

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063683.D
 Acq On : 07 Nov 2025 13:28
 Operator : MD/SY
 Sample : Q3530-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Nov 08 02:33:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	54604	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	22461	0.909	ug/l	0.00
Spiked Amount	1.000		Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	20864	0.942	ug/l	0.00
Spiked Amount	1.000		Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	5687	0.277	ug/l	95
3) Chloromethane	1.509	50	6093	0.315	ug/l	98
4) Vinyl Chloride	1.589	62	6476	0.329	ug/l	99
5) Bromomethane	1.837	94	5164	0.435	ug/l	95
6) Chloroethane	1.917	64	4159	0.345	ug/l	100
7) Trichlorofluoromethane	2.116	101	9493	0.332	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.560	101	4954	0.326	ug/l	95
9) 1,1-Dichloroethene	2.557	96	5021	0.341	ug/l	97
10) Iodomethane	2.698	142	3676	0.168	ug/l	93
11) Allyl Chloride	2.898	41	7601	0.331	ug/l	85
12) Acrylonitrile	3.290	53	2926	0.803	ug/l	93
13) Acetone	2.608	43	9588	1.491	ug/l	99
14) Carbon Disulfide	2.766	76	10871	0.262	ug/l	# 91
15) Methylene Chloride	3.017	84	8187	0.433	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	6244	0.385	ug/l	91
17) 1,1-Dichloroethane	3.833	63	11334	0.352	ug/l	94
18) 2-Butanone	4.701	43	10126	1.484	ug/l	95
19) Cyclohexane	5.341	56	7917	0.322	ug/l	98
20) Methylcyclohexane	6.727	83	9730	0.318	ug/l	98
21) 2,2-Dichloropropane	4.628	77	9502	0.329	ug/l	# 80
22) cis-1,2-Dichloroethene	4.628	96	6304	0.341	ug/l	98
23) Diethyl Ether	2.361	59	3915	0.325	ug/l	96
24) tert-Butyl Alcohol	3.168	59	8675	4.172	ug/l	# 84
25) Methyl tert-Butyl Ether	3.345	73	14121	0.327	ug/l	97
26) Bromochloromethane	4.939	128	2923	0.375	ug/l	81
27) Chloroform	5.055	83	11470	0.349	ug/l	93
28) 1,1,1-Trichloroethane	5.280	97	9248	0.319	ug/l	97
29) 1,1-Dichloropropene	5.489	75	8697	0.357	ug/l	98
30) Carbon Tetrachloride	5.483	117	6663	0.290	ug/l	95
31) Isopropyl Ether	3.975	45	17060	0.335	ug/l	98
32) Ethyl-t-butyl ether	4.483	59	15779	0.321	ug/l	100
33) Tert-Amyl methyl ether	5.923	73	14690	0.344	ug/l	# 92
34) Propionitrile	4.763	54	2630	1.972	ug/l	# 84
35) Benzene	5.740	78	22471	0.327	ug/l	99
36) 1,2-Dichloroethane	5.766	62	7787	0.353	ug/l	# 86
37) Trichloroethene	6.512	130	6473	0.331	ug/l	99
38) 1,2-Dichloropropane	6.766	63	5553	0.289	ug/l	93
39) Methacrylonitrile	4.946	41	1404	0.212	ug/l	# 78
40) Methyl acrylate	4.830	55	3286	0.341	ug/l	# 86
41) Tetrahydrofuran	5.042	42	2597	0.870	ug/l	97
42) 1-Chlorobutane	5.422	56	10840	0.332	ug/l	94
43) Dibromomethane	6.898	93	3108	0.313	ug/l	97
44) Bromodichloromethane	7.081	83	6387	0.263	ug/l	96

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Quant Time: Nov 08 02:33:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

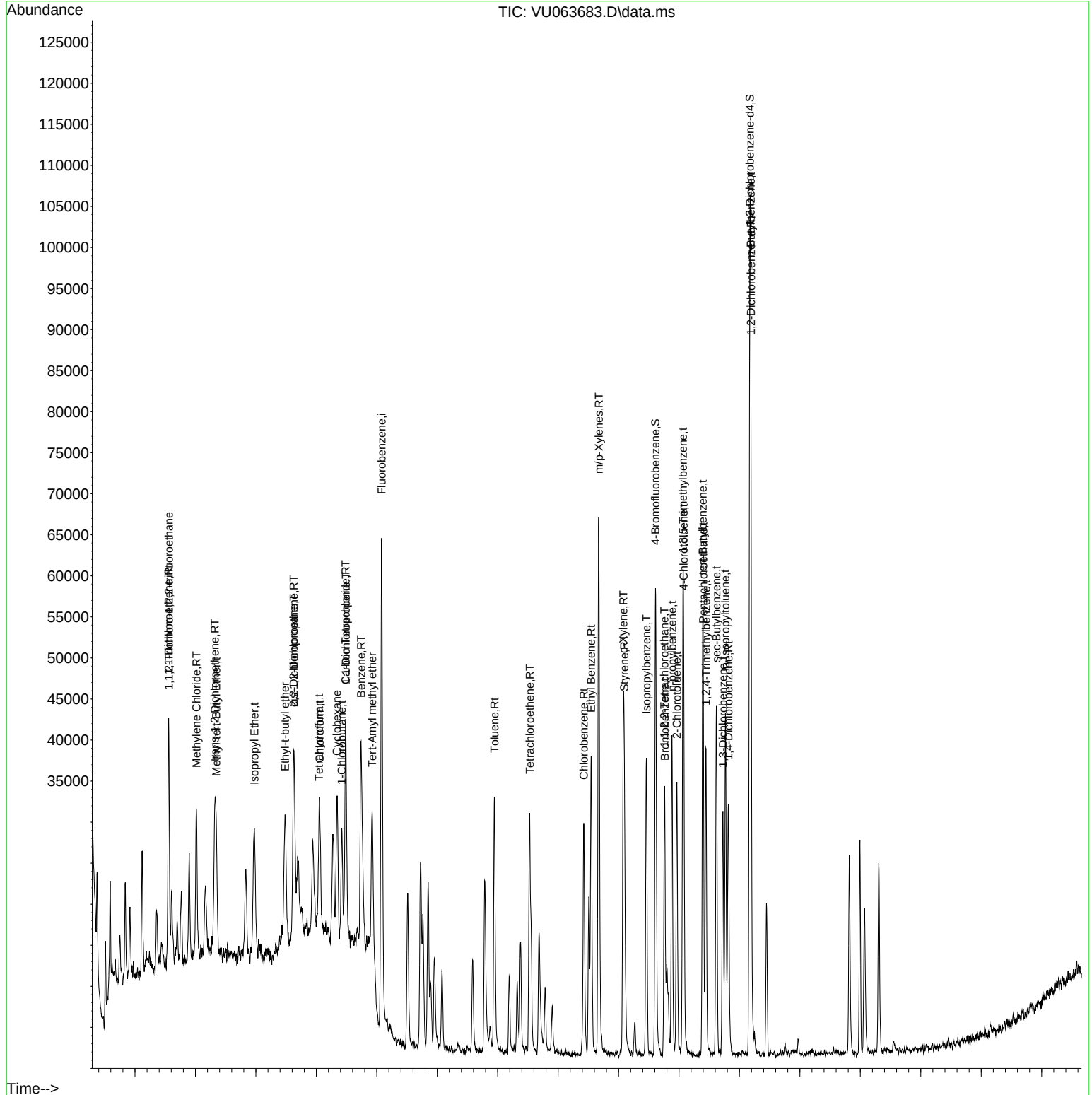
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	17744	1.480	ug/l	98
46) t-1,4-Dichloro-2-butene	10.798	75	5535	1.331	ug/l #	48
47) Methyl methacrylate	6.955	69	5603	0.613	ug/l	88
48) Ethyl methacrylate	8.325	69	5221	0.281	ug/l	91
49) Toluene	7.946	92	13823	0.299	ug/l	93
50) t-1,3-Dichloropropene	8.193	75	5254	0.249	ug/l	93
51) cis-1,3-Dichloropropene	7.589	75	7035	0.266	ug/l	96
52) 1,1,2-Trichloroethane	8.380	97	4239	0.314	ug/l	90
53) 1,3-Dichloropropane	8.553	76	7707	0.319	ug/l	98
54) 2-Hexanone	8.685	43	13137	1.298	ug/l	98
55) Dibromochloromethane	8.785	129	4172	0.262	ug/l	88
56) 1,2-Dibromoethane	8.901	107	4050	0.315	ug/l	94
58) Tetrachloroethene	8.531	164	6030	0.315	ug/l	98
59) Chlorobenzene	9.425	112	16177	0.322	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.512	131	4751	0.270	ug/l	100
61) Pentachloroethane	11.402	117	3056	0.251	ug/l	94
62) Hexachloroethane	12.450	117	2672	0.200	ug/l	96
63) Ethyl Benzene	9.547	91	27565	0.303	ug/l	97
64) m/p-Xylenes	9.672	106	20950	0.617	ug/l	92
65) o-Xylene	10.081	106	9935	0.299	ug/l	98
66) Styrene	10.094	104	14842	0.275	ug/l	98
67) Bromoform	10.270	173	1775	0.207	ug/l #	98
69) Isopropylbenzene	10.460	105	24576	0.299	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.759	83	5045	0.297	ug/l	99
71) 1,2,3-Trichloropropane	10.798	75	5535	0.375	ug/l #	94
72) Bromobenzene	10.766	156	6584	0.331	ug/l	85
73) n-propylbenzene	10.884	120	7171	0.307	ug/l	99
74) 2-Chlorotoluene	10.965	126	6125	0.303	ug/l	96
75) 1,3,5-Trimethylbenzene	11.065	105	21816	0.287	ug/l	100
76) 4-Chlorotoluene	11.077	126	6755	0.332	ug/l	84
77) tert-Butylbenzene	11.393	119	22430	0.301	ug/l	99
78) 1,2,4-Trimethylbenzene	11.447	105	21905	0.300	ug/l	98
79) sec-Butylbenzene	11.618	105	29934	0.306	ug/l	100
80) Nitrobenzene	13.196	77	411	0.688	ug/l #	72
81) p-Isopropyltoluene	11.769	119	23005	0.287	ug/l	99
82) 1,3-Dichlorobenzene	11.727	146	12368	0.321	ug/l	96
83) 1,4-Dichlorobenzene	11.817	146	12939	0.338	ug/l	96
84) n-Butylbenzene	12.187	91	21658	0.301	ug/l	95
85) 1,2-Dichlorobenzene	12.190	146	11894	0.327	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.974	75	465	0.165	ug/l	91
87) 1,2,4-Trichlorobenzene	13.820	180	8228	0.367	ug/l	98
88) Hexachlorobutadiene	13.994	225	4498	0.337	ug/l	96
89) Naphthalene	14.068	128	17092	0.396	ug/l	99
90) 1,2,3-Trichlorobenzene	14.306	180	7950	0.388	ug/l	98

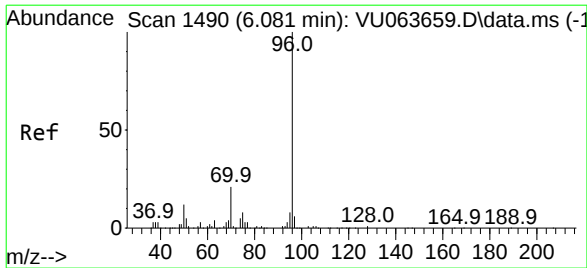
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Response via : Initial Calibration

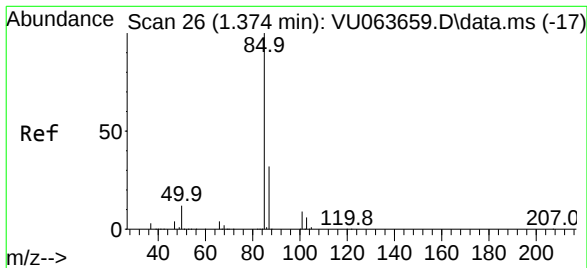
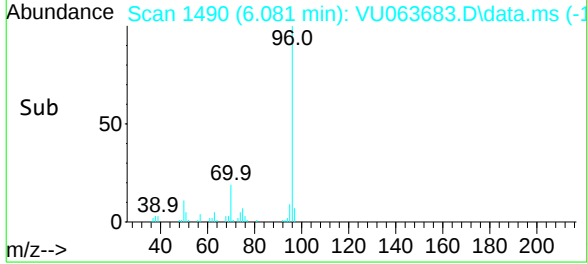
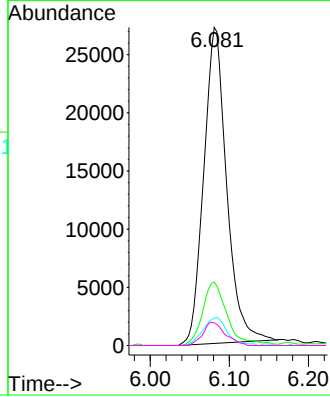
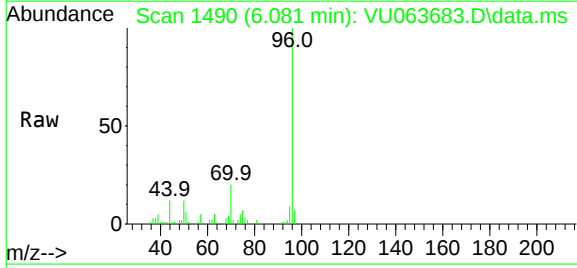




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU063683.D
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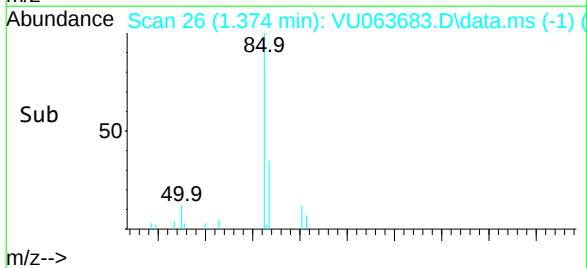
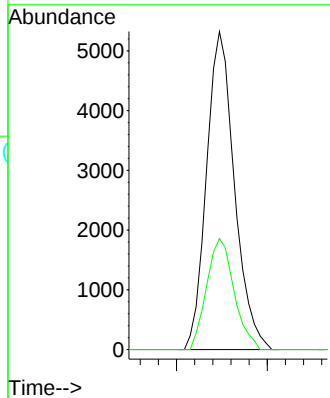
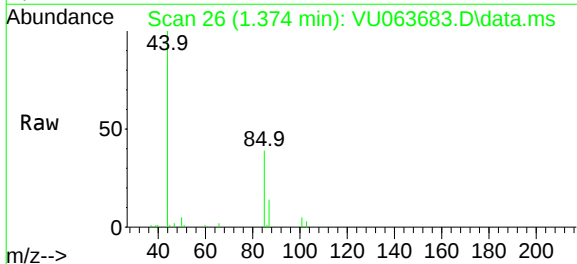
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

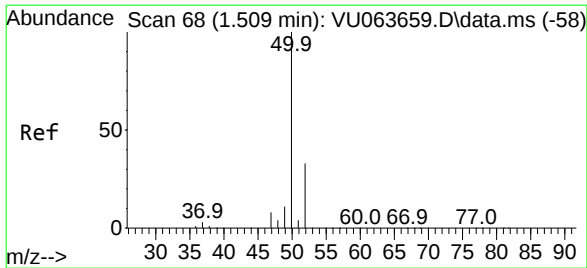
Tgt Ion:	96	Resp:	54604
Ion	Ratio	Lower	Upper
96	100		
70	20.0	15.3	22.9
95	9.4	6.5	9.7
97	7.1	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.277 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	85	Resp:	5687
Ion	Ratio	Lower	Upper
85	100		
87	35.0	16.0	47.9

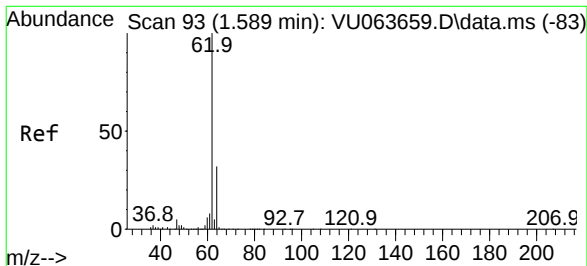
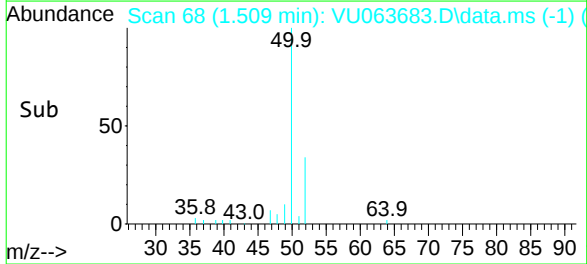
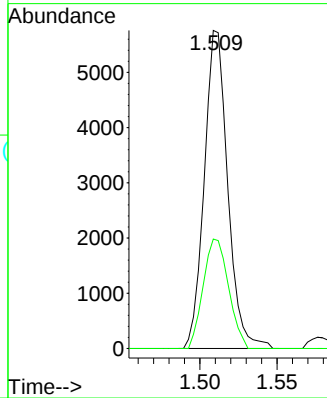
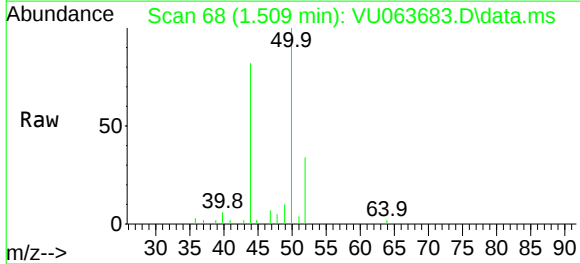




#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

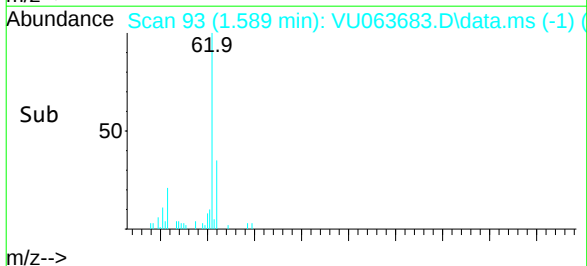
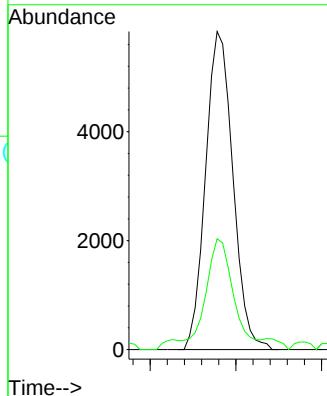
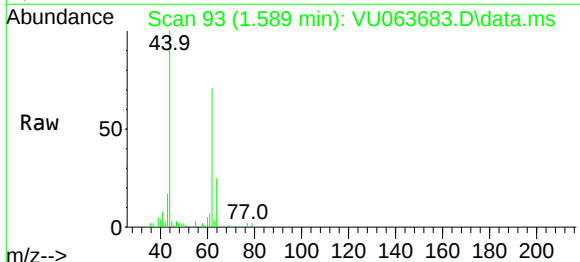
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

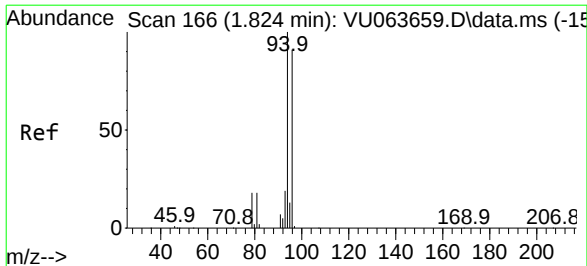
Tgt Ion: 50 Resp: 6093
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 0.329 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 62 Resp: 6476
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8

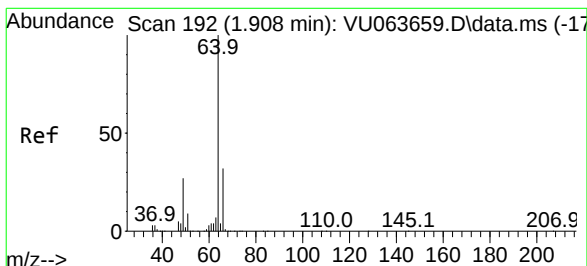
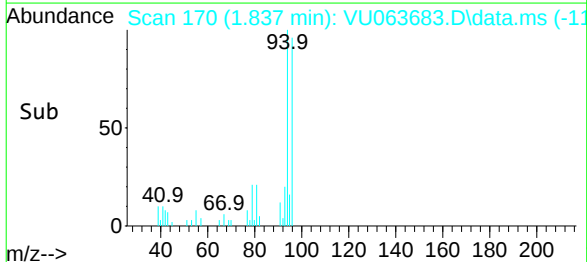
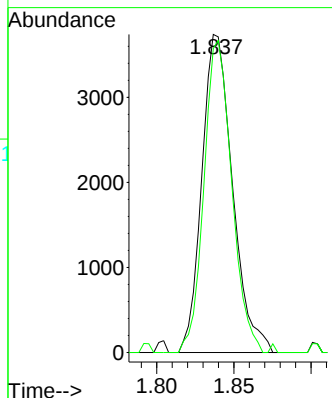
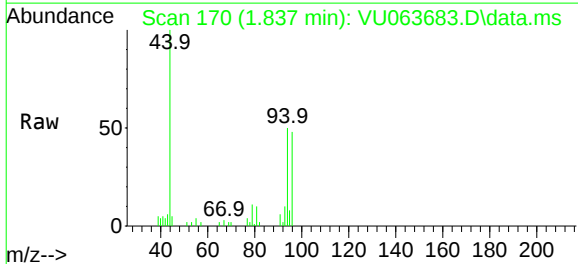




#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.837 min Scan# 17
Delta R.T. 0.013 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

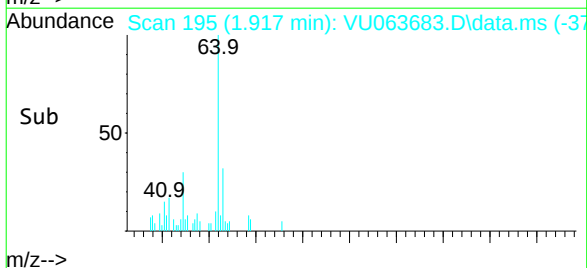
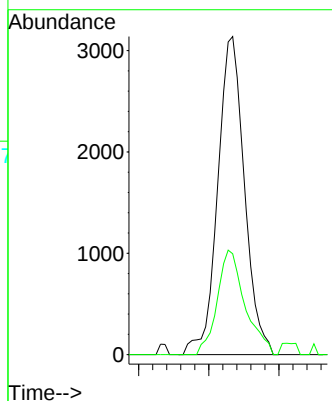
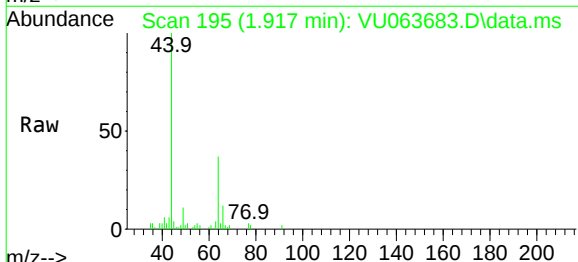
Instrument :
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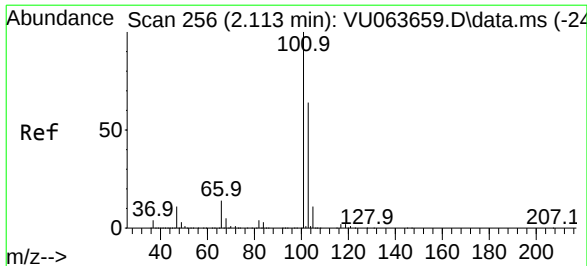
Tgt Ion: 94 Resp: 5164
Ion Ratio Lower Upper
94 100
96 95.6 73.0 109.6



#6
Chloroethane
Concen: 0.345 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.009 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 64 Resp: 4159
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





#7

Trichlorofluoromethane

Concen: 0.332 ug/l

RT: 2.116 min Scan# 256

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

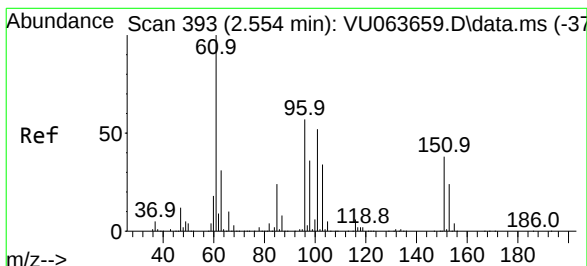
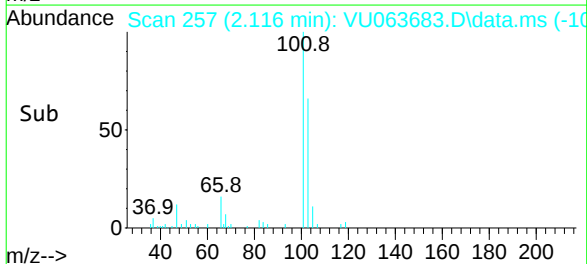
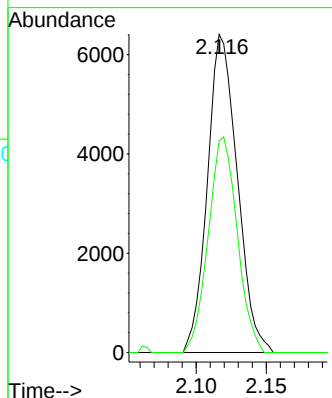
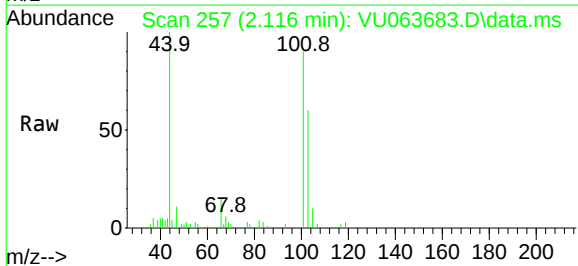
MDL-WATER-03-QT4-2025

