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 Data File : VU063455.D
 Acq On : 25 Jun 2025 13:02
 Operator : MD/SY
 Sample : Q2126-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 26 01:55:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	48341	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13929	0.785	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14010	0.786	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4164	0.224	ug/l	93
3) Chloromethane	1.518	50	6425	0.263	ug/l	94
4) Vinyl Chloride	1.599	62	4665	0.223	ug/l	97
5) Bromomethane	1.849	94	3489	0.348	ug/l	96
6) Chloroethane	1.927	64	3259	0.263	ug/l	95
7) Trichlorofluoromethane	2.129	101	5542	0.232	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3067	0.241	ug/l	94
9) 1,1-Dichloroethene	2.567	96	3080	0.243	ug/l	97
10) Iodomethane	2.708	142	2116	0.207	ug/l	99
11) Allyl Chloride	2.911	41	5636	0.249	ug/l	94
12) Acrylonitrile	3.309	53	1692	0.461	ug/l	92
13) Acetone	2.624	43	3203	0.871	ug/l	99
14) Carbon Disulfide	2.776	76	10561	0.239	ug/l	# 92
15) Methylene Chloride	3.030	84	6710	0.417	ug/l	97
16) trans-1,2-Dichloroethene	3.332	96	3669	0.257	ug/l	91
17) 1,1-Dichloroethane	3.846	63	6700	0.223	ug/l	# 93
18) 2-Butanone	4.724	43	4931	0.963	ug/l	97
19) Cyclohexane	5.357	56	5365	0.236	ug/l	96
20) Methylcyclohexane	6.746	83	3898	0.185	ug/l	89
21) 2,2-Dichloropropane	4.640	77	4885	0.229	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	3966	0.254	ug/l	86
23) Diethyl Ether	2.374	59	2613	0.228	ug/l	# 87
24) tert-Butyl Alcohol	3.200	59	3429	2.842	ug/l	# 80
25) Methyl tert-Butyl Ether	3.361	73	7678	0.222	ug/l	93
26) Bromochloromethane	4.952	128	1235	0.204	ug/l	92
27) Chloroform	5.074	83	6711	0.239	ug/l	99
28) 1,1,1-Trichloroethane	5.287	97	5182	0.227	ug/l	96
29) 1,1-Dichloropropene	5.505	75	4629	0.222	ug/l	# 84
30) Carbon Tetrachloride	5.499	117	3935	0.216	ug/l	97
31) Isopropyl Ether	3.997	45	10073	0.215	ug/l	83
32) Ethyl-t-butyl ether	4.509	59	9230	0.232	ug/l	98
33) Tert-Amyl methyl ether	5.949	73	5753	0.202	ug/l	95
34) Propionitrile	4.785	54	1847	1.248	ug/l	# 85
35) Benzene	5.759	78	14712	0.234	ug/l	97
36) 1,2-Dichloroethane	5.785	62	4000	0.217	ug/l	# 88
37) Trichloroethene	6.534	130	3420	0.230	ug/l	100
38) 1,2-Dichloropropane	6.785	63	3977	0.229	ug/l	91
39) Methacrylonitrile	4.968	41	531	0.086	ug/l	# 30
40) Methyl acrylate	4.859	55	2073	0.240	ug/l	# 84
41) Tetrahydrofuran	5.074	42	1597	0.482	ug/l	99
42) 1-Chlorobutane	5.438	56	7181	0.243	ug/l	93
43) Dibromomethane	6.923	93	1654	0.204	ug/l	94
44) Bromodichloromethane	7.103	83	4429	0.224	ug/l	93

