

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038755.D
 Acq On : 05 Jun 2025 13:00
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 13 10:23:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:19:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	228178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	96025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	139970	4.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.542	69	109619	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.066	65	57112	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.789	46	209911	53.185	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	4.249	84	217812	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.941	65	103532	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.960	84	392373	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.986	67	130881	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.236	98	296105	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.555	79	43612	4.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.014	63	150328	50.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	88622	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	95154	5.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	7354	0.251	ug/L	99
6) Bromomethane	1.497	94	5077	0.317	ug/L	97
8) Chloroethane	1.558	64	5760	0.297	ug/L	90
9) Trichlorofluoromethane	1.722	101	10670	0.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	8379	0.352	ug/L #	82
12) 1,1-Dichloroethene	2.076	96	7273	0.325	ug/L #	1
14) Carbon disulfide	2.249	76	19132	0.251	ug/L	99
16) Methylene chloride	2.455	84	7321	0.291	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	10299	0.252	ug/L #	94
18) trans-1,2-Dichloroethene	2.706	96	5379	0.241	ug/L	95
19) 1,1-Dichloroethane	3.121	63	11908	0.267	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	4313	0.194	ug/L	90
23) Bromochloromethane	4.166	128	2413	0.241	ug/L	94
25) Chloroform	4.278	83	13705	0.309	ug/L	93
29) 1,1,1-Trichloroethane	4.510	97	10219	0.267	ug/L	94
30) Cyclohexane	4.587	56	8075	0.228	ug/L #	92
31) Carbon tetrachloride	4.738	117	8231	0.244	ug/L	86
33) Benzene	5.015	78	20369	0.227	ug/L	100
34) Trichloroethene	5.844	95	5736	0.251	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038755.D
 Acq On : 05 Jun 2025 13:00
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 13 10:23:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:19:03 2025
 Response via : Initial Calibration

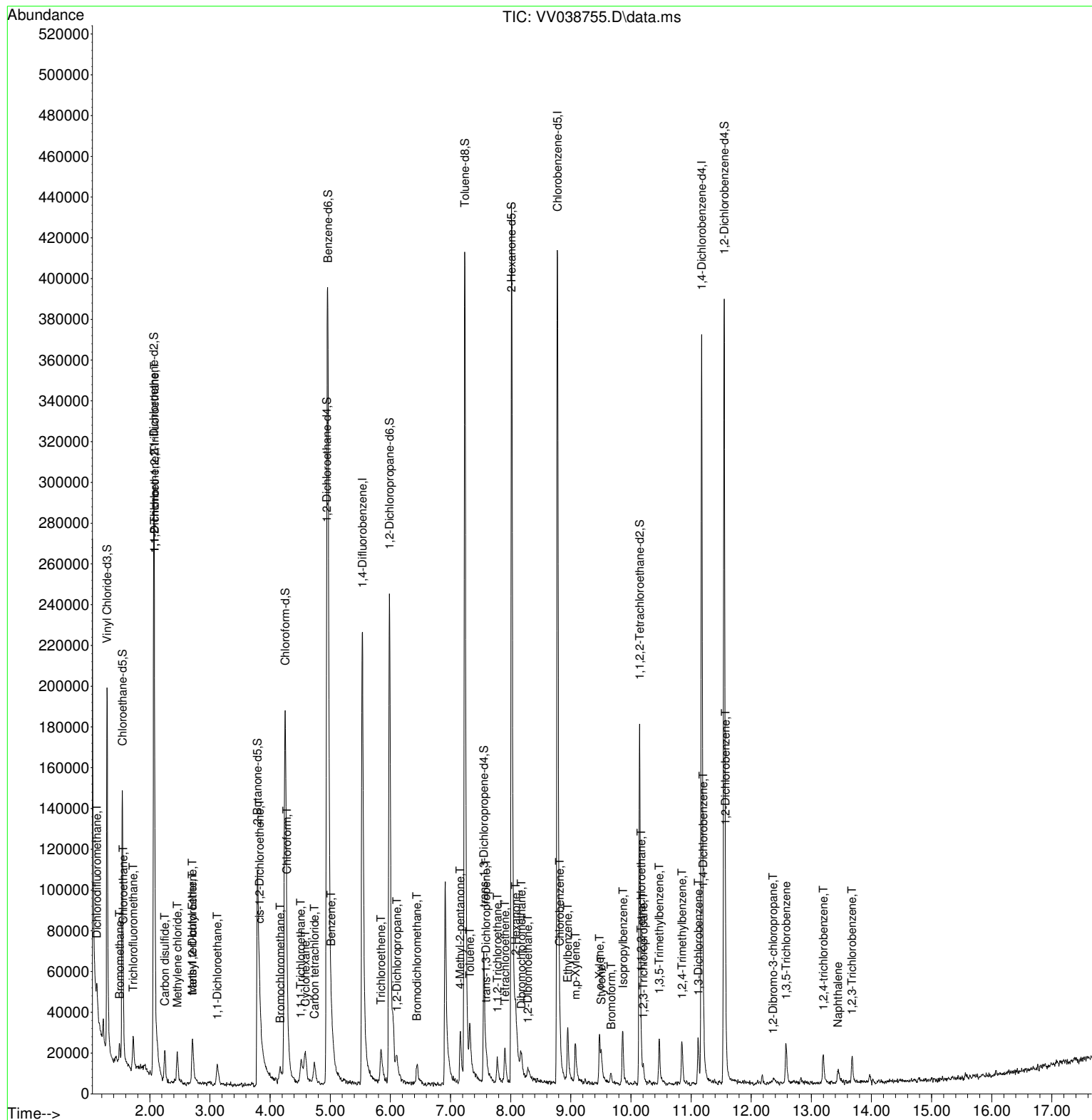
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.111	63	5400	0.228	ug/L #	96
38) Bromodichloromethane	6.439	83	7918	0.256	ug/L	91
40) 4-Methyl-2-pentanone	7.159	43	19889	1.838	ug/L #	86
42) Toluene	7.320	91	19531	0.215	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	6691	0.253	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	4499	0.268	ug/L	93
47) Tetrachloroethene	7.908	164	4572	0.259	ug/L	91
48) 2-Hexanone	8.082	43	25210	3.375	ug/L #	83
49) Dibromochloromethane	8.175	129	4922	0.264	ug/L	91
50) 1,2-Dibromoethane	8.288	107	3847	0.263	ug/L #	90
51) Chlorobenzene	8.815	112	14330	0.243	ug/L	92
52) Ethylbenzene	8.950	91	19184	0.206	ug/L	96
53) m,p-Xylene	9.079	106	6512	0.185	ug/L	93
54) o-Xylene	9.477	106	5875	0.176	ug/L	99
55) Styrene	9.503	104	9319	0.163	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	5439	0.283	ug/L #	85
59) Bromoform	9.670	173	2255	0.300	ug/L #	92
60) Isopropylbenzene	9.866	105	17203	0.242	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	3214	0.315	ug/L	93
62) 1,3,5-Trimethylbenzene	10.471	105	11770	0.215	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	11477	0.210	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	8870	0.258	ug/L	93
65) 1,4-Dichlorobenzene	11.201	146	9088	0.252	ug/L	93
67) 1,2-Dichlorobenzene	11.571	146	9086	0.289	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.365	75	807	0.370	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.580	180	6423	0.289	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	4065	0.232	ug/L	87
71) Naphthalene	13.442	128	5474	0.194	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.673	180	3921	0.245	ug/L	98

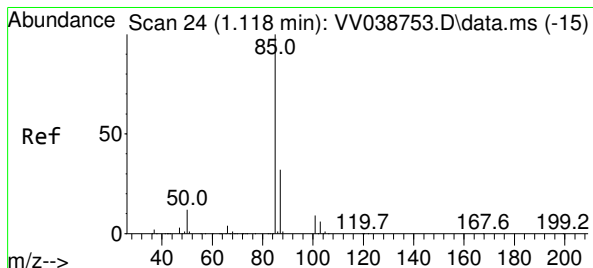
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
Data File : VV038755.D
Acq On : 05 Jun 2025 13:00
Operator : SY/MD
Sample : Q2117-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 13 10:23:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 13 10:19:03 2025
Response via : Initial Calibration

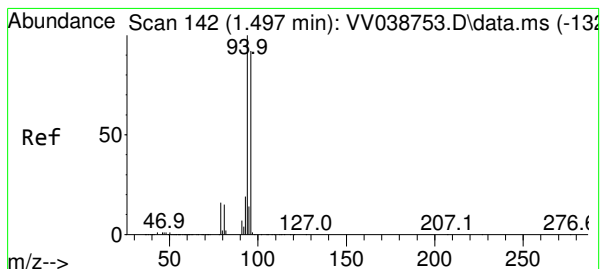
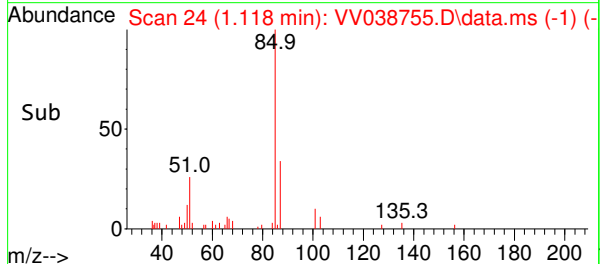
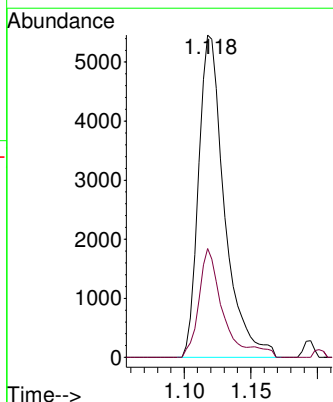
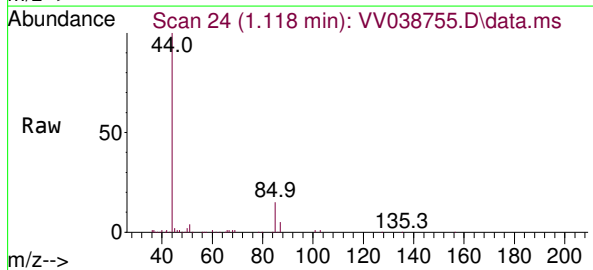




#2
Dichlorodifluoromethane
Concen: 0.251 ug/L
RT: 1.118 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

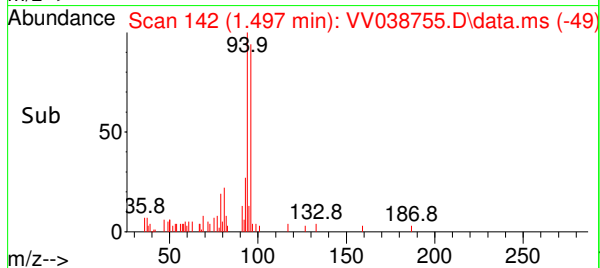
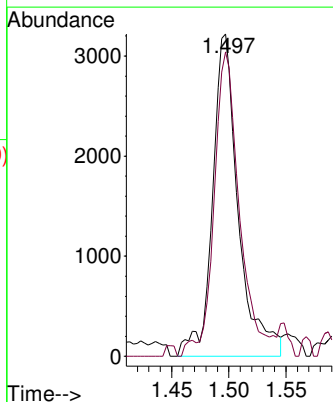
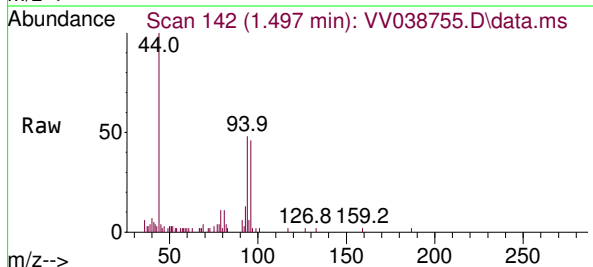
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

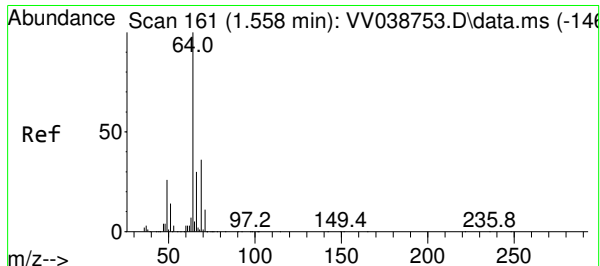
Tgt Ion: 85 Resp: 7354
Ion Ratio Lower Upper
85 100
87 31.6 25.5 38.3



#6
Bromomethane
Concen: 0.317 ug/L
RT: 1.497 min Scan# 142
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 94 Resp: 5077
Ion Ratio Lower Upper
94 100
96 94.4 64.3 119.3

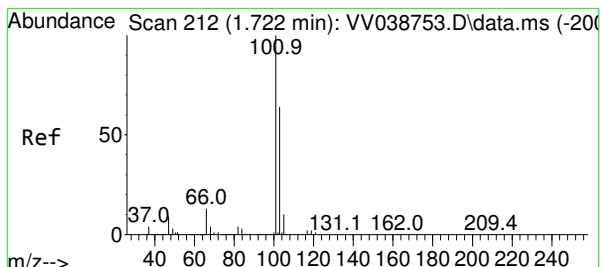
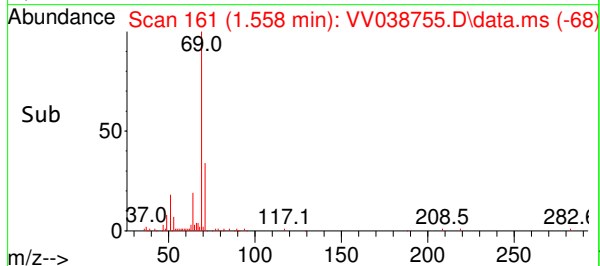
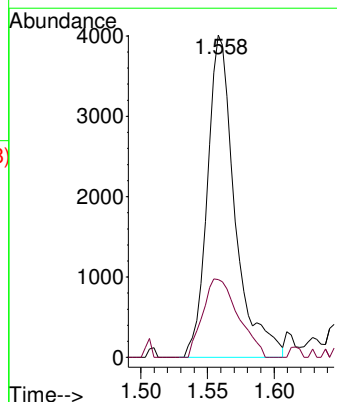
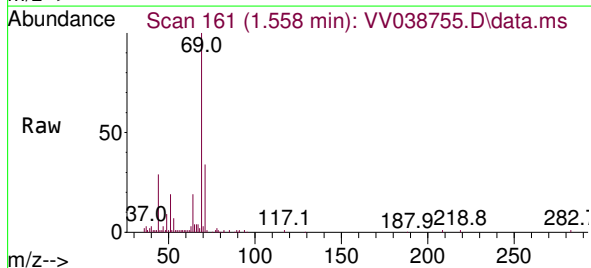