Tgt Ion:101 Resp: 9493

Ion Ratio Lower Upper

101 100

103 66.5 51.0 76.6



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.326 ug/l

RT: 2.560 min Scan# 395

Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

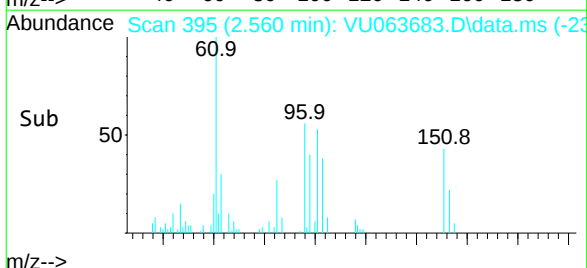
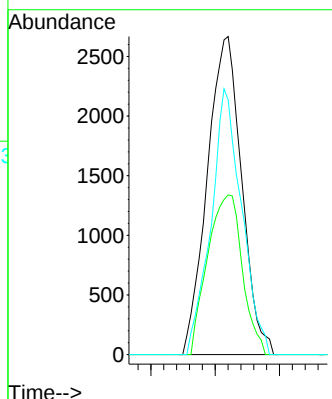
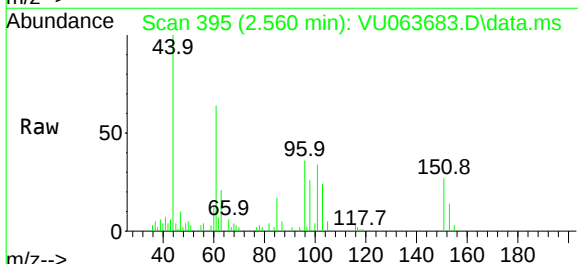
Tgt Ion:101 Resp: 4954

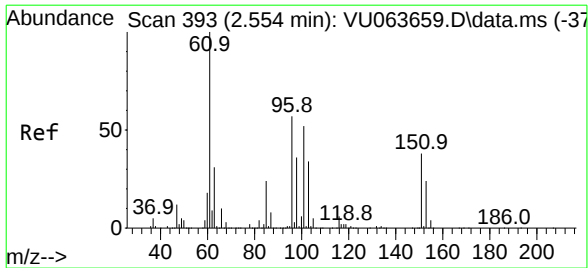
Ion Ratio Lower Upper

101 100

85 50.7 37.0 55.4

151 74.6 57.2 85.8

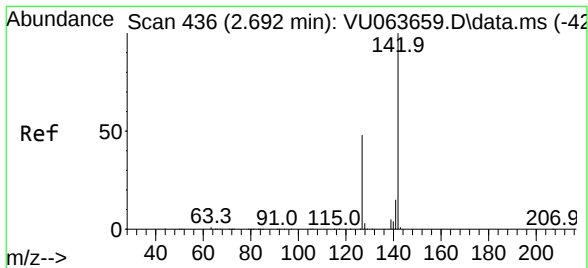
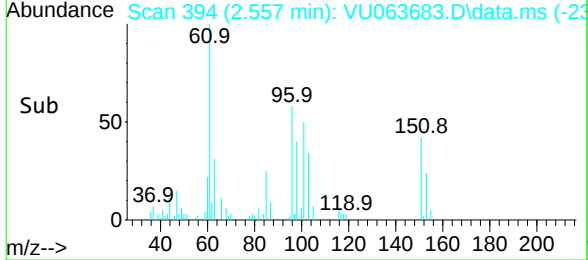
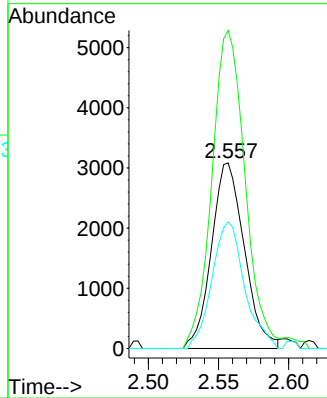
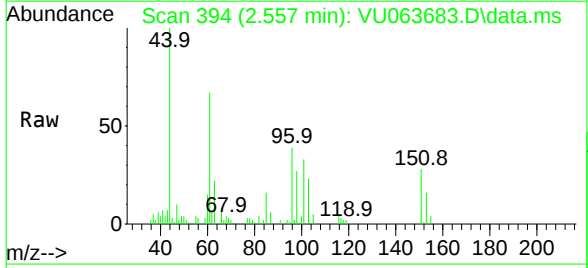




#9
1,1-Dichloroethene
Concen: 0.341 ug/l
RT: 2.557 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU063683.D
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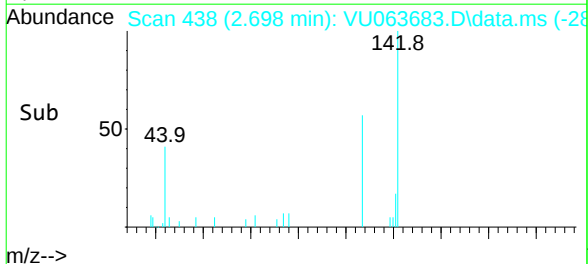
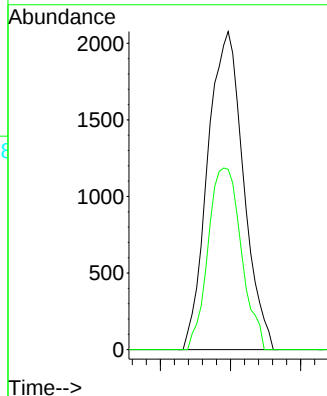
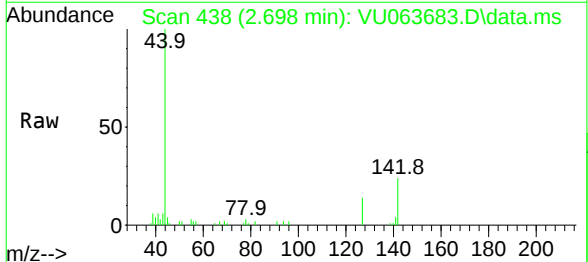
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ClientSampleId :
MDL-WATER-03-QT4-2025

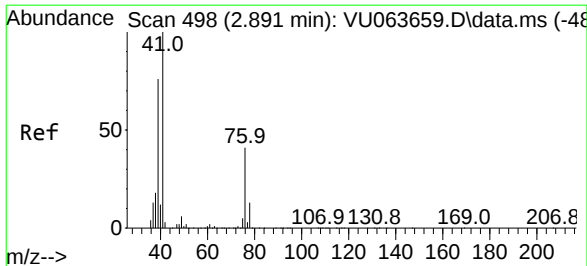
Tgt Ion: 96 Resp: 5021
Ion Ratio Lower Upper
96 100
61 171.4 0.0 524.7
98 68.2 0.0 126.8



#10
Iodomethane
Concen: 0.168 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 142 Resp: 3676
Ion Ratio Lower Upper
142 100
127 53.1 38.6 58.0





#11

Allyl Chloride

Concen: 0.331 ug/l

RT: 2.898 min Scan# 50

Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

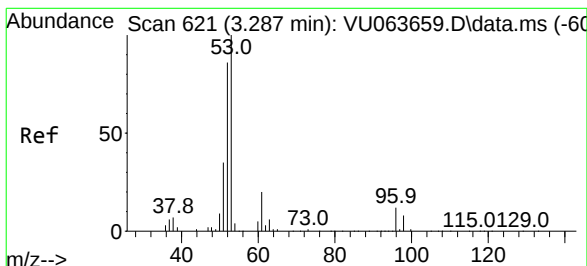
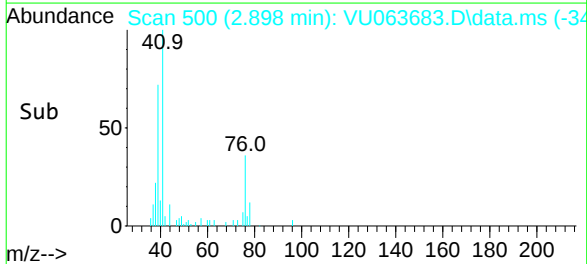
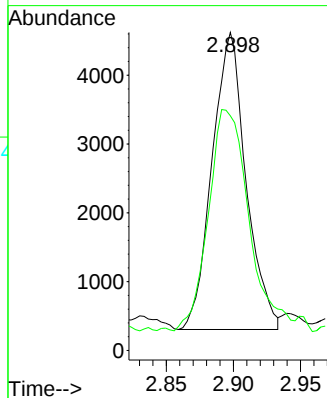
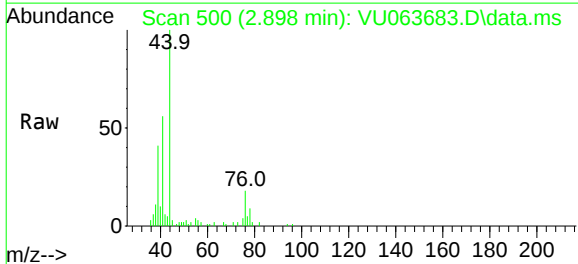
MDL-WATER-03-QT4-2025

Tgt Ion: 41 Resp: 7601

Ion Ratio Lower Upper

41 100

39 88.9 61.0 91.4



#12

Acrylonitrile

Concen: 0.803 ug/l

RT: 3.290 min Scan# 622

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

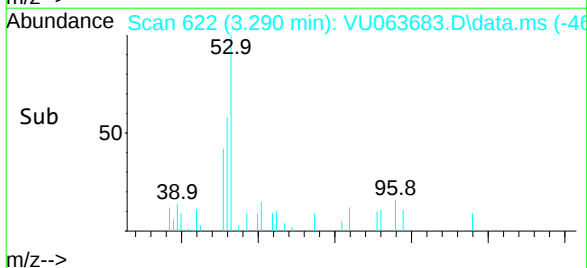
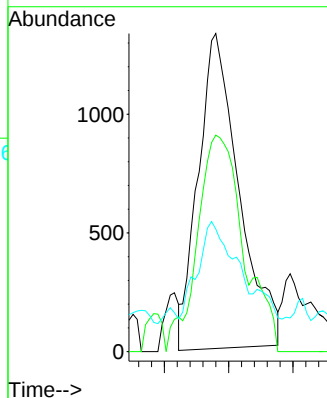
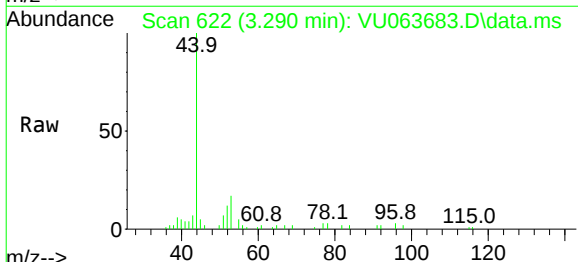
Tgt Ion: 53 Resp: 2926

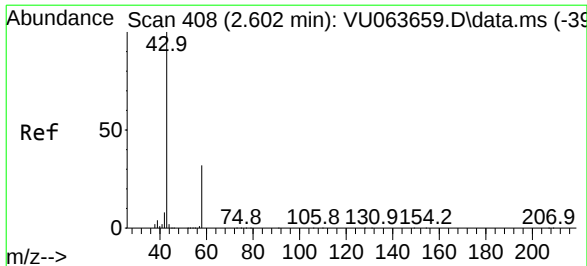
Ion Ratio Lower Upper

53 100

52 77.8 65.4 98.0

51 27.6 27.6 41.4





#13

Acetone

Concen: 1.491 ug/l

RT: 2.608 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU063683.D

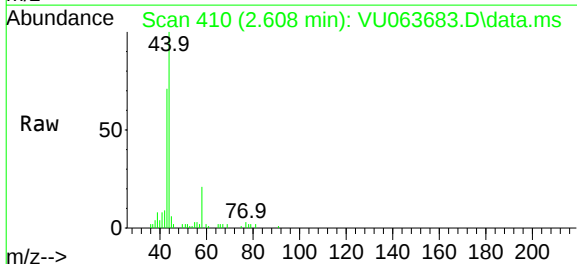
Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025

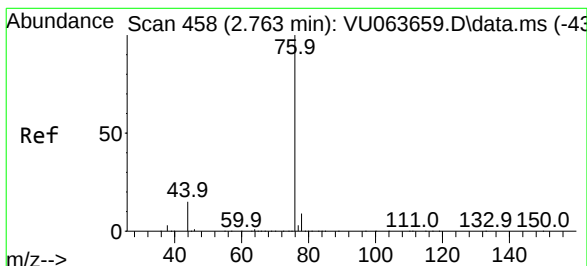
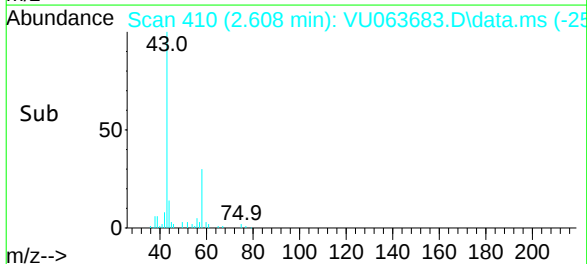
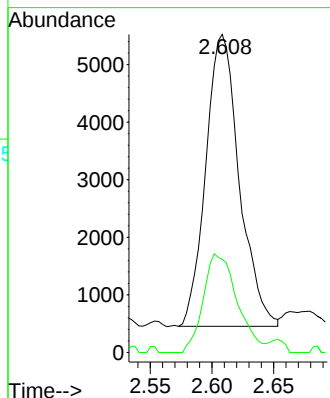


Tgt Ion: 43 Resp: 9588

Ion Ratio Lower Upper

43 100

58 31.9 25.2 37.8



#14

Carbon Disulfide

Concen: 0.262 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063683.D

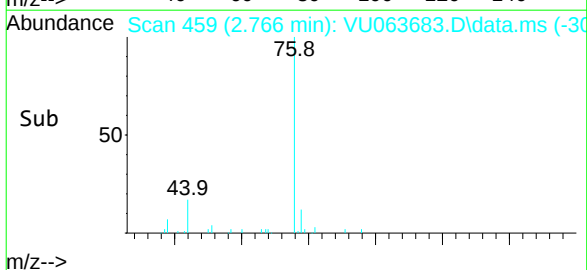
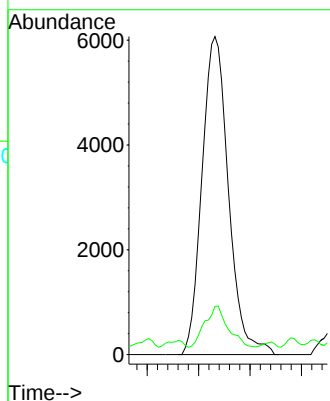
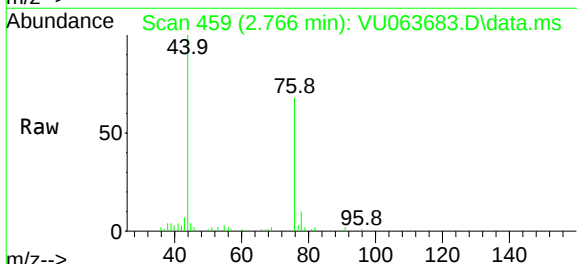
Acq: 07 Nov 2025 13:28

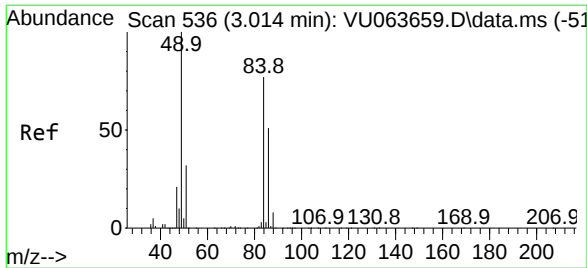
Tgt Ion: 76 Resp: 10871

Ion Ratio Lower Upper

76 100

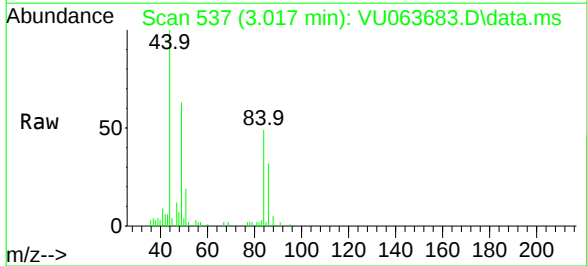
78 12.7 7.5 11.3#



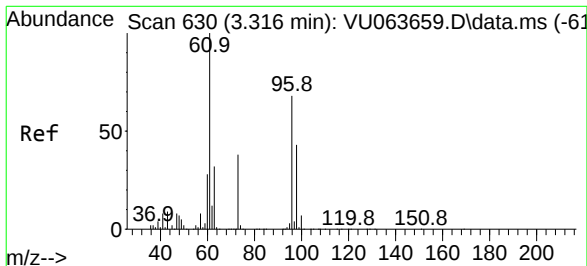
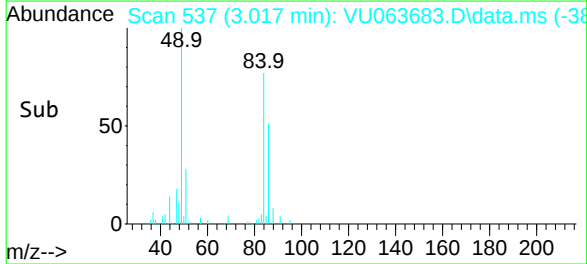
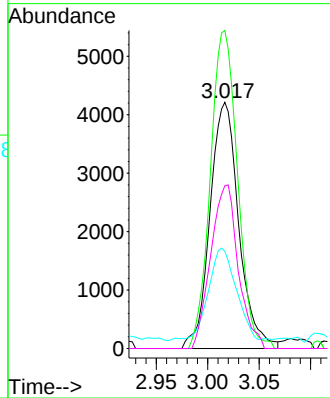


#15
Methylene Chloride
Concen: 0.433 ug/l
RT: 3.017 min Scan# 53
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

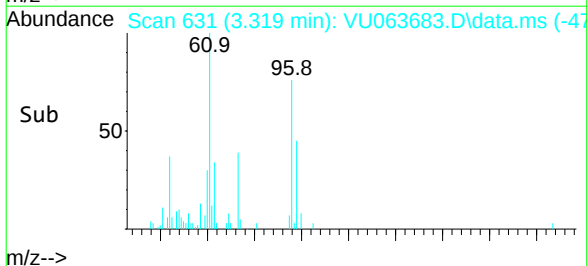
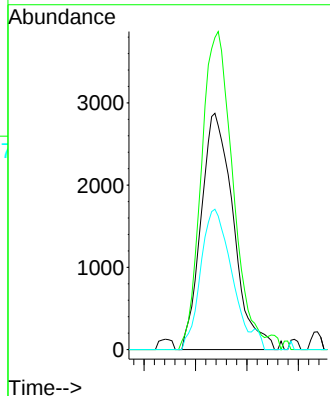
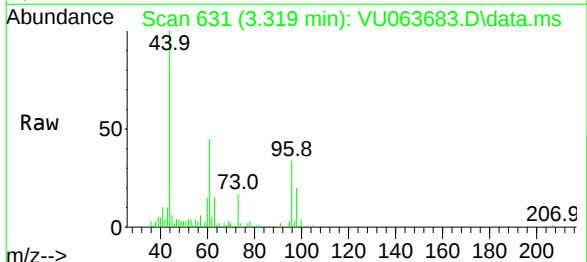


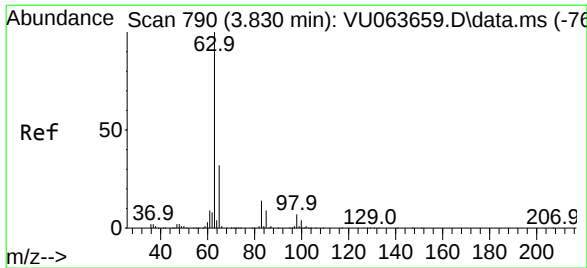
Tgt Ion:	84	Resp:	8187
Ion	Ratio	Lower	Upper
84	100		
49	129.2	103.4	155.0
51	35.4	0.0	81.6
86	66.1	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.385 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	96	Resp:	6244
Ion	Ratio	Lower	Upper
96	100		
61	132.0	117.4	176.2
98	59.4	49.9	74.9

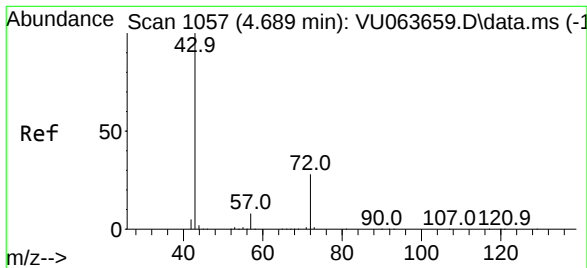
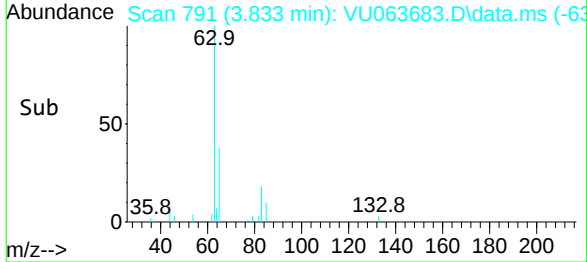
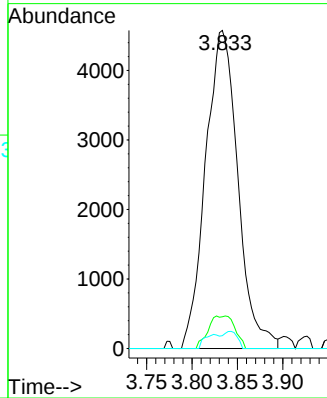
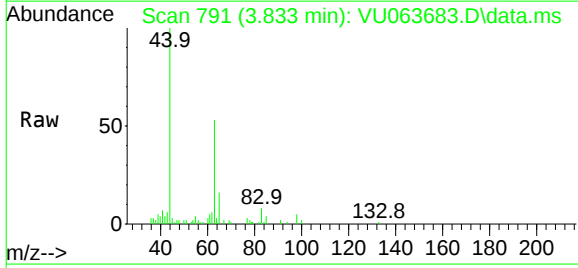




#17
1,1-Dichloroethane
Concen: 0.352 ug/l
RT: 3.833 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

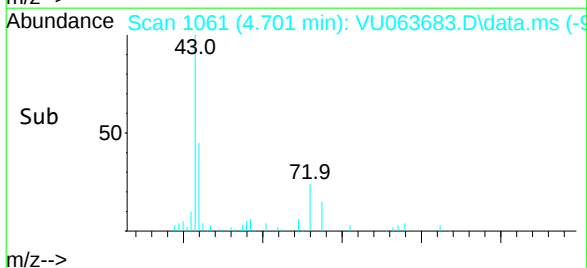
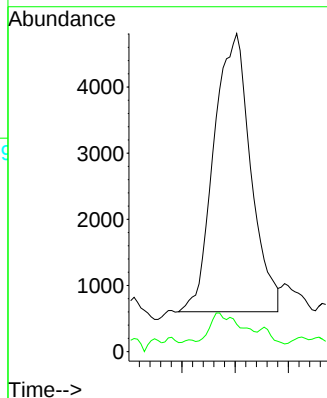
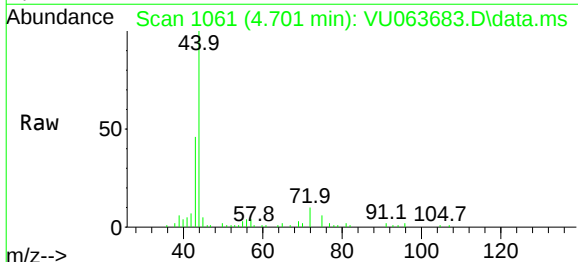
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

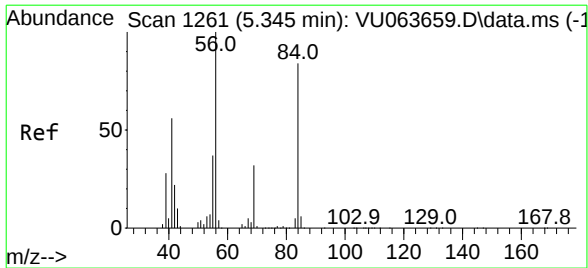
Tgt Ion:	63	Resp:	11334
Ion	Ratio	Lower	Upper
63	100		
98	10.0	3.5	10.5
100	4.0	2.2	6.6



#18
2-Butanone
Concen: 1.484 ug/l
RT: 4.701 min Scan# 1061
Delta R.T. 0.013 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	43	Resp:	10126
Ion	Ratio	Lower	Upper
43	100		
57	6.6	0.0	16.6

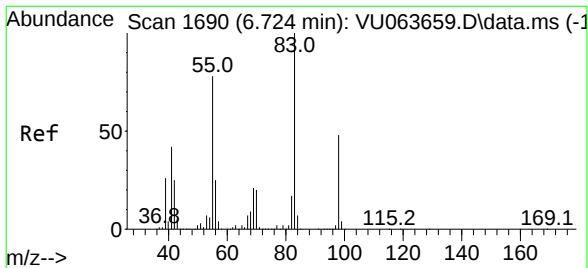
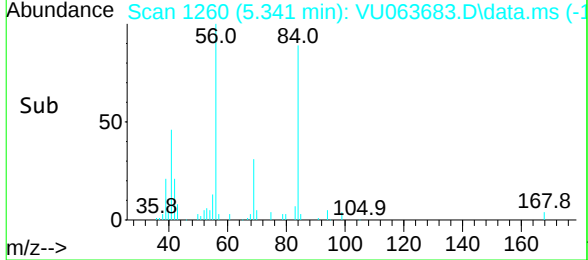
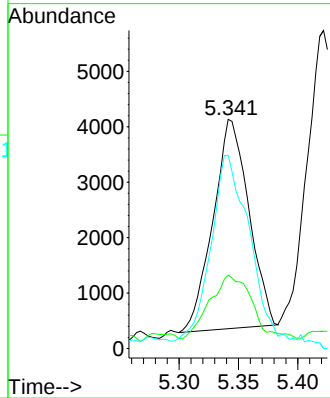
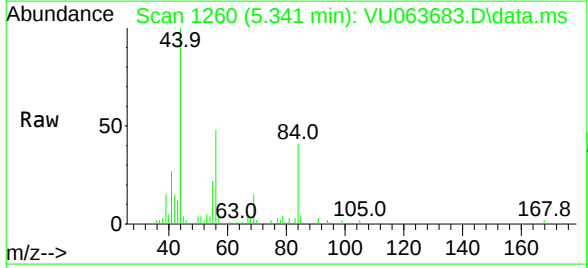