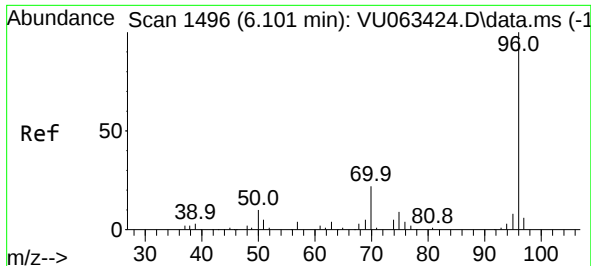
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
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Quant Time: Jun 26 01:55:48 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.807	43	8900	1.020	ug/l	91
46) t-1,4-Dichloro-2-butene	10.817	75	3898	1.359	ug/l #	42
47) Methyl methacrylate	6.984	69	1994	0.317	ug/l #	92
48) Ethyl methacrylate	8.344	69	2185	0.194	ug/l	89
49) Toluene	7.968	92	5993	0.173	ug/l	84
50) t-1,3-Dichloropropene	8.216	75	2702	0.189	ug/l	98
51) cis-1,3-Dichloropropene	7.611	75	3828	0.200	ug/l #	89
52) 1,1,2-Trichloroethane	8.393	97	2621	0.221	ug/l #	84
53) 1,3-Dichloropropane	8.573	76	4368	0.214	ug/l	100
54) 2-Hexanone	8.705	43	6516	1.113	ug/l	81
55) Dibromochloromethane	8.804	129	2439	0.199	ug/l	97
56) 1,2-Dibromoethane	8.923	107	2050	0.213	ug/l	96
58) Tetrachloroethene	8.541	164	3215	0.220	ug/l	95
59) Chlorobenzene	9.444	112	6638	0.179	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.524	131	2797	0.210	ug/l	98
61) Pentachloroethane	11.421	117	2350	0.216	ug/l	94
62) Hexachloroethane	12.463	117	2075	0.213	ug/l	86
63) Ethyl Benzene	9.563	91	11469	0.193	ug/l	90
64) m/p-Xylenes	9.692	106	8302	0.358	ug/l	89
65) o-Xylene	10.097	106	3616	0.160	ug/l	96
66) Styrene	10.116	104	6241	0.170	ug/l	97
67) Bromoform	10.290	173	1282	0.191	ug/l #	94
69) Isopropylbenzene	10.476	105	8807	0.169	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	3574	0.235	ug/l #	96
71) 1,2,3-Trichloropropane	10.817	75	3898	0.314	ug/l #	82
72) Bromobenzene	10.778	156	2818	0.192	ug/l	86
73) n-propylbenzene	10.904	120	2854	0.180	ug/l	91
74) 2-Chlorotoluene	10.978	126	2392	0.165	ug/l	86
75) 1,3,5-Trimethylbenzene	11.084	105	7886	0.155	ug/l	100
76) 4-Chlorotoluene	11.100	126	2754	0.181	ug/l	98
77) tert-Butylbenzene	11.412	119	8491	0.177	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	8392	0.164	ug/l	98
79) sec-Butylbenzene	11.637	105	11225	0.165	ug/l	98
80) Nitrobenzene	13.232	77	1260	1.820	ug/l #	46
81) p-Isopropyltoluene	11.788	119	8761	0.165	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	6441	0.212	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	6679	0.212	ug/l	97
84) n-Butylbenzene	12.206	91	10516	0.189	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	6320	0.217	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	486	0.233	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.843	180	4482	0.277	ug/l	96
88) Hexachlorobutadiene	14.013	225	2800	0.244	ug/l	96
89) Naphthalene	14.097	128	9479	0.351	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.328	180	4162	0.258	ug/l	98