#8
Chloroethane
Concen: 0.297 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

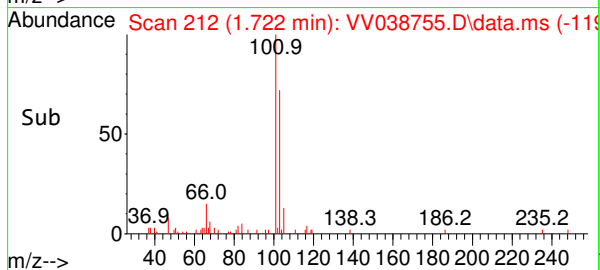
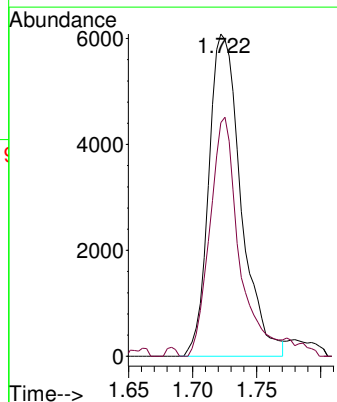
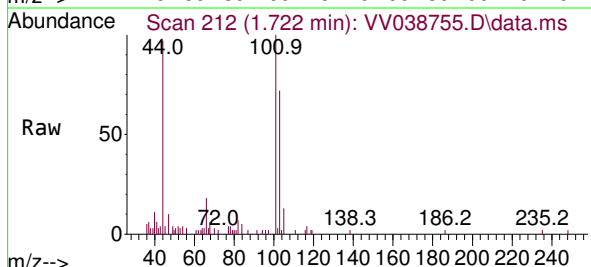
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

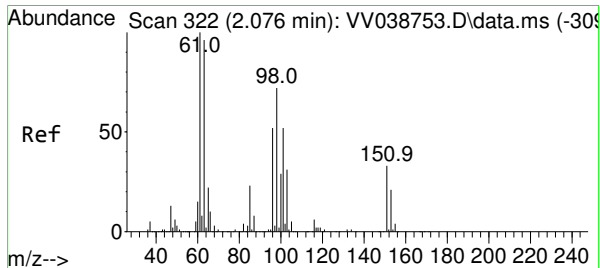
Tgt Ion: 64 Resp: 5760
Ion Ratio Lower Upper
64 100
66 24.2 20.9 38.7



#9
Trichlorofluoromethane
Concen: 0.256 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 101 Resp: 10670
Ion Ratio Lower Upper
101 100
103 67.0 52.4 78.6

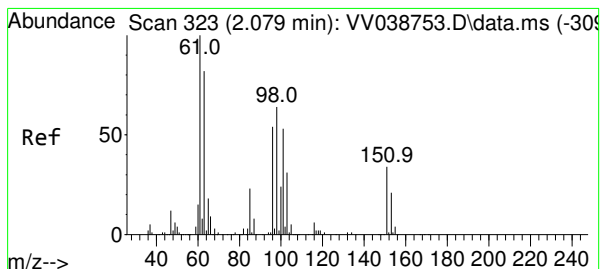
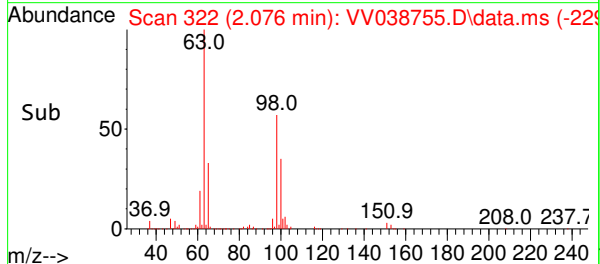
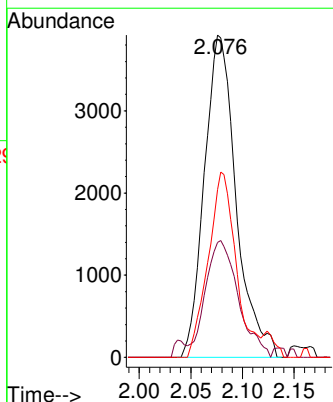
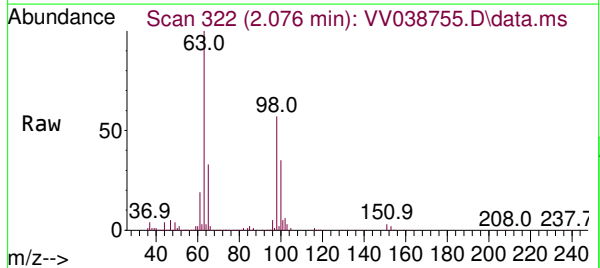




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.352 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

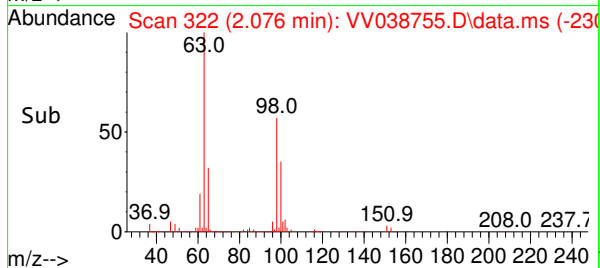
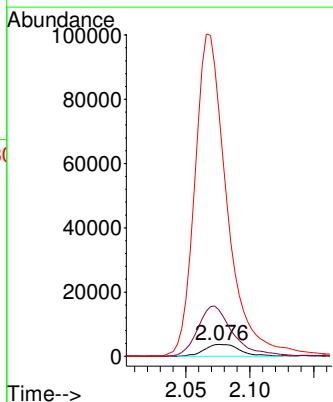
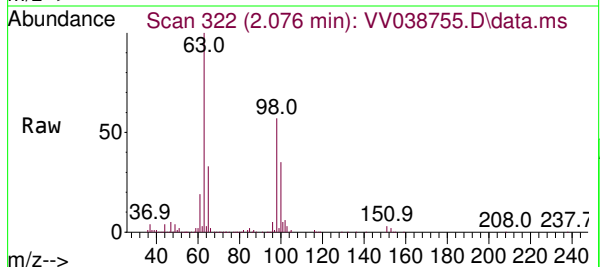
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

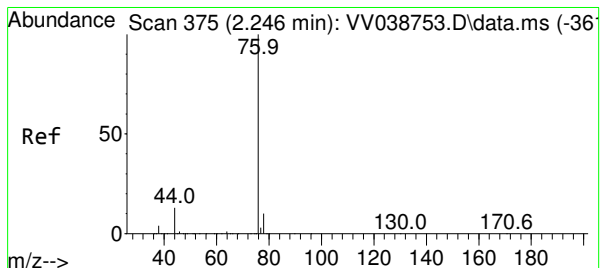
Tgt Ion:	101	Resp:	8379
Ion	Ratio	Lower	Upper
101	100		
85	37.4	35.0	52.4
151	50.3	55.1	82.7#



#12
 1,1-Dichloroethene
 Concen: 0.325 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Tgt Ion:	96	Resp:	7273
Ion	Ratio	Lower	Upper
96	100		
61	392.9	122.8	228.1#
63	2069.9	92.0	170.8#





#14

Carbon disulfide

Concen: 0.251 ug/L

RT: 2.249 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

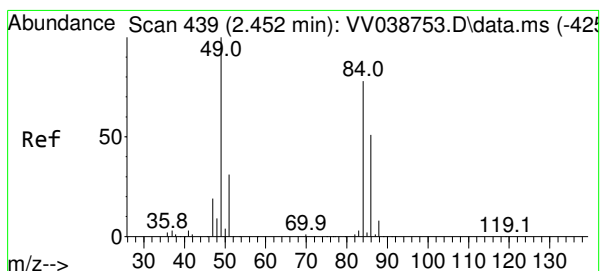
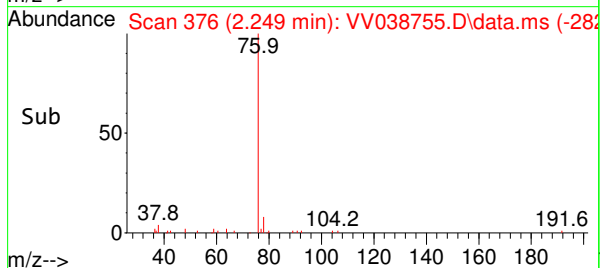
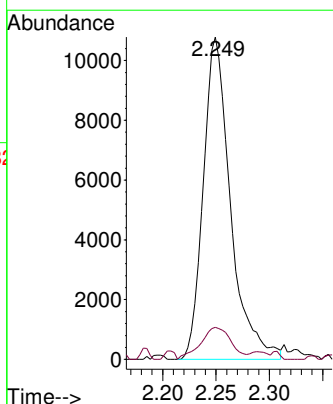
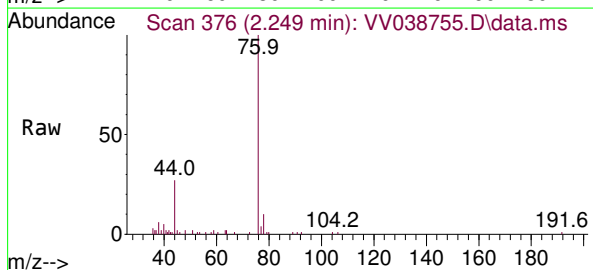
MDL-WATER-QT2-2025-03

Tgt Ion: 76 Resp: 19132

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3



#16

Methylene chloride

Concen: 0.291 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

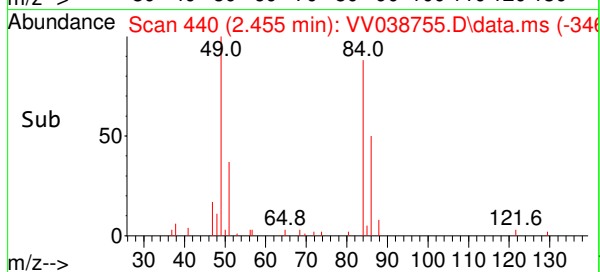
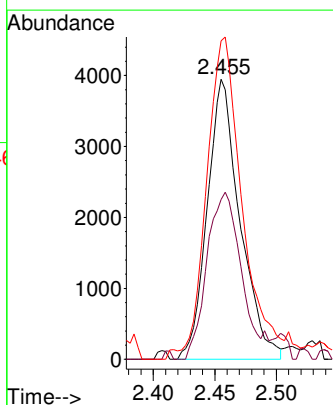
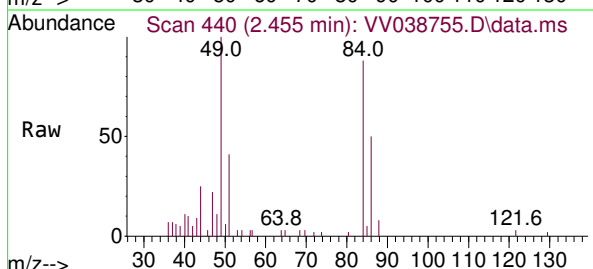
Tgt Ion: 84 Resp: 7321

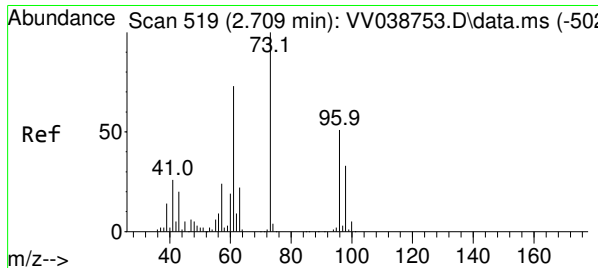
Ion Ratio Lower Upper

84 100

86 57.0 46.0 85.4

49 113.7 83.9 155.9

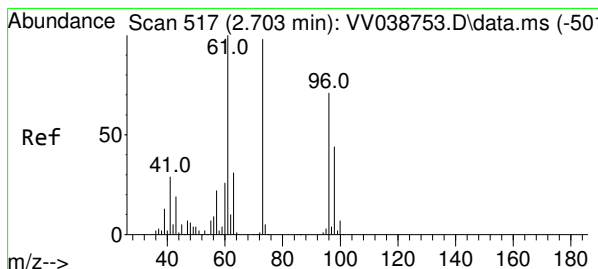
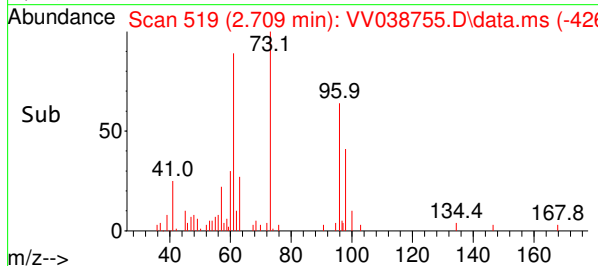
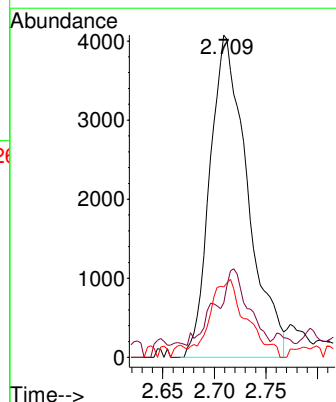
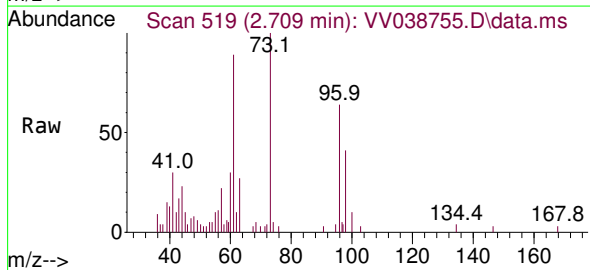




#17
Methyl tert-butyl Ether
Concen: 0.252 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