#19
Cyclohexane
Concen: 0.322 ug/l
RT: 5.341 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

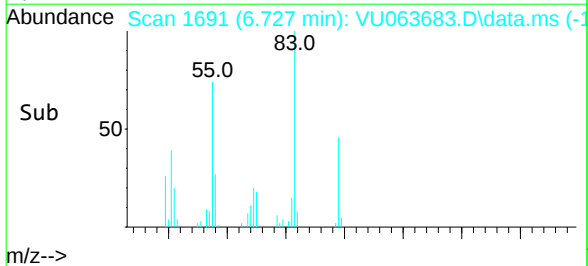
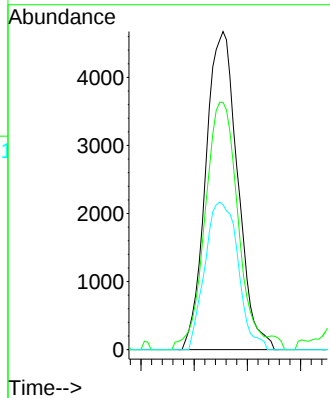
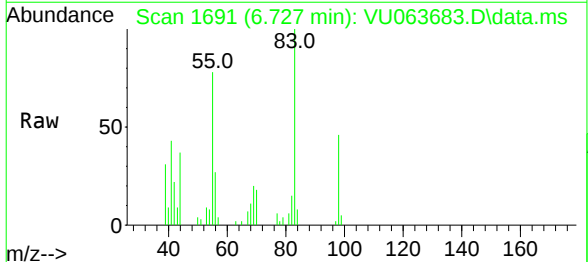
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

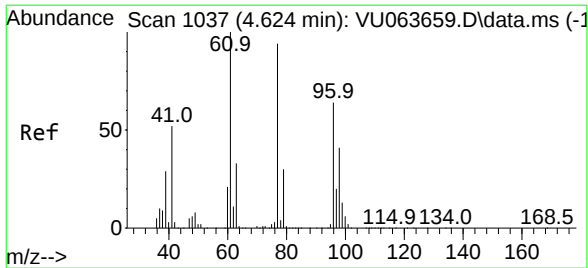
Tgt Ion:	56	Resp:	7917
Ion	Ratio	Lower	Upper
56	100		
69	35.5	27.1	40.7
84	93.3	73.4	110.0



#20
Methylcyclohexane
Concen: 0.318 ug/l
RT: 6.727 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	83	Resp:	9730
Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.5	92.3
98	48.1	37.9	56.9

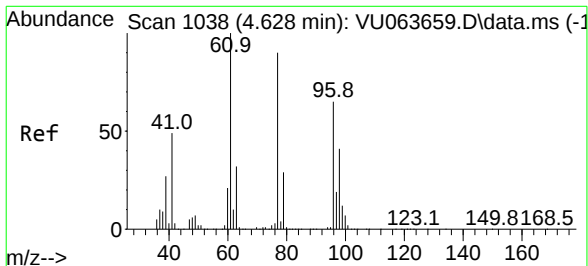
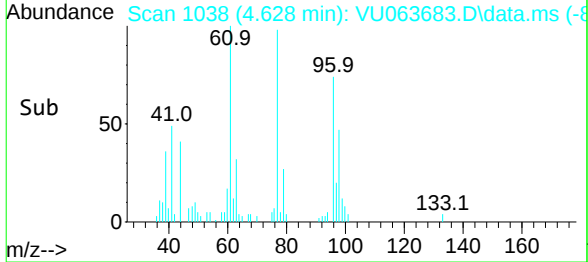
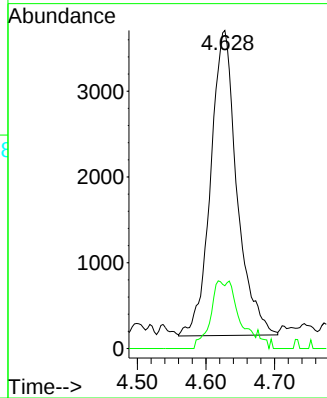
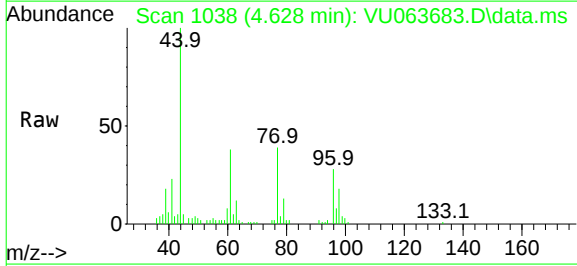




#21
2,2-Dichloropropane
Concen: 0.329 ug/l
RT: 4.628 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

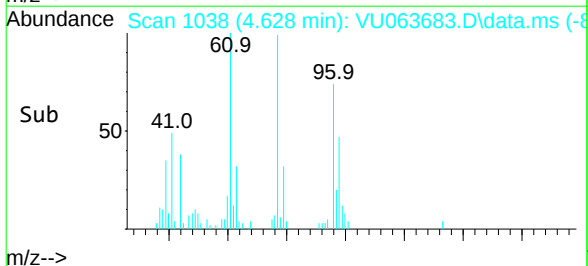
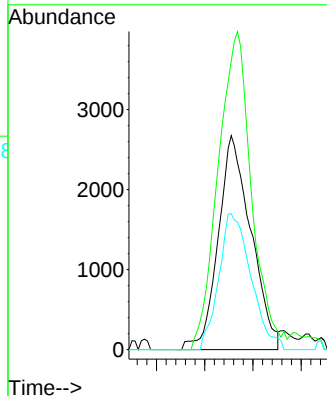
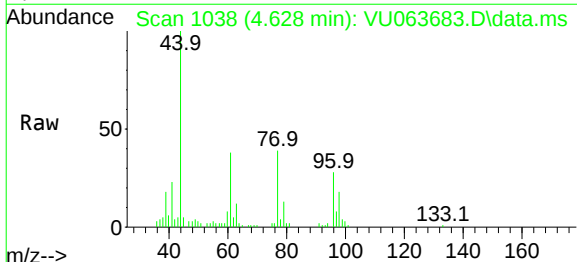
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

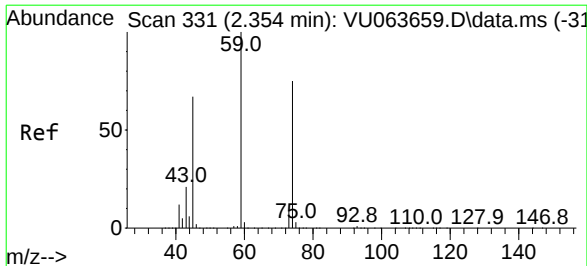
Tgt Ion: 77 Resp: 9502
Ion Ratio Lower Upper
77 100
97 12.2 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 0.341 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 96 Resp: 6304
Ion Ratio Lower Upper
96 100
61 151.4 0.0 385.0
98 62.4 31.3 93.9





#23

Diethyl Ether

Concen: 0.325 ug/l

RT: 2.361 min Scan# 331

Delta R.T. 0.006 min

Lab File: VU063683.D

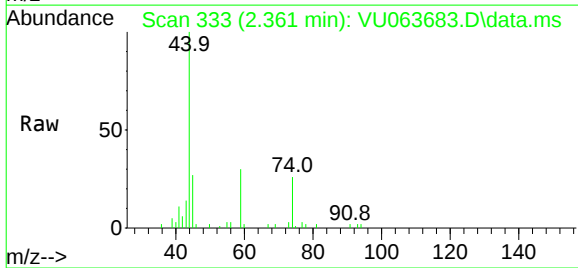
Acq: 07 Nov 2025 13:28

Instrument :

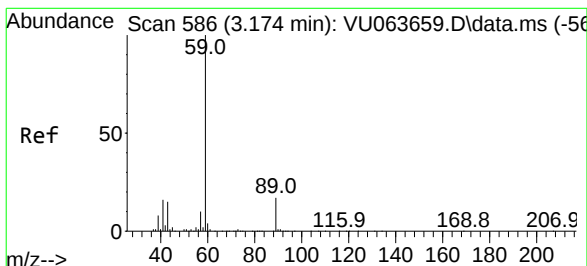
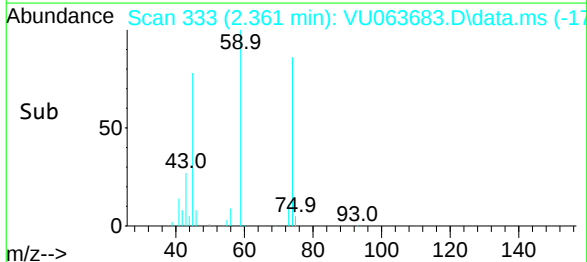
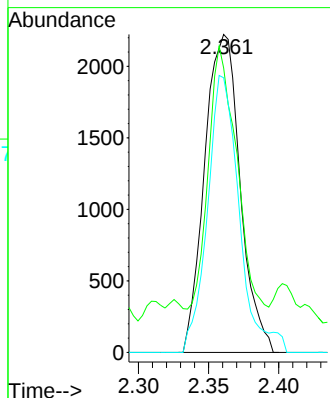
MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:	59	Resp:	3915
Ion	Ratio	Lower	Upper
59	100		
45	68.0	52.6	78.8
74	77.9	59.4	89.2



#24

tert-Butyl Alcohol

Concen: 4.172 ug/l

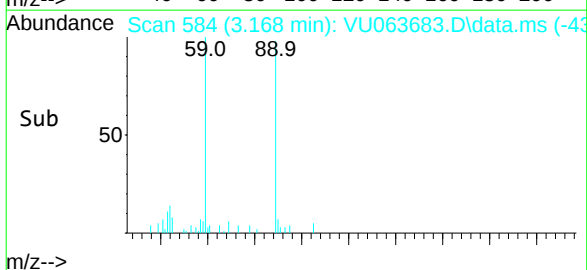
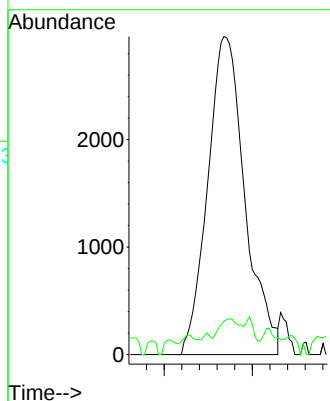
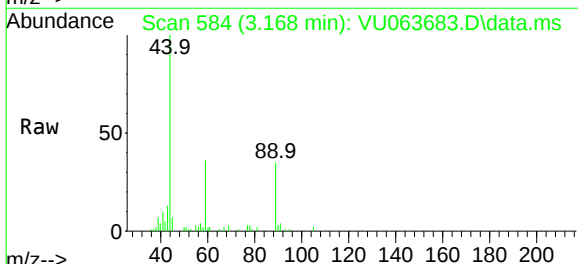
RT: 3.168 min Scan# 584

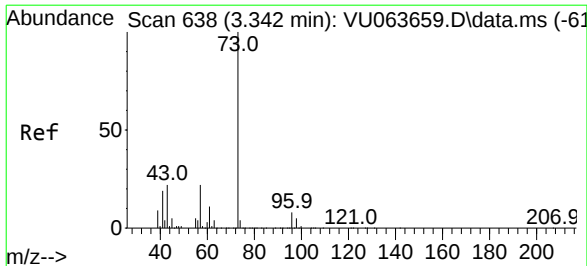
Delta R.T. -0.007 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	59	Resp:	8675
Ion	Ratio	Lower	Upper
59	100		
57	3.3	7.2	10.8

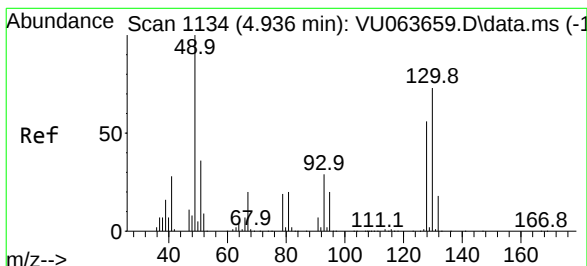
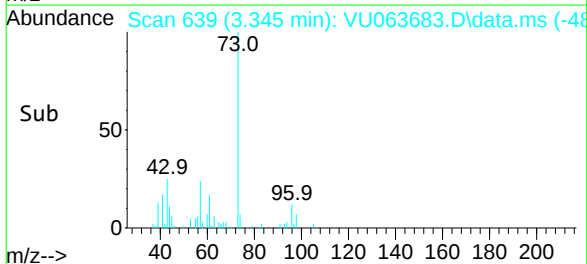
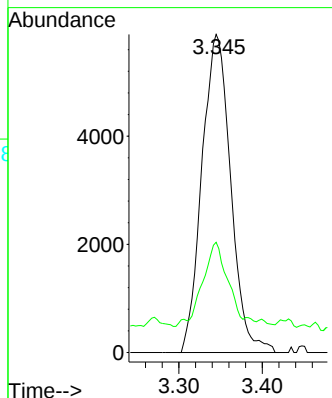
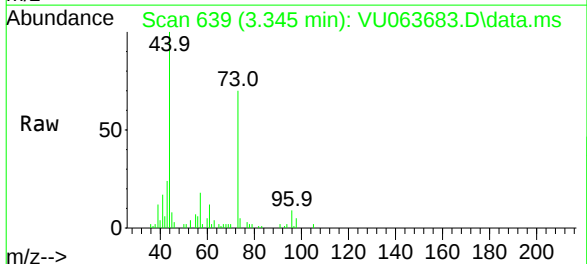




#25
Methyl tert-Butyl Ether
Concen: 0.327 ug/l
RT: 3.345 min Scan# 63
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

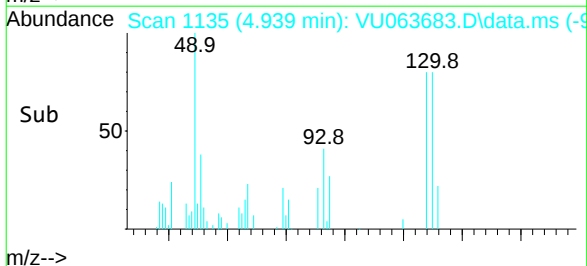
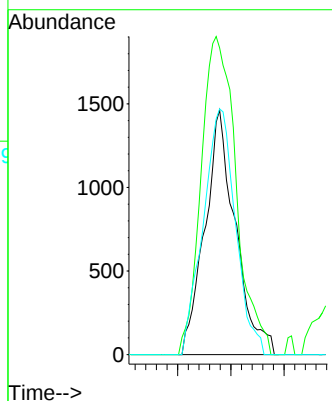
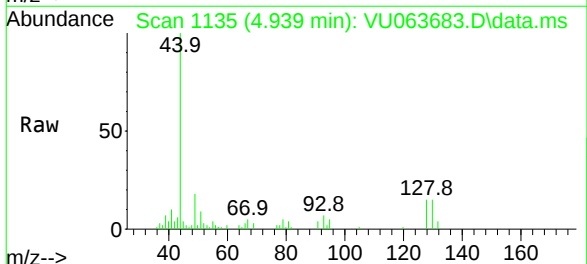
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

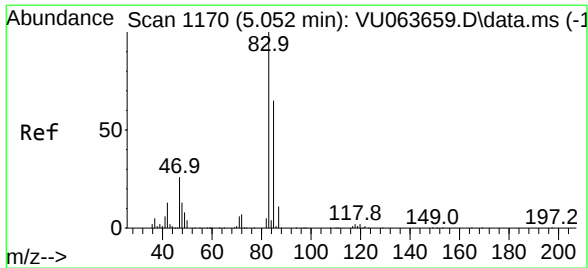
Tgt Ion: 73 Resp: 14121
Ion Ratio Lower Upper
73 100
43 22.9 17.4 26.0



#26
Bromochloromethane
Concen: 0.375 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 128 Resp: 2923
Ion Ratio Lower Upper
128 100
49 148.8 0.0 349.6
130 105.9 102.7 154.1

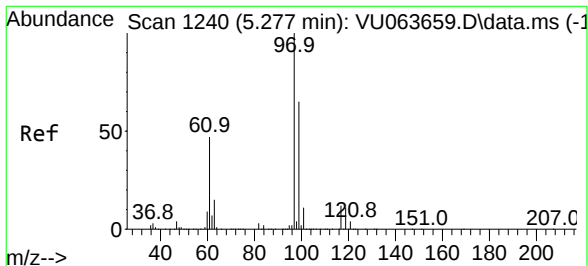
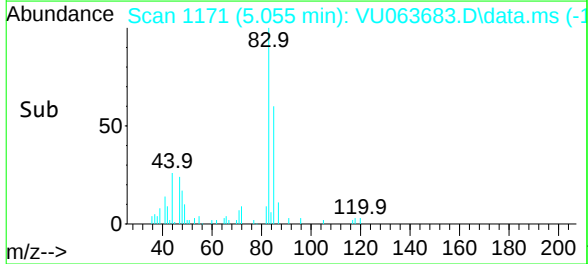
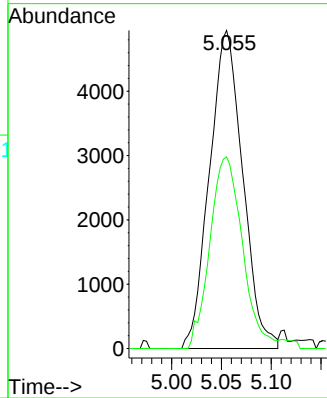
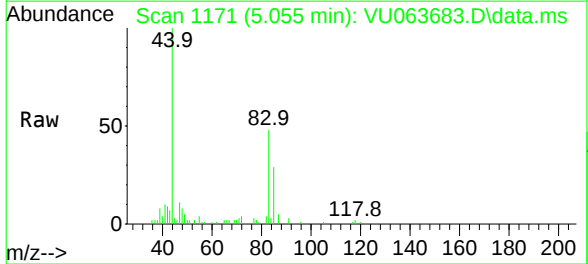




#27
 Chloroform
 Concen: 0.349 ug/l
 RT: 5.055 min Scan# 1171
 Delta R.T. 0.003 min
 Lab File: VU063683.D
 Acq: 07 Nov 2025 13:28

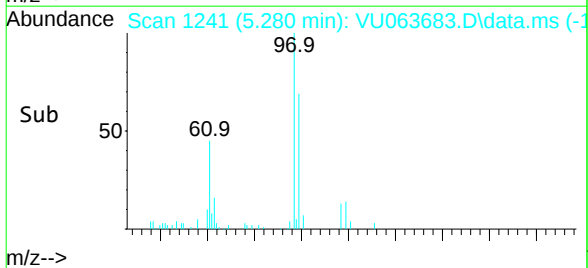
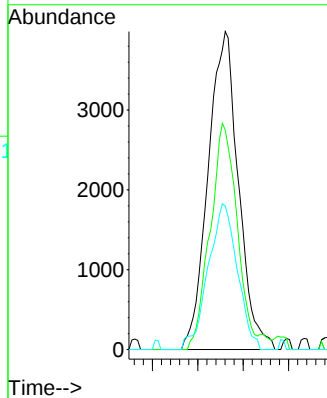
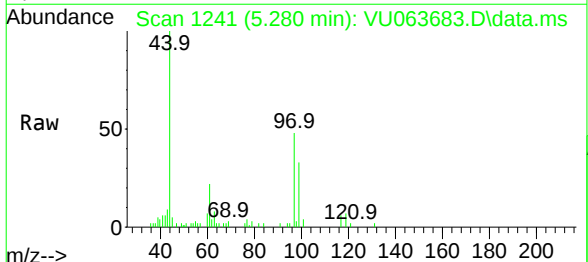
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2025

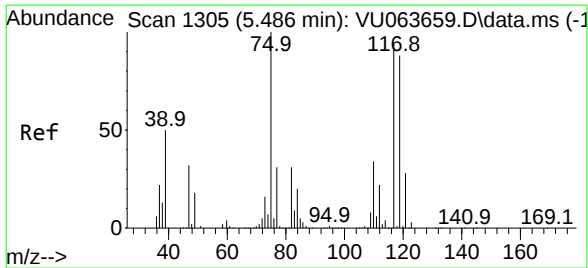
Tgt Ion:	83	Resp:	11470
Ion	Ratio	Lower	Upper
83	100		
85	60.3	0.0	130.8



#28
 1,1,1-Trichloroethane
 Concen: 0.319 ug/l
 RT: 5.280 min Scan# 1241
 Delta R.T. 0.003 min
 Lab File: VU063683.D
 Acq: 07 Nov 2025 13:28

Tgt Ion:	97	Resp:	9248
Ion	Ratio	Lower	Upper
97	100		
99	62.9	32.3	96.8
61	44.0	23.3	69.8

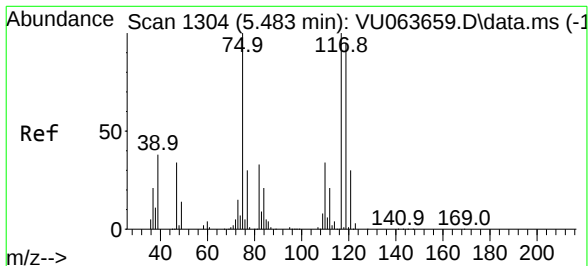
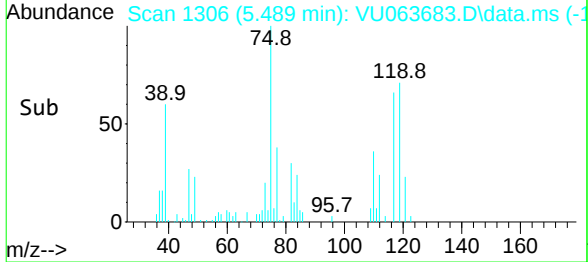
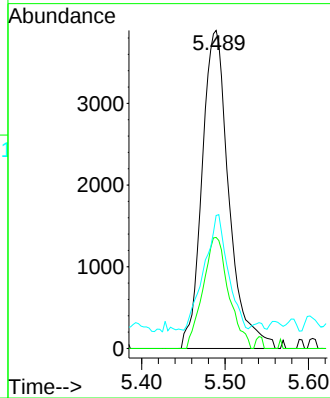
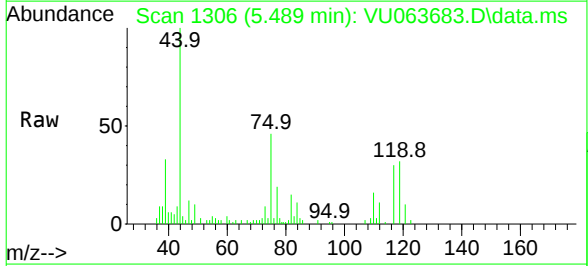




#29
1,1-Dichloropropene
Concen: 0.357 ug/l
RT: 5.489 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

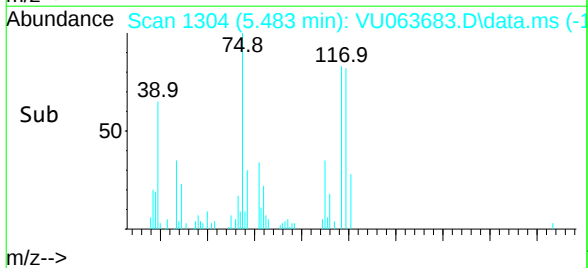
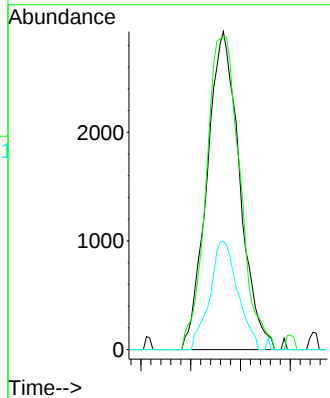
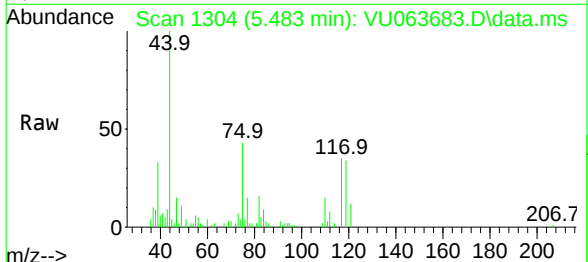
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

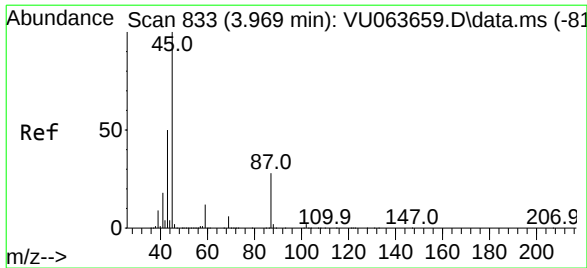
Tgt Ion:	75	Resp:	8697
Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.2	51.5
77	32.3	24.5	36.7



#30
Carbon Tetrachloride
Concen: 0.290 ug/l
RT: 5.483 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	117	Resp:	6663
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.7	113.5
121	34.1	23.8	35.6

