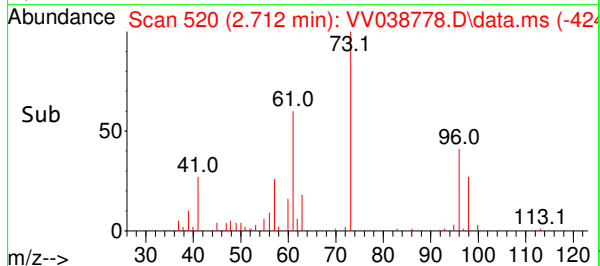
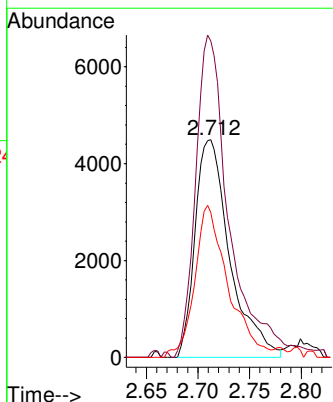
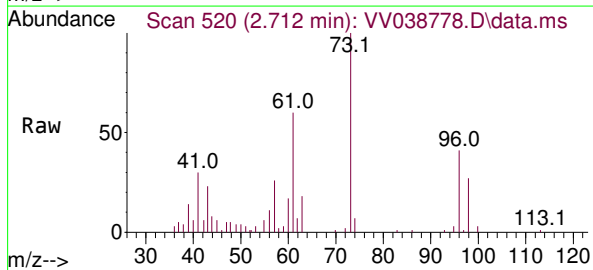




#17
trans-1,2-Dichloroethene
Concen: 2.210 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

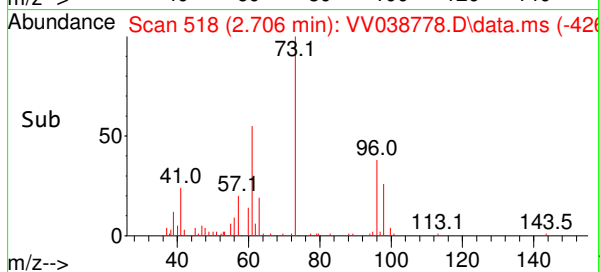
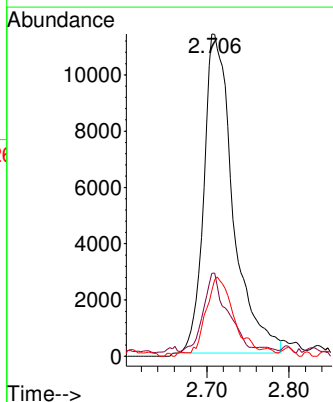
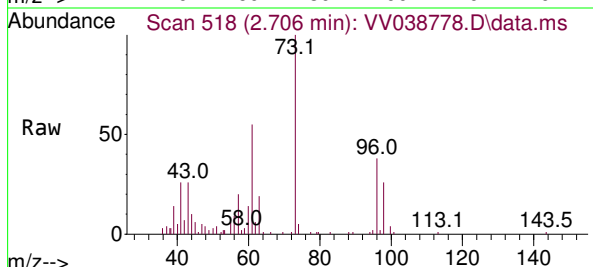
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

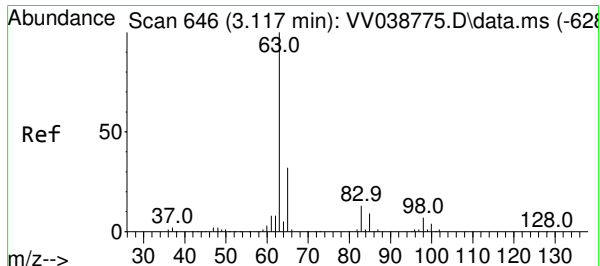
Tgt Ion: 96 Resp: 10524
Ion Ratio Lower Upper
96 100
61 145.3 95.7 177.7
98 66.5 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 1.954 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 73 Resp: 28023
Ion Ratio Lower Upper
73 100
43 20.3 14.7 22.1
57 20.1 17.7 26.5

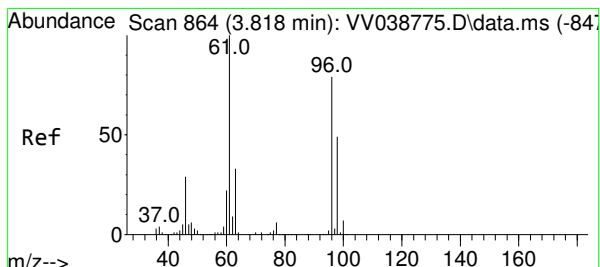
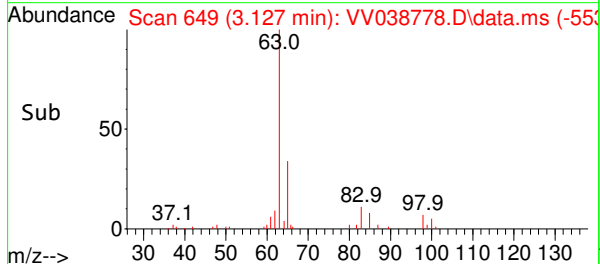
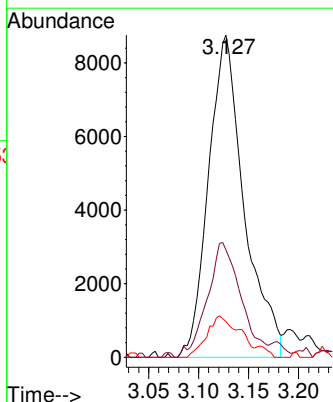
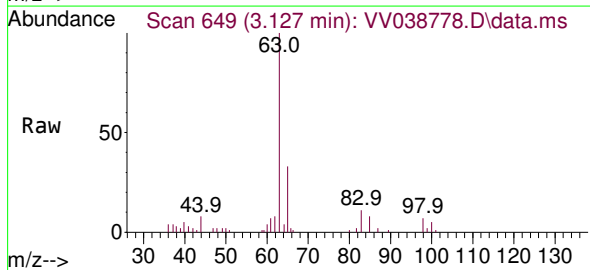




#19
 1,1-Dichloroethane
 Concen: 2.198 ug/L
 RT: 3.127 min Scan# 649
 Delta R.T. 0.010 min
 Lab File: VV038778.D
 Acq: 10 Jun 2025 13:26

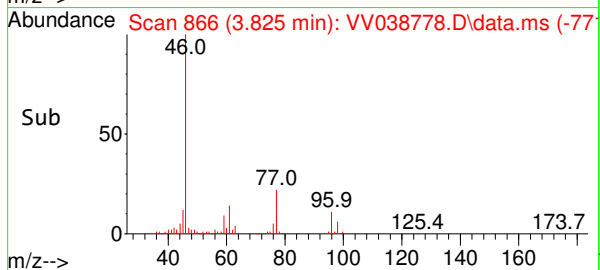
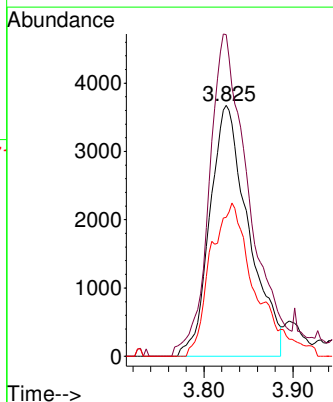
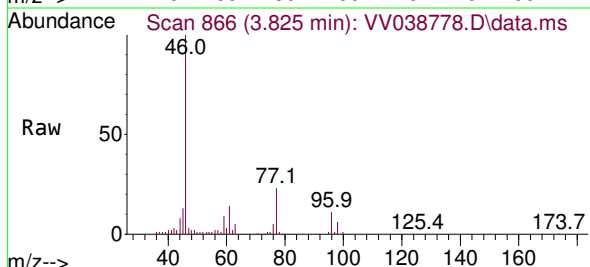
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

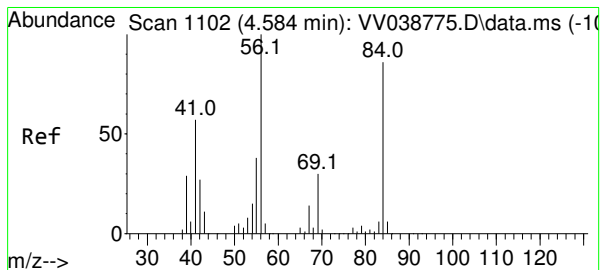
Tgt Ion:	63	Resp:	21753
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.6	42.0
83	11.1	9.8	18.2



#20
 cis-1,2-Dichloroethene
 Concen: 2.172 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV038778.D
 Acq: 10 Jun 2025 13:26

Tgt Ion:	96	Resp:	11110
Ion	Ratio	Lower	Upper
96	100		
61	128.1	83.5	155.1
98	55.4	44.6	82.8





#29

Cyclohexane

Concen: 1.840 ug/L

RT: 4.590 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

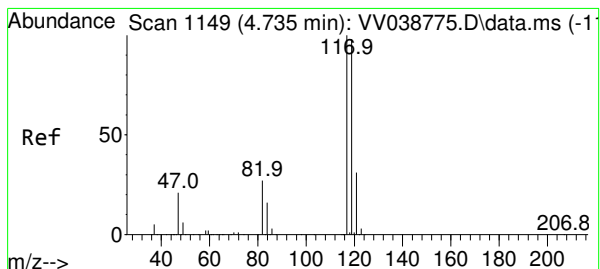
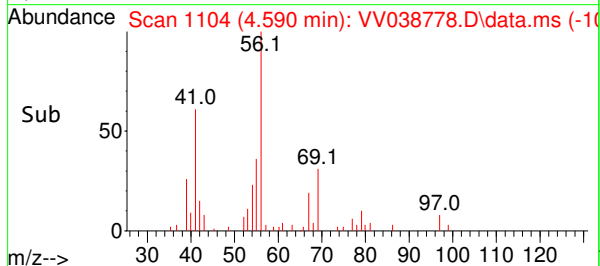
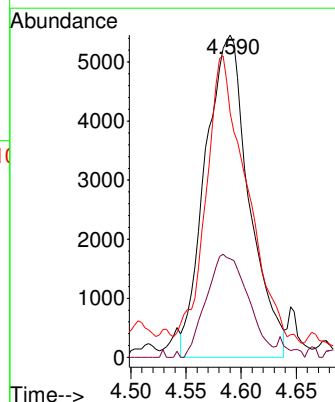
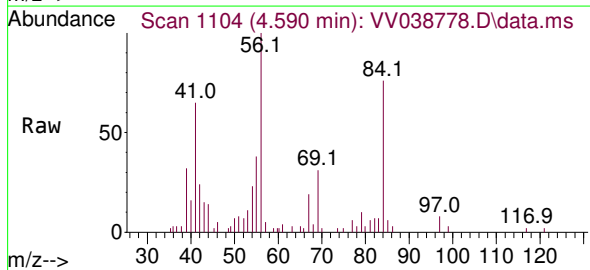
Tgt Ion: 56 Resp: 15041