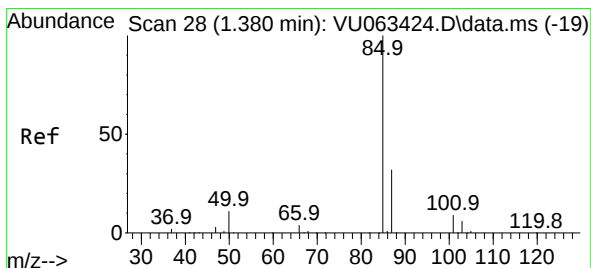
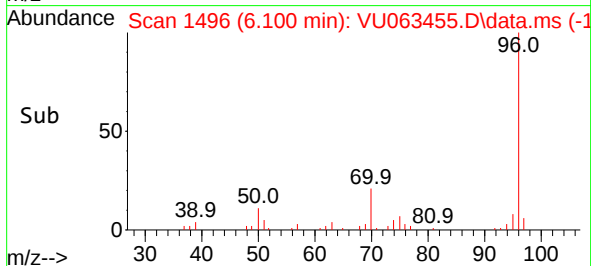
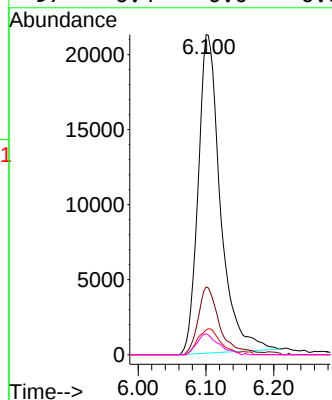
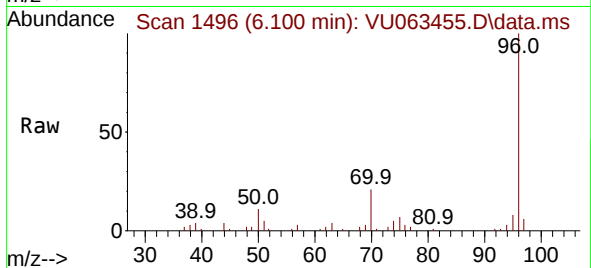
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU063455.D
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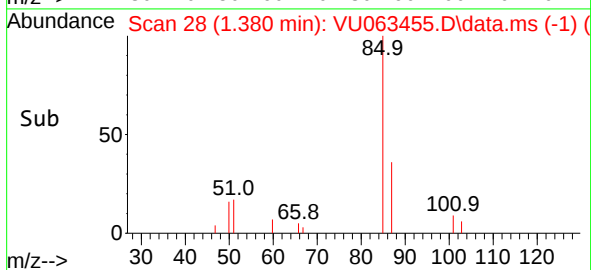
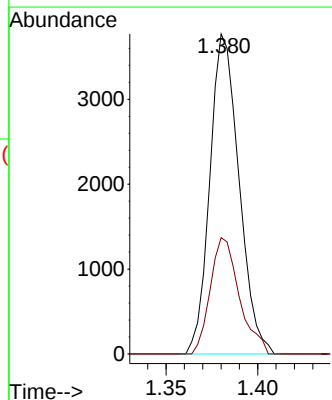
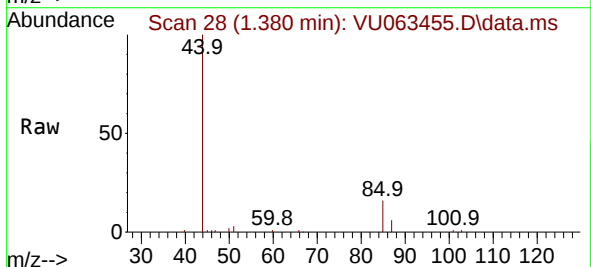
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

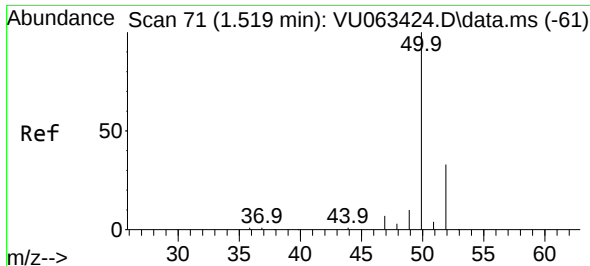
Tgt Ion: 96	Resp: 48341
Ion Ratio	Lower Upper
96 100	
70 19.6	16.4 24.6
95 7.5	6.2 9.2
97 6.4	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.224 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 85	Resp: 4164
Ion Ratio	Lower Upper
85 100	
87 36.3	16.2 48.5

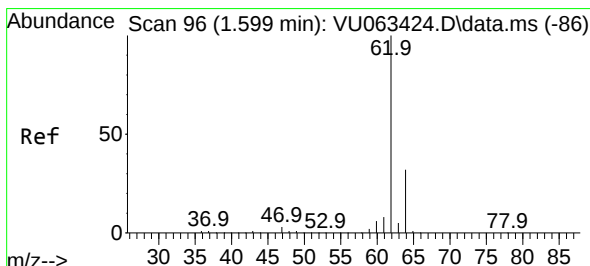
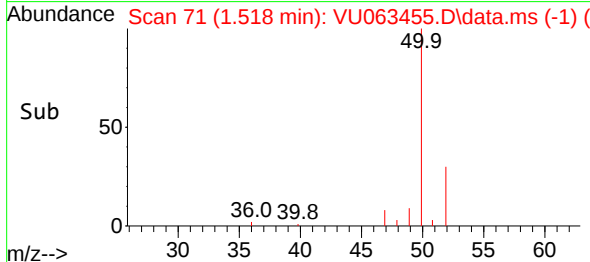
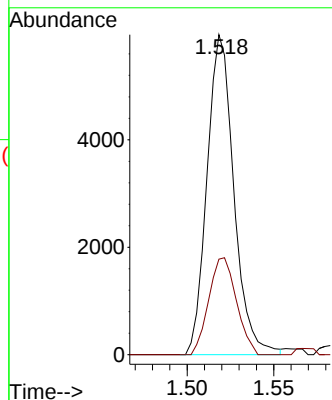
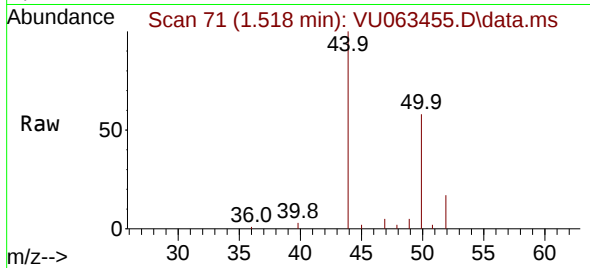