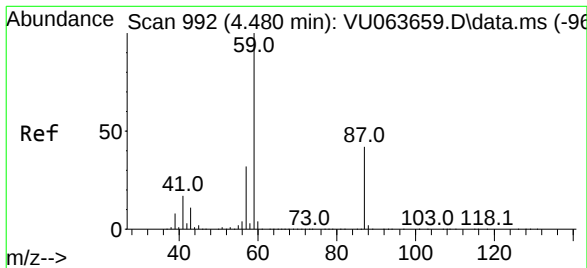
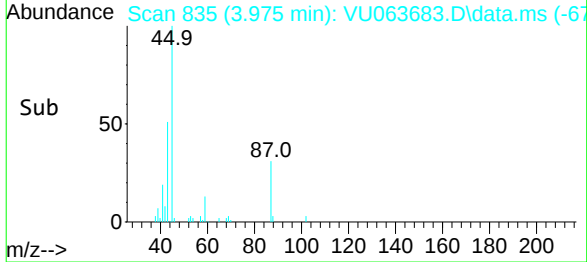
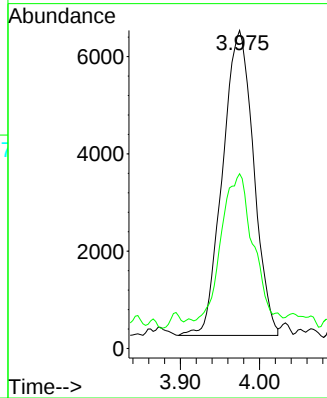
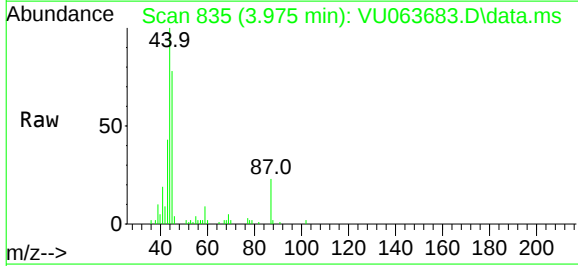




#31
Isopropyl Ether
Concen: 0.335 ug/l
RT: 3.975 min Scan# 833
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

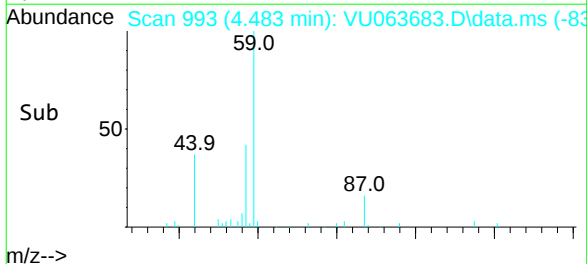
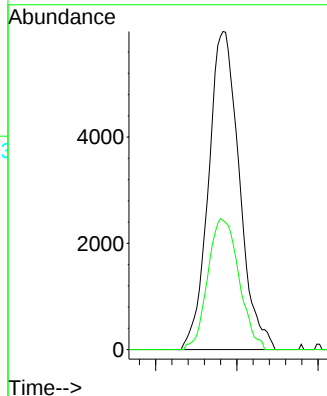
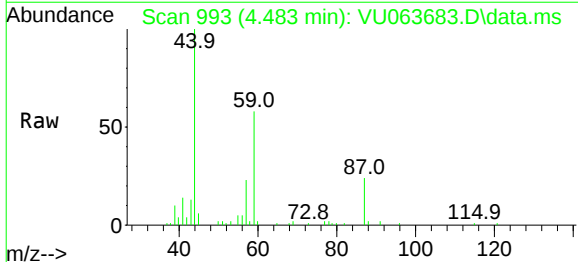
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

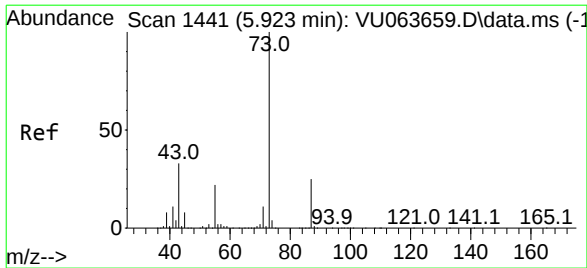
Tgt Ion: 45 Resp: 17060
Ion Ratio Lower Upper
45 100
43 49.0 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.321 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 59 Resp: 15779
Ion Ratio Lower Upper
59 100
87 41.5 33.0 49.6

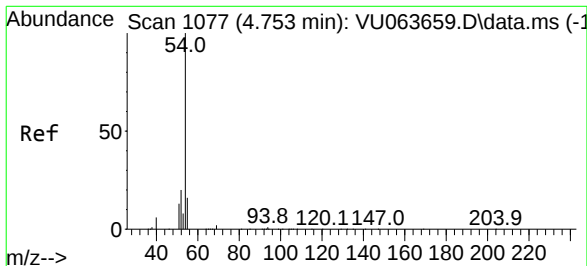
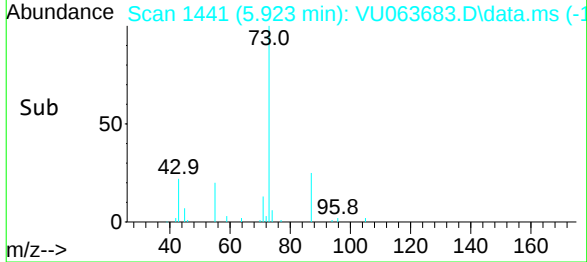
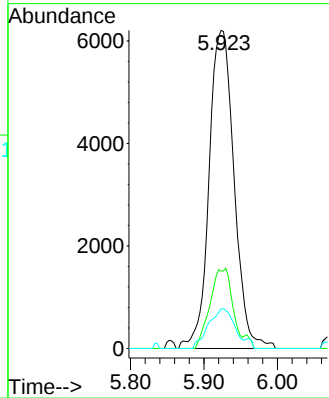
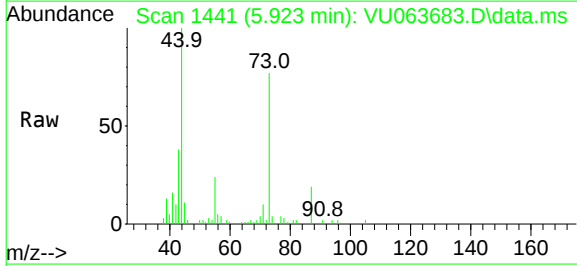




#33
Tert-Amyl methyl ether
Concen: 0.344 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

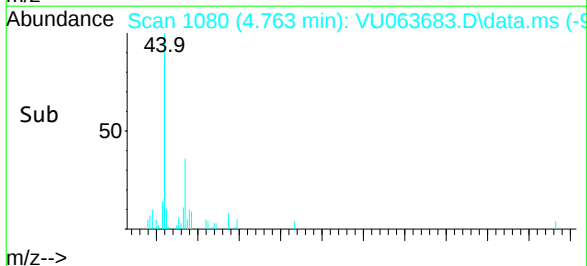
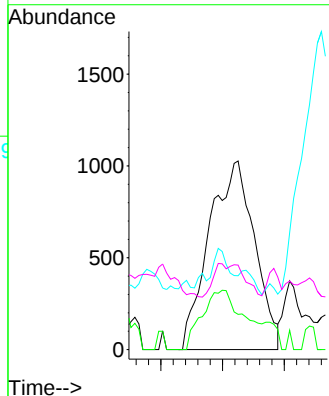
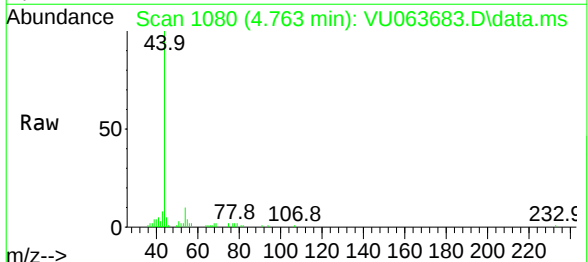
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

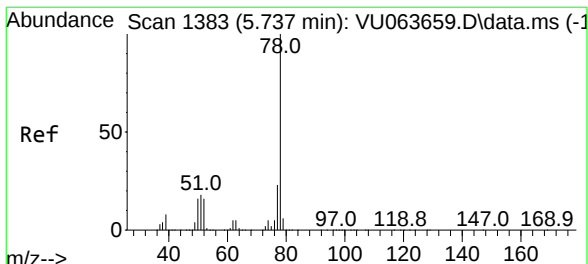
Tgt Ion: 73	Resp: 14690
Ion Ratio	Lower Upper
73 100	
87 19.7	20.0 30.0#
71 10.5	9.0 13.4



#34
Propionitrile
Concen: 1.972 ug/l
RT: 4.763 min Scan# 1080
Delta R.T. 0.009 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 54	Resp: 2630
Ion Ratio	Lower Upper
54 100	
52 29.1	15.8 23.6#
55 8.3	11.3 16.9#
40 5.2	6.2 9.4#

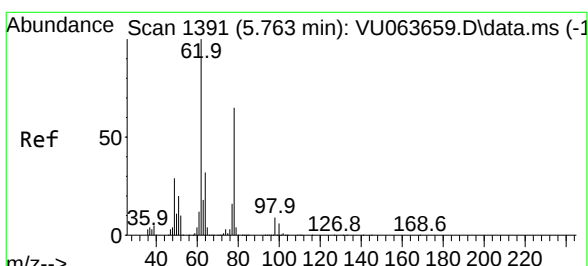
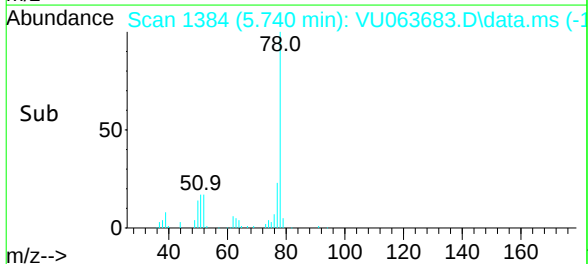
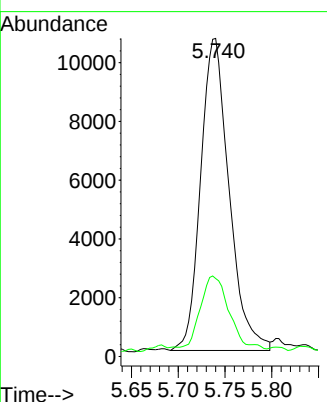
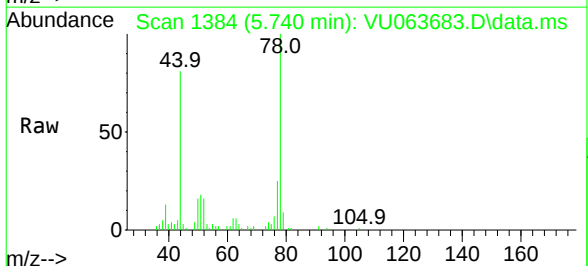




#35
Benzene
Concen: 0.327 ug/l
RT: 5.740 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

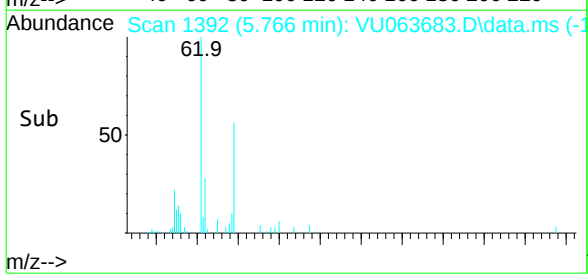
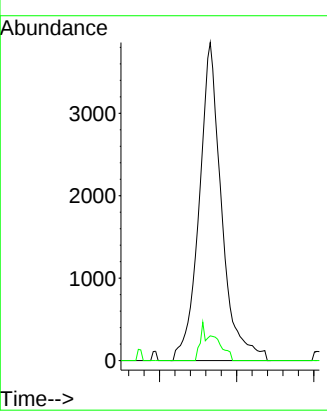
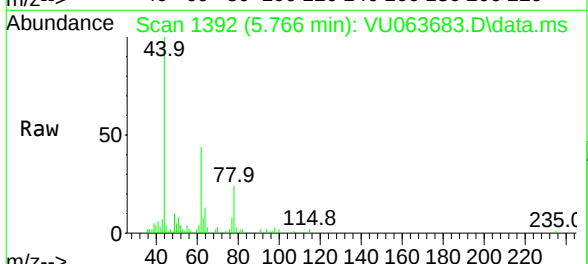
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

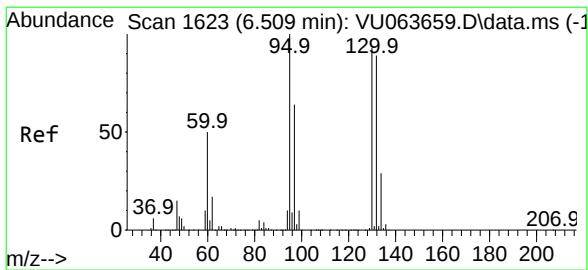
Tgt Ion:	78	Resp:	22471
Ion Ratio	100	Lower	Upper
77	22.3	18.3	27.5



#36
1,2-Dichloroethane
Concen: 0.353 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	62	Resp:	7787
Ion Ratio	100	Lower	Upper
98	3.3	6.8	10.2





#37

Trichloroethene

Concen: 0.331 ug/l

RT: 6.512 min Scan# 16

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

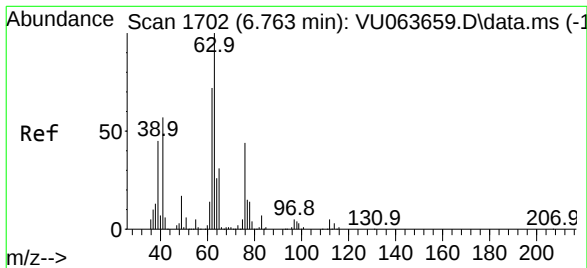
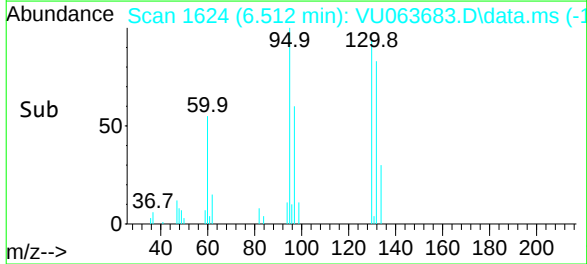
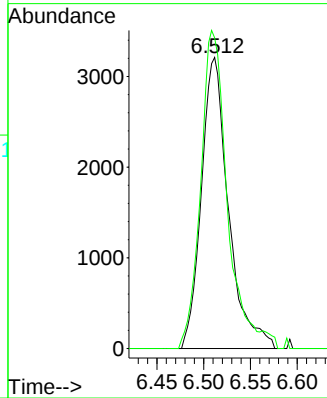
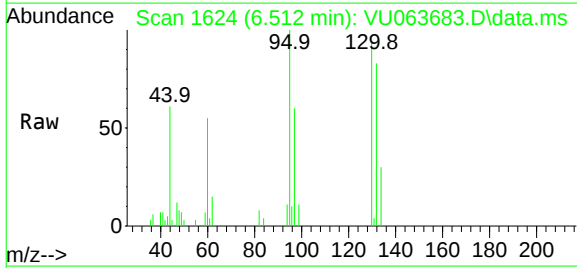
MDL-WATER-03-QT4-2025

Tgt Ion:130 Resp: 6473

Ion Ratio Lower Upper

130 100

95 106.7 86.0 129.0



#38

1,2-Dichloropropane

Concen: 0.289 ug/l

RT: 6.766 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VU063683.D

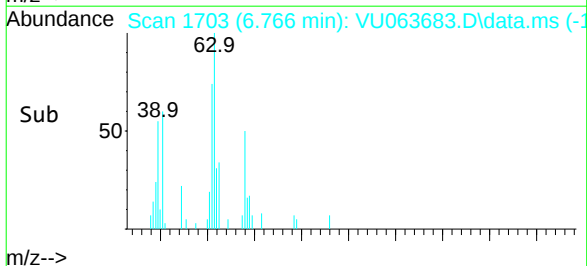
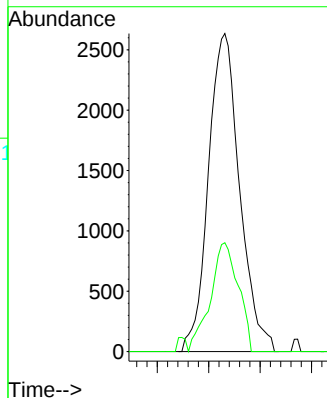
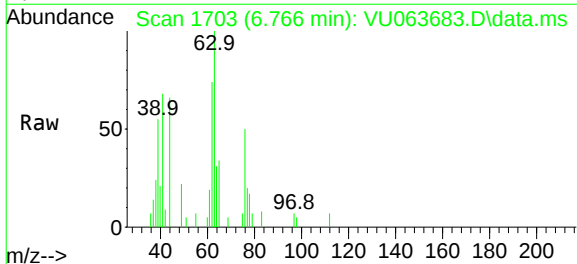
Acq: 07 Nov 2025 13:28

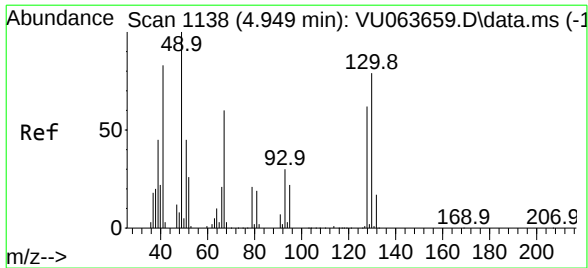
Tgt Ion: 63 Resp: 5553

Ion Ratio Lower Upper

63 100

65 34.2 24.5 36.7

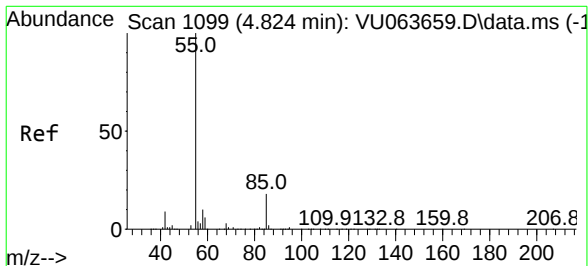
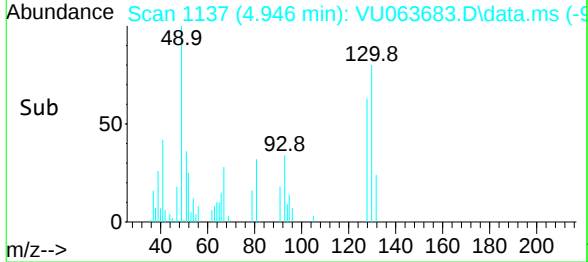
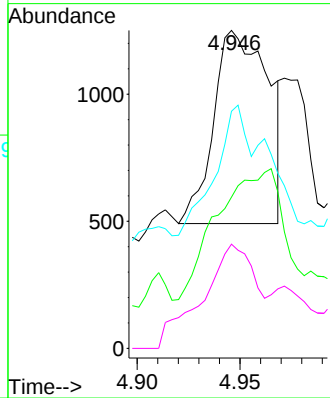
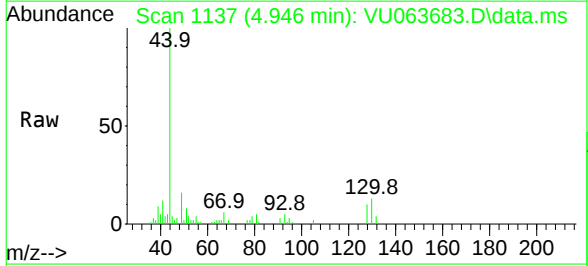




#39
Methacrylonitrile
Concen: 0.212 ug/l
RT: 4.946 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

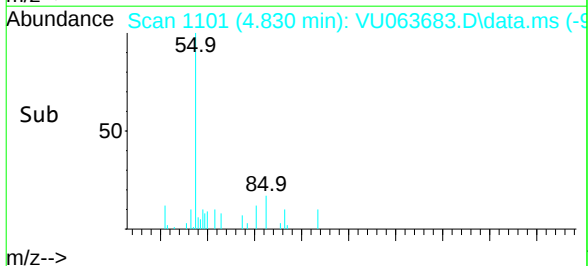
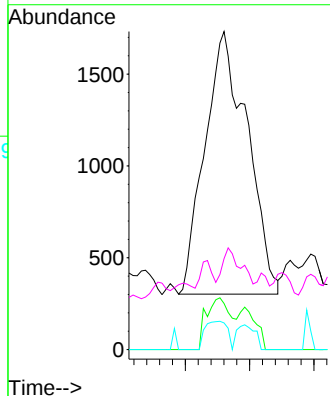
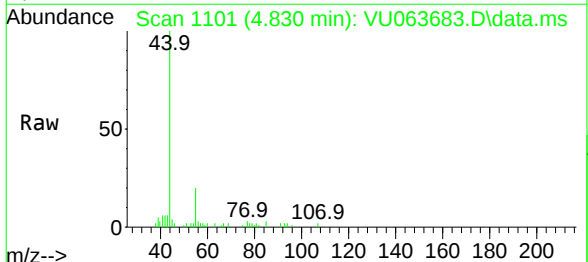
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

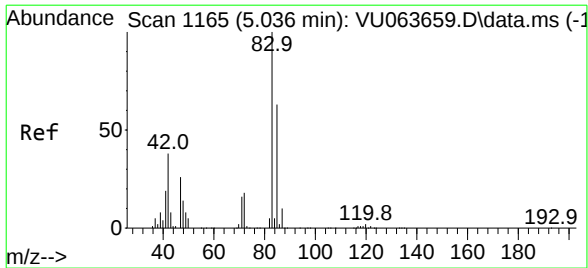
Tgt Ion: 41	Resp: 1404
Ion Ratio	Lower Upper
41 100	
67 89.5	61.4 92.2
39 41.1	46.5 69.7#
52 52.8	25.8 38.6#



#40
Methyl acrylate
Concen: 0.341 ug/l
RT: 4.830 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 55	Resp: 3286
Ion Ratio	Lower Upper
55 100	
85 11.6	15.3 22.9#
58 5.7	7.7 11.5#
42 6.0	7.9 11.9#

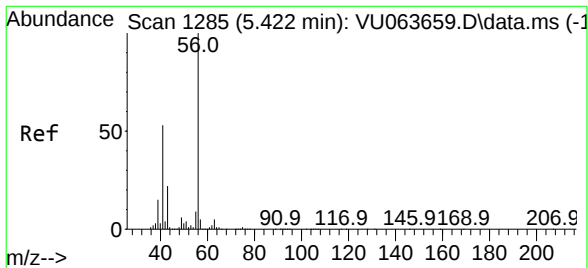
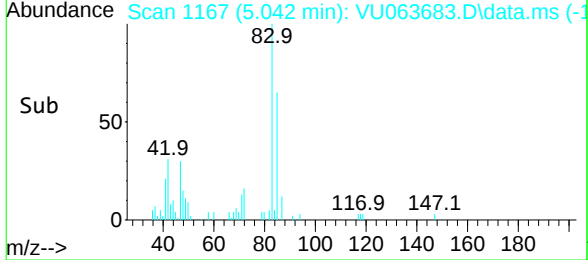
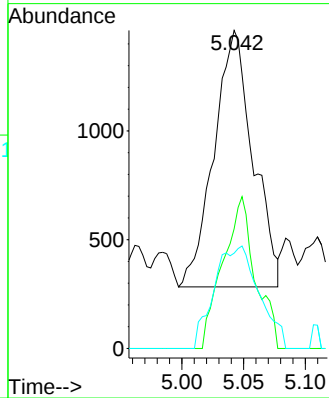
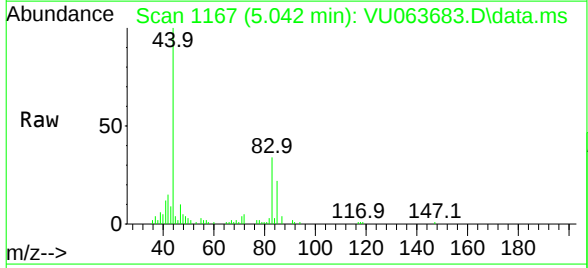




#41
Tetrahydrofuran
Concen: 0.870 ug/l
RT: 5.042 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

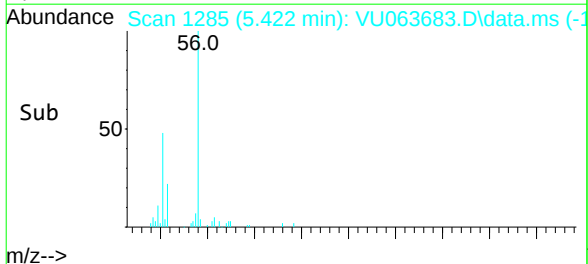
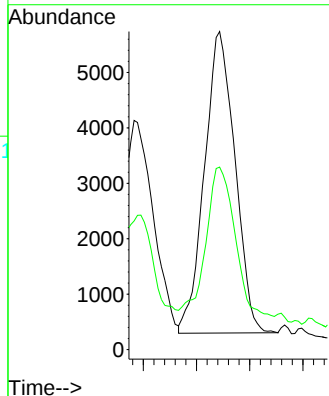
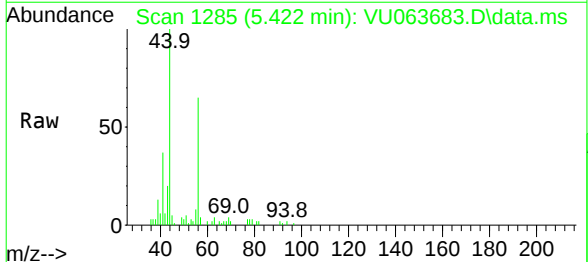
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

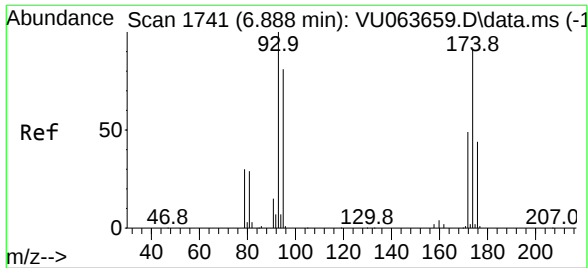
Tgt Ion:	42	Resp:	2597
Ion	Ratio	Lower	Upper
42	100		
72	49.1	40.5	60.7
71	45.8	35.0	52.6



#42
1-Chlorobutane
Concen: 0.332 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	56	Resp:	10840
Ion	Ratio	Lower	Upper
56	100		
41	47.2	25.9	77.6