Ion Ratio Lower Upper

56 100

69 30.5 24.8 37.2

84 78.3 73.7 110.5



#31

Carbon tetrachloride

Concen: 2.185 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.007 min

Lab File: VV038778.D

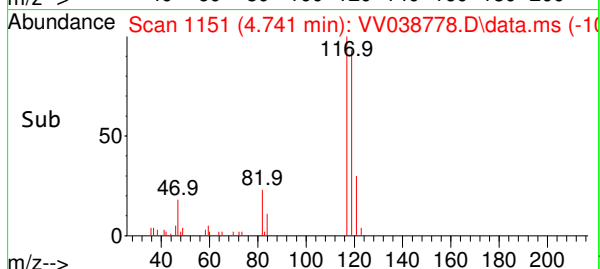
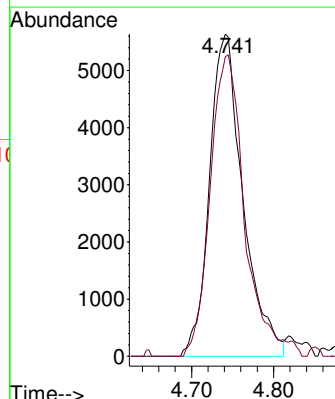
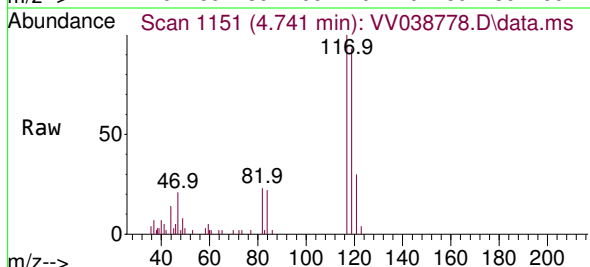
Acq: 10 Jun 2025 13:26

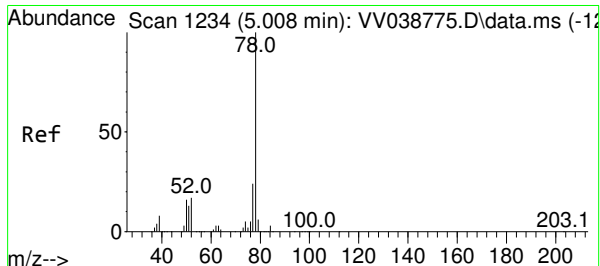
Tgt Ion:117 Resp: 15946

Ion Ratio Lower Upper

117 100

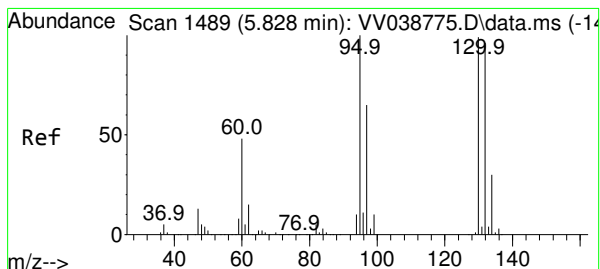
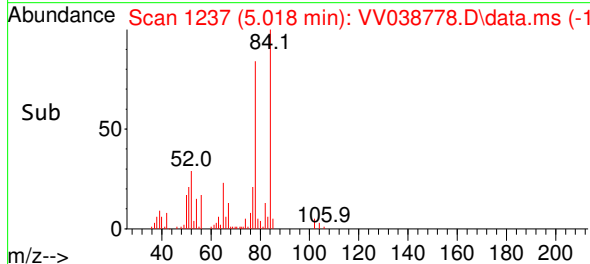
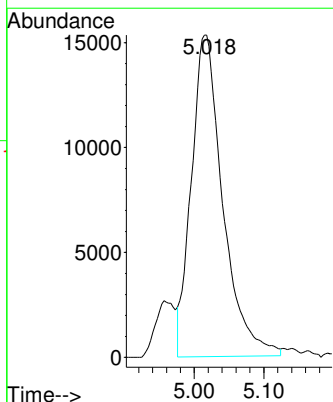
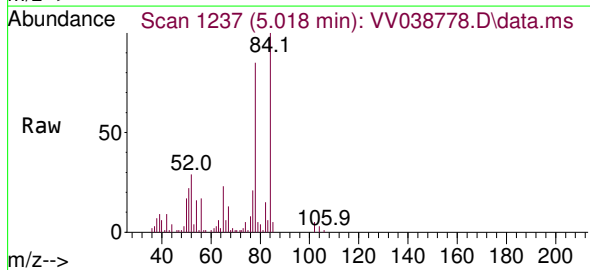
119 94.0 77.7 116.5





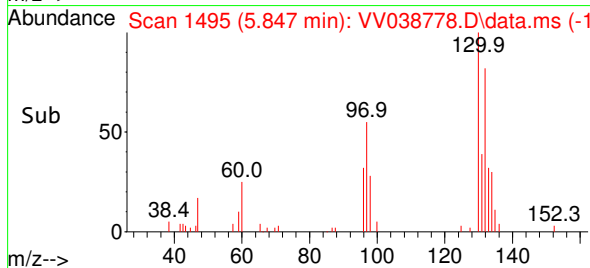
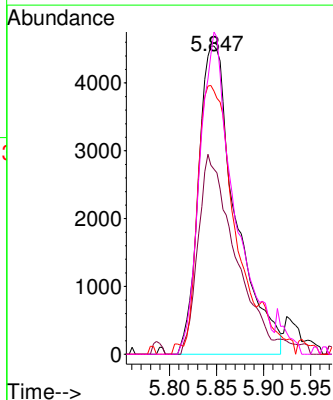
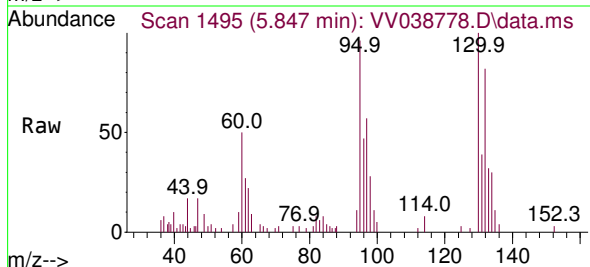
#33
Benzene
Concen: 2.386 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26
Tgt Ion: 78 Resp: 47982

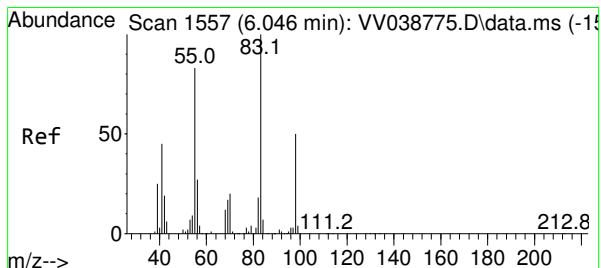
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03



#34
Trichloroethene
Concen: 2.329 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 95 Resp: 12412
Ion Ratio Lower Upper
95 100
97 60.1 45.6 84.8
132 85.3 67.6 125.6
130 104.6 70.8 131.6





#35

Methylcyclohexane

Concen: 7.518 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

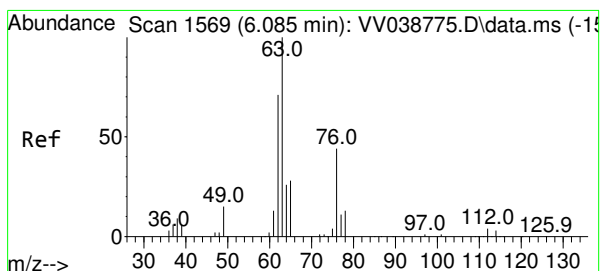
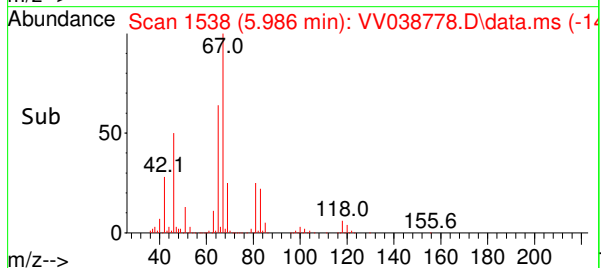
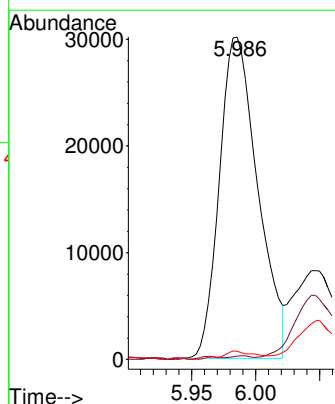
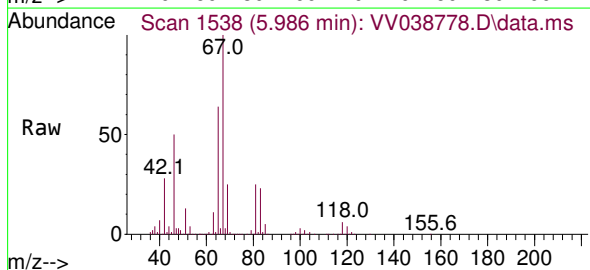
Tgt Ion: 83 Resp: 62843

Ion Ratio Lower Upper

83 100

55 0.6 59.0 88.6#

98 0.9 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 1.785 ug/L

RT: 6.105 min Scan# 1575

Delta R.T. 0.019 min

Lab File: VV038778.D

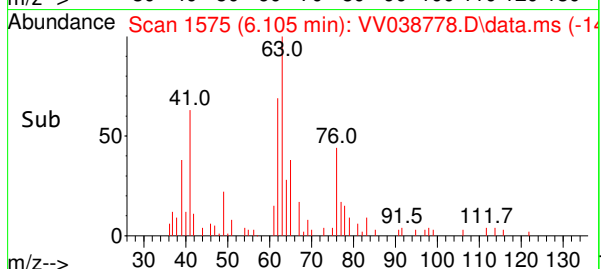
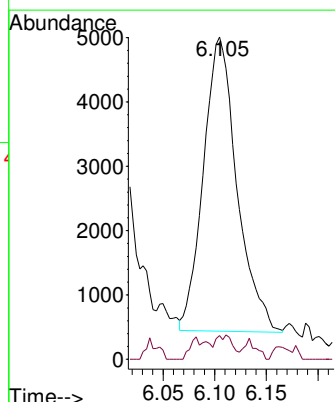
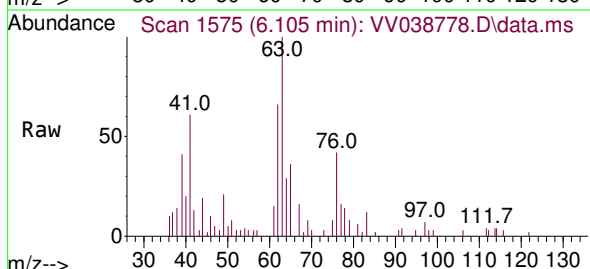
Acq: 10 Jun 2025 13:26