#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

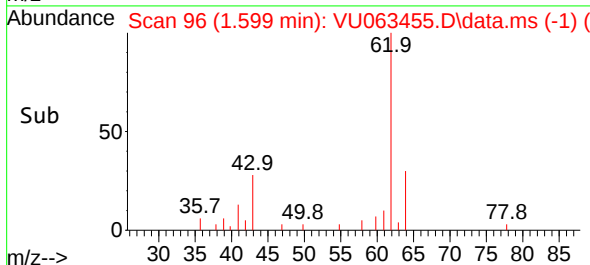
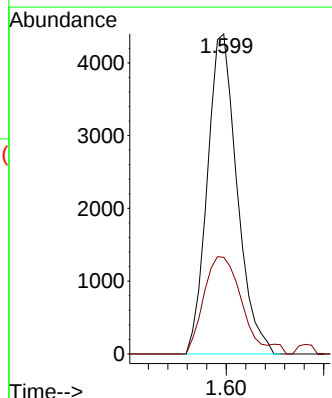
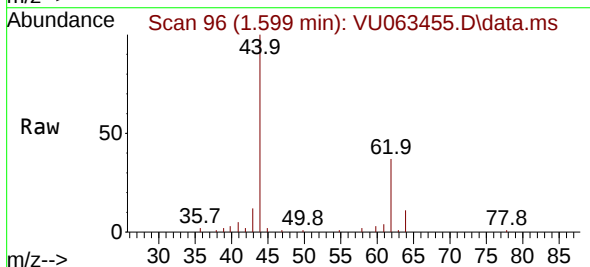
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MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

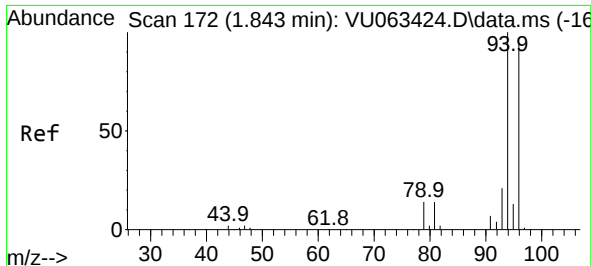
Tgt Ion: 50 Resp: 6425
Ion Ratio Lower Upper
50 100
52 29.8 26.6 40.0



#4
Vinyl Chloride
Concen: 0.223 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 62 Resp: 4665
Ion Ratio Lower Upper
62 100
64 30.2 25.7 38.5