#43

Dibromomethane

Concen: 0.313 ug/l

RT: 6.898 min Scan# 17

Delta R.T. 0.009 min

Lab File: VU063683.D

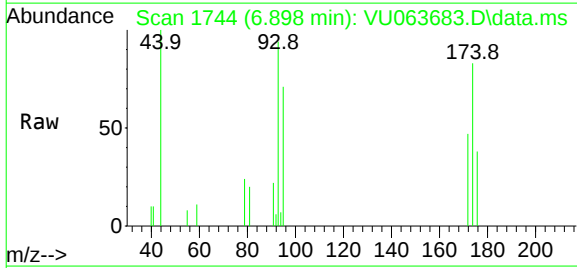
Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025



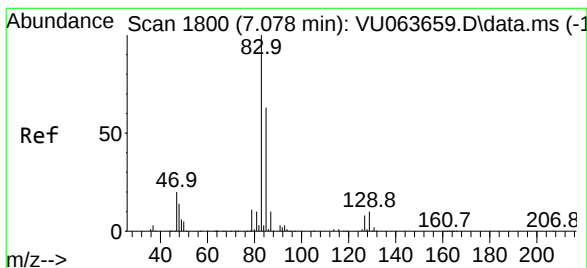
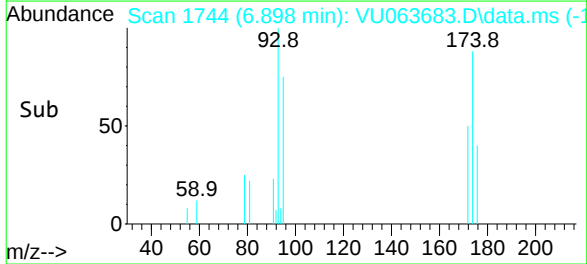
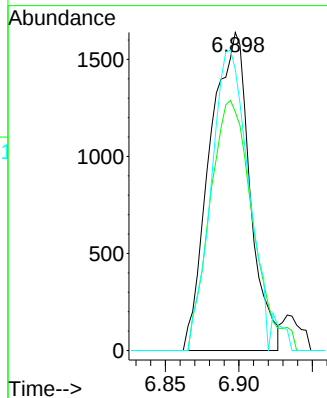
Tgt Ion: 93 Resp: 3108

Ion Ratio Lower Upper

93 100

95 83.7 64.6 97.0

174 89.4 73.8 110.8



#44

Bromodichloromethane

Concen: 0.263 ug/l

RT: 7.081 min Scan# 1801

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

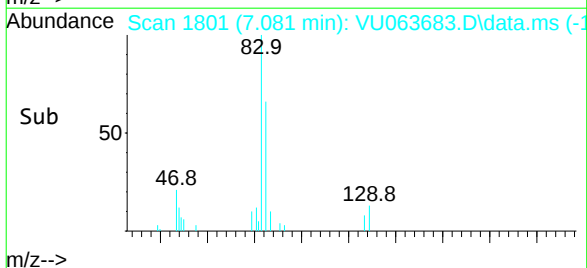
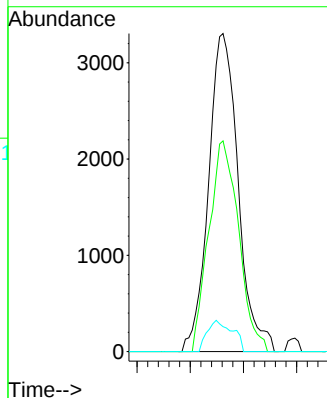
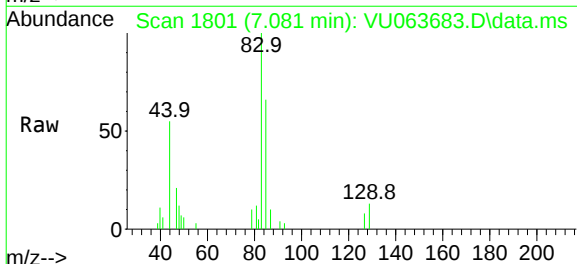
Tgt Ion: 83 Resp: 6387

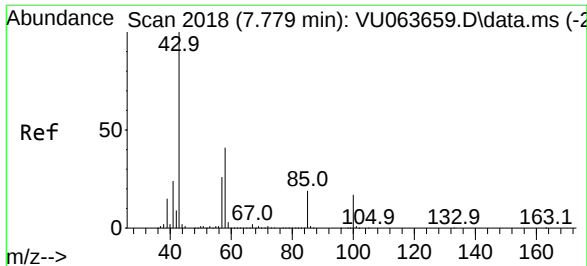
Ion Ratio Lower Upper

83 100

85 66.3 50.5 75.7

127 7.8 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 1.480 ug/l

RT: 7.785 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

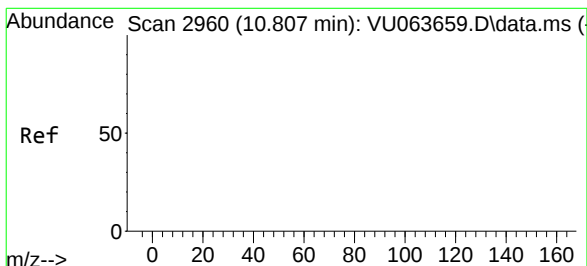
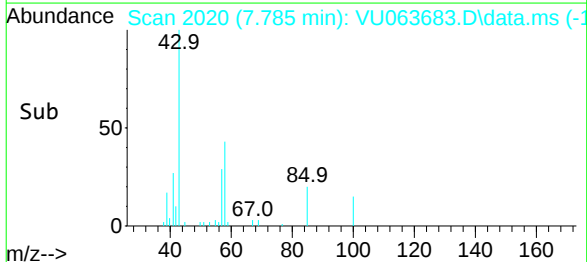
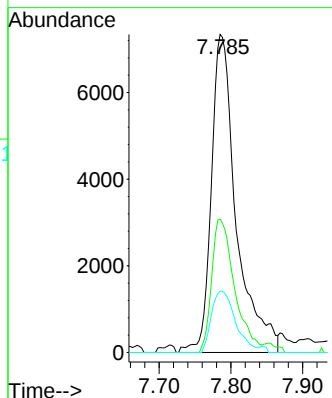
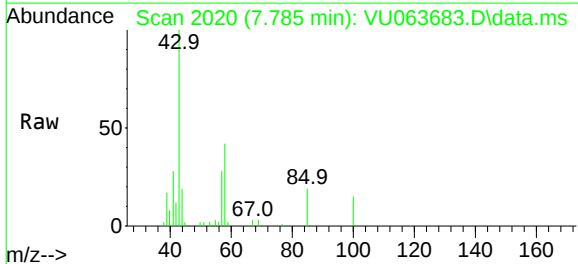
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion: 43	Resp: 17744
Ion Ratio	Lower Upper
43 100	
58 38.5	20.2 60.5
85 18.5	15.0 22.6



#46

t-1,4-Dichloro-2-butene

Concen: 1.331 ug/l

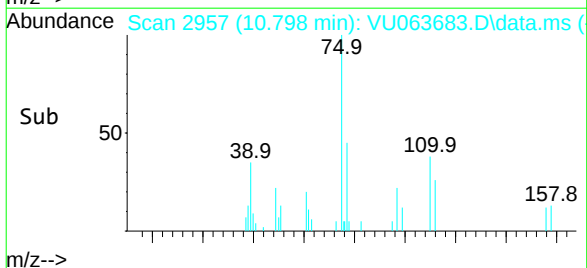
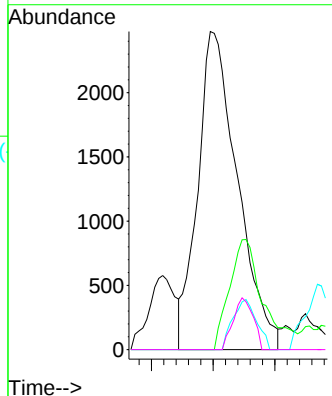
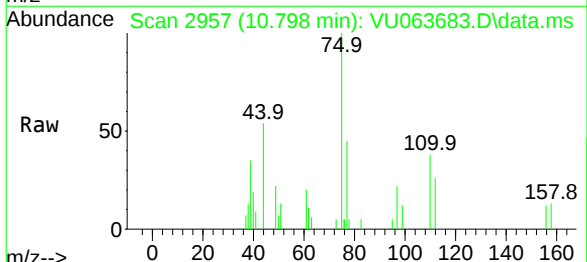
RT: 10.798 min Scan# 2957

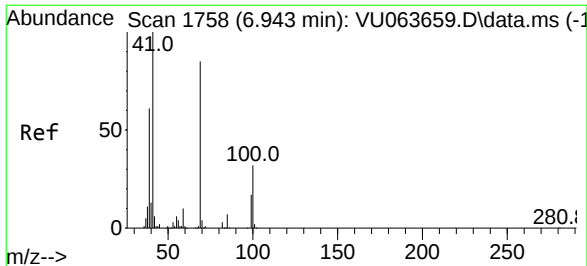
Delta R.T. -0.010 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion: 75	Resp: 5535
Ion Ratio	Lower Upper
75 100	
53 29.4	57.2 85.8#
89 9.4	37.9 56.9#
88 8.2	30.1 45.1#

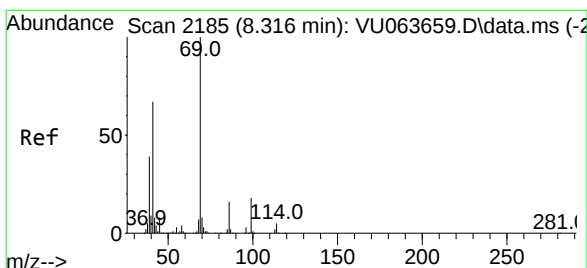
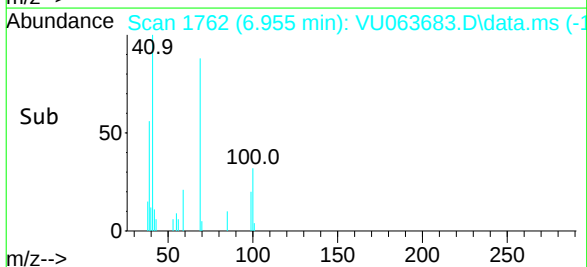
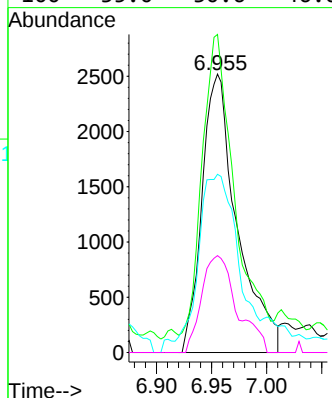
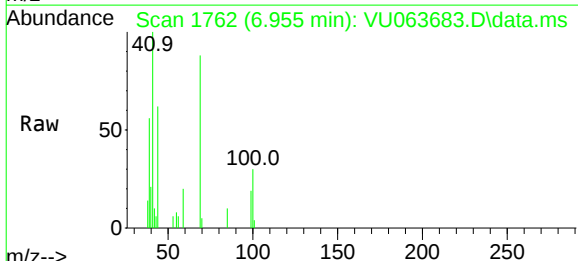




#47
Methyl methacrylate
Concen: 0.613 ug/l
RT: 6.955 min Scan# 1758
Delta R.T. 0.013 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

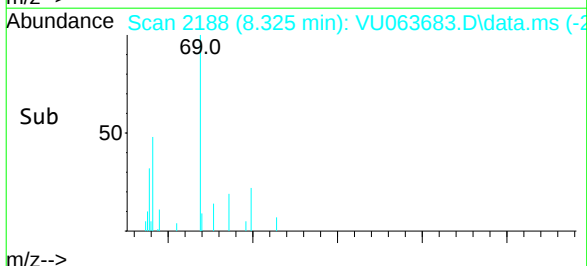
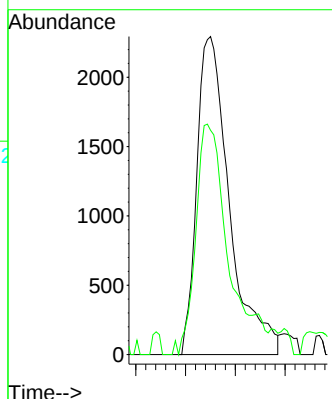
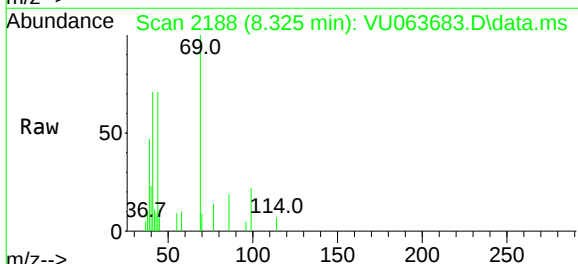
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

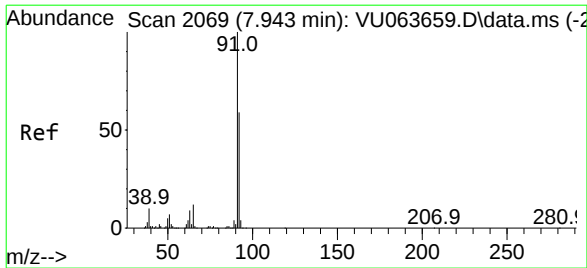
Tgt Ion:	69	Resp:	5603
Ion	Ratio	Lower	Upper
69	100		
41	96.7	0.0	228.2
39	63.1	56.2	84.4
100	35.0	30.6	46.0



#48
Ethyl methacrylate
Concen: 0.281 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.009 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	69	Resp:	5221
Ion	Ratio	Lower	Upper
69	100		
41	72.5	32.8	98.3





#49

Toluene

Concen: 0.299 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

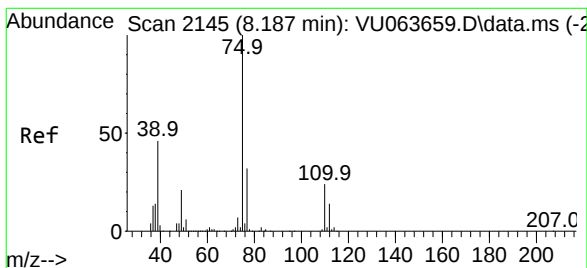
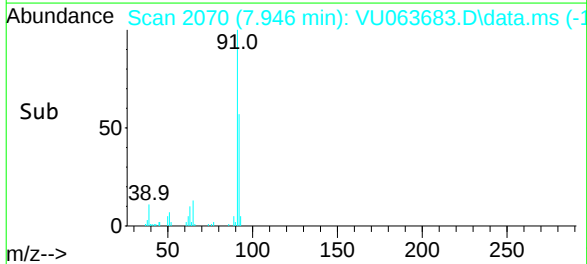
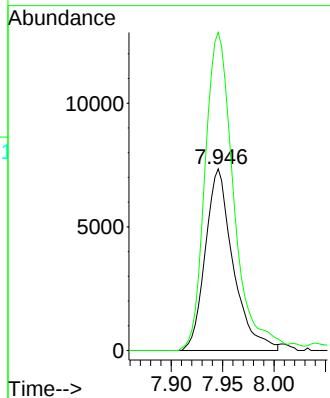
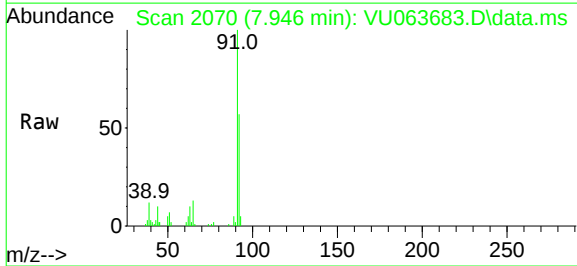
MDL-WATER-03-QT4-2025

Tgt Ion: 92 Resp: 13823

Ion Ratio Lower Upper

92 100

91 180.8 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.249 ug/l

RT: 8.193 min Scan# 2147

Delta R.T. 0.006 min

Lab File: VU063683.D

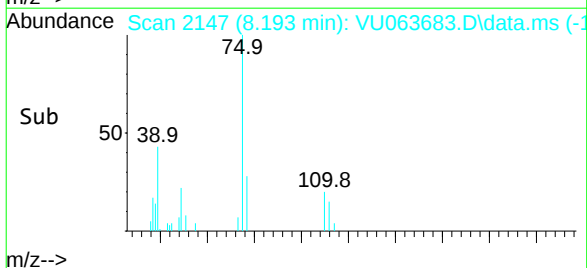
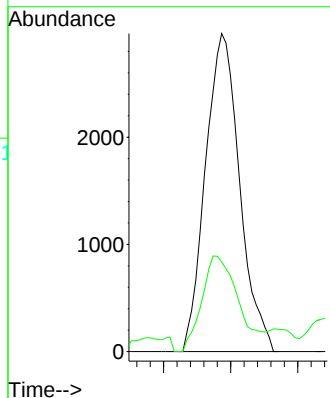
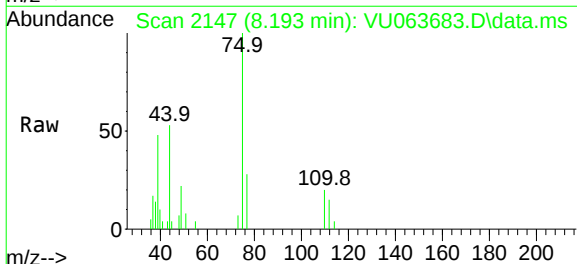
Acq: 07 Nov 2025 13:28

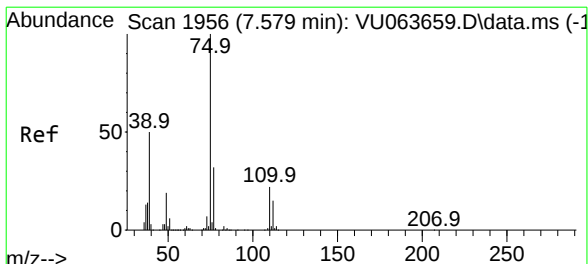
Tgt Ion: 75 Resp: 5254

Ion Ratio Lower Upper

75 100

77 28.1 25.8 38.6

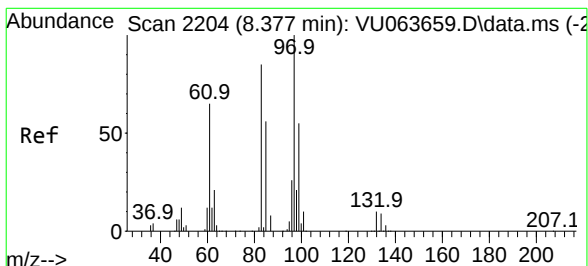
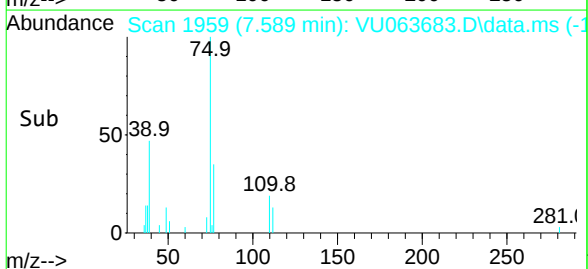
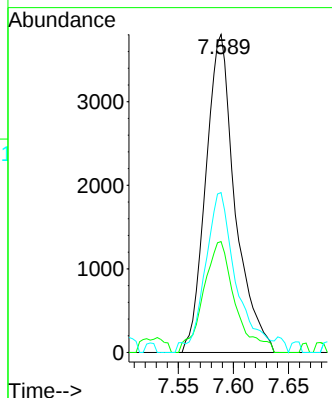
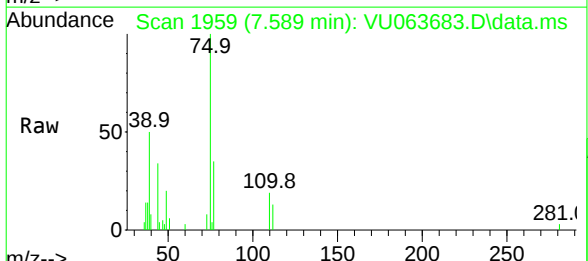




#51
 cis-1,3-Dichloropropene
 Concen: 0.266 ug/l
 RT: 7.589 min Scan# 1956
 Delta R.T. 0.009 min
 Lab File: VU063683.D
 Acq: 07 Nov 2025 13:28

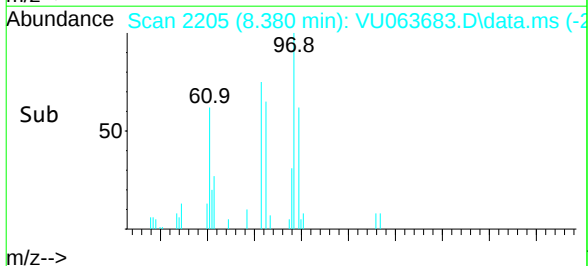
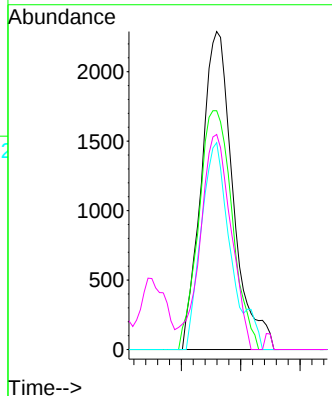
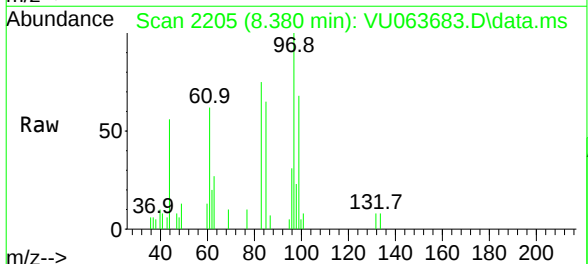
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2025

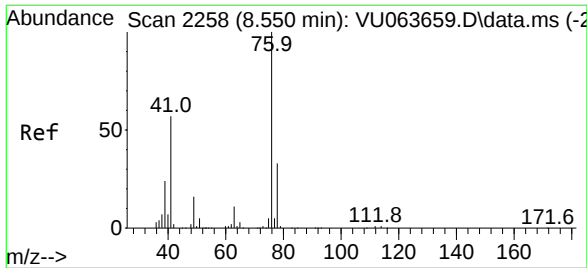
Tgt Ion:	75	Resp:	7035
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.5	38.3
39	47.2	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 0.314 ug/l
 RT: 8.380 min Scan# 2205
 Delta R.T. 0.003 min
 Lab File: VU063683.D
 Acq: 07 Nov 2025 13:28

Tgt Ion:	97	Resp:	4239
Ion	Ratio	Lower	Upper
97	100		
83	75.1	68.3	102.5
85	65.1	45.3	67.9
99	67.6	49.7	74.5

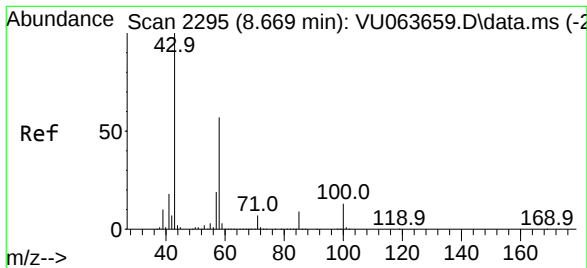
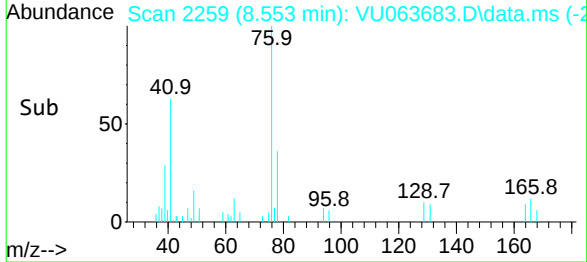
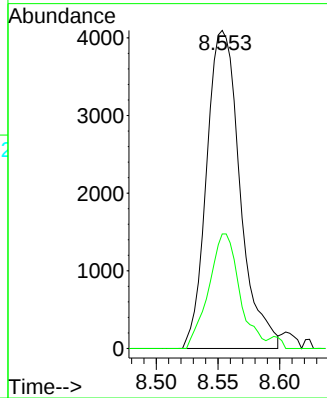
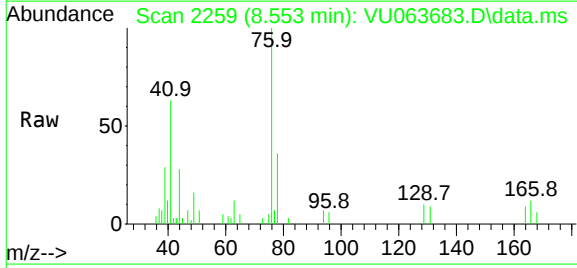




#53
1,3-Dichloropropane
Concen: 0.319 ug/l
RT: 8.553 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

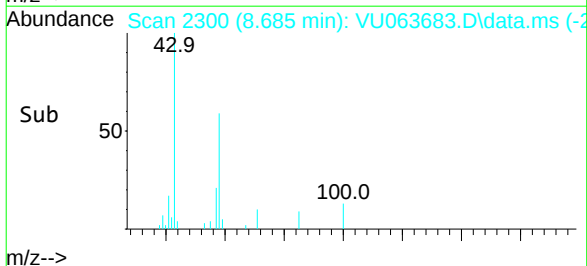
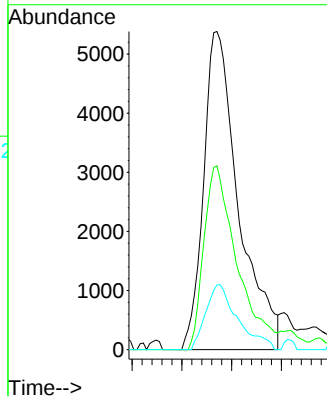
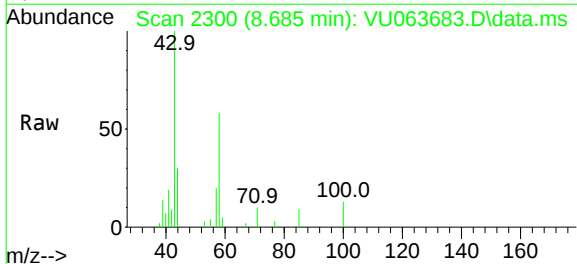
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