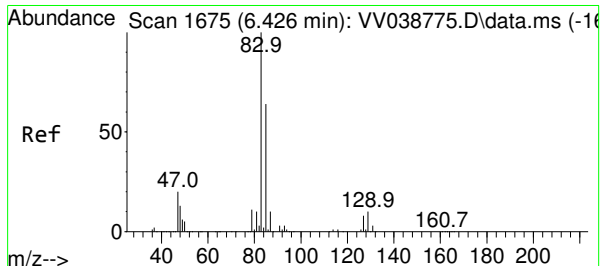
Tgt Ion: 63 Resp: 10342

Ion Ratio Lower Upper

63 100

112 0.8 3.8 5.6#

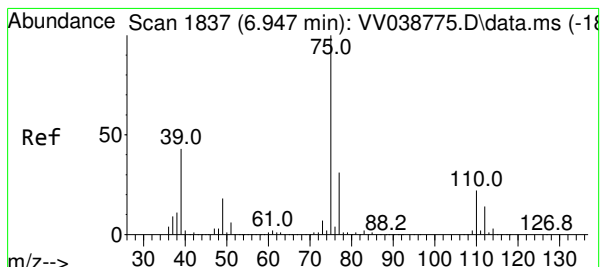
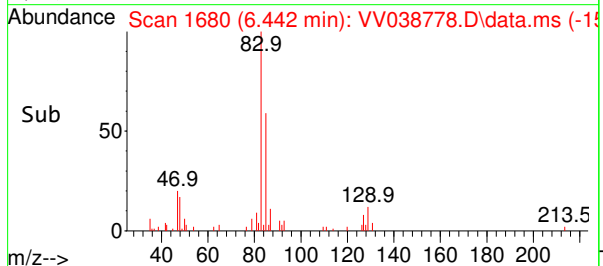
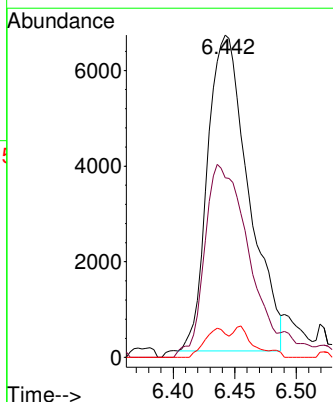
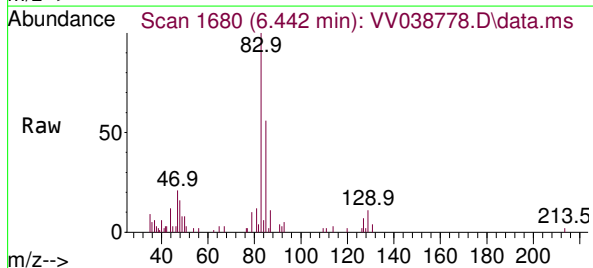




#38
Bromodichloromethane
Concen: 2.043 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

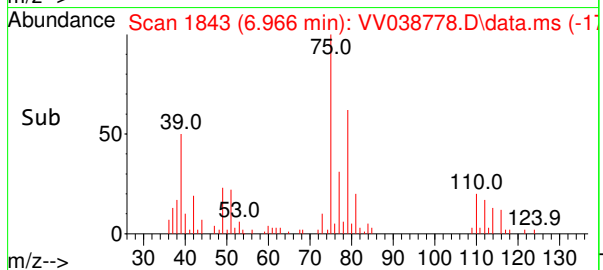
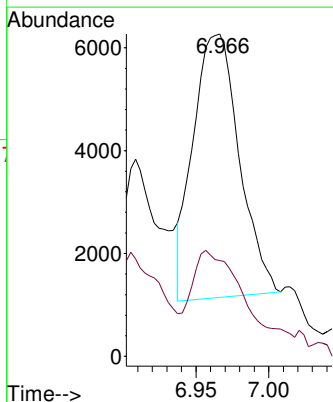
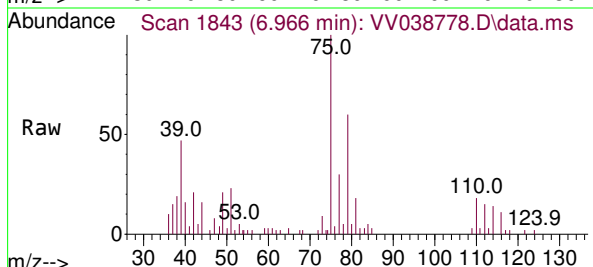
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

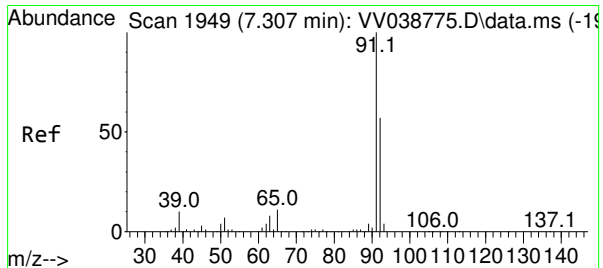
Tgt Ion:	83	Resp:	15357
Ion	Ratio	Lower	Upper
83	100		
85	55.7	44.9	83.5
127	7.3	6.8	10.2



#39
cis-1,3-Dichloropropene
Concen: 1.358 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.019 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	75	Resp:	11306
Ion	Ratio	Lower	Upper
75	100		
77	29.7	21.9	40.7

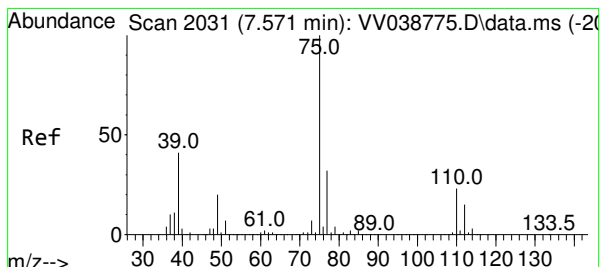
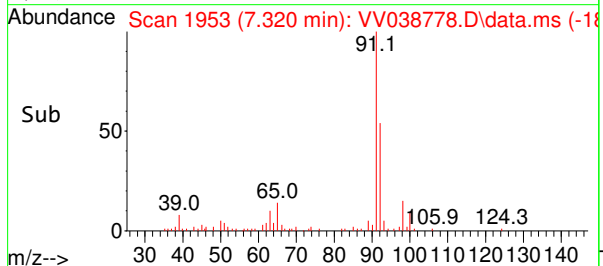
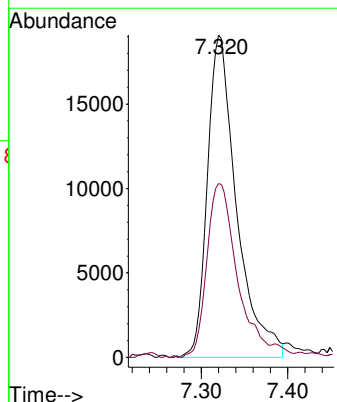
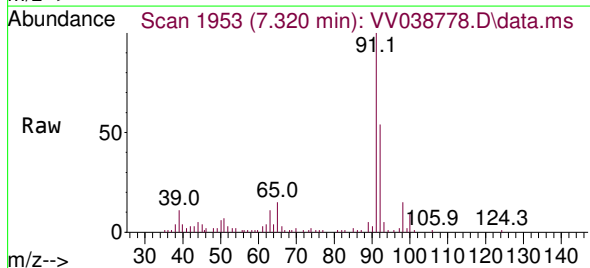




#42
Toluene
Concen: 2.154 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

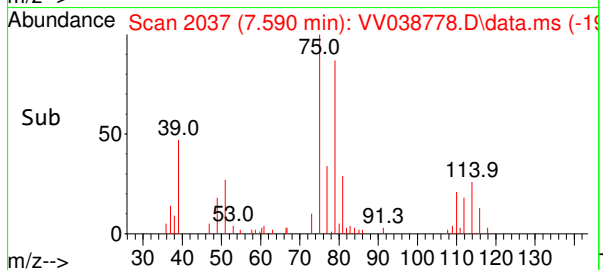
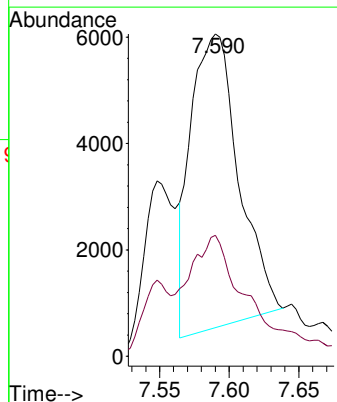
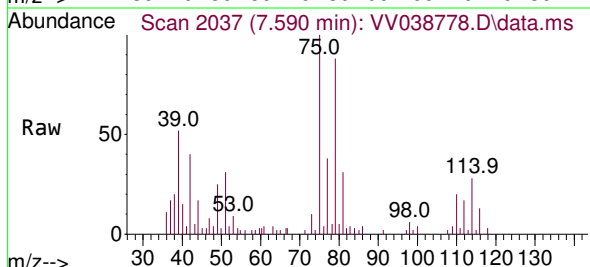
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

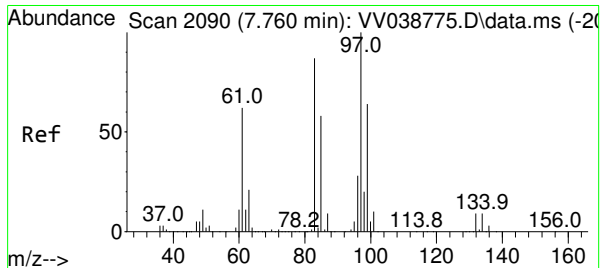
Tgt Ion: 91 Resp: 44717
Ion Ratio Lower Upper
91 100
92 53.9 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 1.646 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.019 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
77 37.6 22.7 42.1