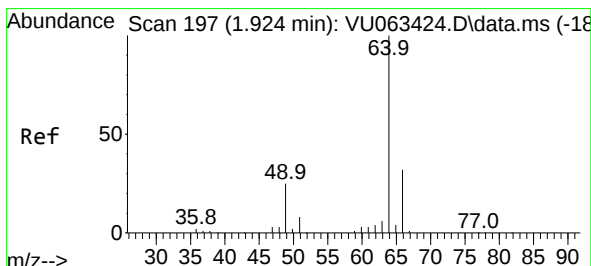
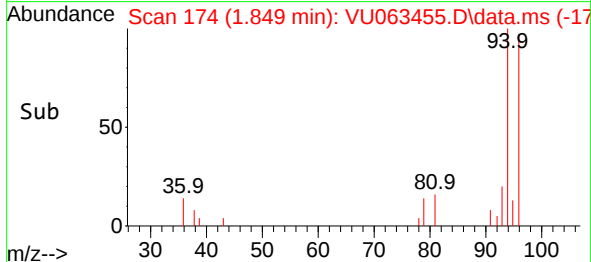
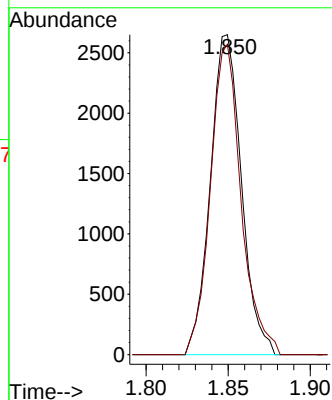
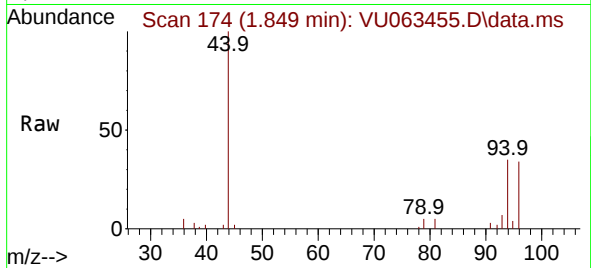




#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

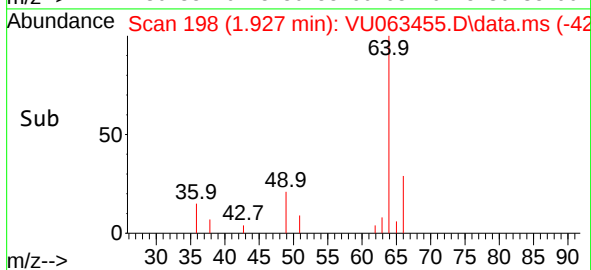
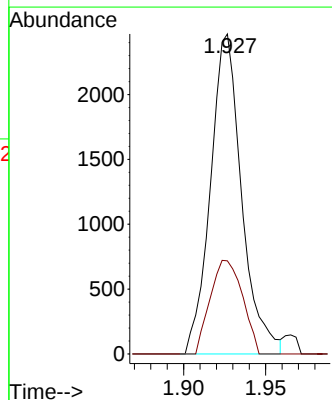
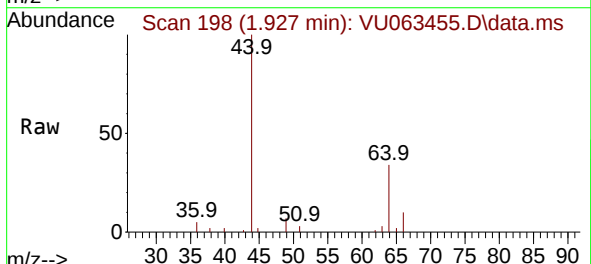
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2025

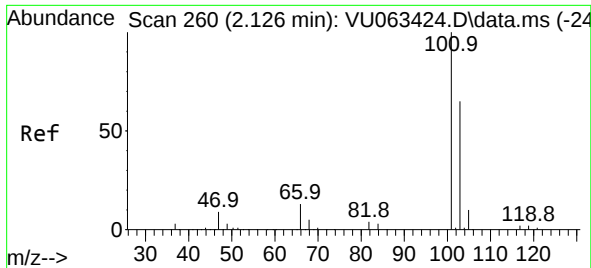
Tgt Ion: 94 Resp: 3489
Ion Ratio Lower Upper
94 100
96 97.0 74.8 112.2



#6
Chloroethane
Concen: 0.263 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 64 Resp: 3259
Ion Ratio Lower Upper
64 100
66 29.1 25.7 38.5