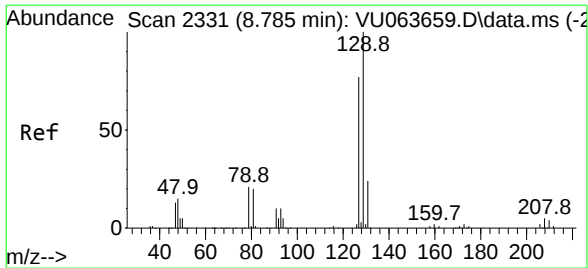
Tgt Ion: 76 Resp: 7707
Ion Ratio Lower Upper
76 100
78 33.4 25.8 38.6



#54
2-Hexanone
Concen: 1.298 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.016 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion: 43 Resp: 13137
Ion Ratio Lower Upper
43 100
58 54.7 36.3 76.3
57 18.7 0.0 39.7

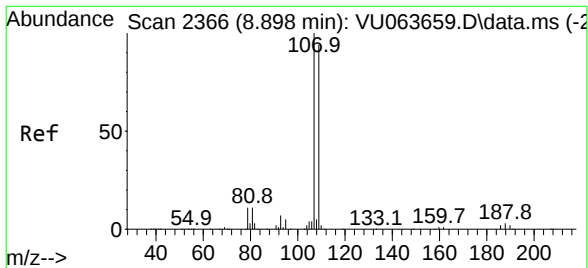
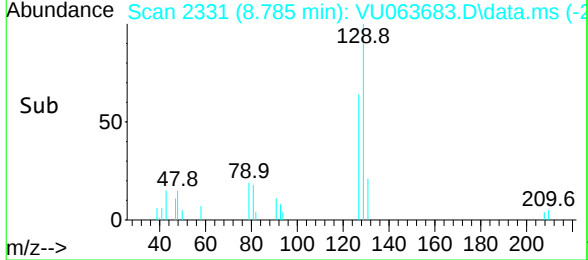
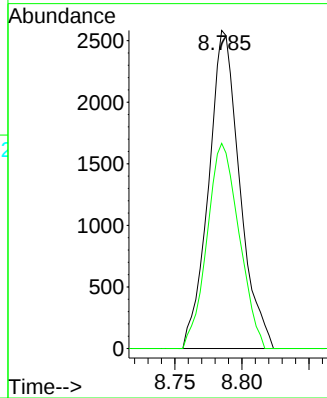
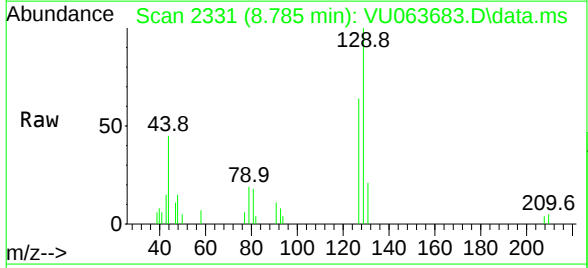




#55
Dibromochloromethane
Concen: 0.262 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

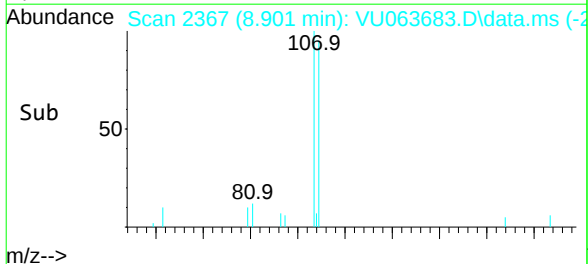
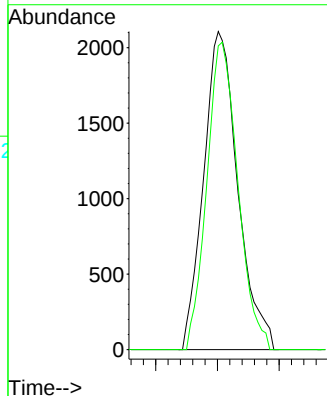
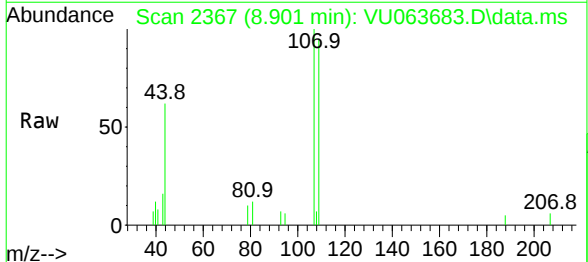
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

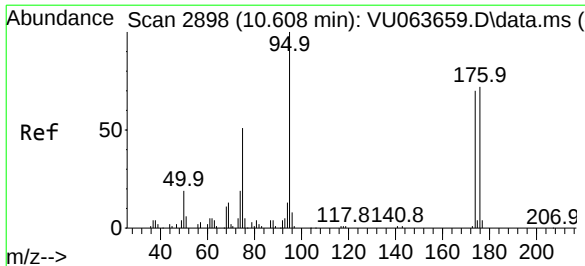
Tgt Ion:129 Resp: 4172
Ion Ratio Lower Upper
129 100
127 66.3 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.315 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:107 Resp: 4050
Ion Ratio Lower Upper
107 100
109 88.0 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.909 ug/l

RT: 10.611 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VU063683.D

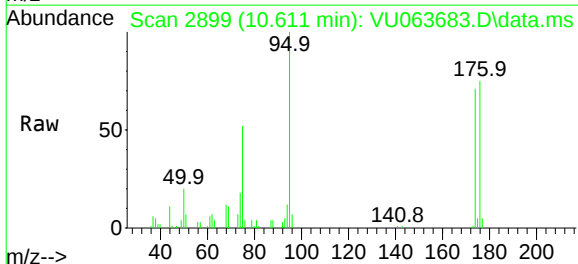
Acq: 07 Nov 2025 13:28

Instrument :

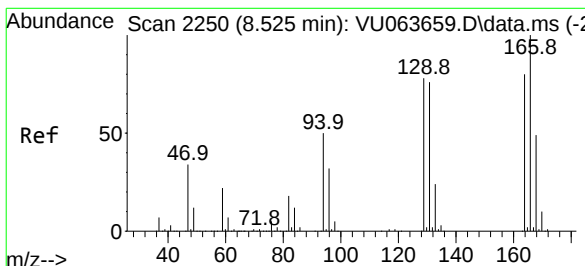
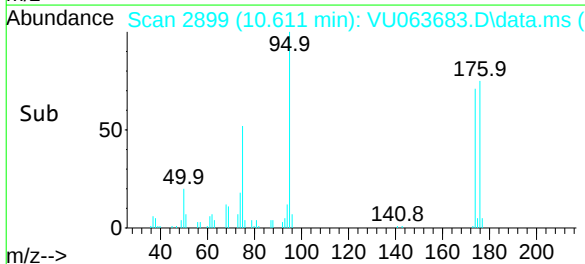
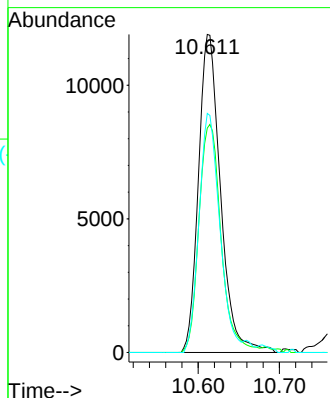
MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:	95	Resp:	22461
Ion Ratio	Lower	Upper	
95	100		
174	72.1	59.9	89.9
176	70.7	58.8	88.2



#58

Tetrachloroethene

Concen: 0.315 ug/l

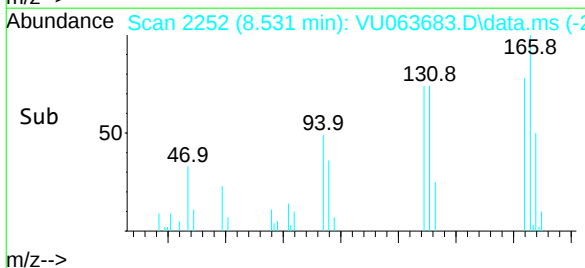
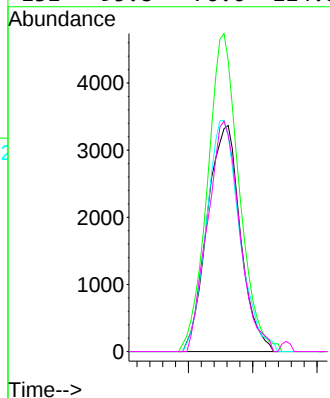
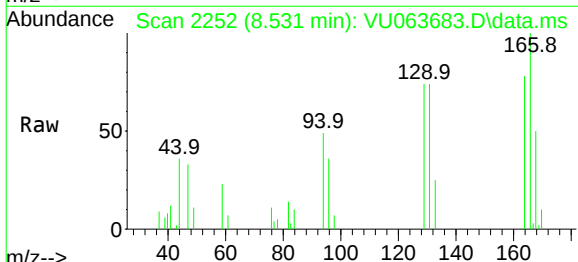
RT: 8.531 min Scan# 2252

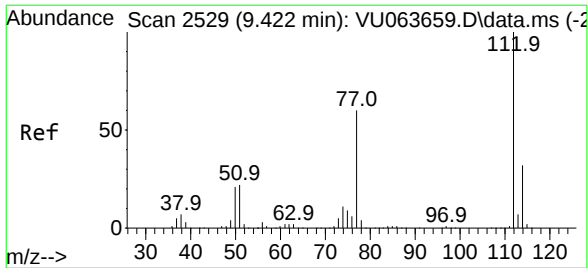
Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	164	Resp:	6030
Ion Ratio	Lower	Upper	
164	100		
166	128.8	100.1	150.1
129	95.5	77.6	116.4
131	95.8	76.6	114.8

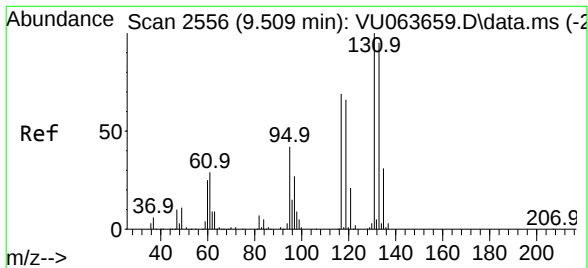
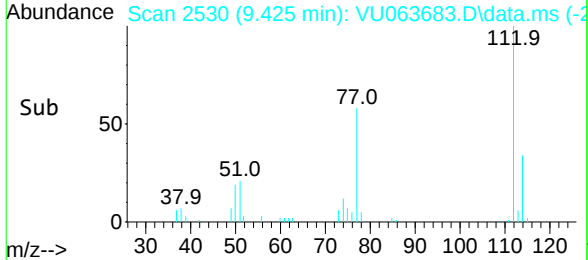
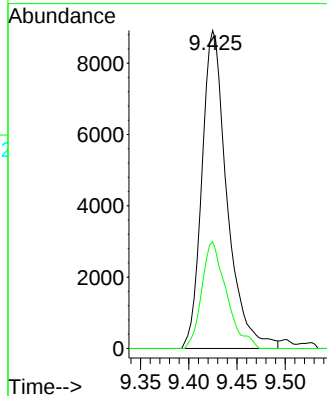
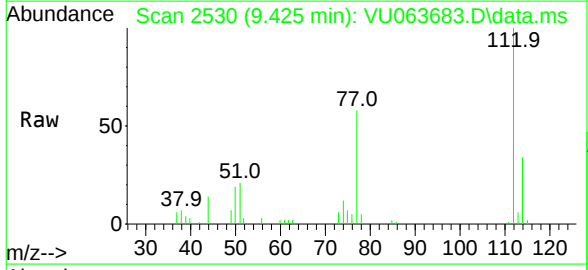




#59
Chlorobenzene
Concen: 0.322 ug/l
RT: 9.425 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

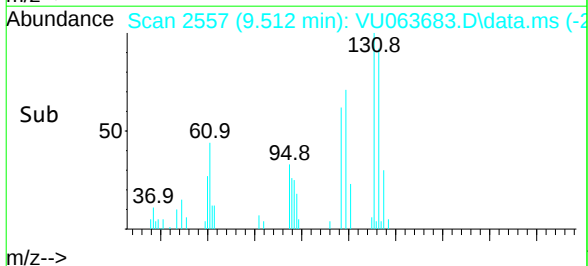
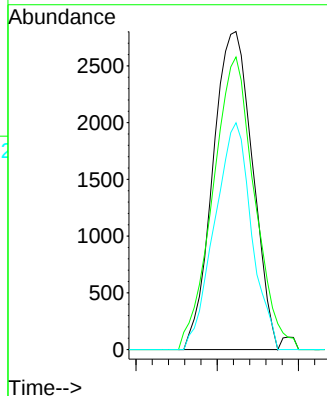
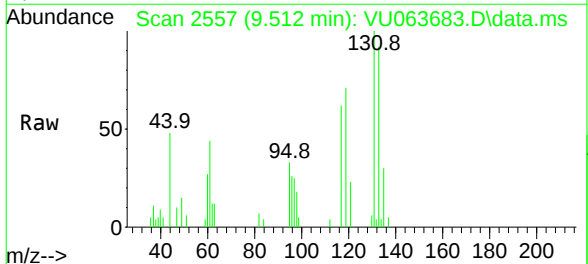
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2025

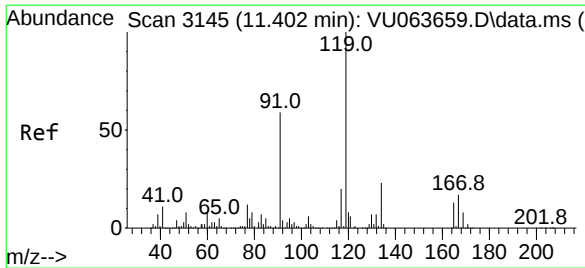
Tgt Ion:112 Resp: 16177
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#60
1,1,1,2-Tetrachloroethane
Concen: 0.270 ug/l
RT: 9.512 min Scan# 2557
Delta R.T. 0.003 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:131 Resp: 4751
Ion Ratio Lower Upper
131 100
133 96.4 77.0 115.6
119 66.5 52.8 79.2

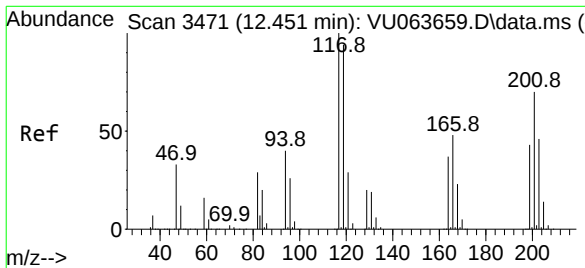
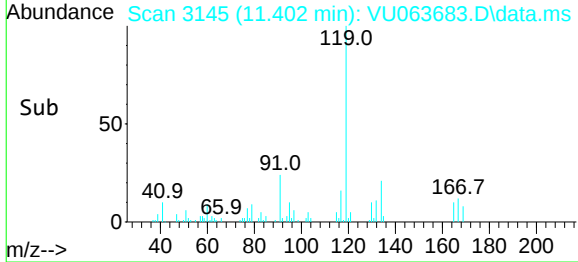
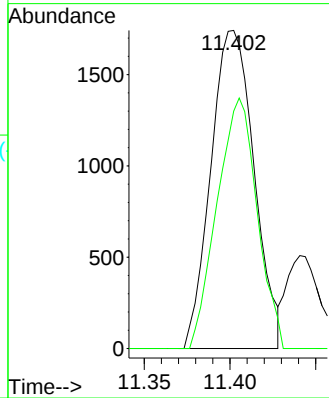
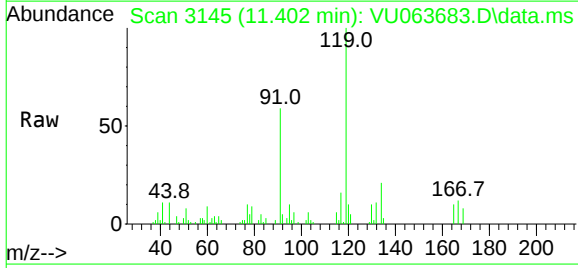




#61
Pentachloroethane
Concen: 0.251 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

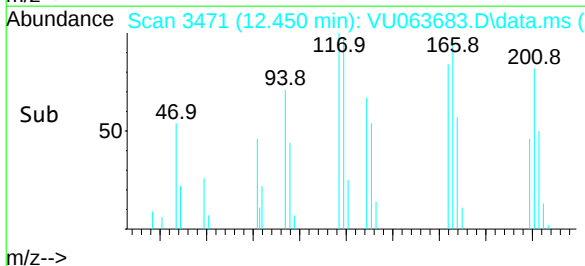
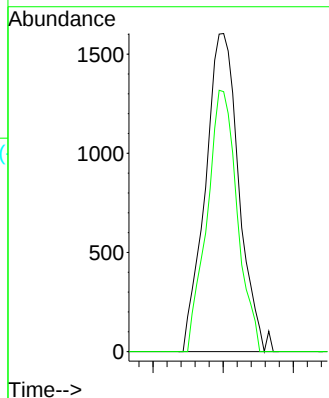
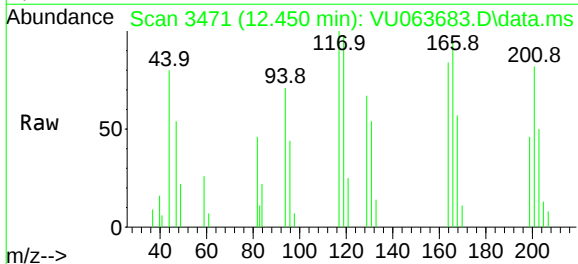
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

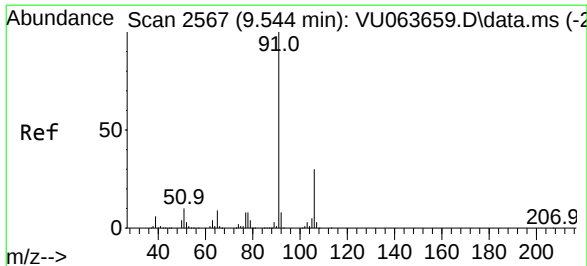
Tgt Ion:117 Resp: 3056
Ion Ratio Lower Upper
117 100
167 72.8 62.8 94.2



#62
Hexachloroethane
Concen: 0.200 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:117 Resp: 2672
Ion Ratio Lower Upper
117 100
201 73.8 56.3 84.5





#63

Ethyl Benzene

Concen: 0.303 ug/l

RT: 9.547 min Scan# 25

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

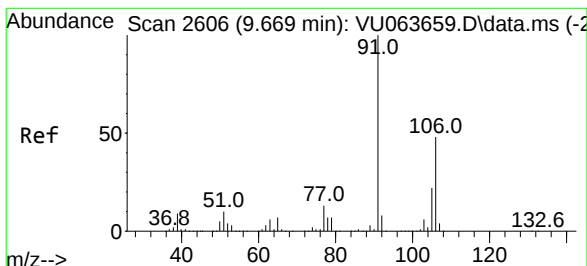
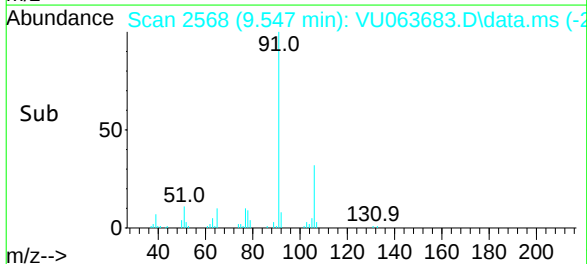
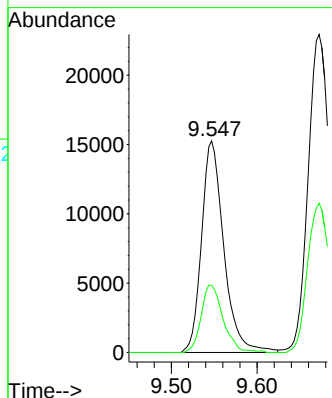
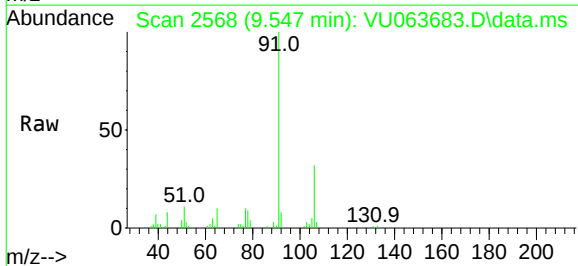
MDL-WATER-03-QT4-2025

Tgt Ion: 91 Resp: 27565

Ion Ratio Lower Upper

91 100

106 31.7 24.1 36.1



#64

m/p-Xylenes

Concen: 0.617 ug/l

RT: 9.672 min Scan# 2607

Delta R.T. 0.003 min

Lab File: VU063683.D

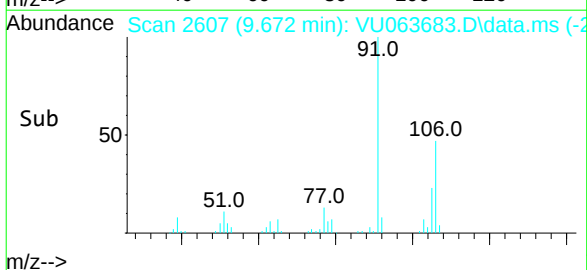
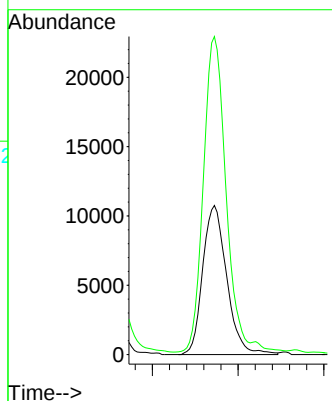
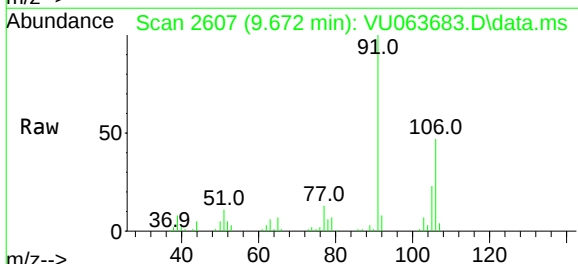
Acq: 07 Nov 2025 13:28

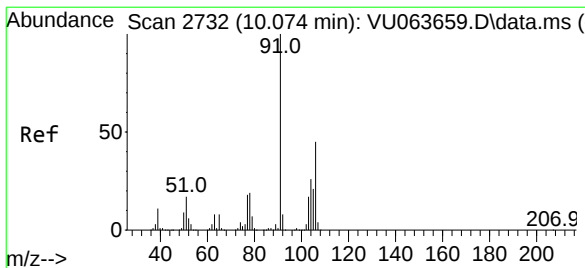
Tgt Ion: 106 Resp: 20950

Ion Ratio Lower Upper

106 100

91 196.0 167.0 250.4





#65

o-Xylene

Concen: 0.299 ug/l

RT: 10.081 min Scan# 2734

Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

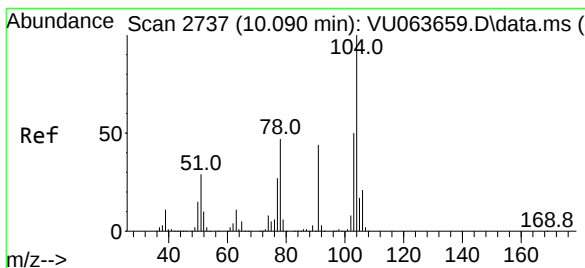
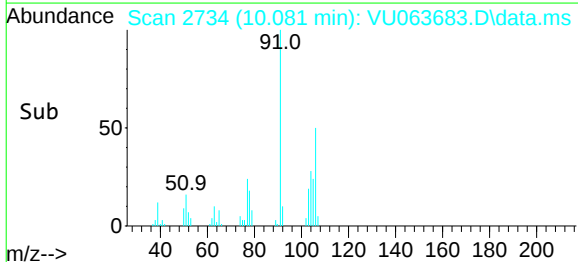
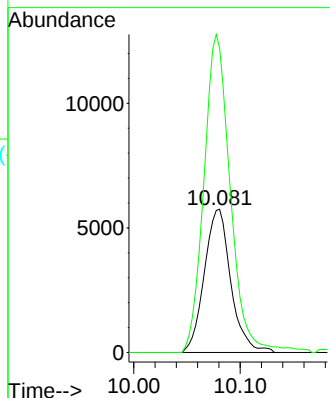
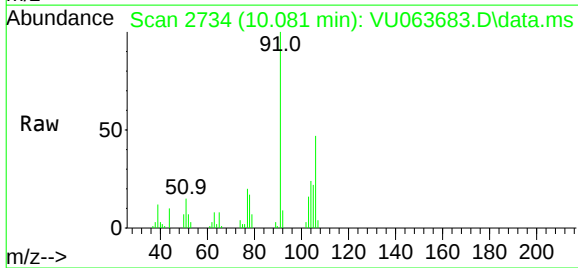
MDL-WATER-03-QT4-2025

Tgt Ion:106 Resp: 9935

Ion Ratio Lower Upper

106 100

91 222.2 109.3 327.9



#66

Styrene

Concen: 0.275 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

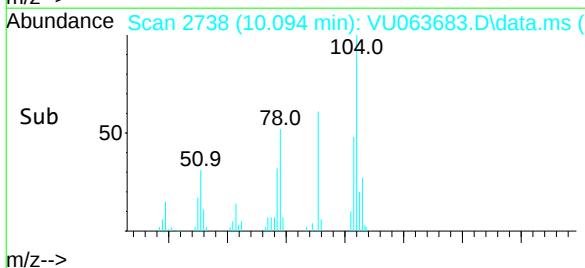
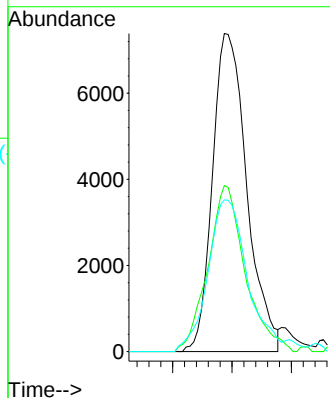
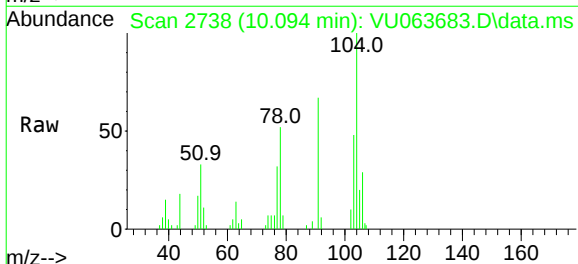
Tgt Ion:104 Resp: 14842