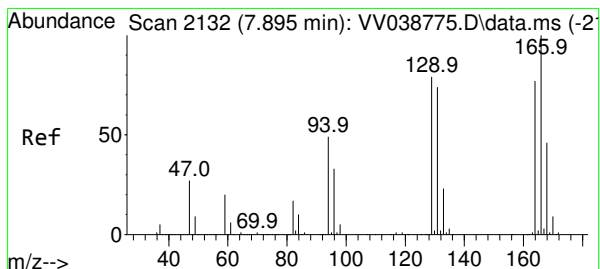
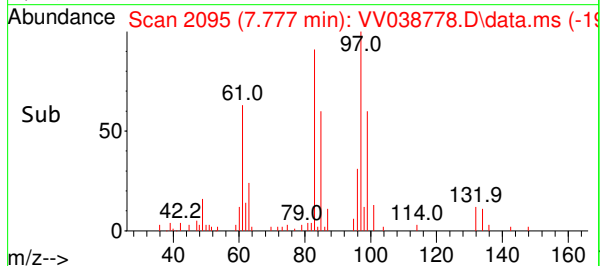
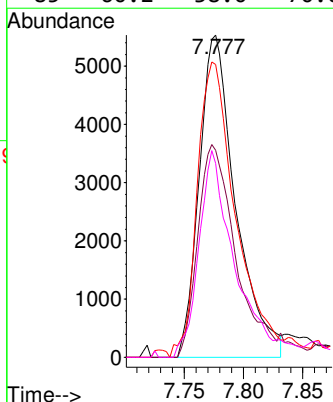
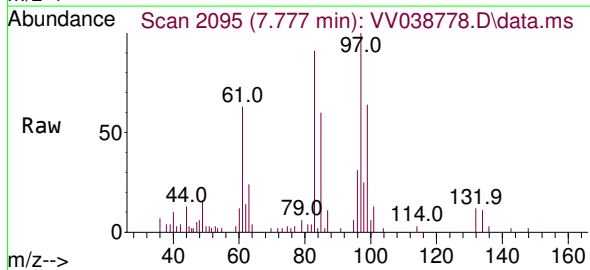




#45
1,1,2-Trichloroethane
Concen: 2.085 ug/L
RT: 7.777 min Scan# 2132
Delta R.T. 0.016 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

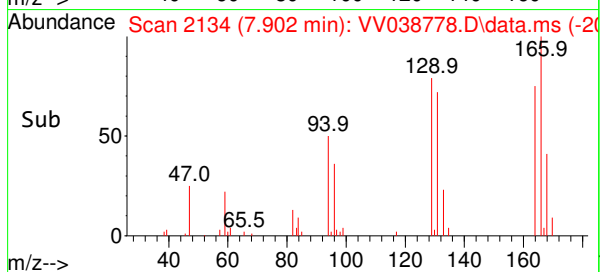
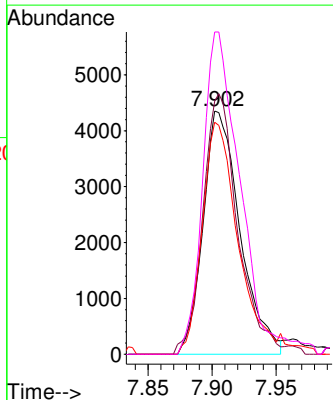
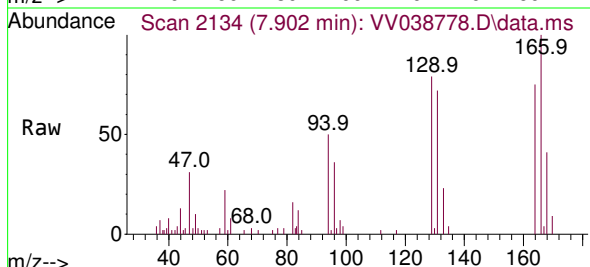
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

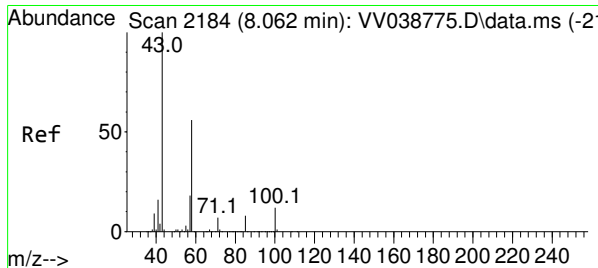
Tgt Ion:	97	Resp:	11842
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.6	81.0
83	90.8	60.5	112.5
85	60.2	38.0	70.6



#46
Tetrachloroethene
Concen: 2.235 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	164	Resp:	8760
Ion	Ratio	Lower	Upper
164	100		
129	104.0	69.2	128.4
131	95.3	63.1	117.3
166	132.5	89.7	166.5

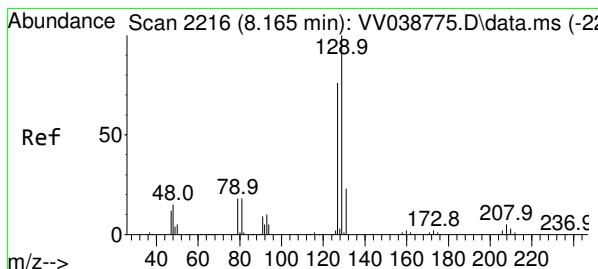
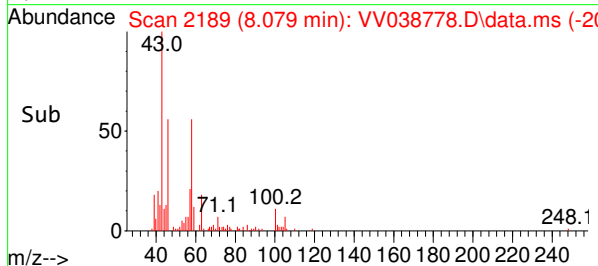
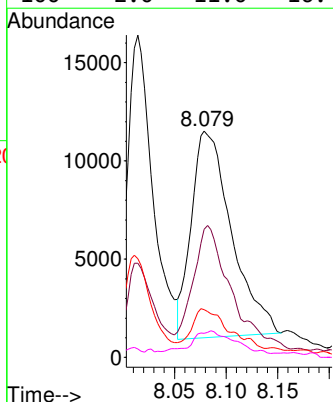
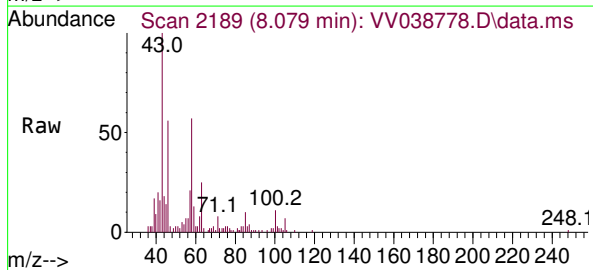




#48
2-Hexanone
Concen: 4.873 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

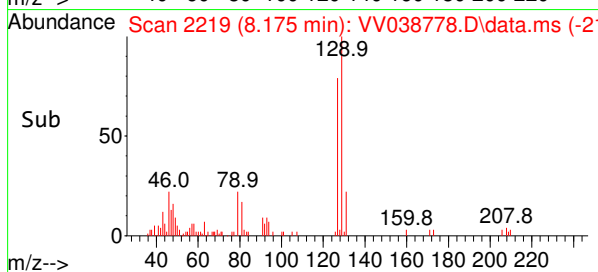
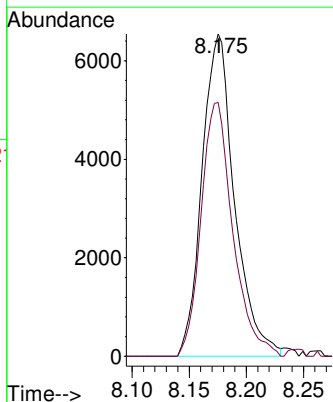
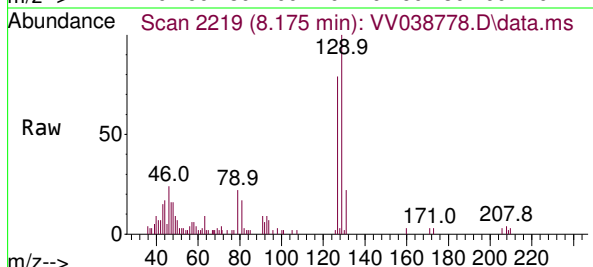
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

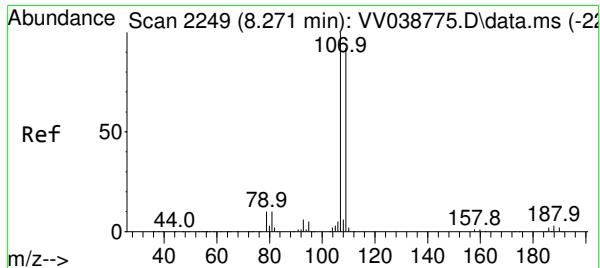
Tgt Ion:	43	Resp:	28576
Ion	Ratio	Lower	Upper
43	100		
58	39.8	48.0	72.0#
57	11.1	15.5	23.3#
100	2.0	11.0	16.4#



#49
Dibromochloromethane
Concen: 2.244 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	129	Resp:	12946
Ion	Ratio	Lower	Upper
129	100		
127	78.7	53.8	100.0

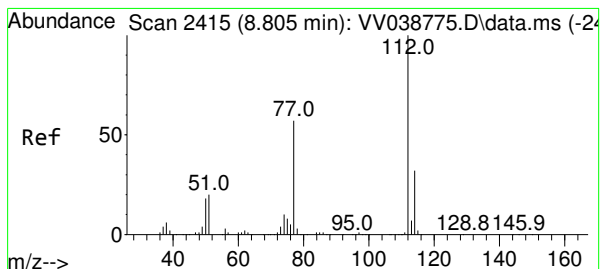
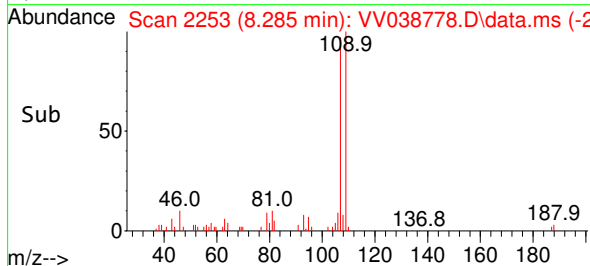
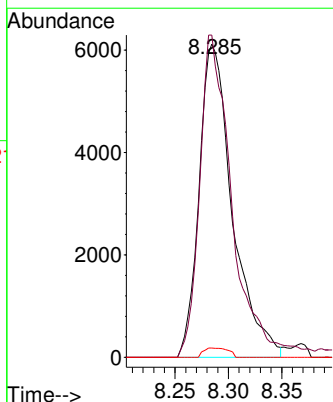
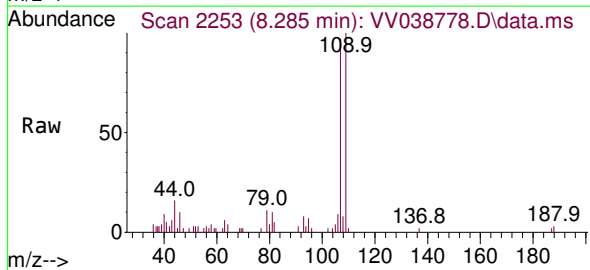