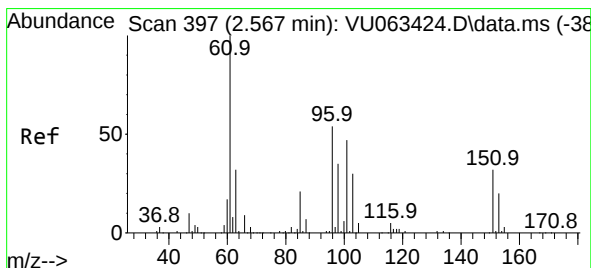
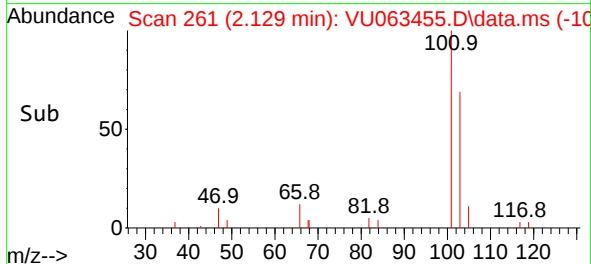
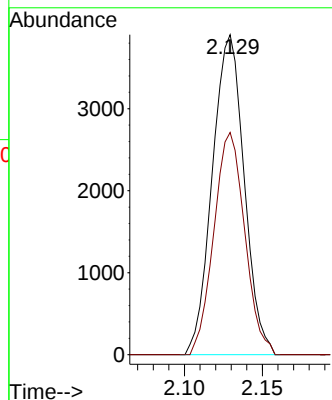
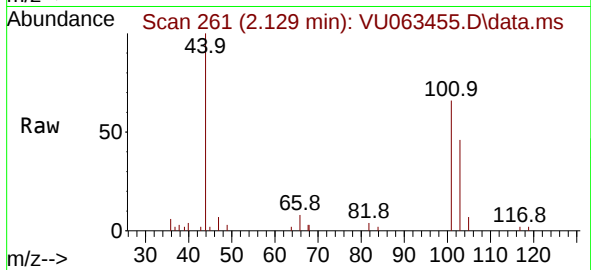




#7
 Trichlorofluoromethane
 Concen: 0.232 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. 0.003 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

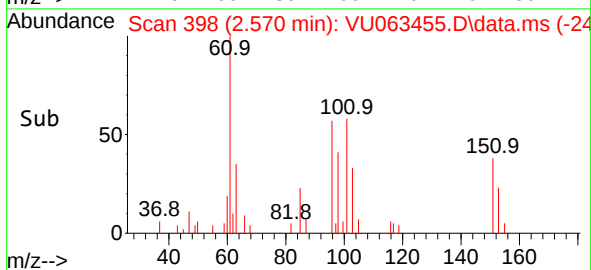
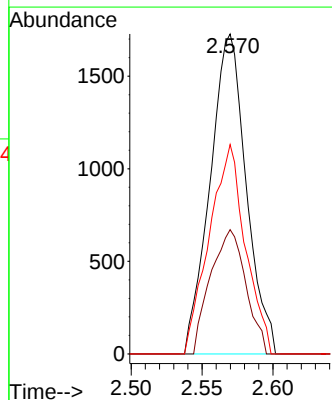
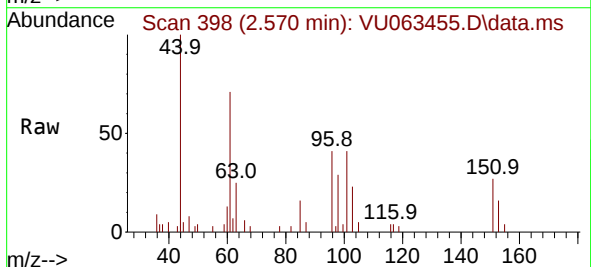
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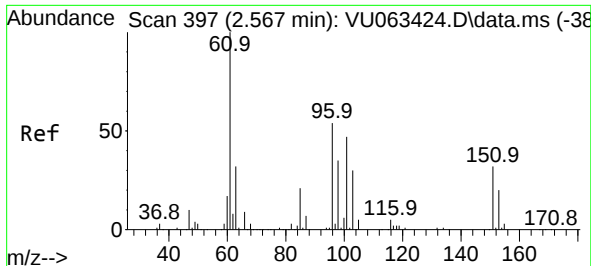
Tgt Ion:101 Resp: 5542
 Ion Ratio Lower Upper
 101 100
 103 69.4 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.241 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

Tgt Ion:101 Resp: 3067
 Ion Ratio Lower Upper
 101 100
 85 38.0 36.7 55.1
 151 65.3 53.9 80.9