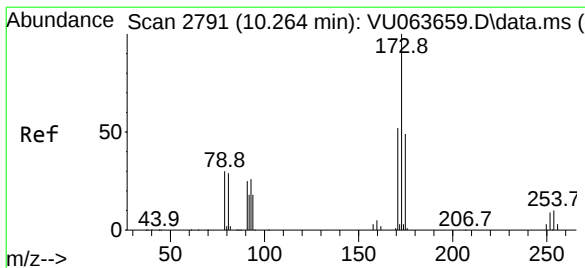
Ion Ratio Lower Upper

104 100

78 56.6 42.8 64.2

103 54.4 43.9 65.9





#67

Bromoform

Concen: 0.207 ug/l

RT: 10.270 min Scan# 27

Delta R.T. 0.006 min

Lab File: VU063683.D

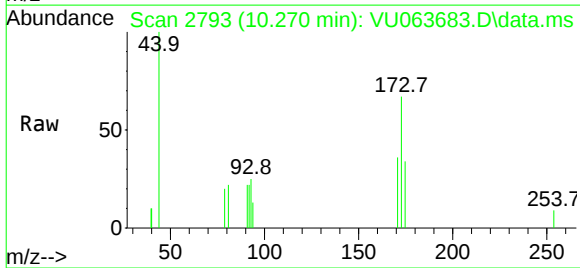
Acq: 07 Nov 2025 13:28

Instrument :

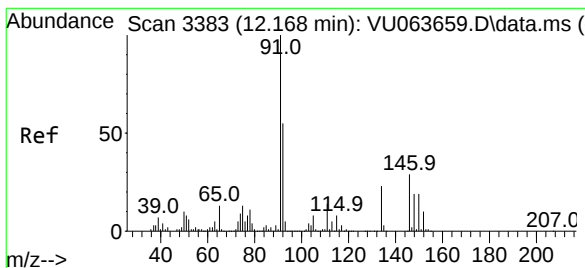
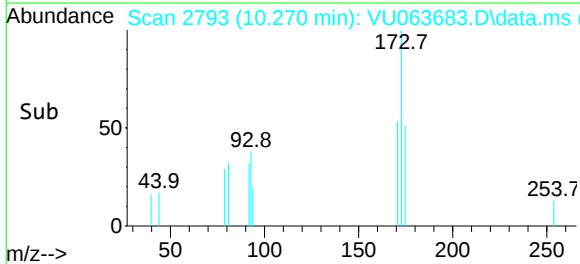
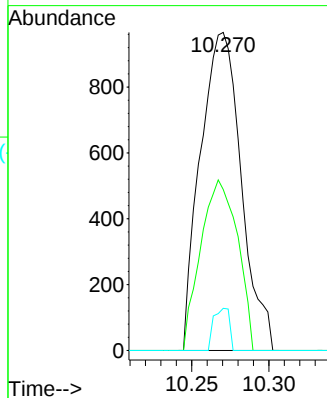
MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:	173	Resp:	1775
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	5.1	7.4	11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.942 ug/l

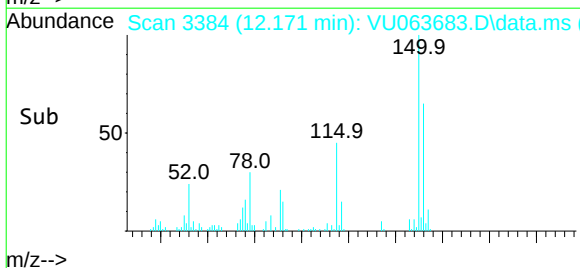
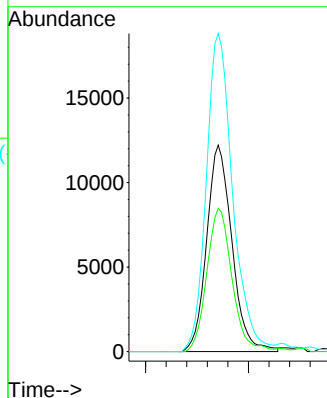
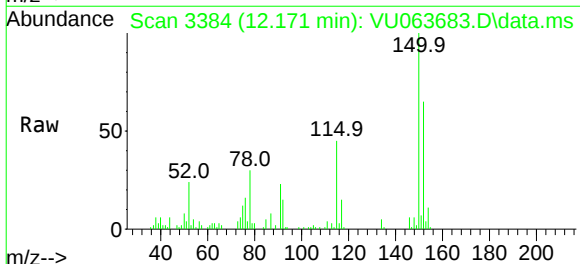
RT: 12.171 min Scan# 3384

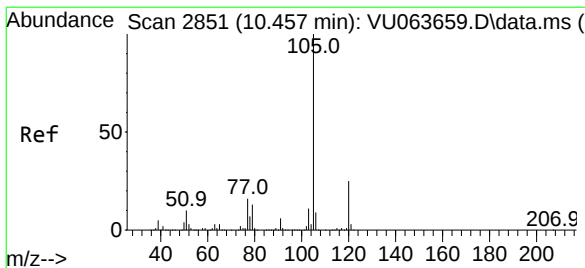
Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	152	Resp:	20864
Ion	Ratio	Lower	Upper
152	100		
115	68.9	0.0	247.2
150	160.8	0.0	643.6





#69

Isopropylbenzene

Concen: 0.299 ug/l

RT: 10.460 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

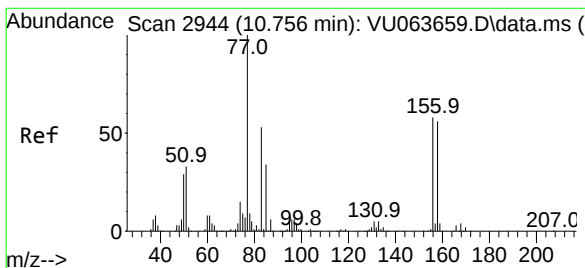
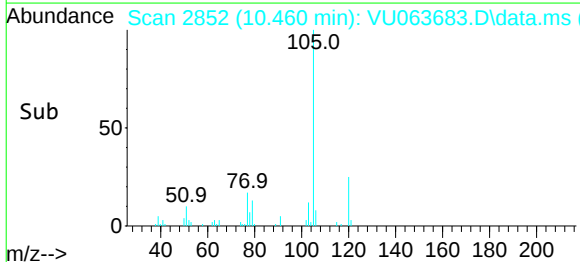
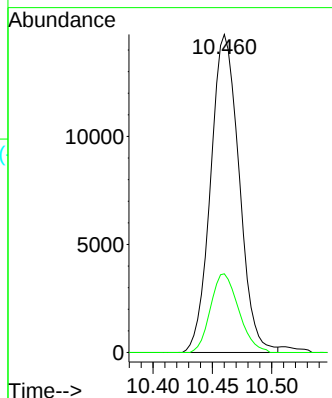
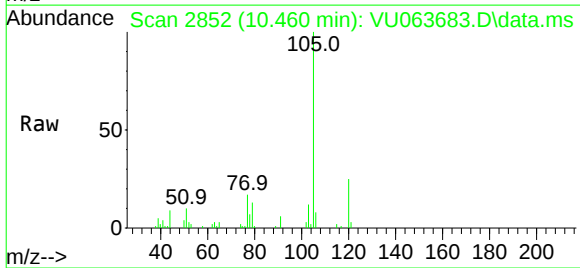
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 24576

Ion Ratio Lower Upper

105 100

120 24.5 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.297 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

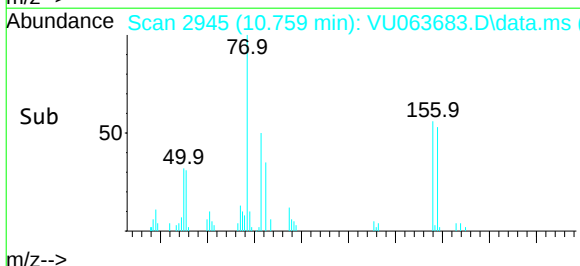
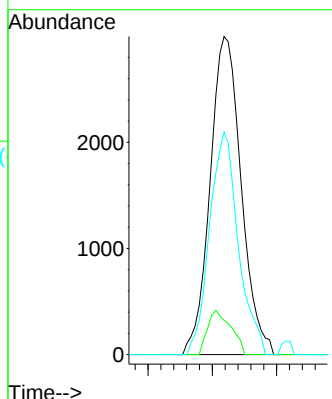
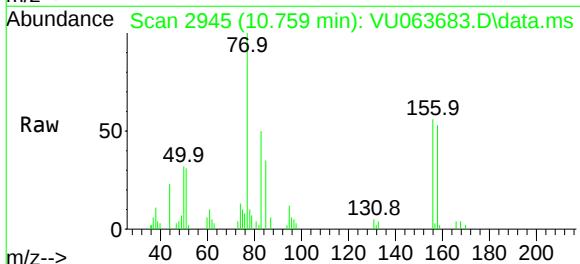
Tgt Ion: 83 Resp: 5045

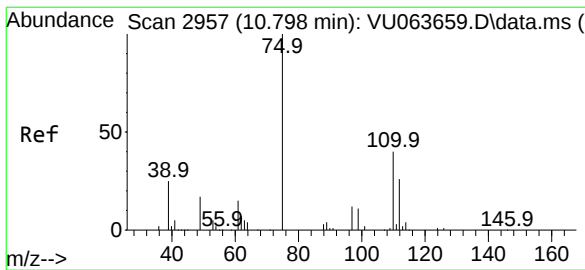
Ion Ratio Lower Upper

83 100

131 10.4 8.1 12.1

85 64.5 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 0.375 ug/l

RT: 10.798 min Scan# 29

Delta R.T. -0.000 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion: 75 Resp: 5535

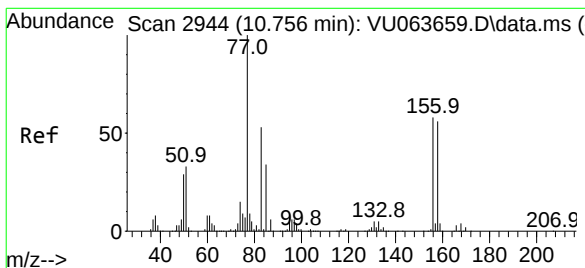
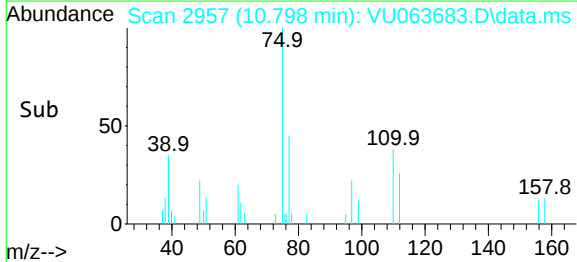
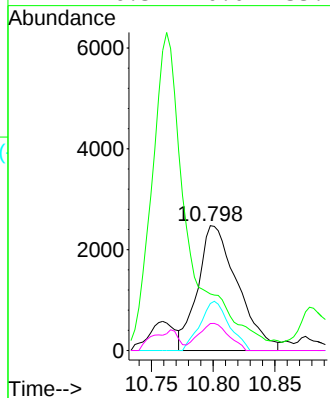
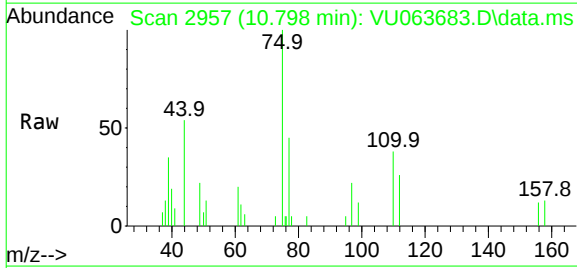
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 28.7 0.0 66.4

97 16.3 0.0 33.2



#72

Bromobenzene

Concen: 0.331 ug/l

RT: 10.766 min Scan# 2947

Delta R.T. 0.009 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

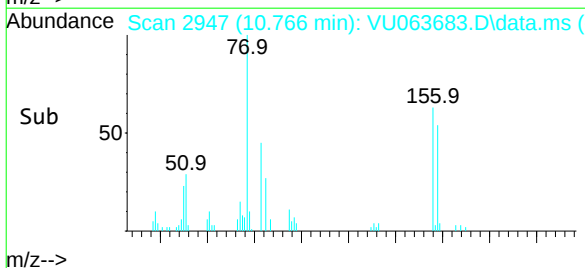
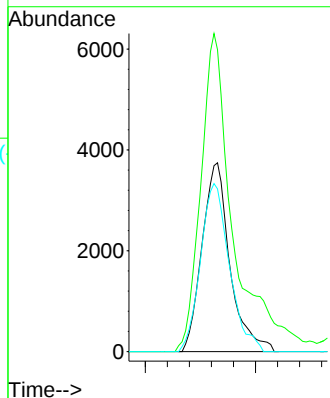
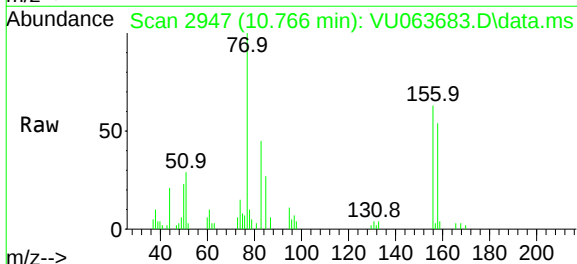
Tgt Ion: 156 Resp: 6584

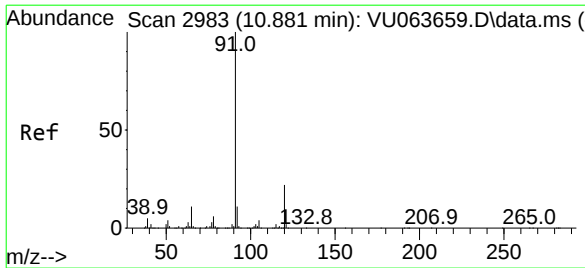
Ion Ratio Lower Upper

156 100

77 197.8 0.0 337.2

158 92.0 0.0 191.8





#73

n-propylbenzene

Concen: 0.307 ug/l

RT: 10.884 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

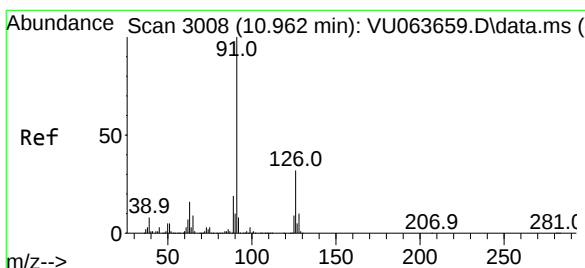
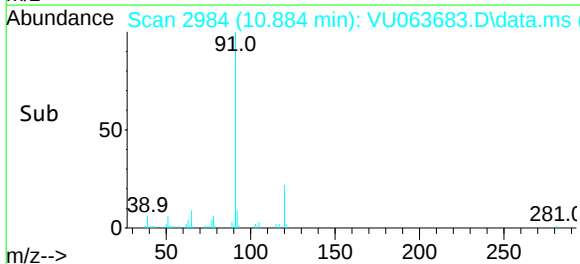
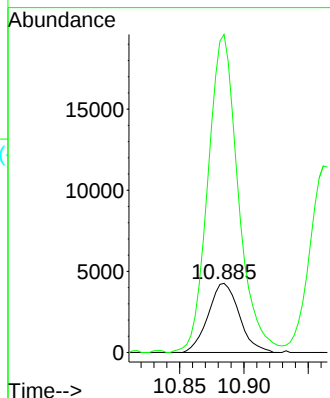
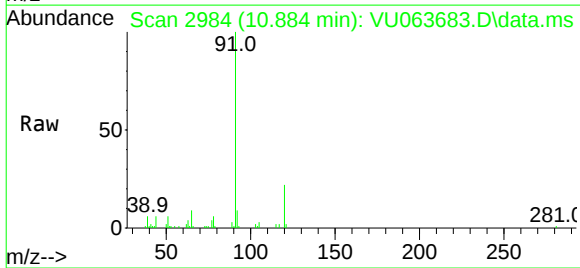
MDL-WATER-03-QT4-2025

Tgt Ion:120 Resp: 7171

Ion Ratio Lower Upper

120 100

91 448.6 361.4 542.2



#74

2-Chlorotoluene

Concen: 0.303 ug/l

RT: 10.965 min Scan# 3009

Delta R.T. 0.003 min

Lab File: VU063683.D

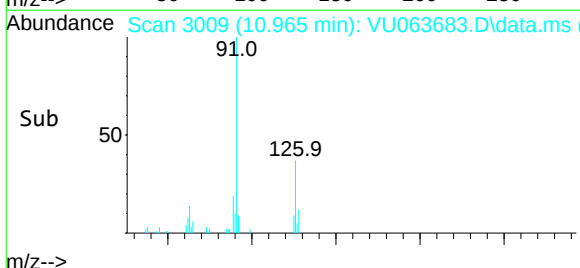
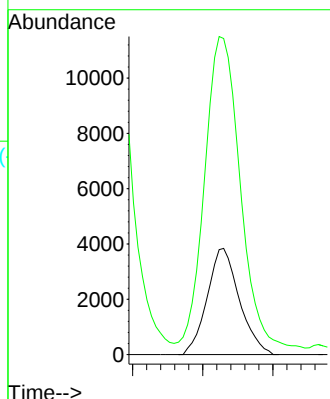
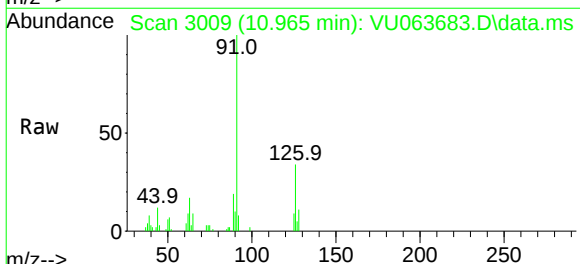
Acq: 07 Nov 2025 13:28

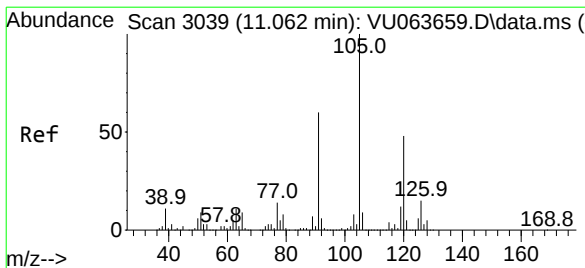
Tgt Ion:126 Resp: 6125

Ion Ratio Lower Upper

126 100

91 326.5 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.287 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

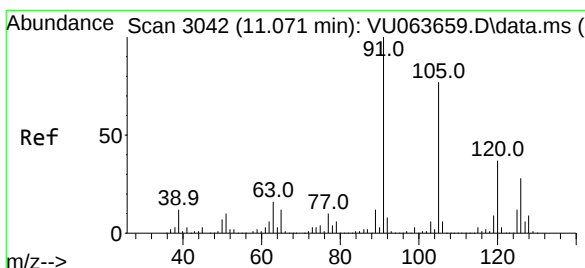
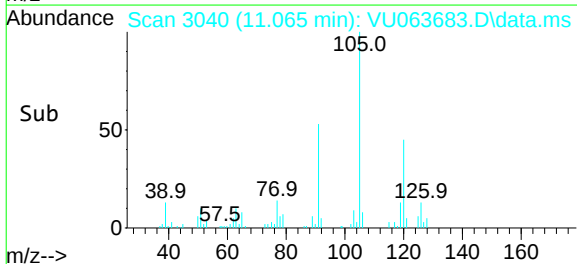
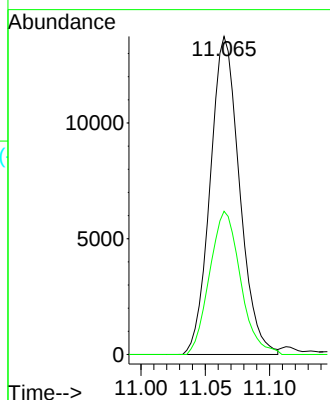
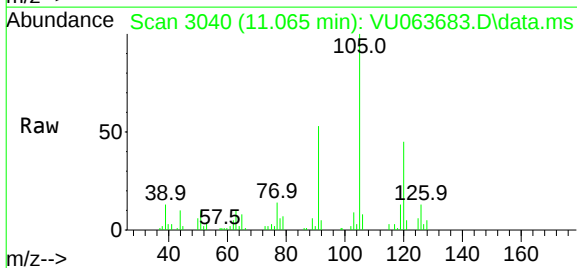
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 21816

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.332 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU063683.D

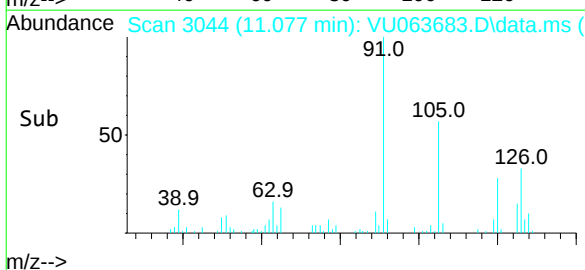
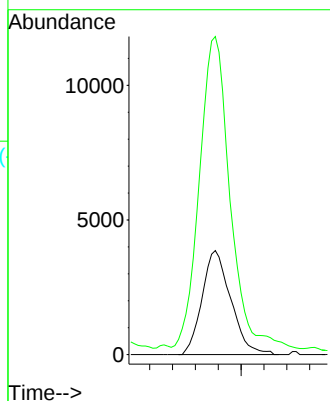
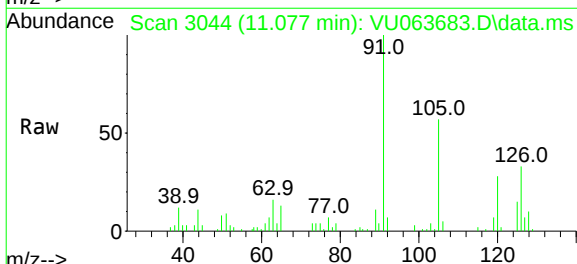
Acq: 07 Nov 2025 13:28

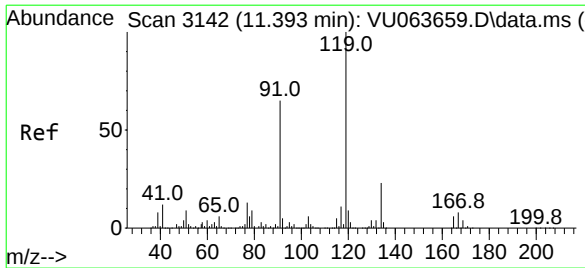
Tgt Ion:126 Resp: 6755

Ion Ratio Lower Upper

126 100

91 322.3 0.0 716.6

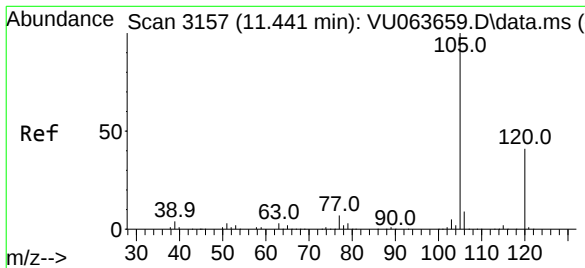
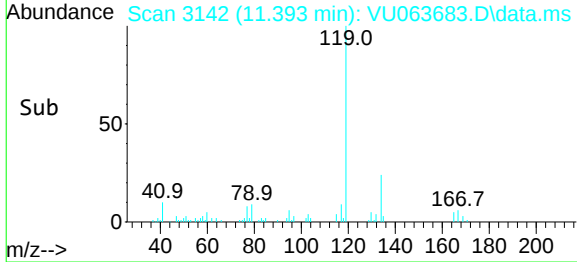
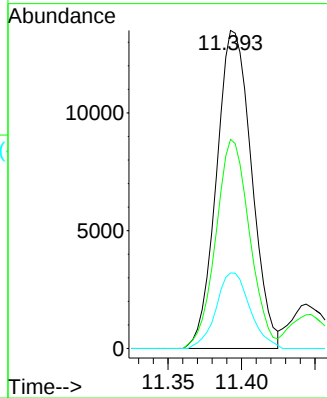
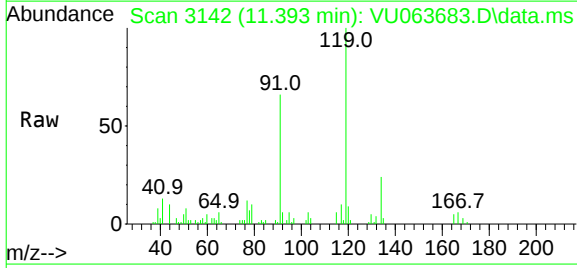




#77
tert-Butylbenzene
Concen: 0.301 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

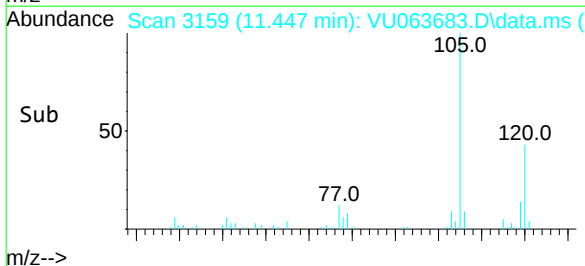
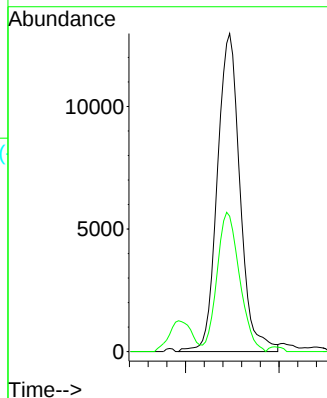
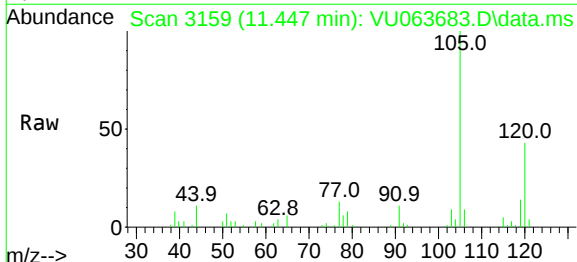
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