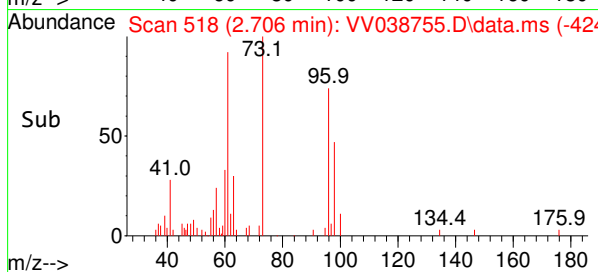
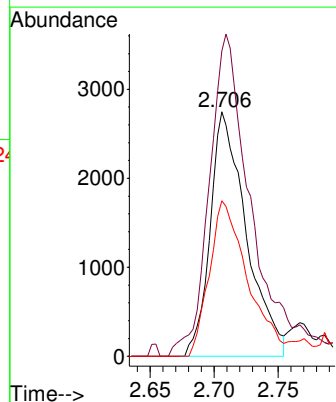
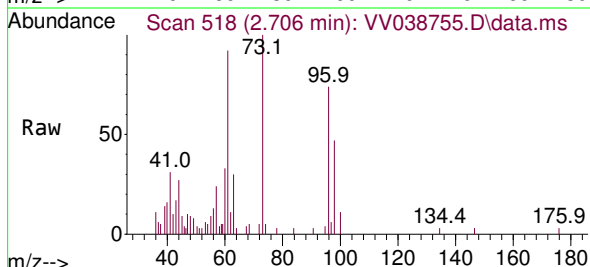
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

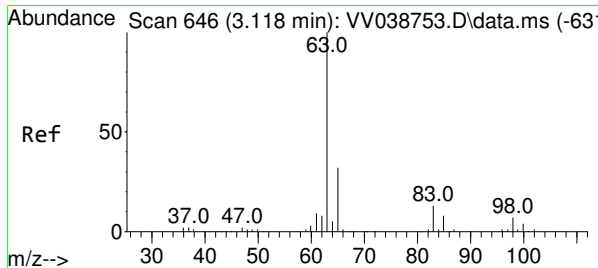
Tgt Ion:	73	Resp:	10299
Ion	Ratio	Lower	Upper
73	100		
43	12.8	14.6	22.0#
57	23.5	18.2	27.2



#18
trans-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	96	Resp:	5379
Ion	Ratio	Lower	Upper
96	100		
61	124.8	91.4	169.8
98	63.6	41.6	77.2

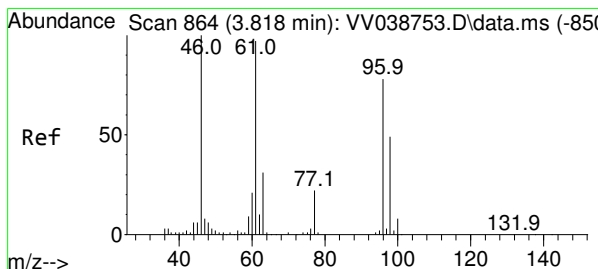
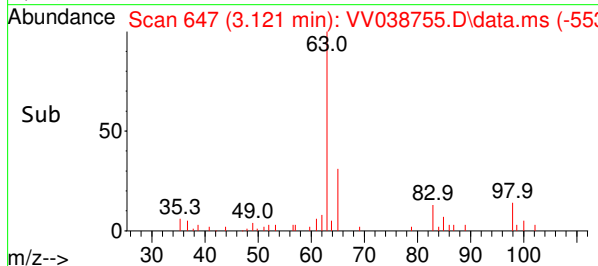
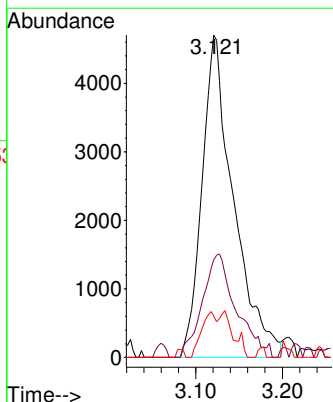
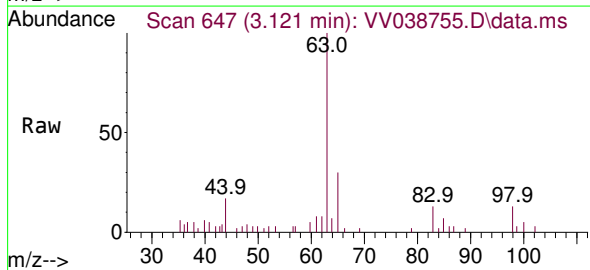




#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

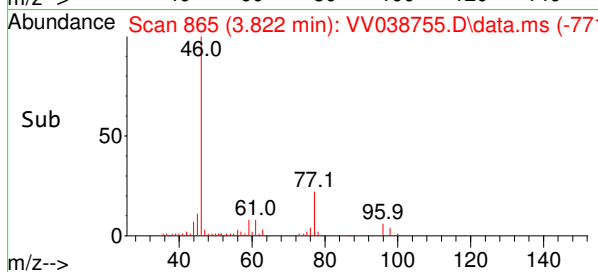
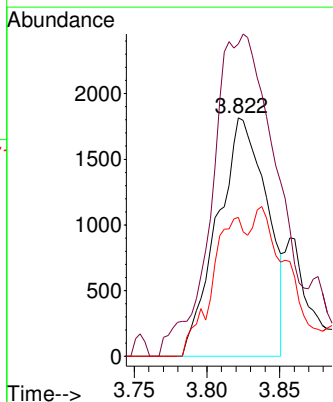
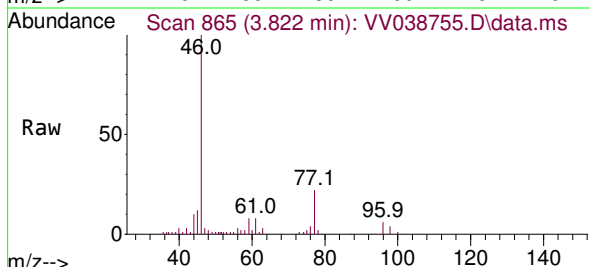
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

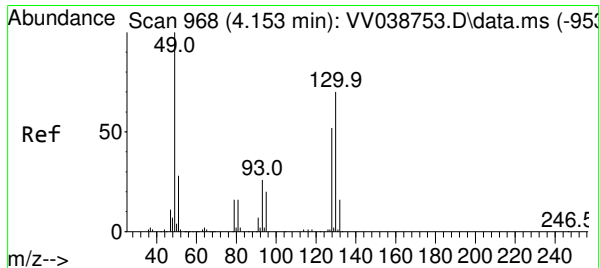
Tgt Ion:	63	Resp:	11908
Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.8	40.4
83	12.8	9.2	17.2



#22
cis-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	96	Resp:	4313
Ion	Ratio	Lower	Upper
96	100		
61	131.0	83.6	155.2
98	58.3	45.6	84.8

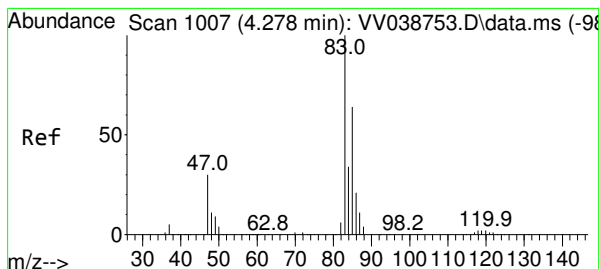
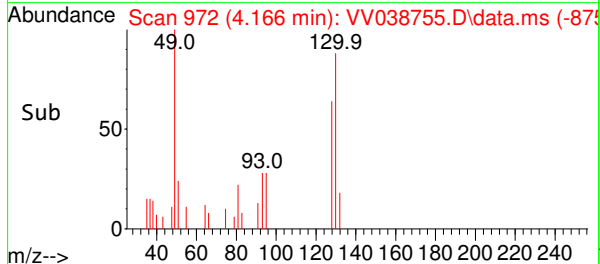
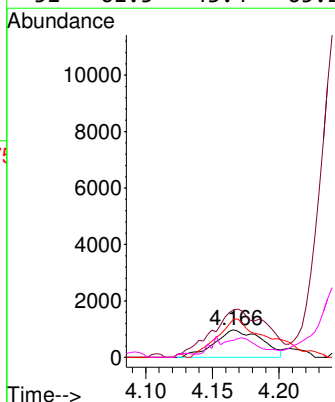
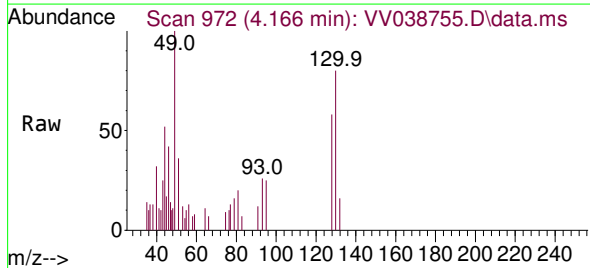




#23
Bromochloromethane
Concen: 0.241 ug/L
RT: 4.166 min Scan# 912
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

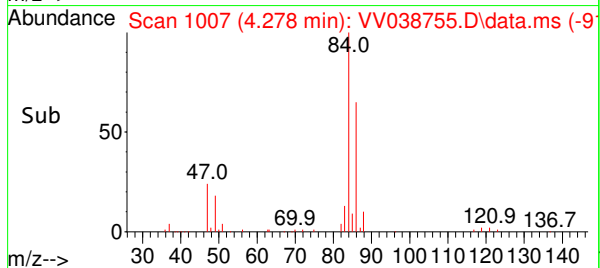
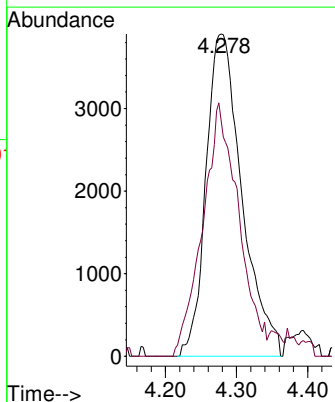
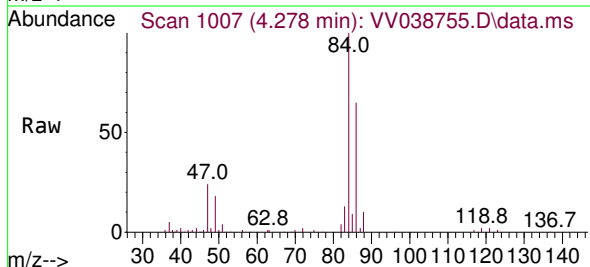
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

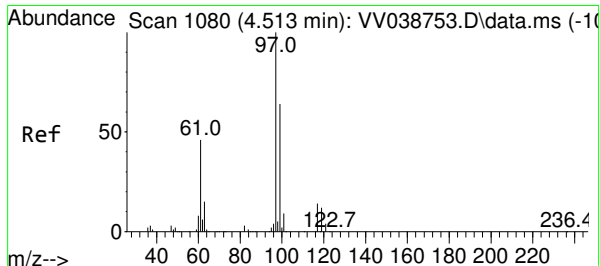
Tgt Ion:	128	Resp:	2413
Ion	Ratio	Lower	Upper
128	100		
49	171.6	116.0	215.4
130	137.2	90.2	167.6
51	61.5	43.4	65.2



#25
Chloroform
Concen: 0.309 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	83	Resp:	13705
Ion	Ratio	Lower	Upper
83	100		
85	73.2	47.2	87.6

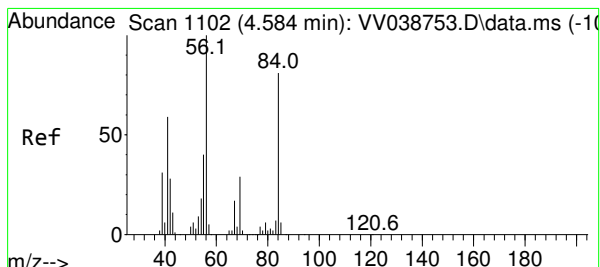
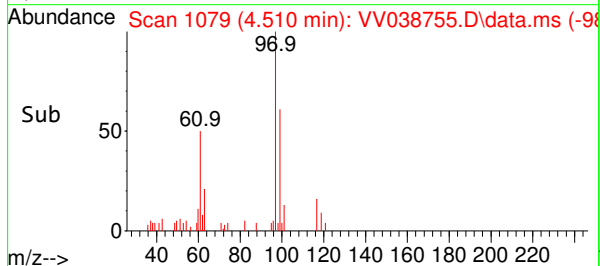
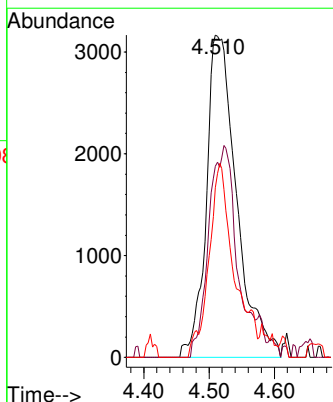
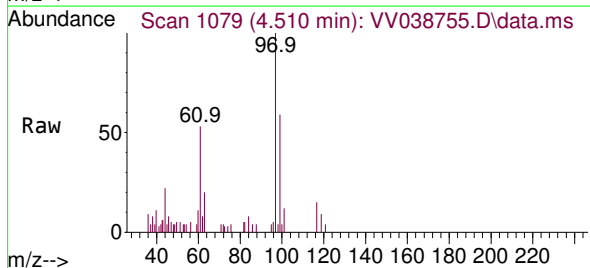




#29
1,1,1-Trichloroethane
Concen: 0.267 ug/L
RT: 4.510 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

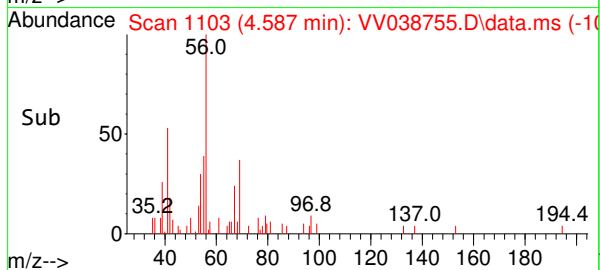
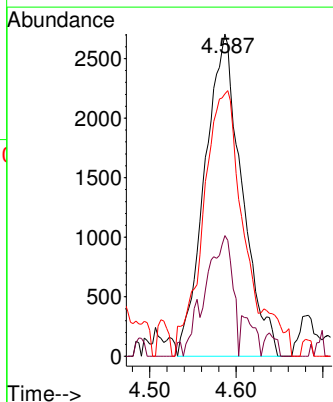
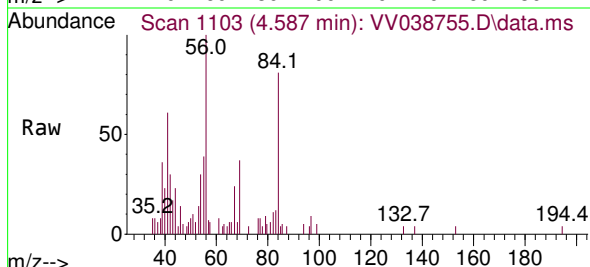
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