#50
1,2-Dibromoethane
Concen: 2.274 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

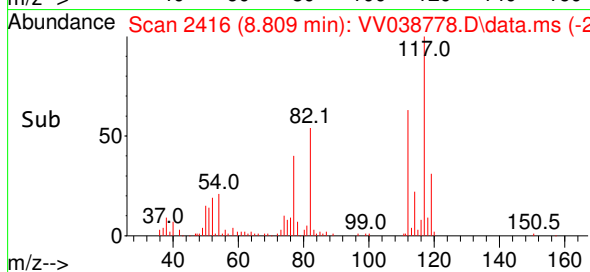
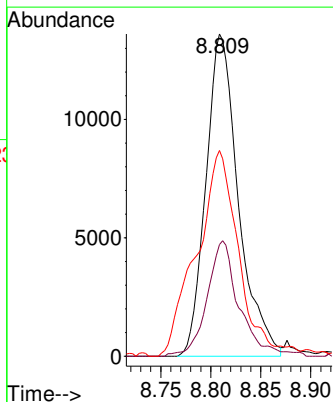
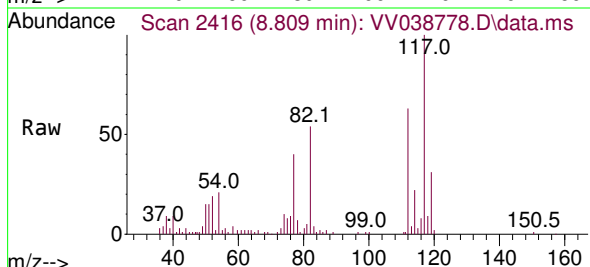
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

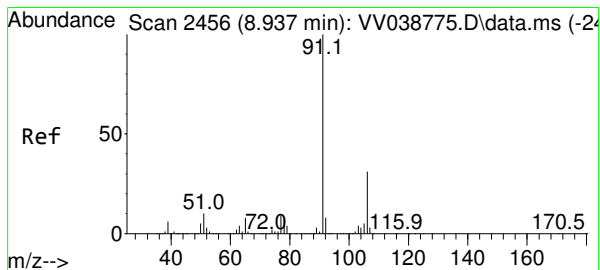
Tgt Ion:	107	Resp:	13271
Ion	Ratio	Lower	Upper
107	100		
109	102.9	66.1	122.7
188	3.0	2.6	3.8



#51
Chlorobenzene
Concen: 2.199 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	112	Resp:	30804
Ion	Ratio	Lower	Upper
112	100		
114	34.7	21.9	40.7
77	63.8	45.4	68.0





#52

Ethylbenzene

Concen: 1.846 ug/L

RT: 8.947 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

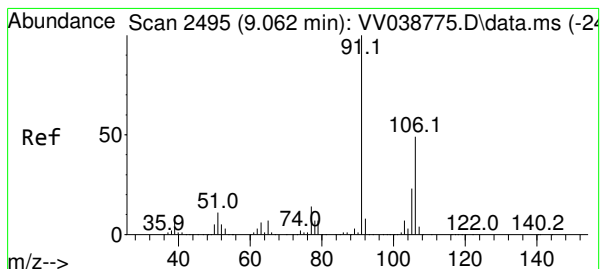
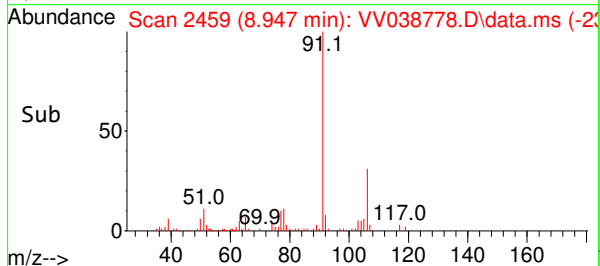
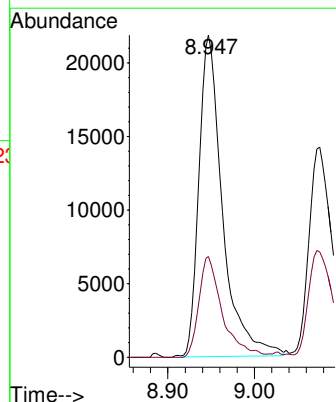
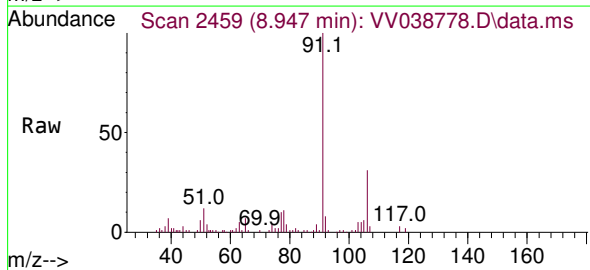
MDL-WATER-QT2-2025-03

Tgt Ion: 91 Resp: 41272

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 1.730 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.010 min

Lab File: VV038778.D

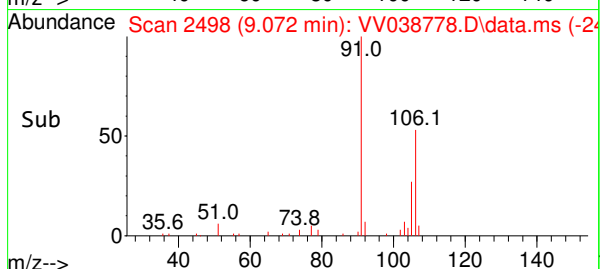
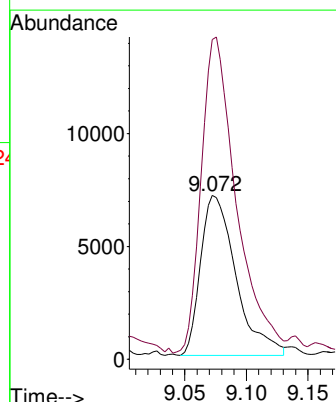
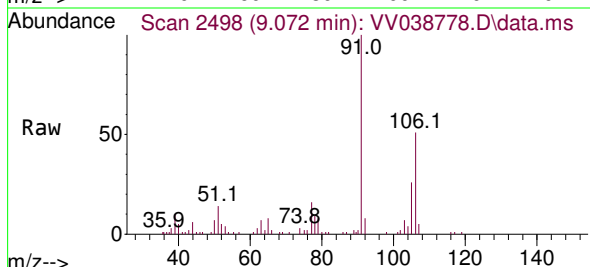
Acq: 10 Jun 2025 13:26

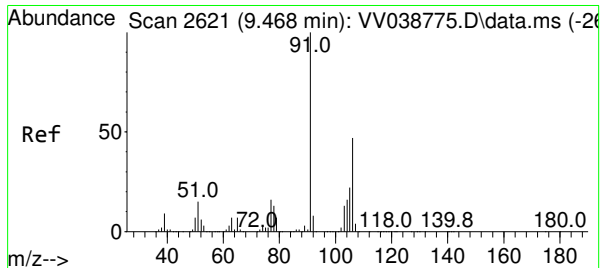
Tgt Ion:106 Resp: 14201

Ion Ratio Lower Upper

106 100

91 194.9 142.6 264.8

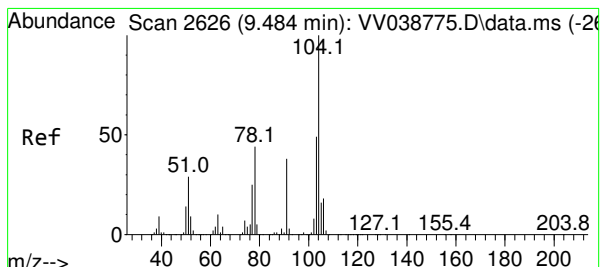
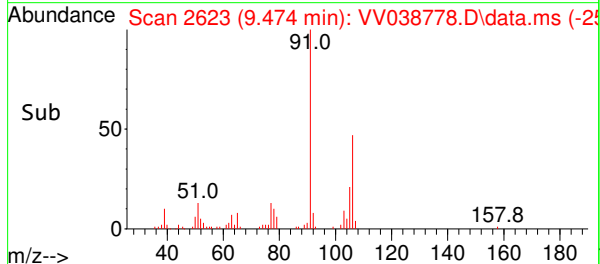
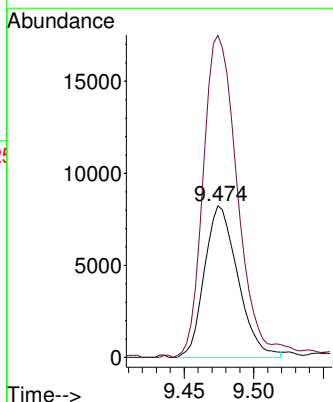
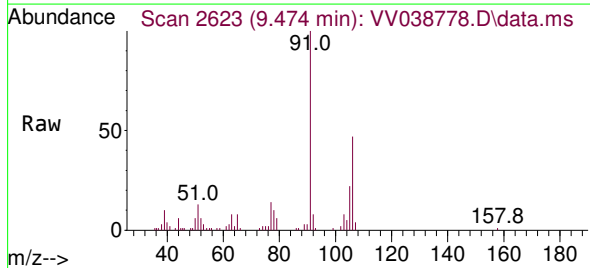




#54
o-Xylene
Concen: 1.728 ug/L
RT: 9.474 min Scan# 2621
Delta R.T. 0.007 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