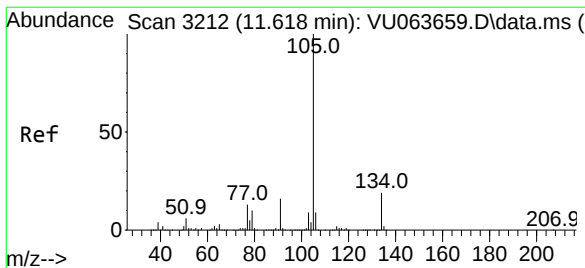
Tgt Ion:	119	Resp:	22430
Ion Ratio	Lower	Upper	
119	100		
91	63.4	31.3	93.8
134	22.9	18.7	28.1



#78
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 11.447 min Scan# 3159
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	105	Resp:	21905
Ion Ratio	Lower	Upper	
105	100		
120	43.4	22.4	67.0





#79

sec-Butylbenzene

Concen: 0.306 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Instrument :

MSVOA_U

ClientSampleId :

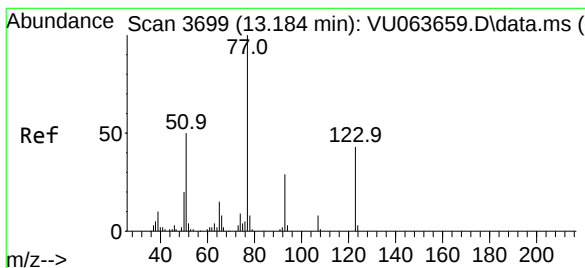
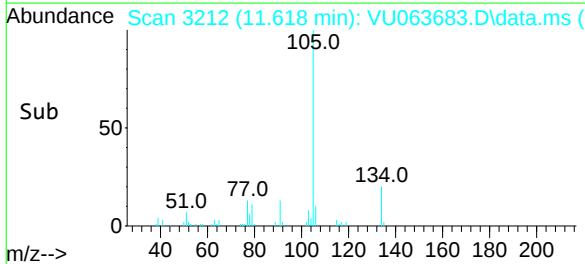
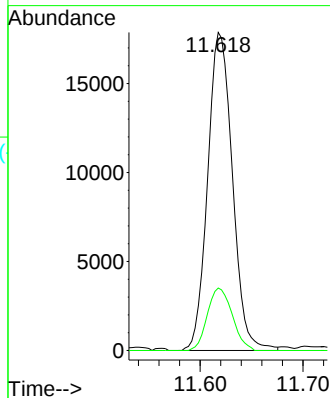
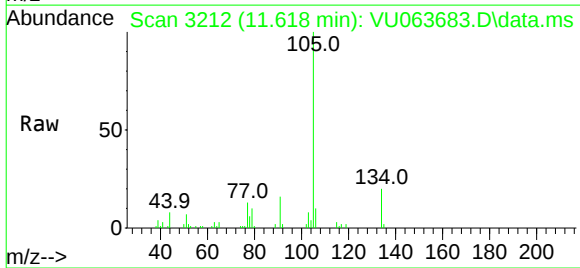
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 29934

Ion Ratio Lower Upper

105 100

134 19.7 15.7 23.5



#80

Nitrobenzene

Concen: 0.688 ug/l

RT: 13.196 min Scan# 3703

Delta R.T. 0.013 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

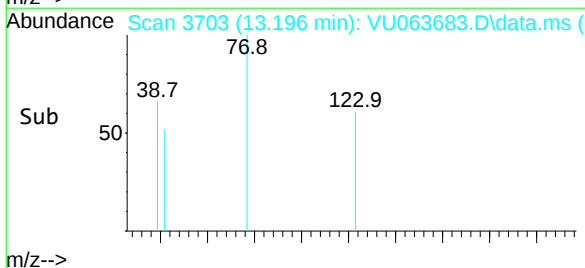
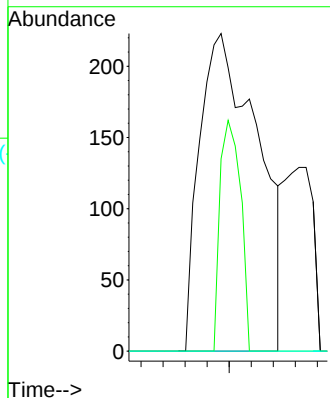
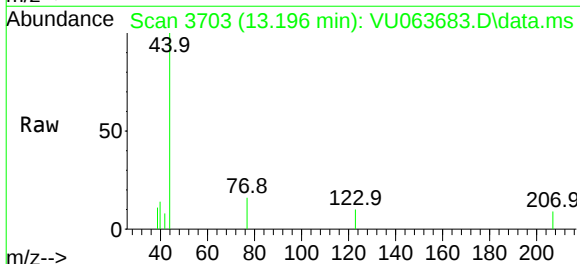
Tgt Ion: 77 Resp: 411

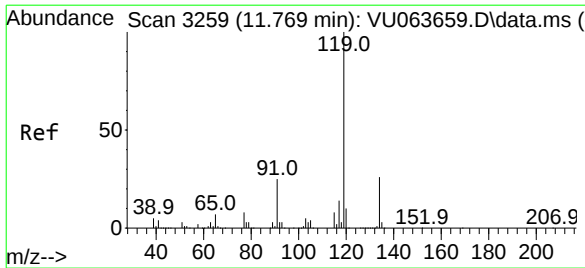
Ion Ratio Lower Upper

77 100

123 25.5 18.2 64.4

65 0.0 13.6 17.2#

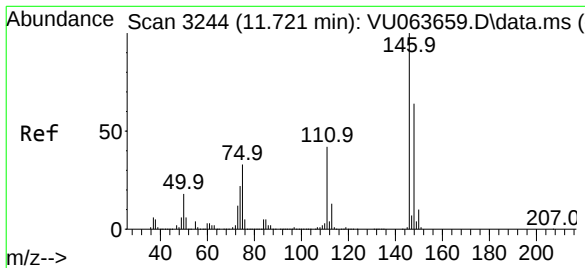
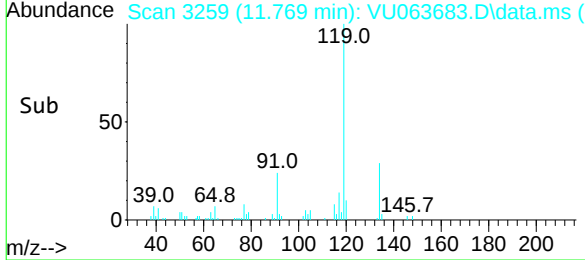
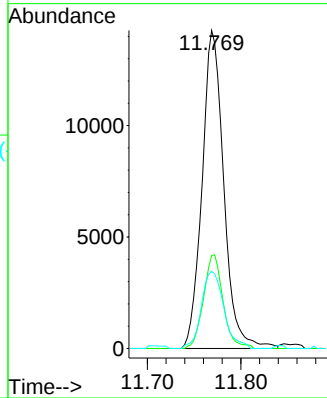
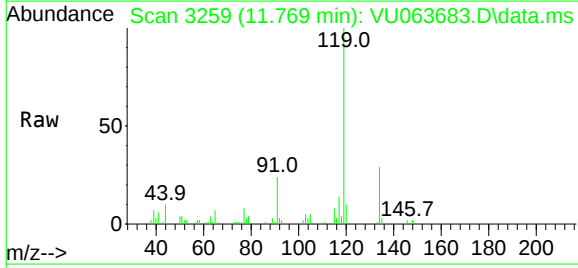




#81
p-Isopropyltoluene
Concen: 0.287 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

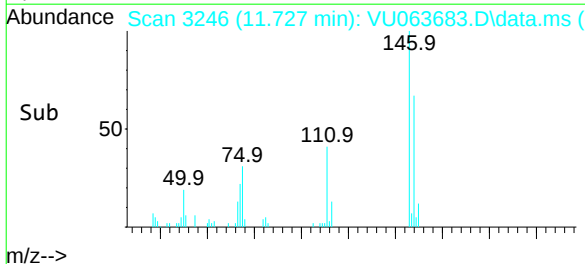
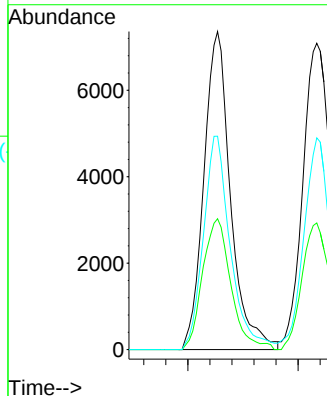
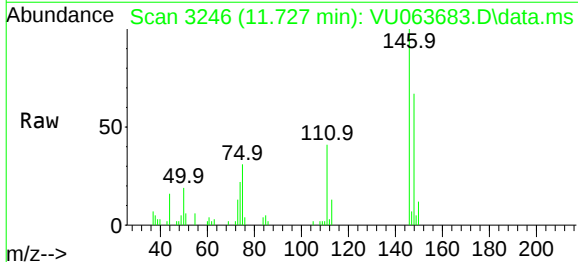
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

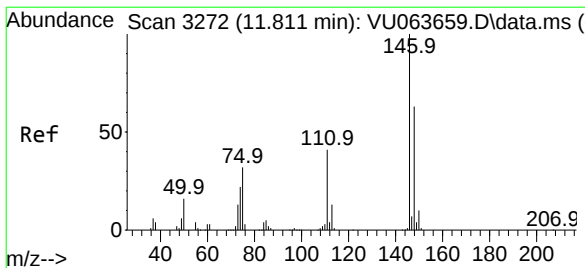
Tgt Ion:	119	Resp:	23005
Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.3	30.5
91	25.1	20.1	30.1



#82
1,3-Dichlorobenzene
Concen: 0.321 ug/l
RT: 11.727 min Scan# 3246
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	146	Resp:	12368
Ion	Ratio	Lower	Upper
146	100		
111	43.5	33.8	50.8
148	67.6	50.8	76.2





#83

1,4-Dichlorobenzene

Concen: 0.338 ug/l

RT: 11.817 min Scan# 3272

Delta R.T. 0.006 min

Lab File: VU063683.D

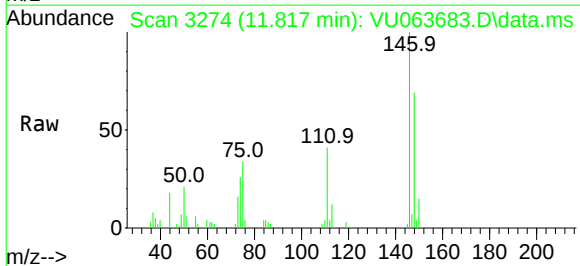
Acq: 07 Nov 2025 13:28

Instrument :

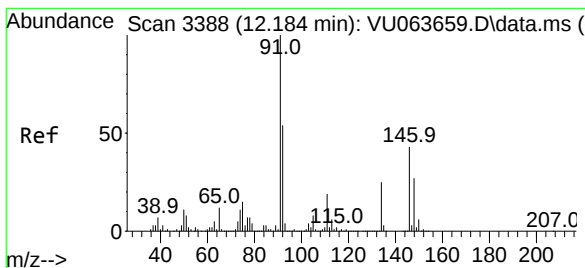
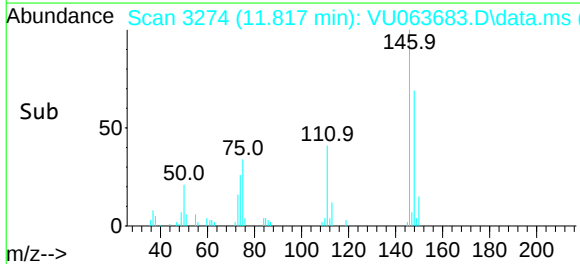
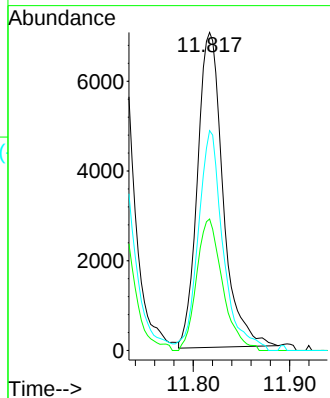
MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025



Tgt Ion:	146	Resp:	12939
Ion	Ratio	Lower	Upper
146	100		
111	42.3	33.0	49.4
148	67.9	50.6	76.0



#84

n-Butylbenzene

Concen: 0.301 ug/l

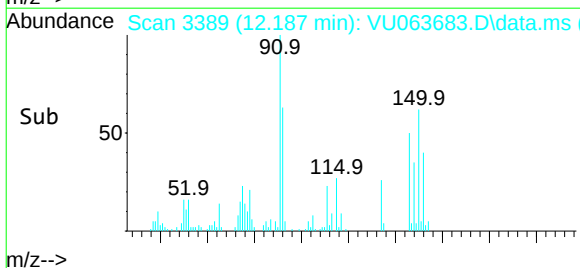
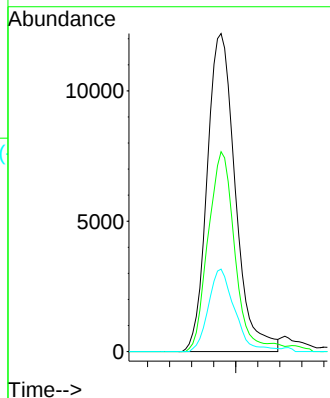
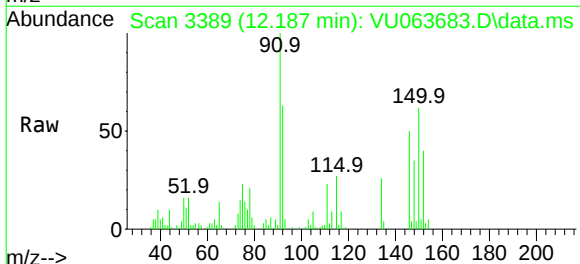
RT: 12.187 min Scan# 3389

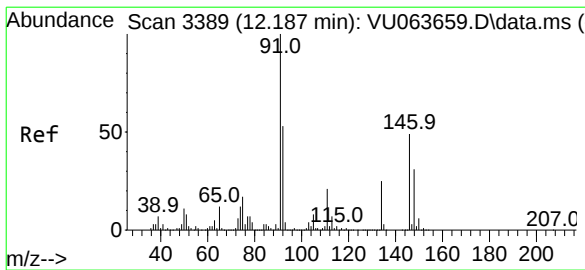
Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	91	Resp:	21658
Ion	Ratio	Lower	Upper
91	100		
92	58.8	43.1	64.7
134	24.3	19.7	29.5





#85

1,2-Dichlorobenzene

Concen: 0.327 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

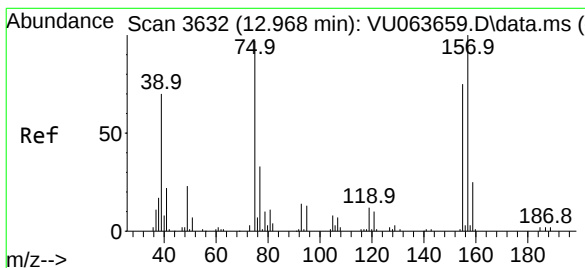
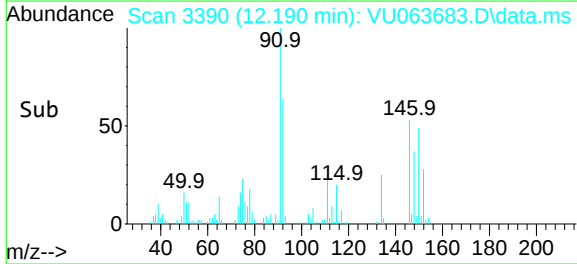
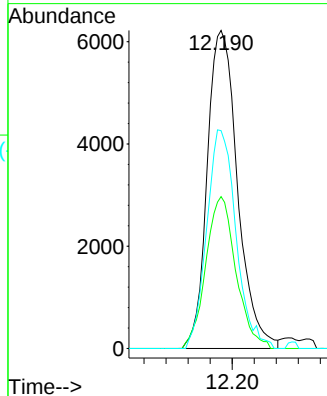
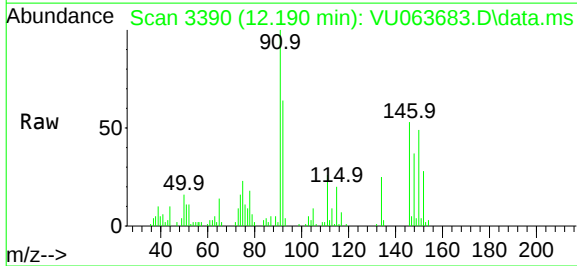
Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:	146	Resp:	11894
Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.2	66.6
148	66.4	31.9	95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.165 ug/l

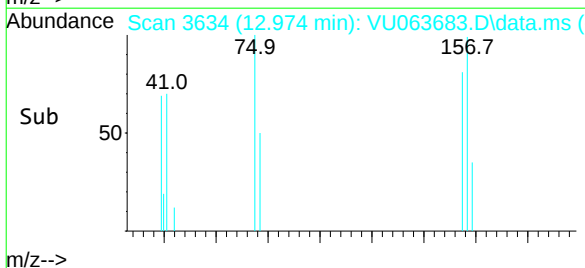
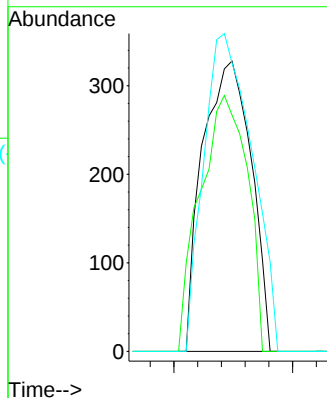
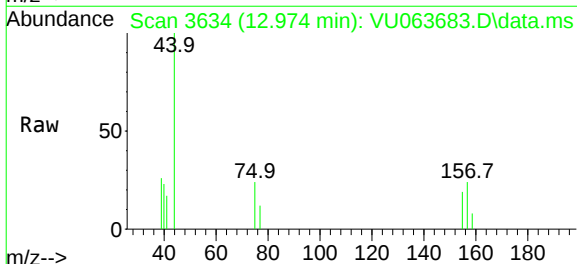
RT: 12.974 min Scan# 3634

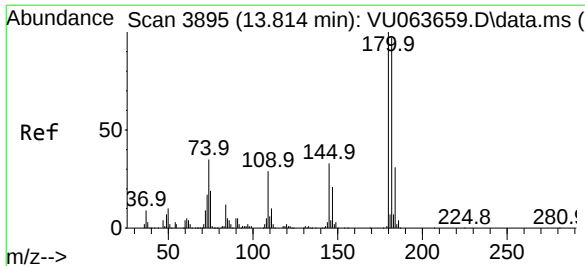
Delta R.T. 0.006 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	75	Resp:	465
Ion	Ratio	Lower	Upper
75	100		
155	86.2	62.2	93.4
157	109.5	81.3	121.9

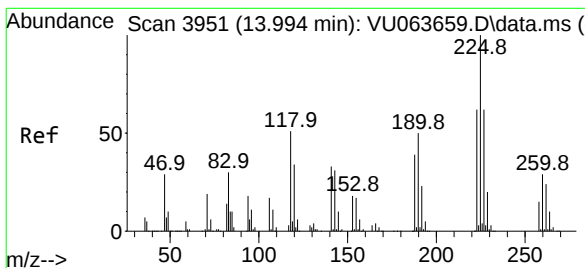
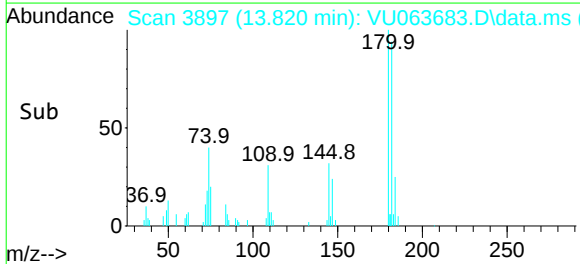
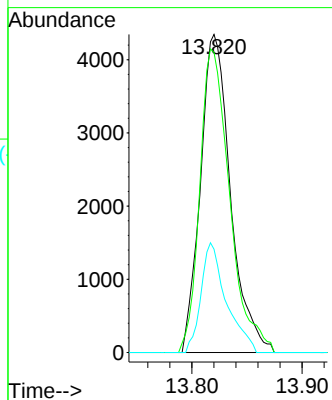
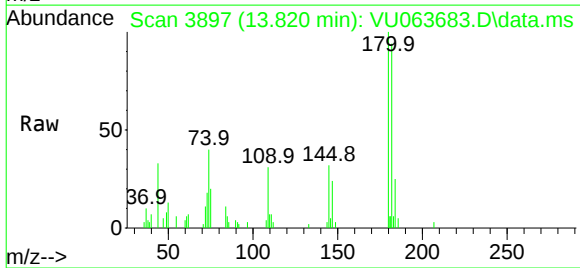




#87
1,2,4-Trichlorobenzene
Concen: 0.367 ug/l
RT: 13.820 min Scan# 3895
Delta R.T. 0.006 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

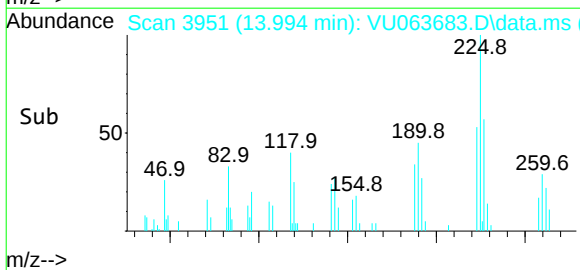
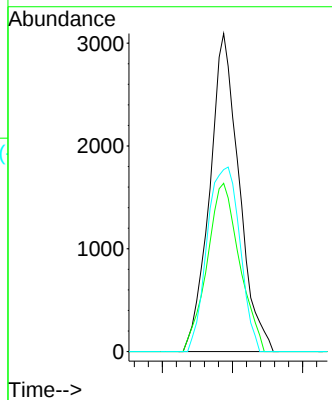
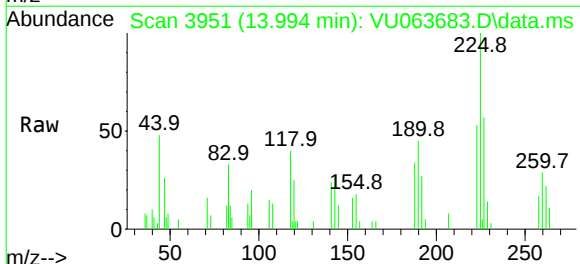
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2025

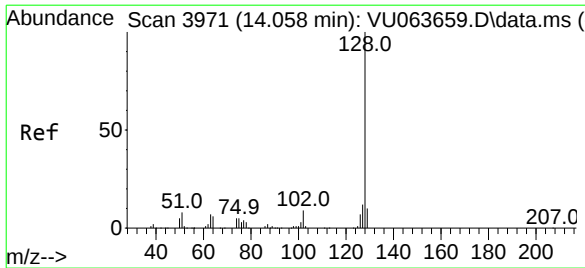
Tgt Ion:	180	Resp:	8228
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.4	114.6
145	29.1	26.2	39.2



#88
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063683.D
Acq: 07 Nov 2025 13:28

Tgt Ion:	225	Resp:	4498
Ion Ratio	Lower	Upper	
225	100		
223	58.4	50.2	75.4
227	64.7	50.0	75.0





#89

Naphthalene

Concen: 0.396 ug/l

RT: 14.068 min Scan# 39

Delta R.T. 0.009 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

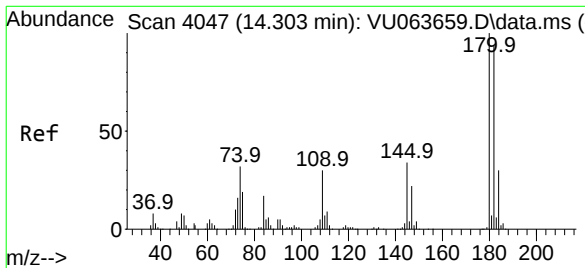
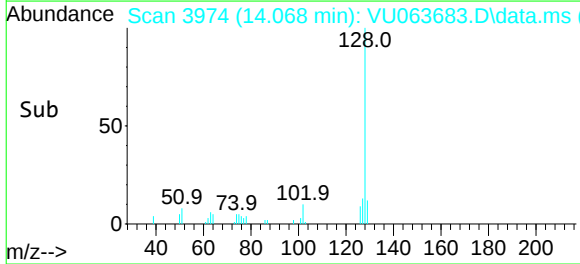
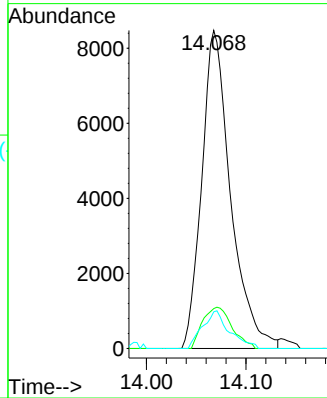
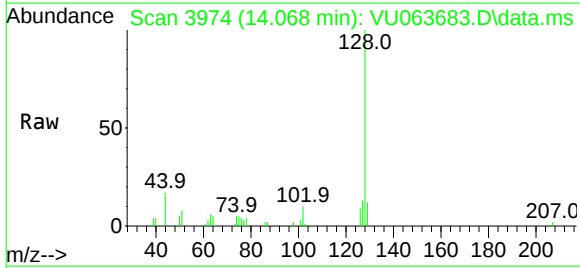
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion:	128	Resp:	17092
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	11.0	8.6	12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.388 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063683.D

Acq: 07 Nov 2025 13:28

Tgt Ion:	180	Resp:	7950
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.4	113.0
145	33.0	27.4	41.2