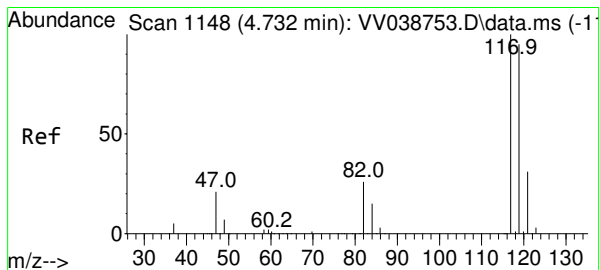
Tgt Ion:	97	Resp:	10219
Ion	Ratio	Lower	Upper
97	100		
99	60.4	50.9	76.3
61	49.7	35.8	53.6



#30
Cyclohexane
Concen: 0.228 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	56	Resp:	8075
Ion	Ratio	Lower	Upper
56	100		
69	23.3	24.0	36.0#
84	84.9	72.7	109.1

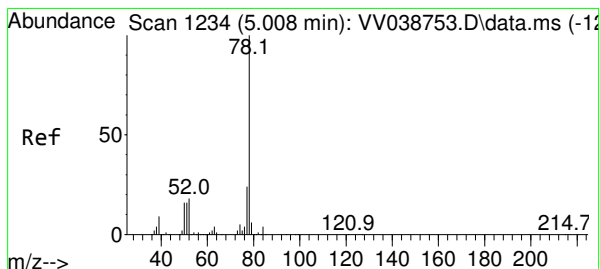
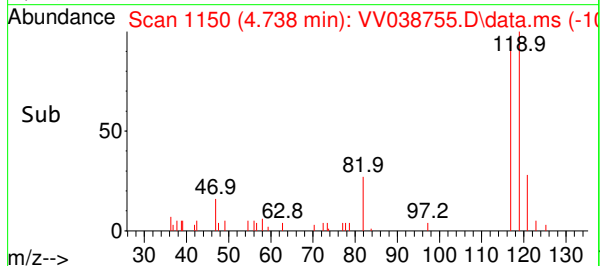
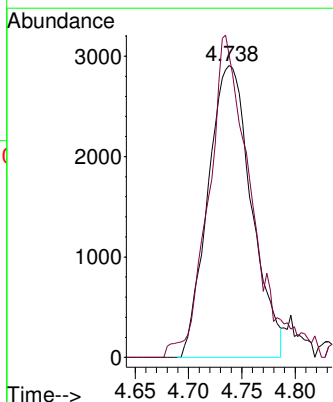
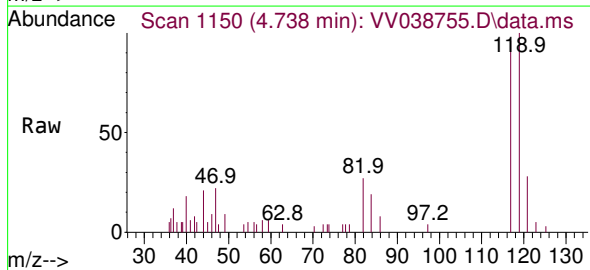




#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

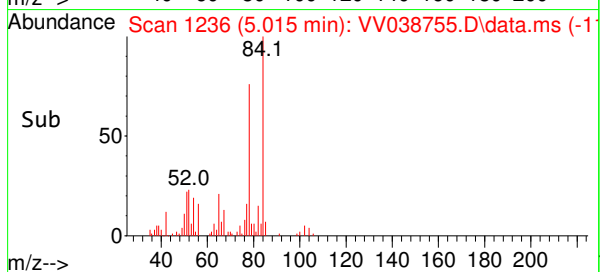
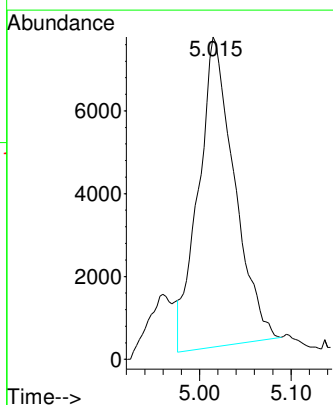
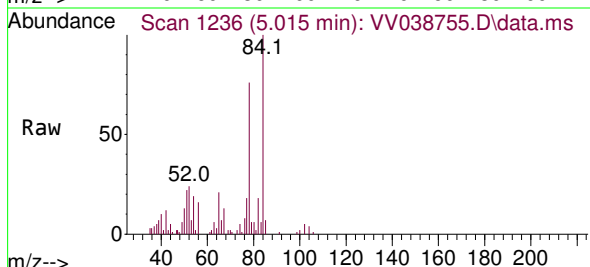
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

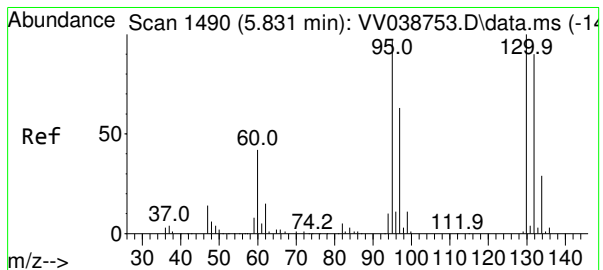
Tgt Ion:117 Resp: 8231
Ion Ratio Lower Upper
117 100
119 109.2 76.5 114.7



#33
Benzene
Concen: 0.227 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 78 Resp: 20369

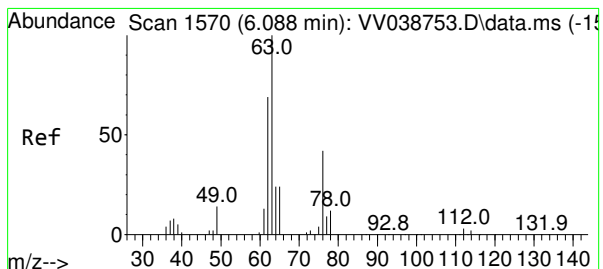
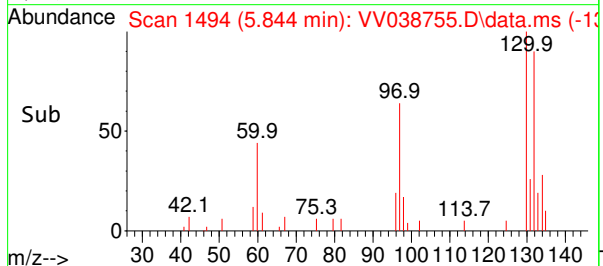
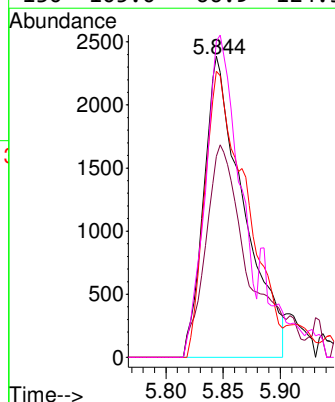
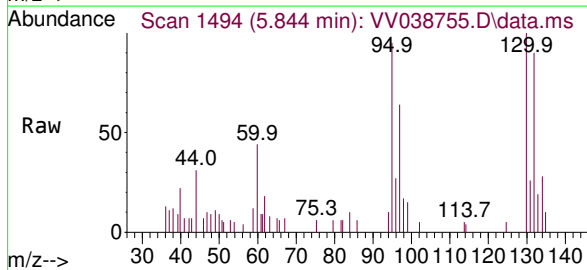




#34
Trichloroethene
Concen: 0.251 ug/L
RT: 5.844 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

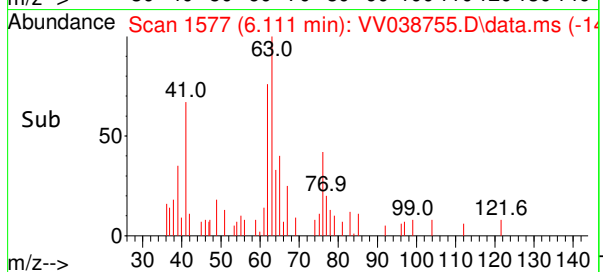
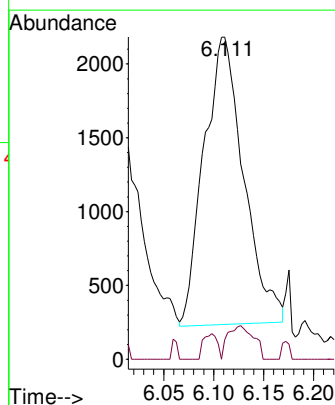
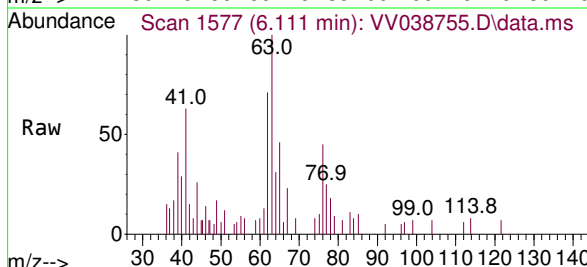
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

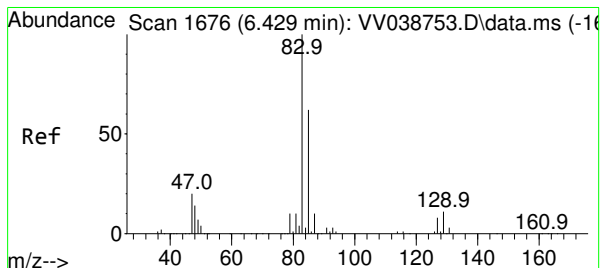
Tgt Ion:	95	Resp:	5736
Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.5	80.9
132	95.0	64.0	118.8
130	105.0	66.9	124.3



#37
1,2-Dichloropropane
Concen: 0.228 ug/L
RT: 6.111 min Scan# 1577
Delta R.T. 0.022 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	63	Resp:	5400
Ion	Ratio	Lower	Upper
63	100		
112	3.1	3.6	5.4#





#38

Bromodichloromethane

Concen: 0.256 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

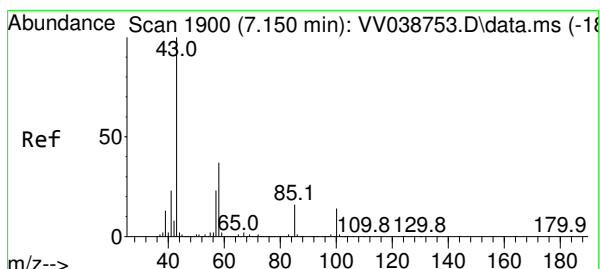
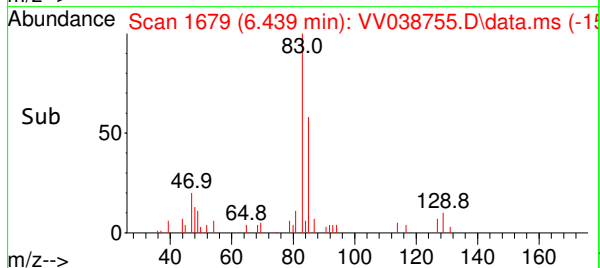
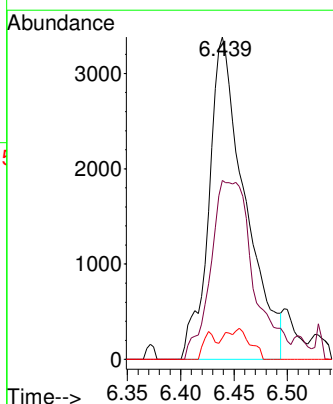
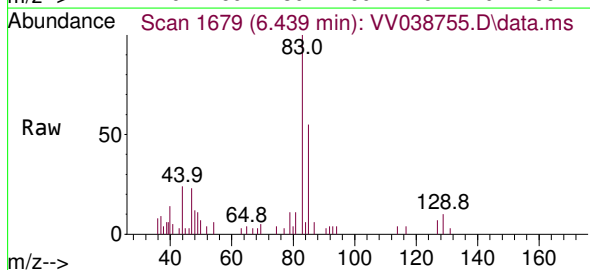
Tgt Ion: 83 Resp: 7918

Ion Ratio Lower Upper

83 100

85 55.5 44.0 81.6

127 6.6 6.2 9.4



#40

4-Methyl-2-pentanone

Concen: 1.838 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.010 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

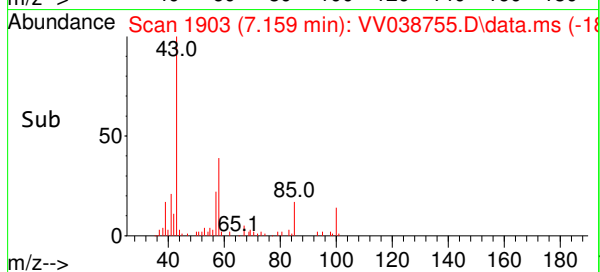
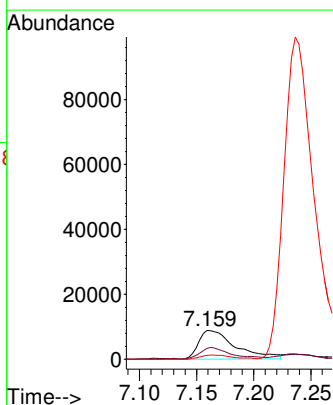
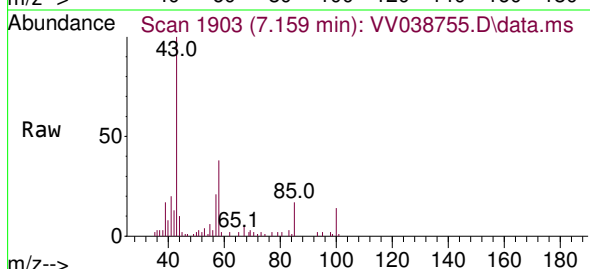
Tgt Ion: 43 Resp: 19889