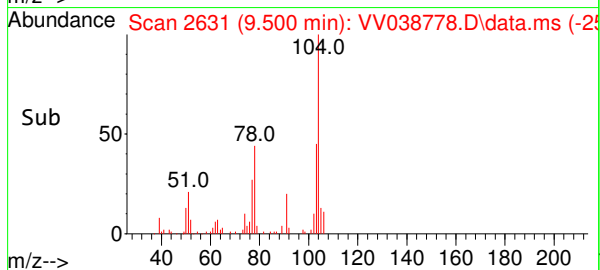
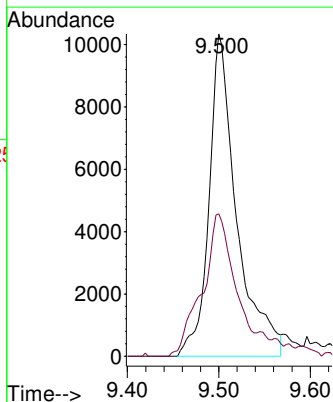
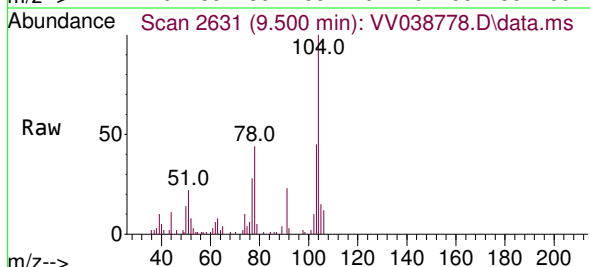
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

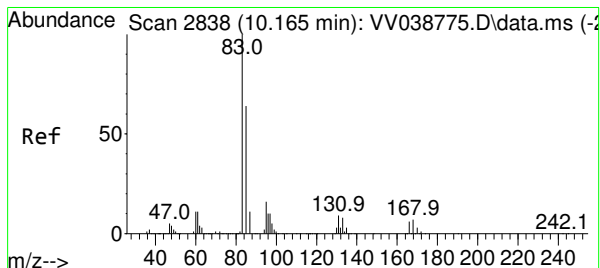
Tgt Ion:106 Resp: 13726
Ion Ratio Lower Upper
106 100
91 212.3 151.1 280.7



#55
Styrene
Concen: 1.570 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:104 Resp: 21714
Ion Ratio Lower Upper
104 100
78 44.2 29.7 55.1

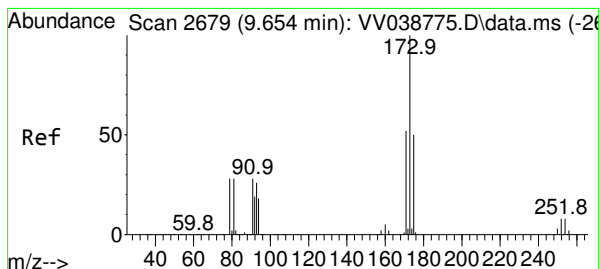
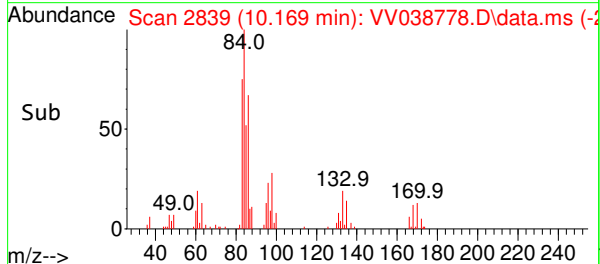
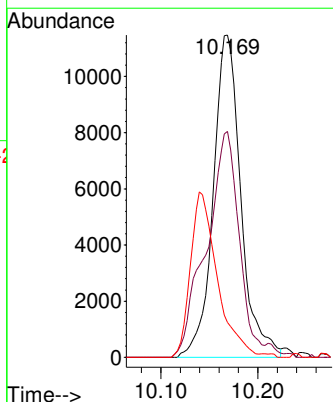
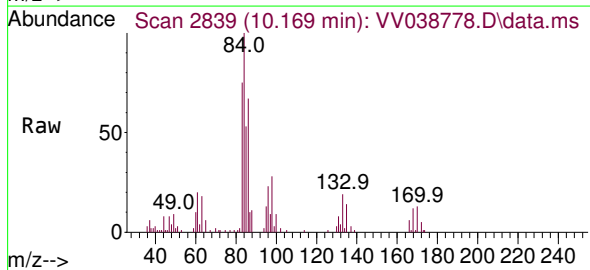




#57
1,1,2,2-Tetrachloroethane
Concen: 2.418 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

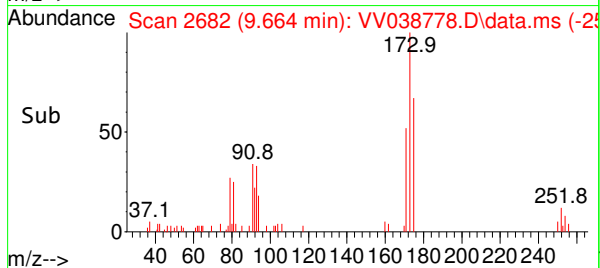
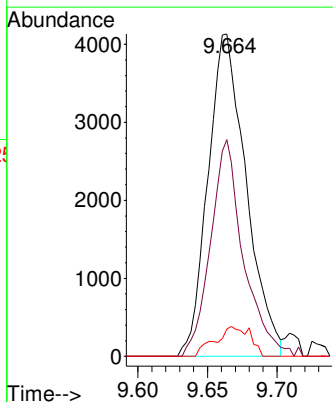
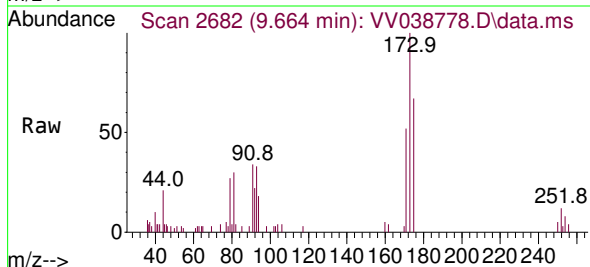
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

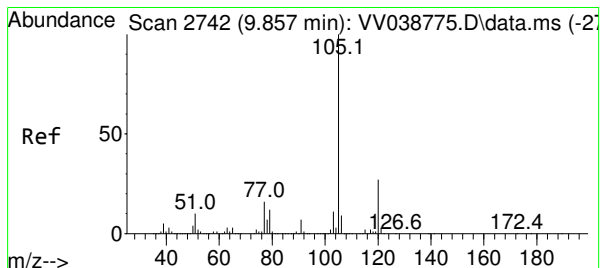
Tgt Ion:	83	Resp:	22661
Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.7	82.9
131	10.8	8.0	12.0



#59
Bromoform
Concen: 2.186 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.010 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	173	Resp:	7877
Ion	Ratio	Lower	Upper
173	100		
175	57.5	38.8	58.2
254	4.7	6.9	10.3#





#60

Isopropylbenzene

Concen: 1.875 ug/L

RT: 9.860 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

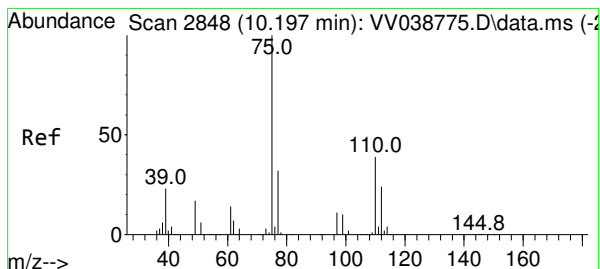
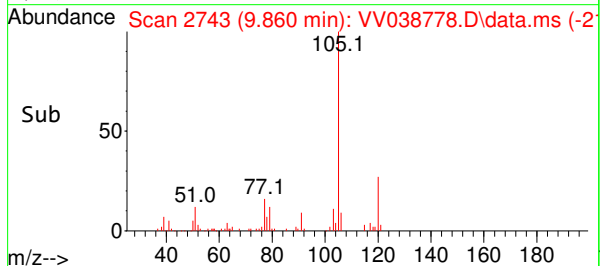
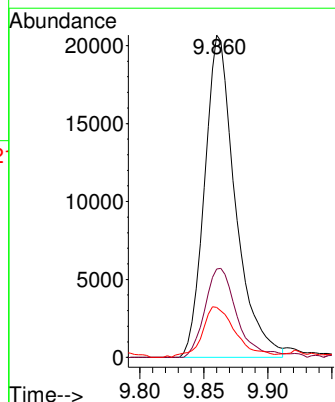
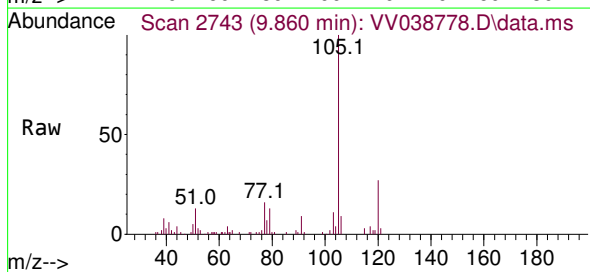
Tgt Ion:105 Resp: 34488

Ion Ratio Lower Upper

105 100

120 27.9 21.0 31.4

77 17.0 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 2.400 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.003 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

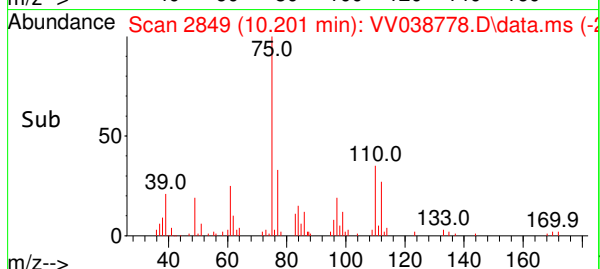
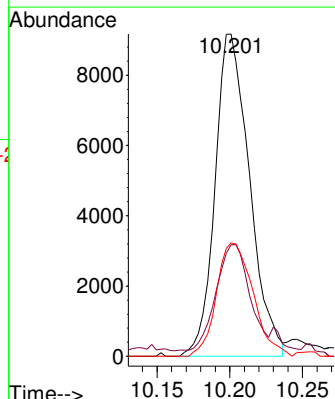
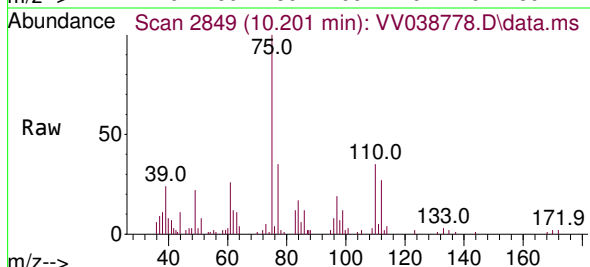
Tgt Ion: 75 Resp: 15148