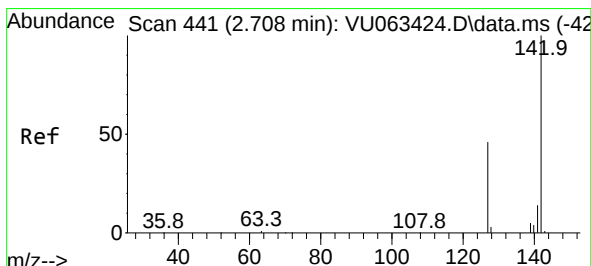
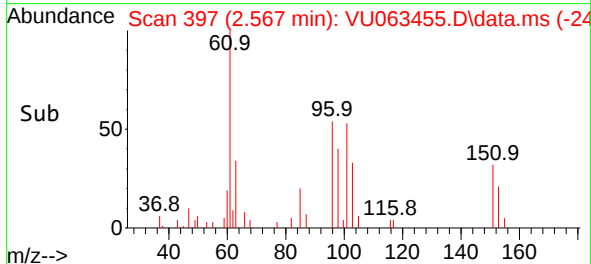
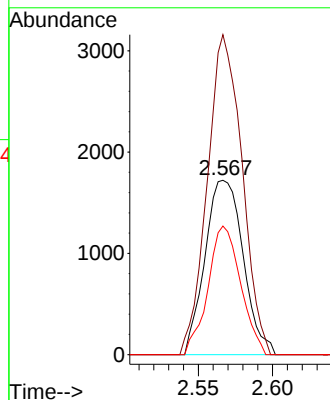
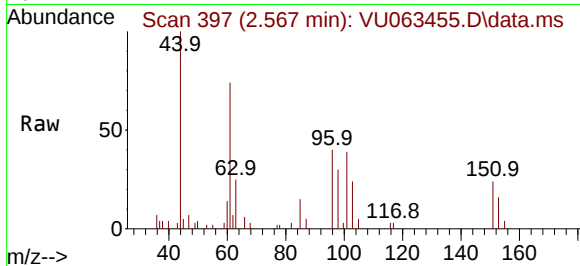




#9
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

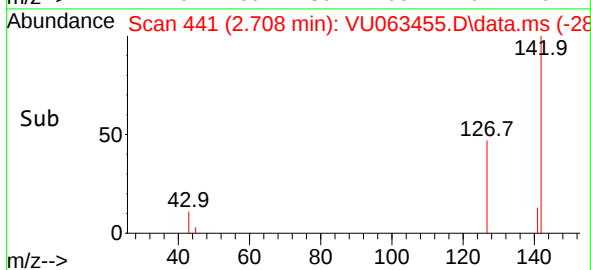
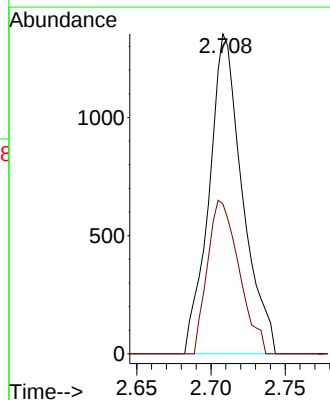
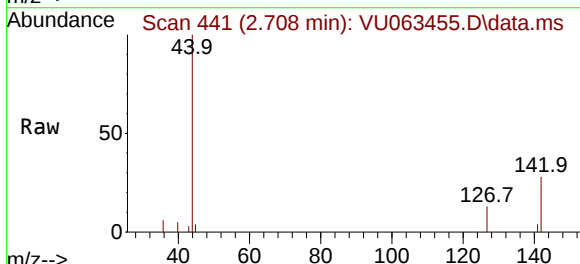
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

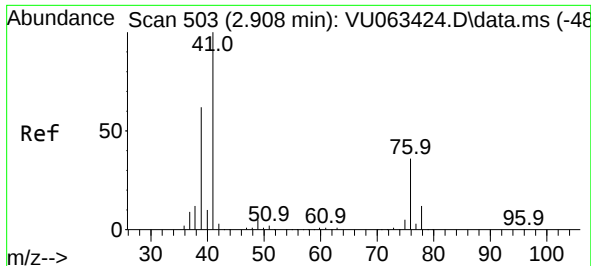
Tgt Ion:	96	Resp:	3080
Ion	Ratio	Lower	Upper
96	100		
61	183.6	0.0	552.0
98	73.8	0.0	128.4



#10
Iodomethane
Concen: 0.207 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:	142	Resp:	2116
Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.9	55.3