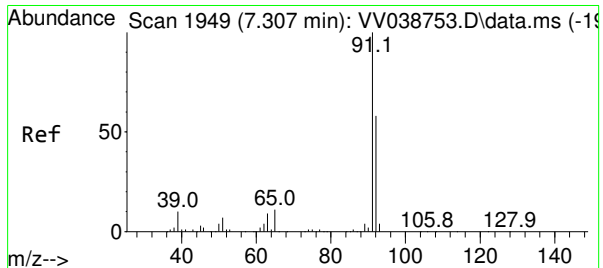
Ion Ratio Lower Upper

43 100

58 35.2 31.1 46.7

100 0.0 12.0 18.0#

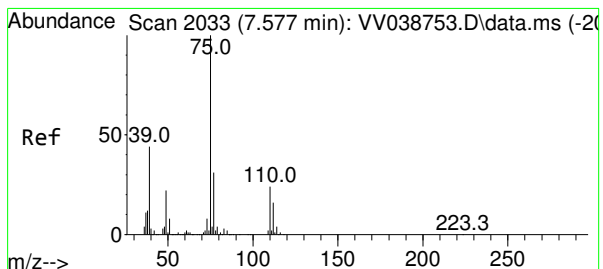
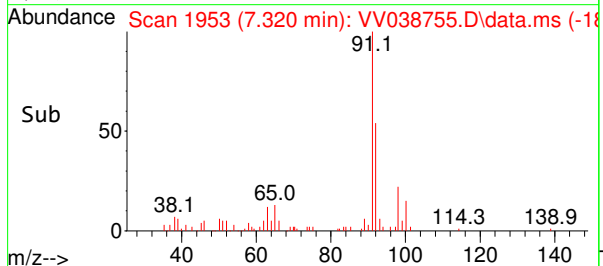
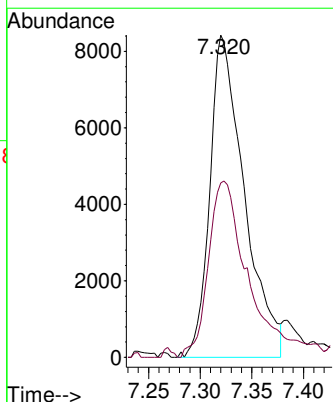
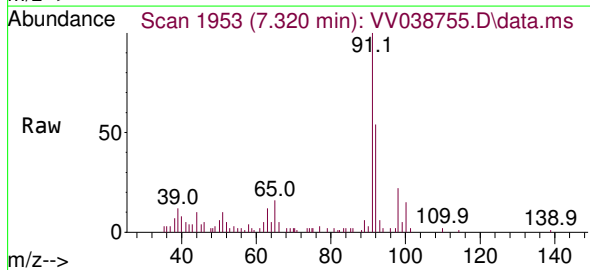




#42
Toluene
Concen: 0.215 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

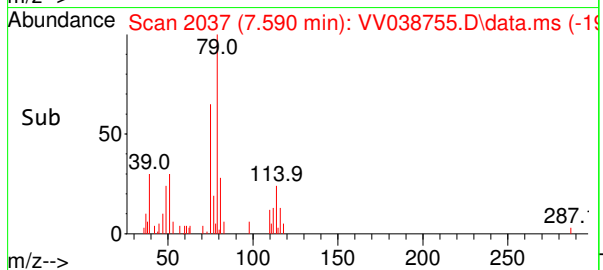
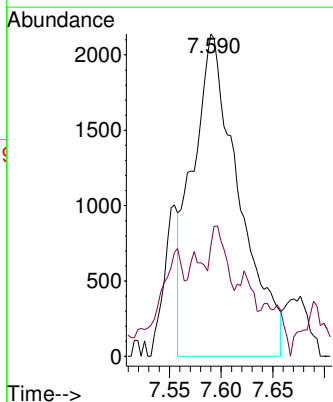
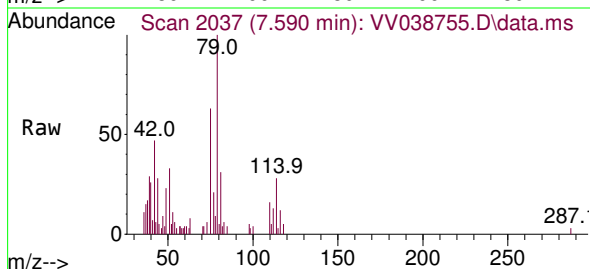
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

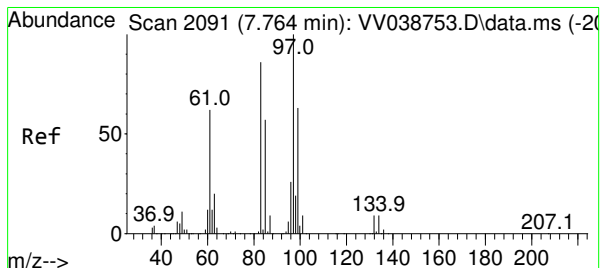
Tgt Ion: 91 Resp: 19531
Ion Ratio Lower Upper
91 100
92 54.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 0.253 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 75 Resp: 6691
Ion Ratio Lower Upper
75 100
77 34.3 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 0.268 ug/L

RT: 7.776 min Scan# 2135

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

Tgt Ion: 97 Resp: 4499

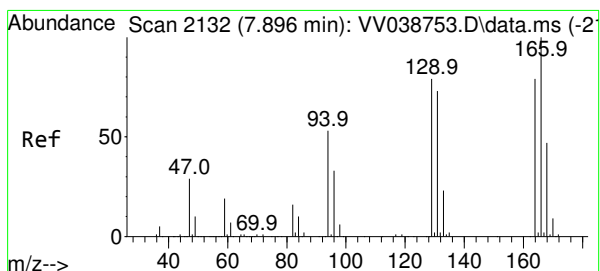
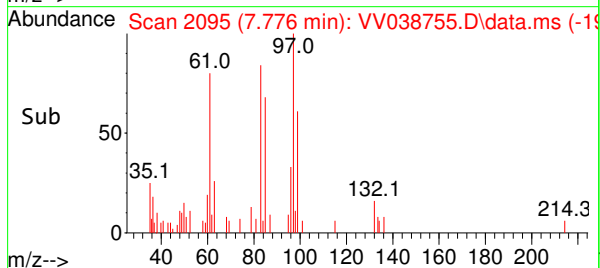
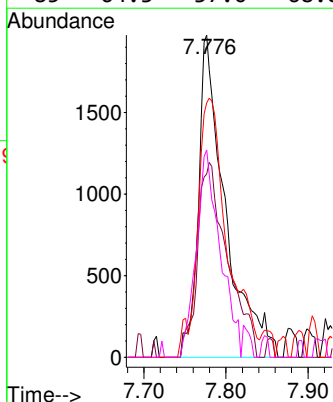
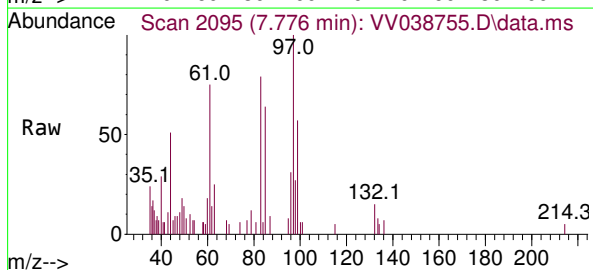
Ion Ratio Lower Upper

97 100

99 56.9 42.7 79.3

83 78.9 57.2 106.2

85 64.3 37.0 68.8



#47

Tetrachloroethene

Concen: 0.259 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Tgt Ion: 164 Resp: 4572

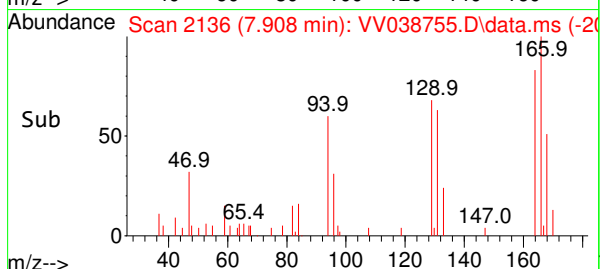
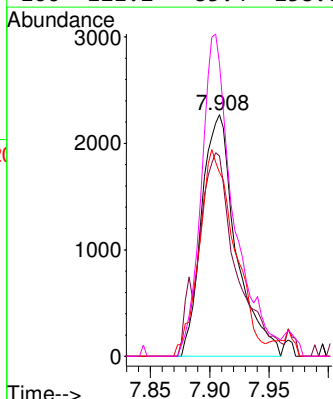
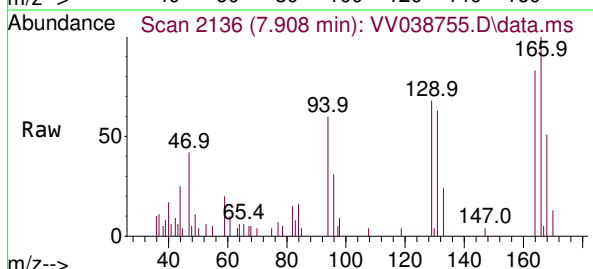
Ion Ratio Lower Upper

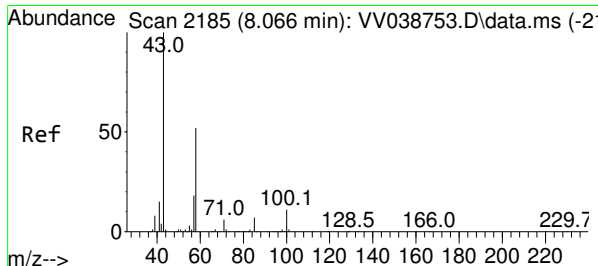
164 100

129 82.9 66.3 123.1

131 76.0 63.2 117.4

166 121.2 85.4 158.6

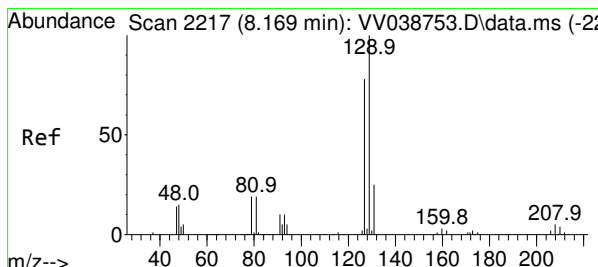
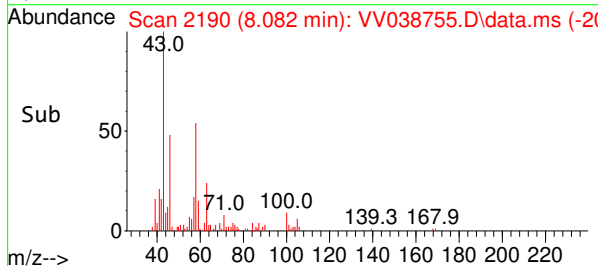
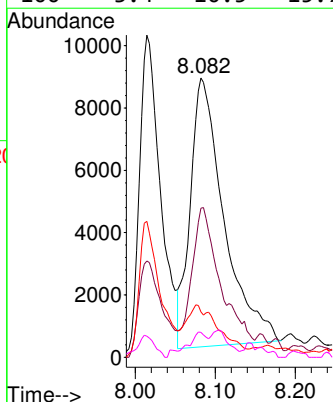
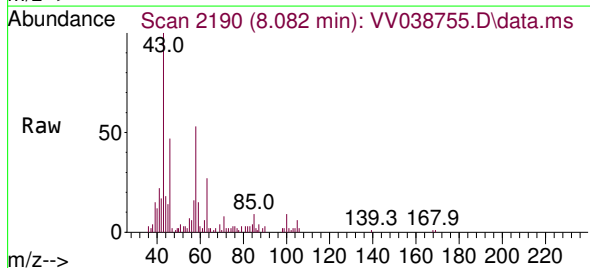




#48
2-Hexanone
Concen: 3.375 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.016 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

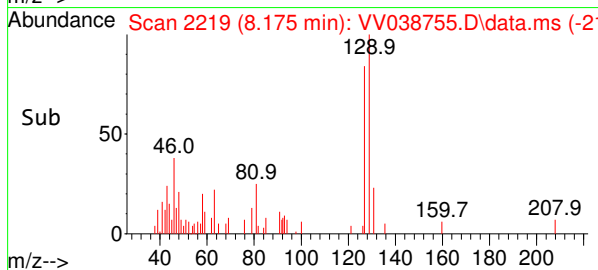
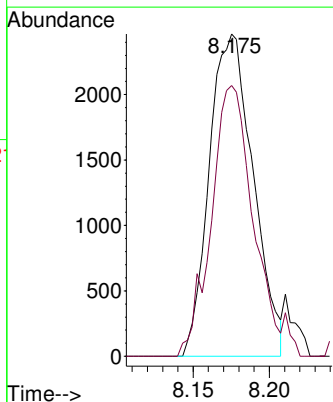
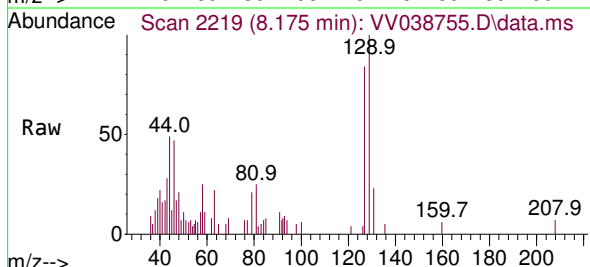
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

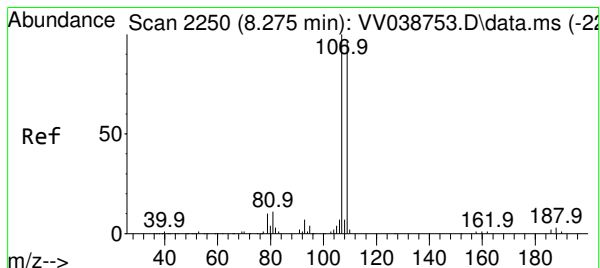
Tgt Ion:	43	Resp:	25210
Ion	Ratio	Lower	Upper
43	100		
58	50.0	46.1	69.1
57	3.7	15.0	22.6#
100	3.4	10.5	15.7#



#49
Dibromochloromethane
Concen: 0.264 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	129	Resp:	4922
Ion	Ratio	Lower	Upper
129	100		
127	84.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 0.263 ug/L