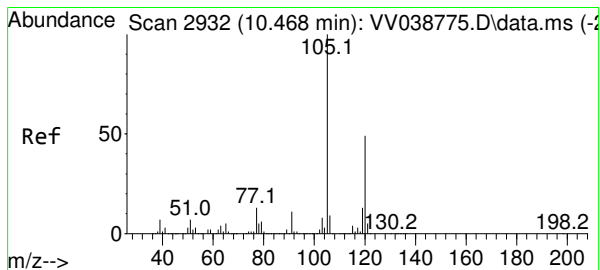
Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

110 37.3 32.2 48.4

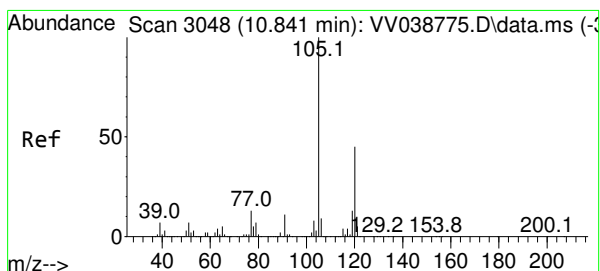
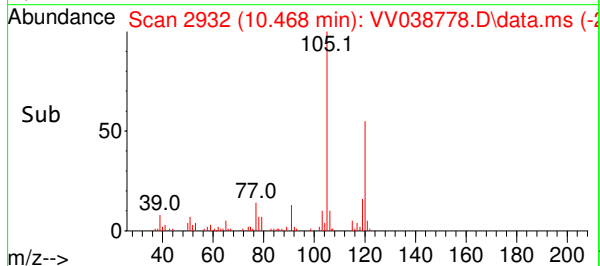
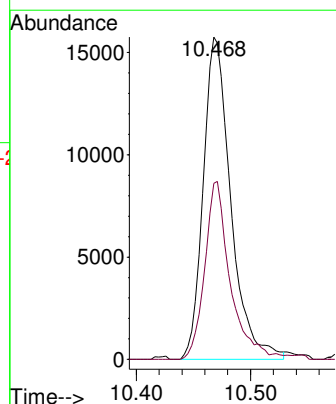
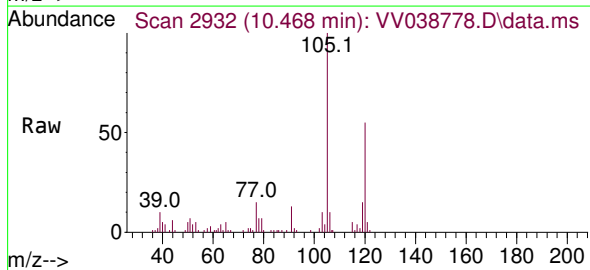




#62
1,3,5-Trimethylbenzene
Concen: 1.846 ug/L
RT: 10.468 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

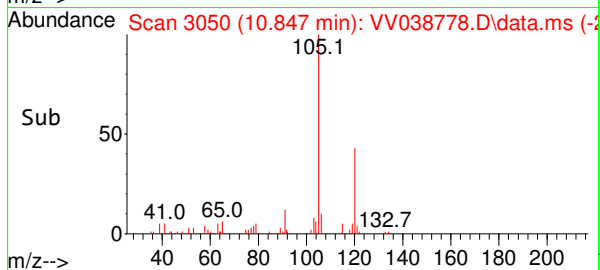
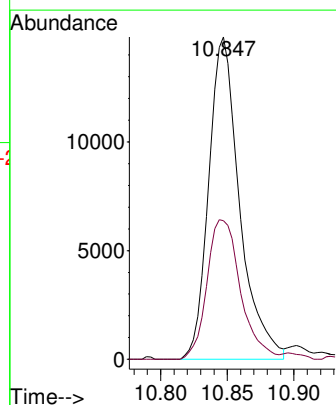
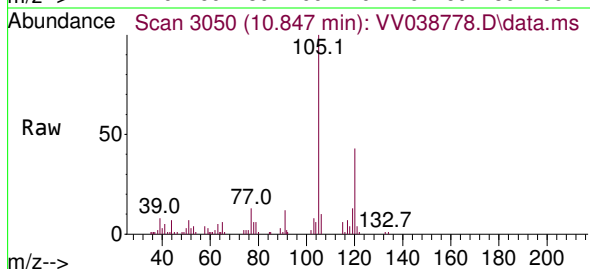
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

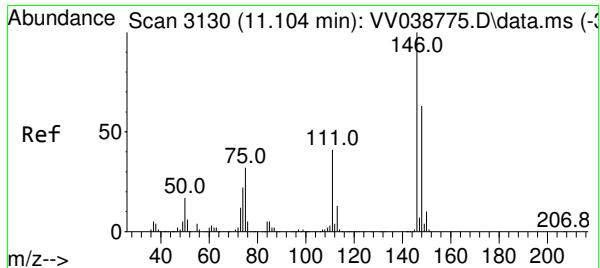
Tgt Ion:105 Resp: 26416
Ion Ratio Lower Upper
105 100
120 50.3 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 1.690 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.007 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:105 Resp: 23890
Ion Ratio Lower Upper
105 100
120 47.0 36.6 55.0

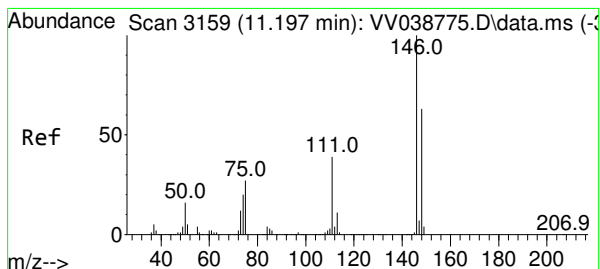
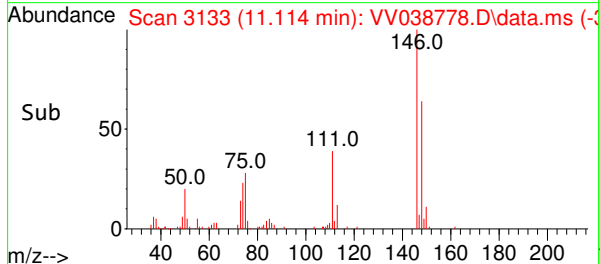
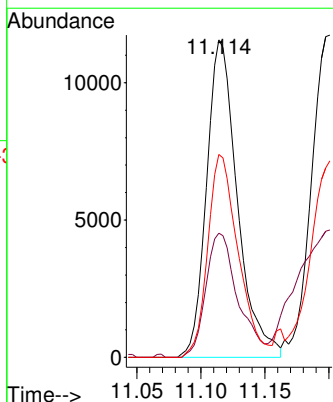
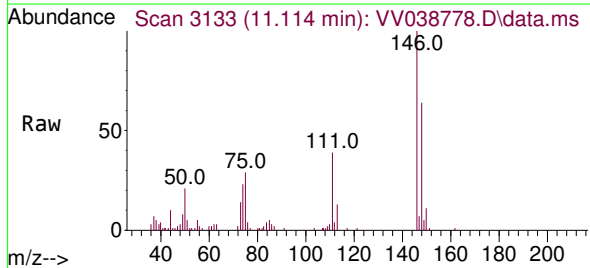




#64
1,3-Dichlorobenzene
Concen: 2.197 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

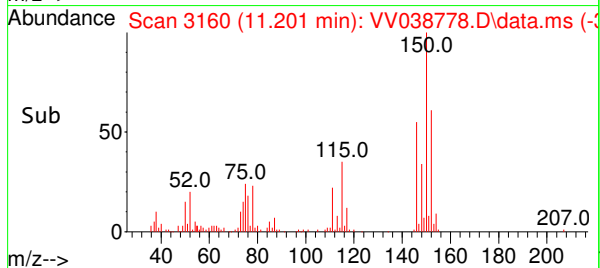
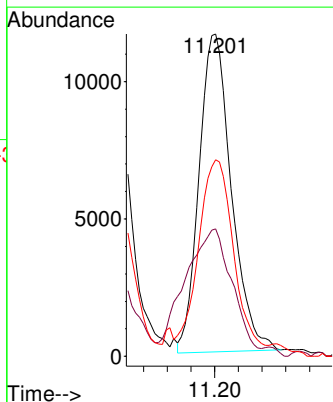
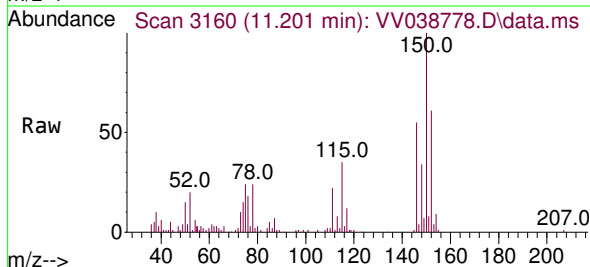
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

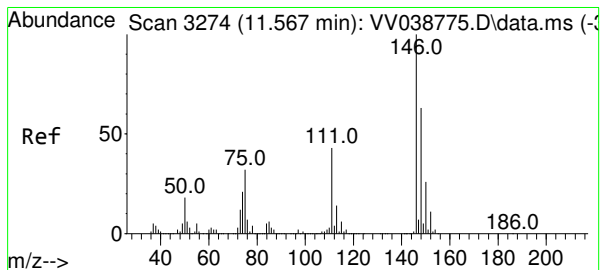
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.8	51.6
148	63.9	45.1	83.7



#65
1,4-Dichlorobenzene
Concen: 2.318 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.6	51.4
148	60.9	44.9	83.3





#67

1,2-Dichlorobenzene

Concen: 2.656 ug/L

RT: 11.567 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

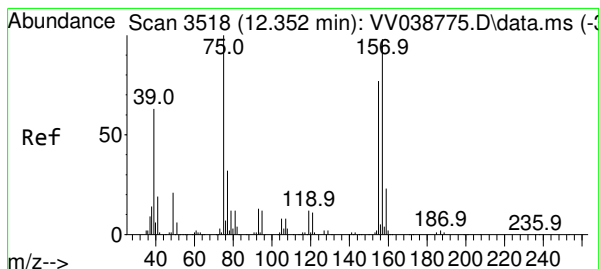
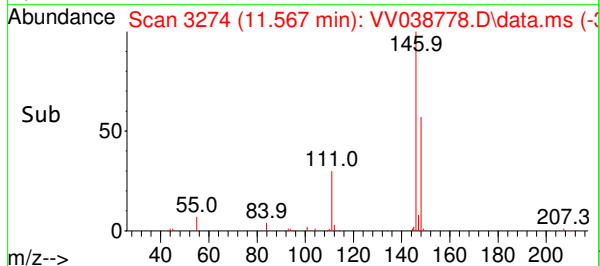
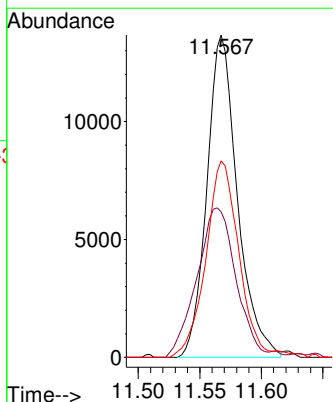
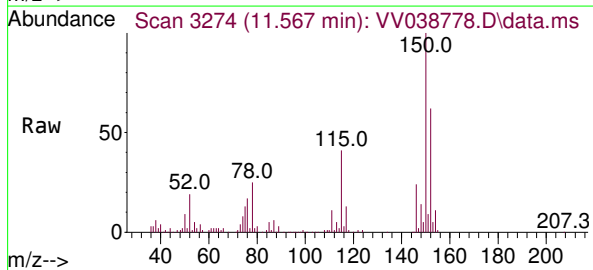
Tgt Ion:146 Resp: 23579