RT: 8.288 min Scan# 218

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

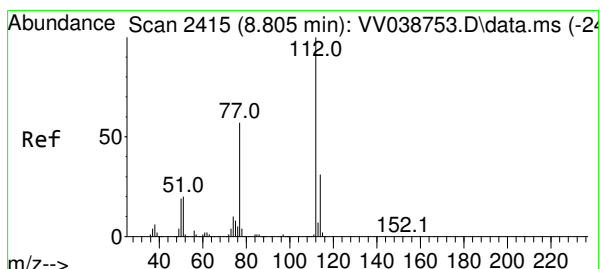
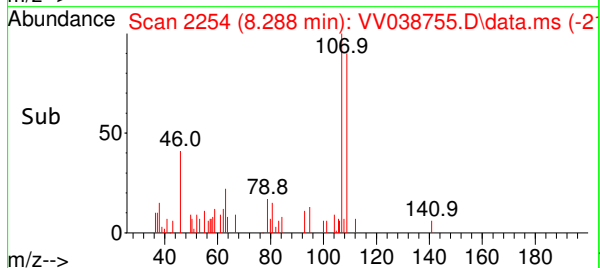
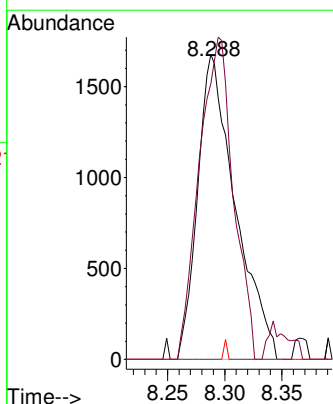
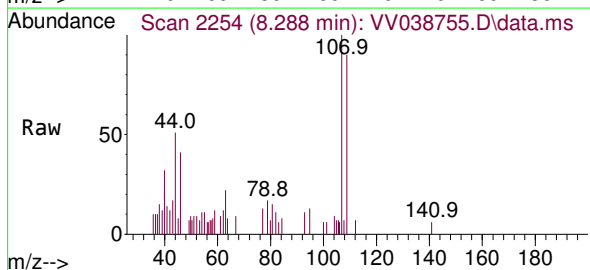
Tgt Ion:107 Resp: 3847

Ion Ratio Lower Upper

107 100

109 90.4 70.2 130.4

188 0.0 2.8 4.2#



#51

Chlorobenzene

Concen: 0.243 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.010 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

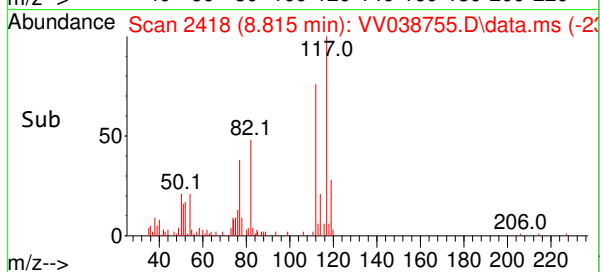
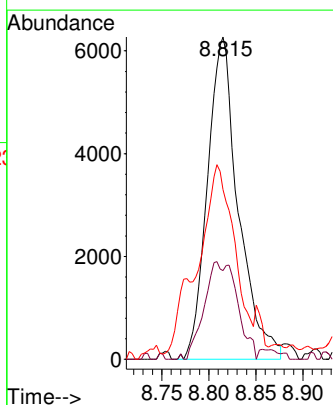
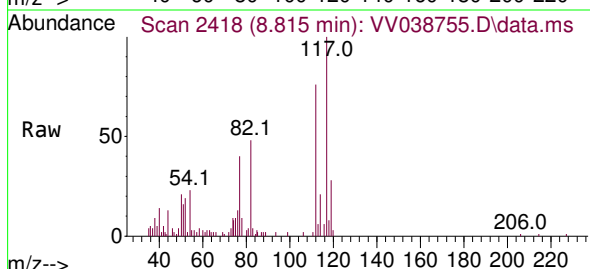
Tgt Ion:112 Resp: 14330

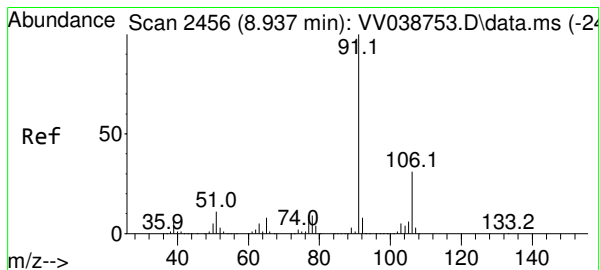
Ion Ratio Lower Upper

112 100

114 27.5 22.6 42.0

77 52.6 47.0 70.6

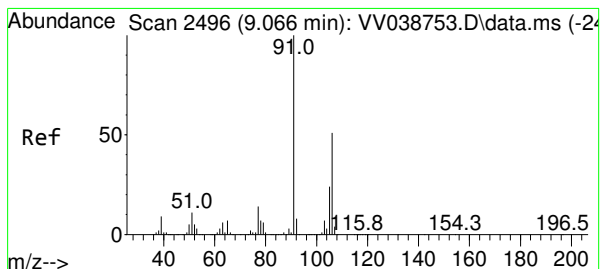
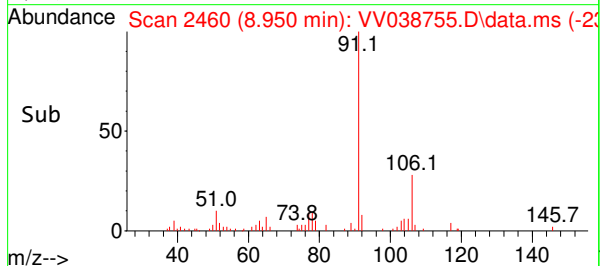
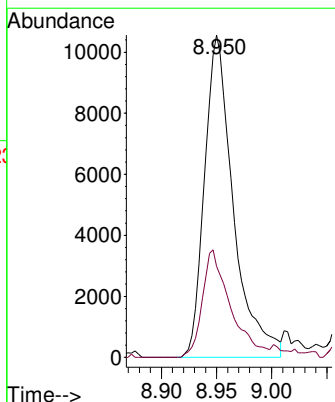
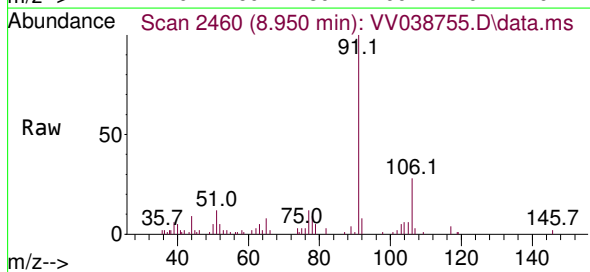




#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 8.950 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

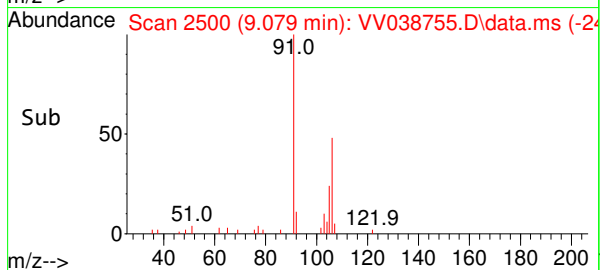
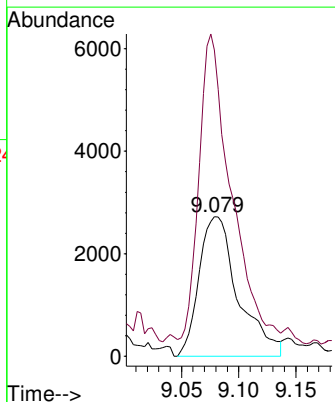
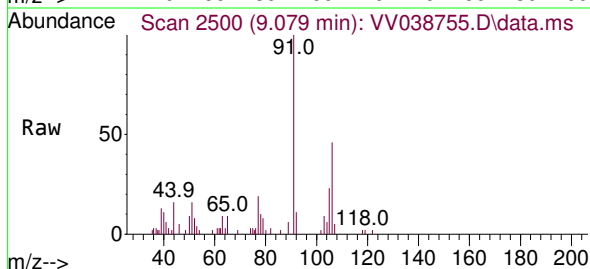
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

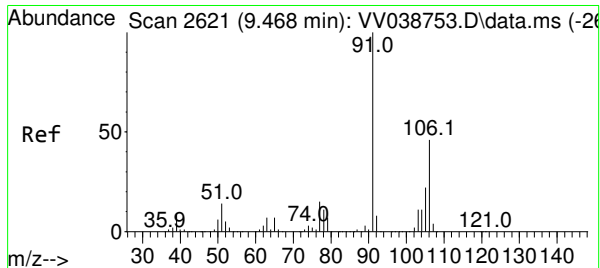
Tgt Ion: 91 Resp: 19184
Ion Ratio Lower Upper
91 100
106 28.2 21.3 39.6



#53
m,p-Xylene
Concen: 0.185 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:106 Resp: 6512
Ion Ratio Lower Upper
106 100
91 219.4 146.3 271.7

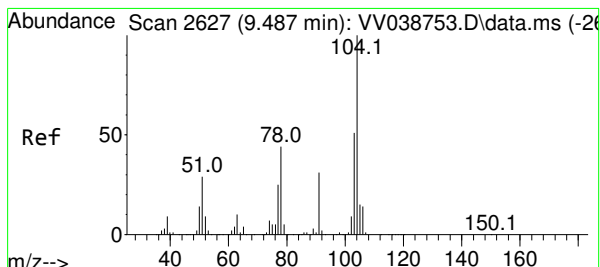
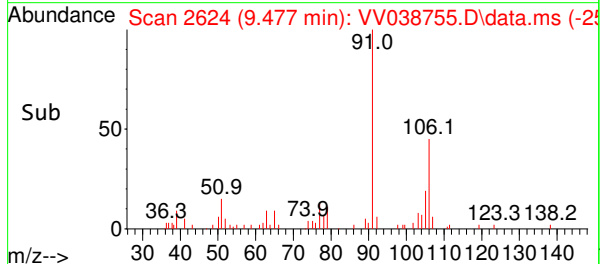
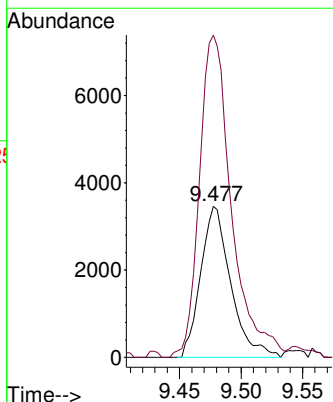
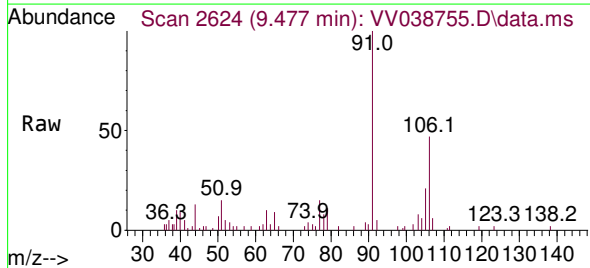




#54
o-Xylene
Concen: 0.176 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

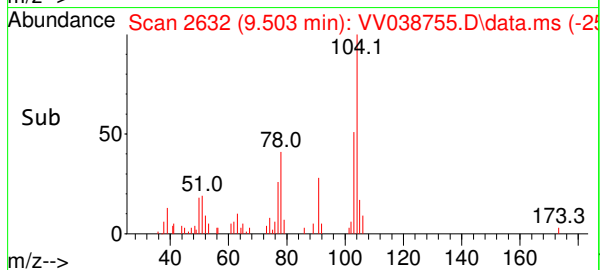
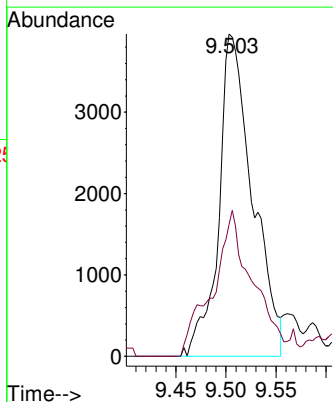
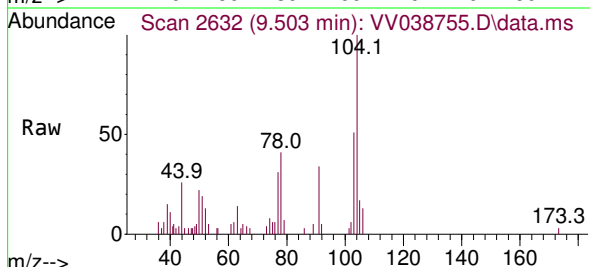
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

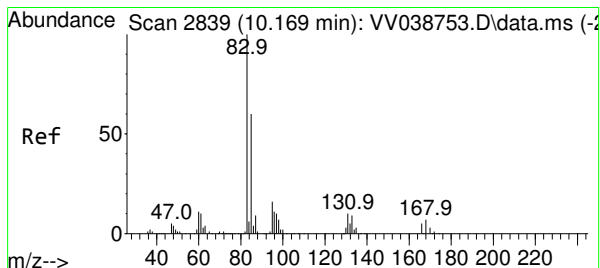
Tgt Ion:106 Resp: 5875
Ion Ratio Lower Upper
106 100
91 213.3 150.8 280.0



#55
Styrene
Concen: 0.163 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.016 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:104 Resp: 9319
Ion Ratio Lower Upper
104 100
78 41.0 30.5 56.7