Ion Ratio Lower Upper

146 100

111 45.2 34.2 51.2

148 61.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.549 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.013 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

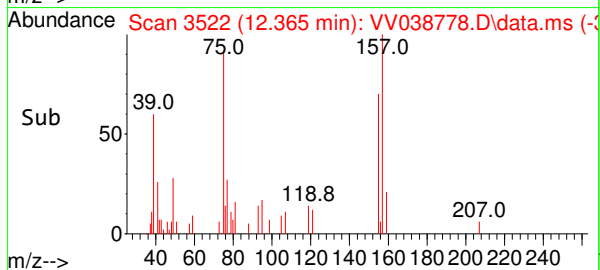
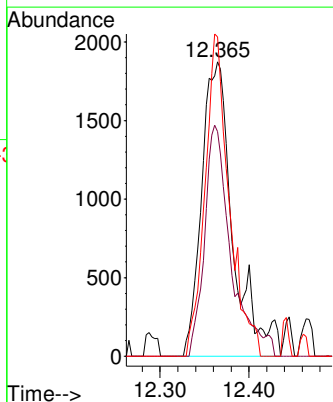
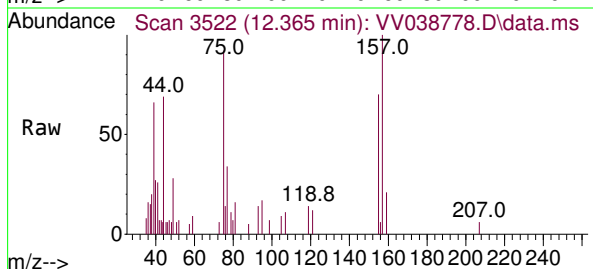
Tgt Ion: 75 Resp: 4597

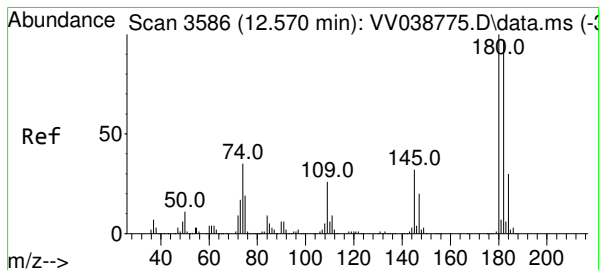
Ion Ratio Lower Upper

75 100

155 76.3 66.8 100.2

157 108.5 83.4 125.2

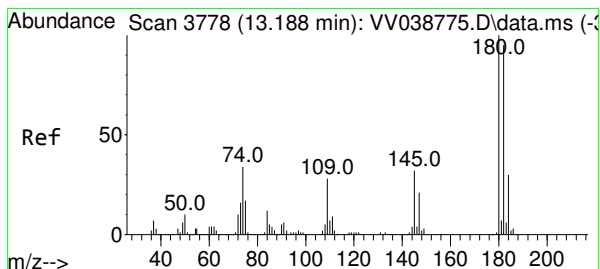
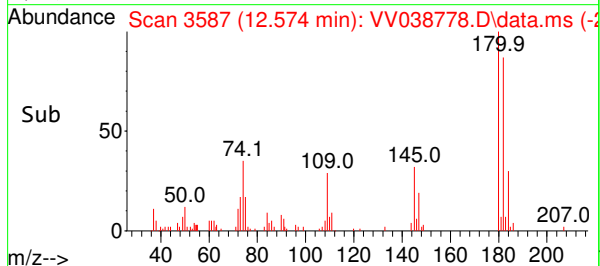
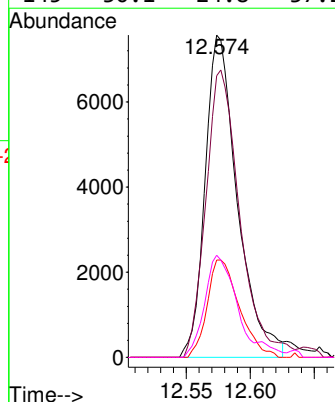
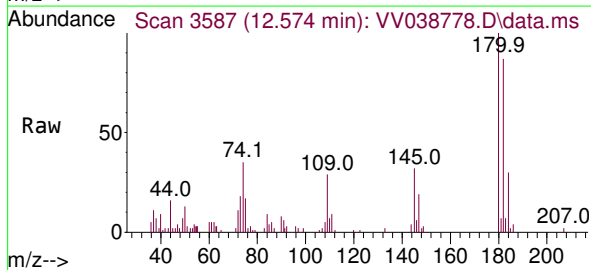




#69
1,3,5-Trichlorobenzene
Concen: 2.287 ug/L
RT: 12.574 min Scan# 3586
Delta R.T. 0.003 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

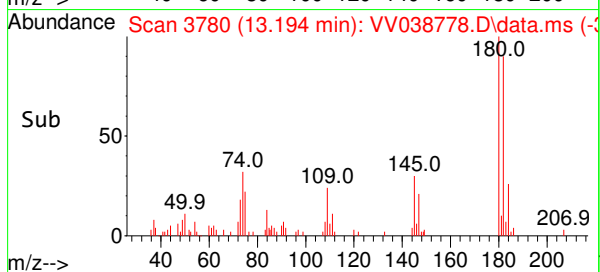
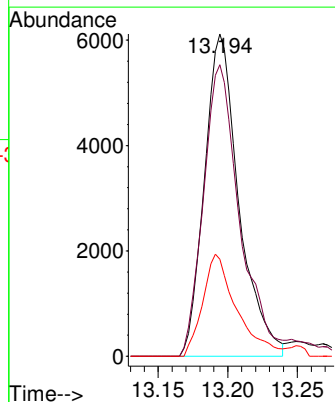
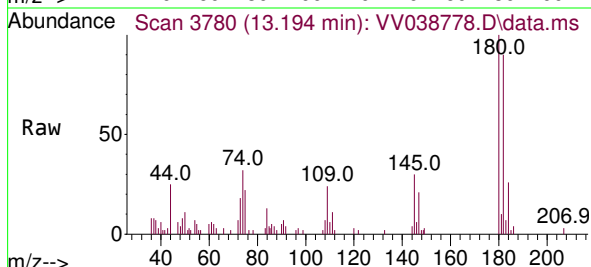
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

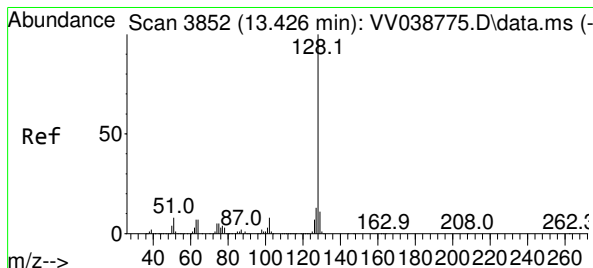
Tgt Ion:	180	Resp:	13286
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.2	114.4
184	30.1	23.8	35.6
145	30.1	24.8	37.2



#70
1,2,4-trichlorobenzene
Concen: 2.116 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. 0.007 min
Lab File: VV038778.D
Acq: 10 Jun 2025 13:26

Tgt Ion:	180	Resp:	10511
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.2
145	31.3	24.7	37.1





#71

Naphthalene

Concen: 1.677 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

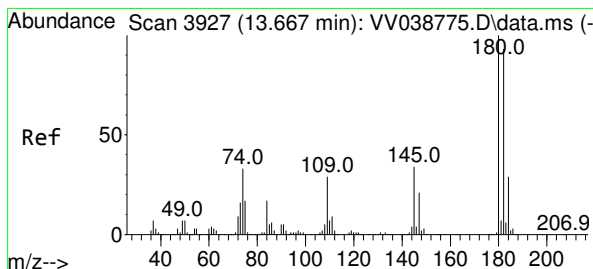
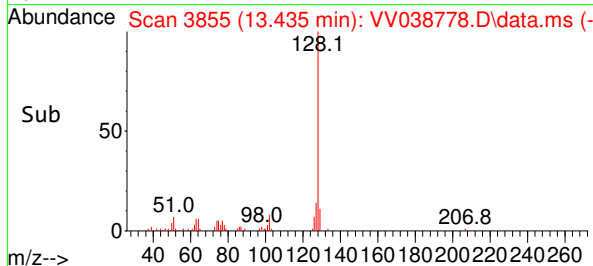
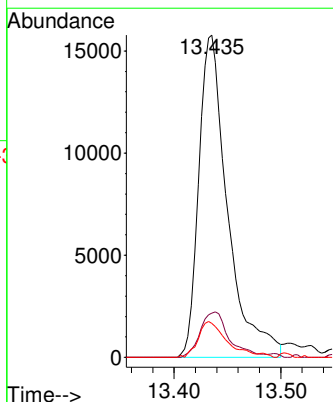
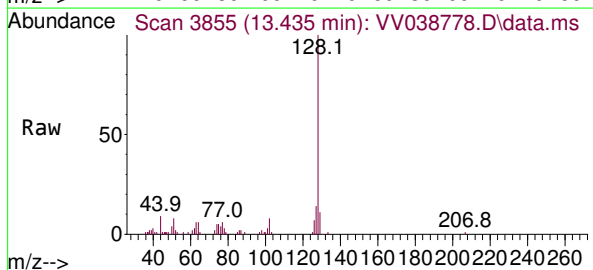
Tgt Ion:128 Resp: 29587

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 1.960 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.007 min

Lab File: VV038778.D

Acq: 10 Jun 2025 13:26

Tgt Ion:180 Resp: 10157

Ion Ratio Lower Upper

180 100

182 98.4 75.8 113.6

145 33.0 27.1 40.7