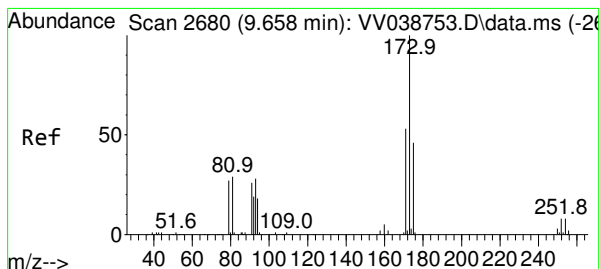
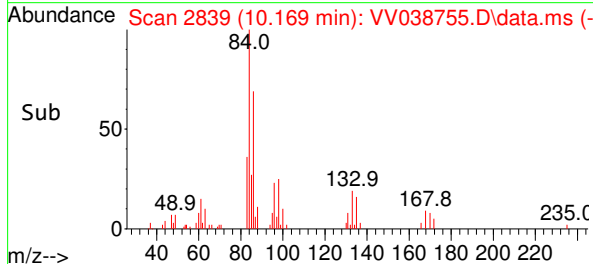
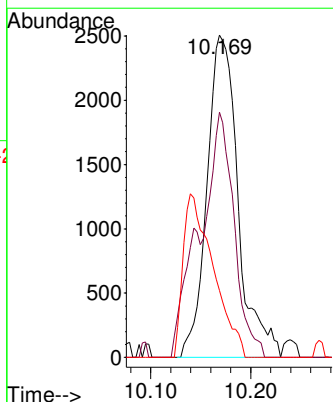
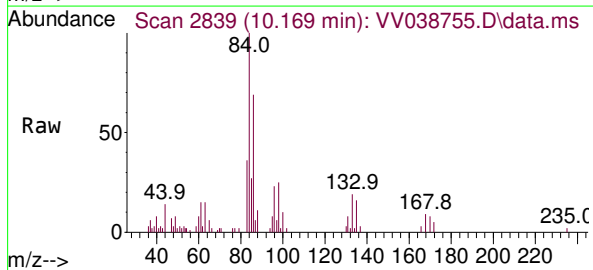




#57
1,1,2,2-Tetrachloroethane
Concen: 0.283 ug/L
RT: 10.169 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

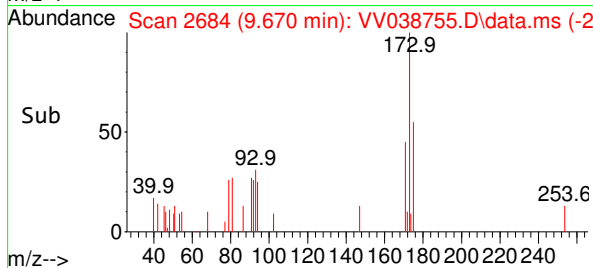
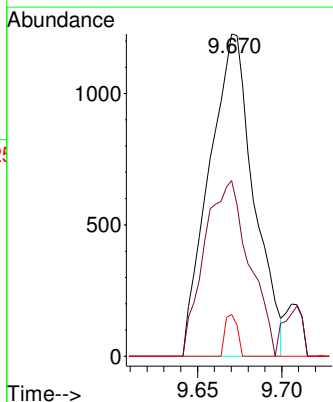
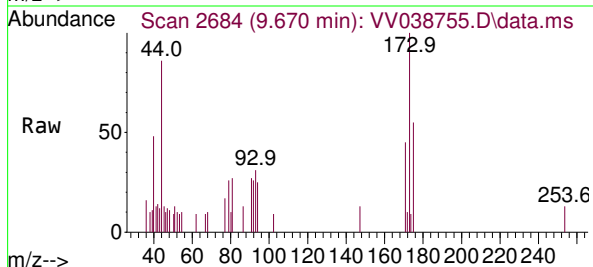
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

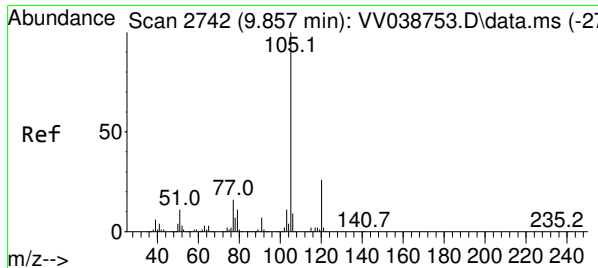
Tgt Ion:	83	Resp:	5439
Ion	Ratio	Lower	Upper
83	100		
85	76.0	46.1	85.5
131	20.8	8.5	12.7#



#59
Bromoform
Concen: 0.300 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	173	Resp:	2255
Ion	Ratio	Lower	Upper
173	100		
175	54.9	39.5	59.3
254	3.6	5.7	8.5#

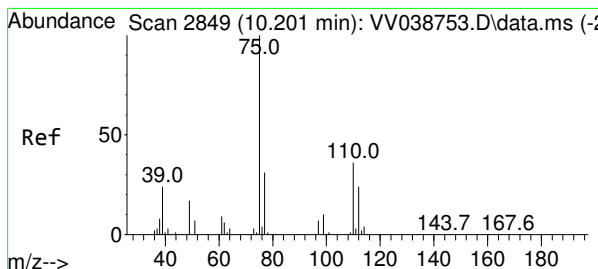
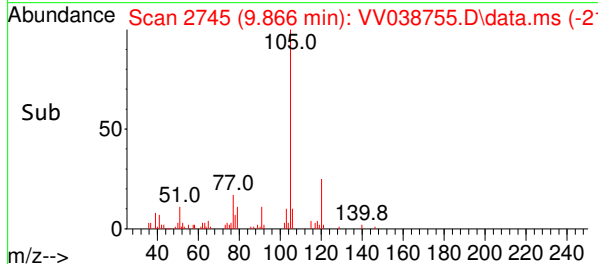
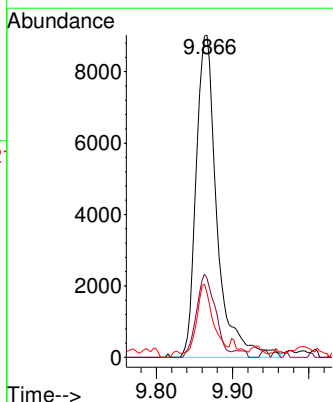
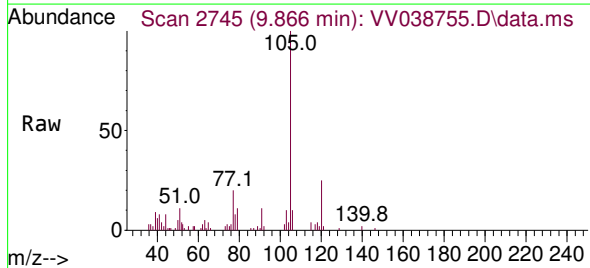




#60
Isopropylbenzene
Concen: 0.242 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

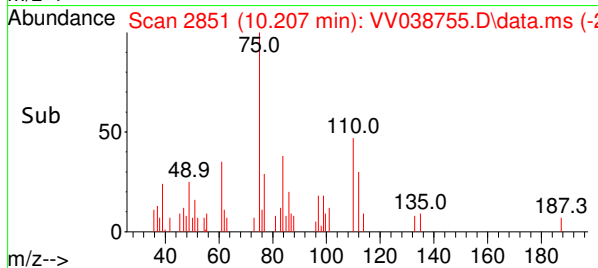
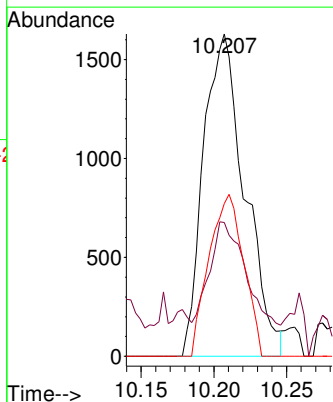
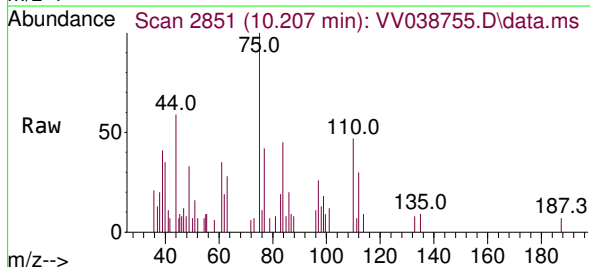
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

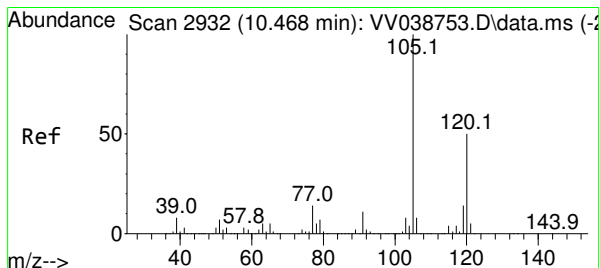
Tgt Ion:	105	Resp:	17203
Ion	Ratio	Lower	Upper
105	100		
120	23.5	21.0	31.4
77	17.7	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 0.315 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	75	Resp:	3214
Ion	Ratio	Lower	Upper
75	100		
77	27.0	25.5	38.3
110	42.2	30.9	46.3

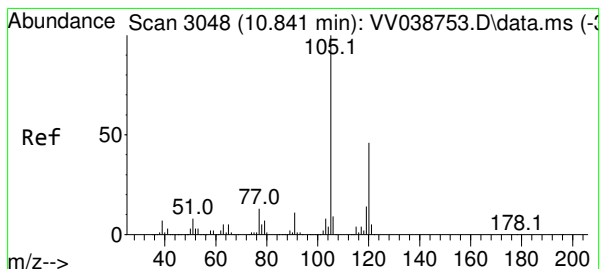
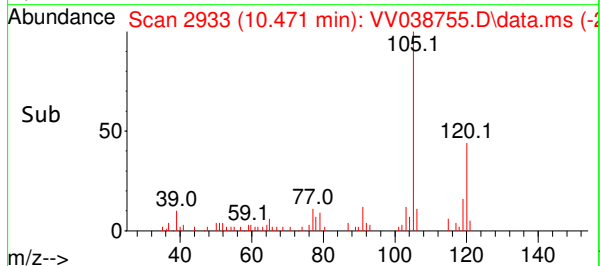
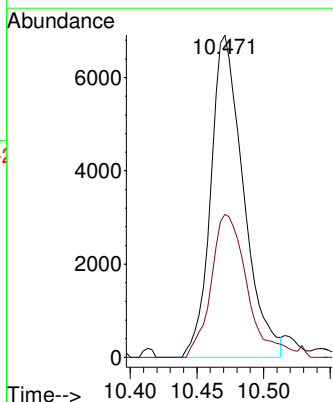
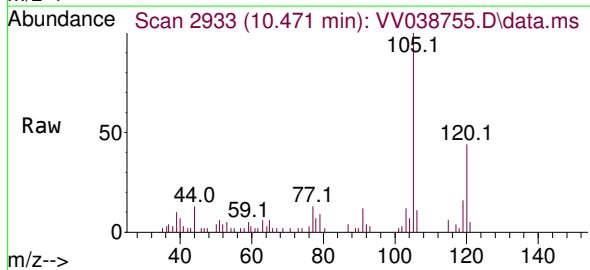




#62
1,3,5-Trimethylbenzene
Concen: 0.215 ug/L
RT: 10.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

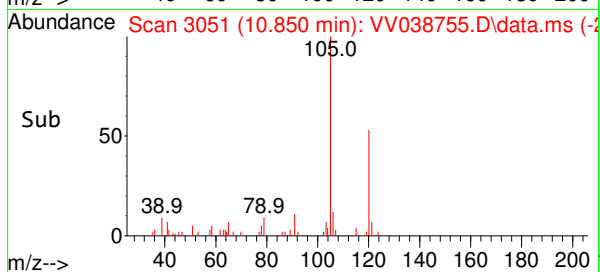
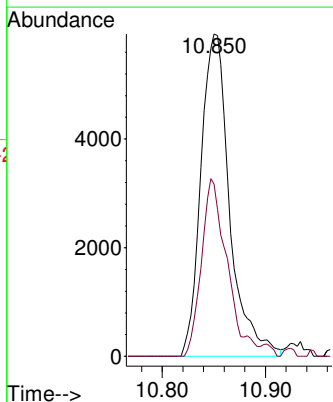
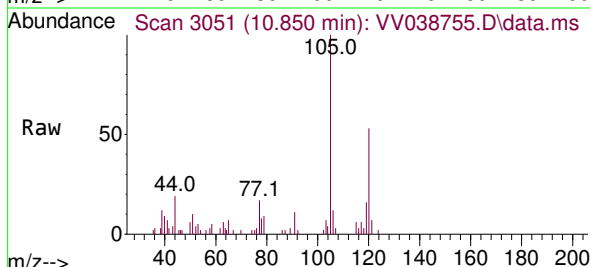
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

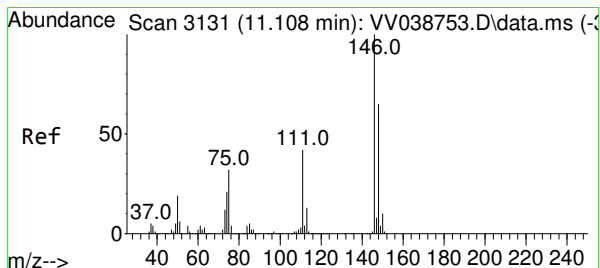
Tgt Ion:105 Resp: 11770
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.210 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:105 Resp: 11477
Ion Ratio Lower Upper
105 100
120 48.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 0.258 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

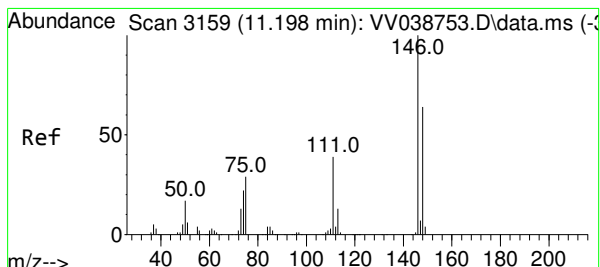
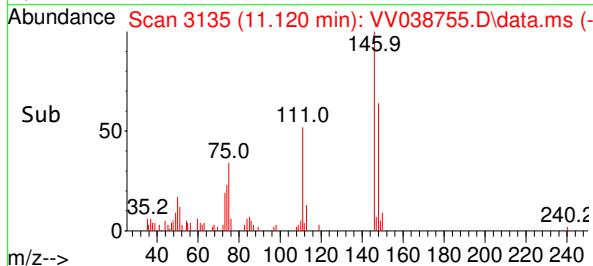
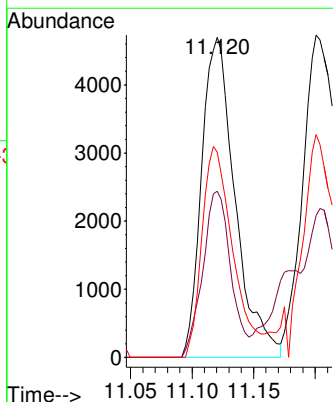
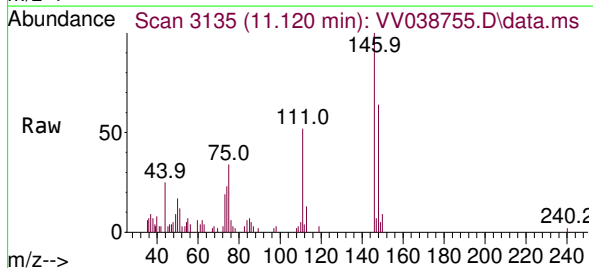
Tgt Ion:146 Resp: 8870

Ion Ratio Lower Upper

146 100

111 52.0 29.0 53.9

148 64.1 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.252 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

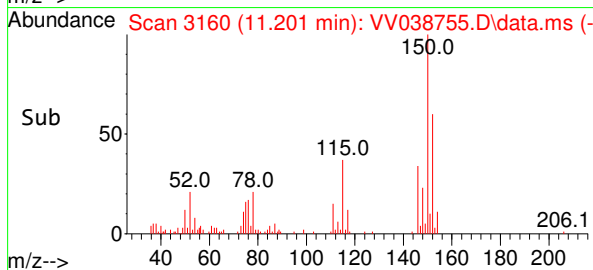
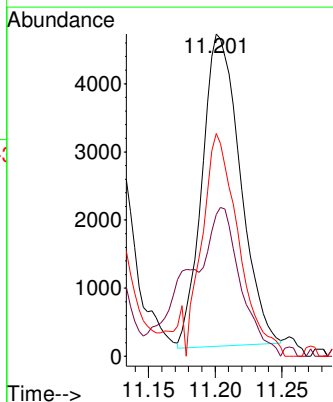
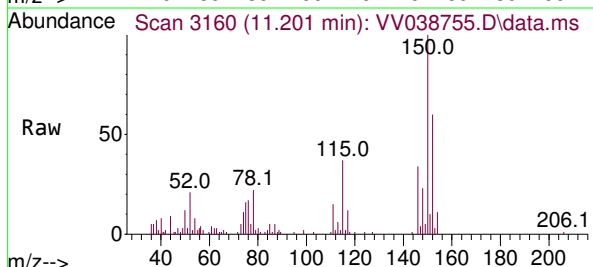
Tgt Ion:146 Resp: 9088

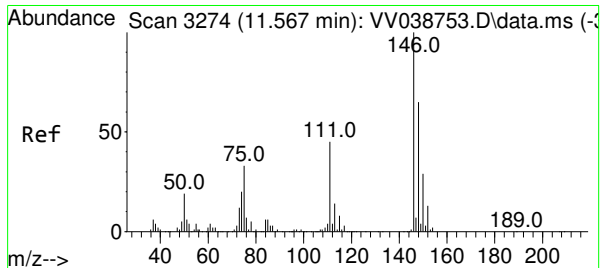
Ion Ratio Lower Upper

146 100

111 44.0 27.7 51.5

148 69.0 44.9 83.5

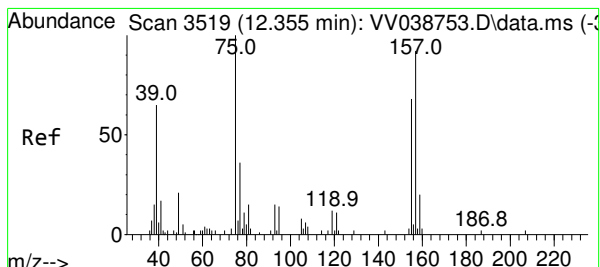
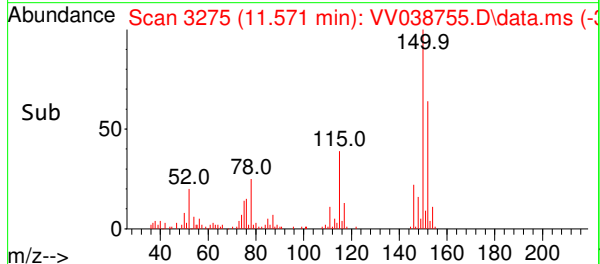
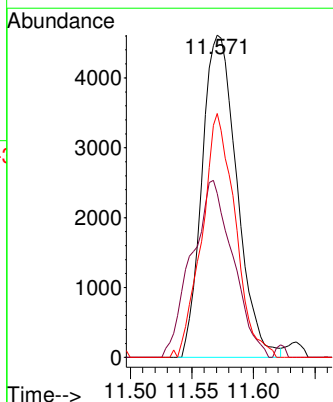
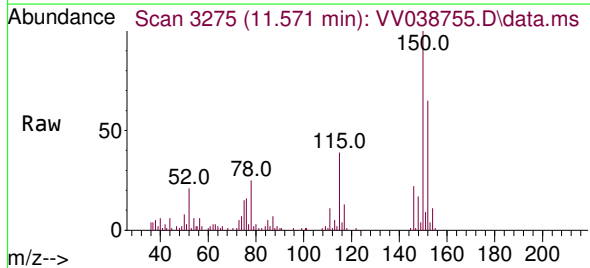




#67
1,2-Dichlorobenzene
Concen: 0.289 ug/L
RT: 11.571 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

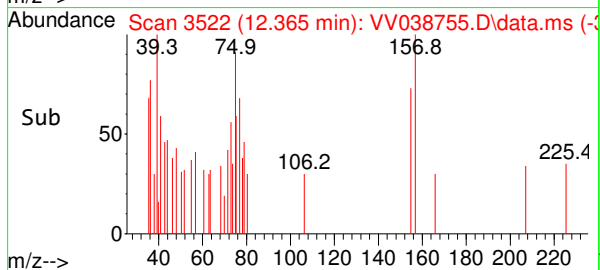
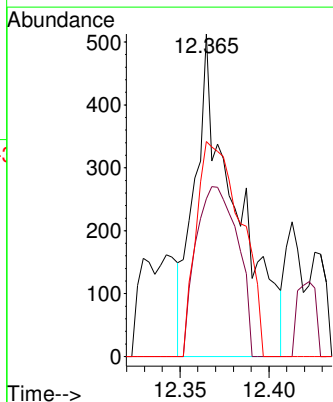
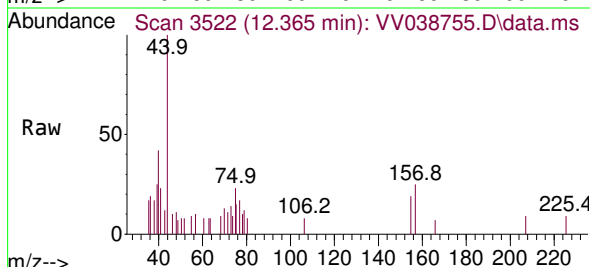
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

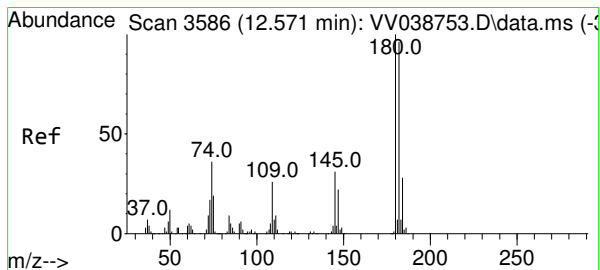
Tgt Ion:	146	Resp:	9086
Ion	Ratio	Lower	Upper
146	100		
111	50.9	35.4	53.0
148	75.6	52.2	78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.370 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	75	Resp:	807
Ion	Ratio	Lower	Upper
75	100		
155	48.9	60.3	90.5#
157	66.7	76.9	115.3#

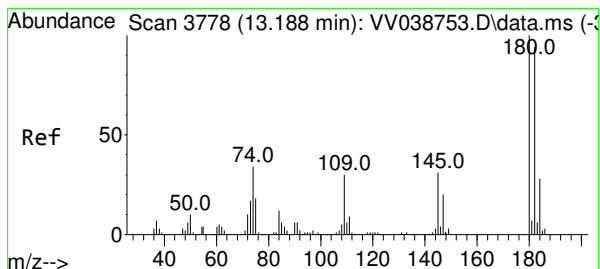
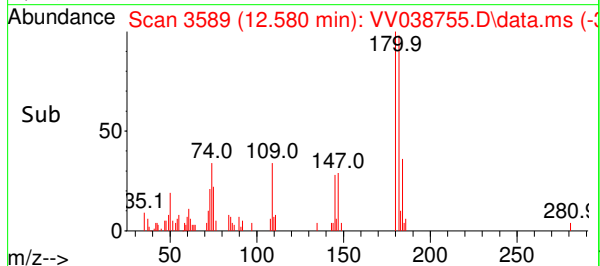
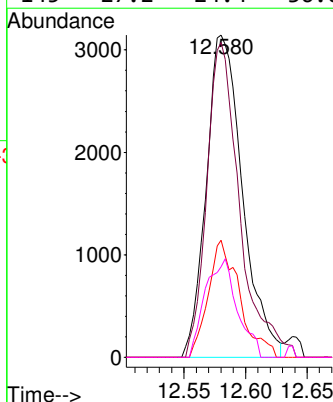
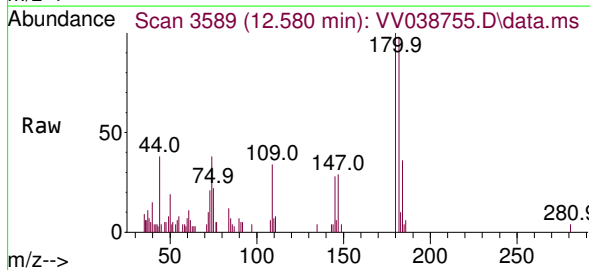




#69
1,3,5-Trichlorobenzene
Concen: 0.289 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

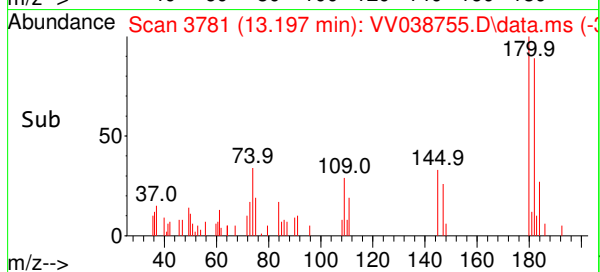
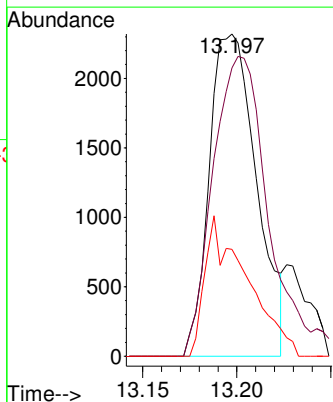
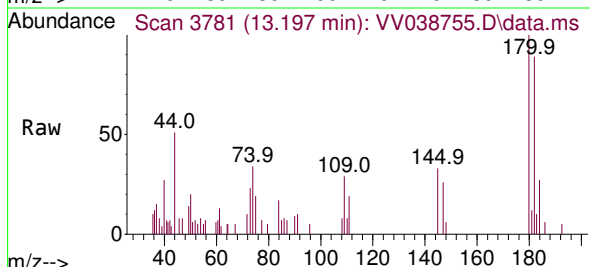
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

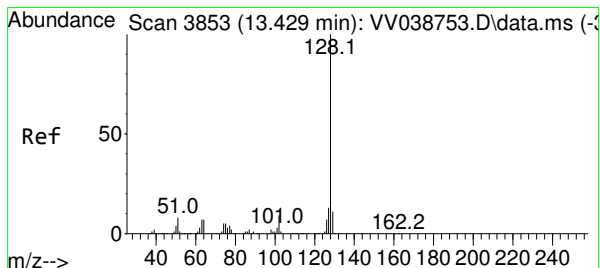
Tgt Ion:	180	Resp:	6423
Ion	Ratio	Lower	Upper
180	100		
182	88.8	75.6	113.4
184	31.6	24.1	36.1
145	27.2	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 0.232 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	180	Resp:	4065
Ion	Ratio	Lower	Upper
180	100		
182	109.5	76.6	115.0
145	38.7	26.0	39.0





#71

Naphthalene

Concen: 0.194 ug/L

RT: 13.442 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

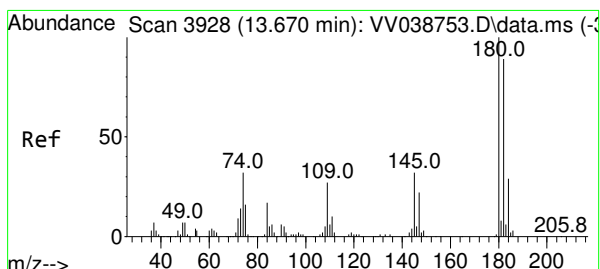
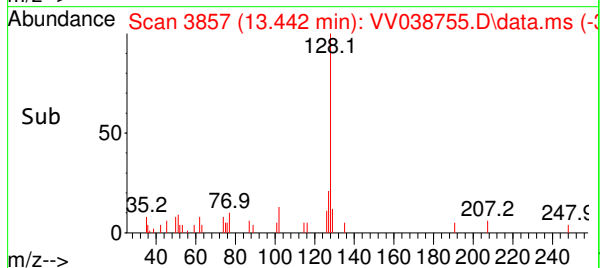
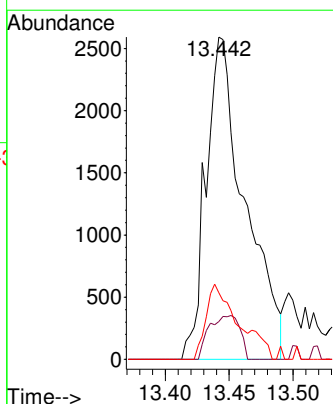
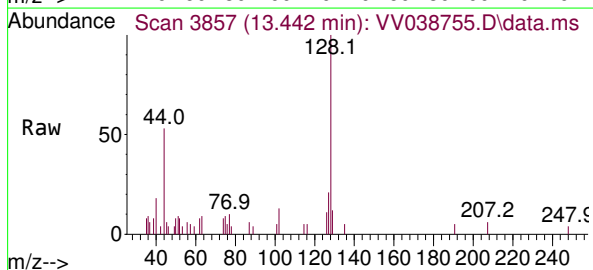
Tgt Ion:128 Resp: 5474

Ion Ratio Lower Upper

128 100

129 10.7 7.6 11.4

127 19.5 10.9 16.3#



#72

1,2,3-Trichlorobenzene

Concen: 0.245 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Tgt Ion:180 Resp: 3921

Ion Ratio Lower Upper

180 100

182 93.7 76.0 114.0

145 38.7 28.4 42.6