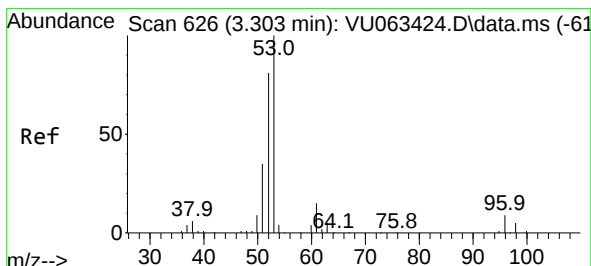
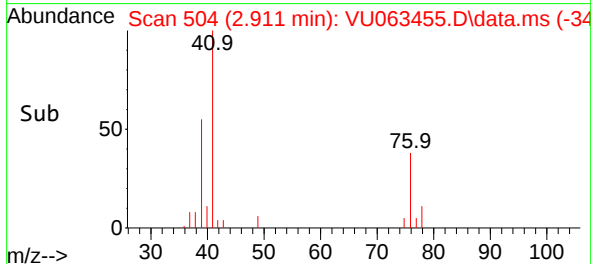
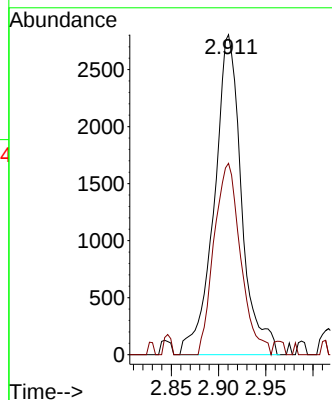
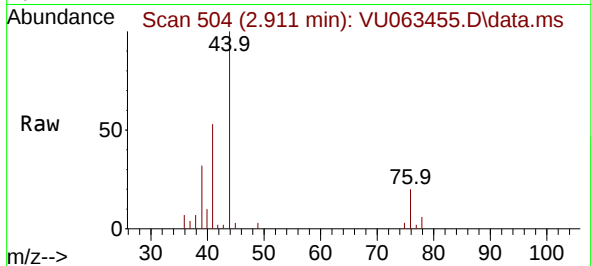




#11
 Allyl Chloride
 Concen: 0.249 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

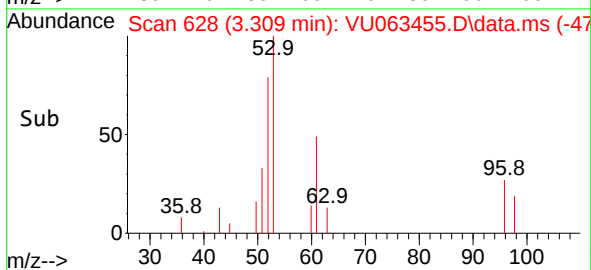
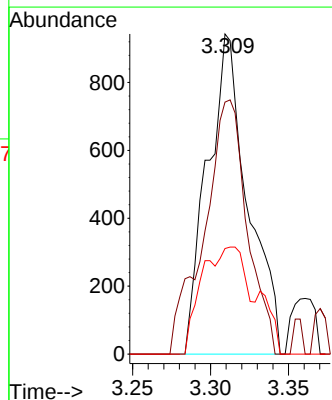
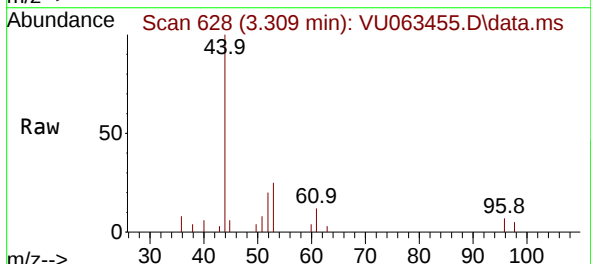
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

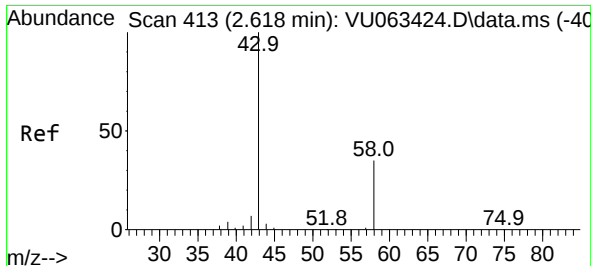
Tgt Ion: 41 Resp: 5636
 Ion Ratio Lower Upper
 41 100
 39 58.3 50.3 75.5



#12
 Acrylonitrile
 Concen: 0.461 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

Tgt Ion: 53 Resp: 1692
 Ion Ratio Lower Upper
 53 100
 52 84.8 62.8 94.2
 51 37.9 26.2 39.4





#13

Acetone

Concen: 0.871 ug/l

RT: 2.624 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

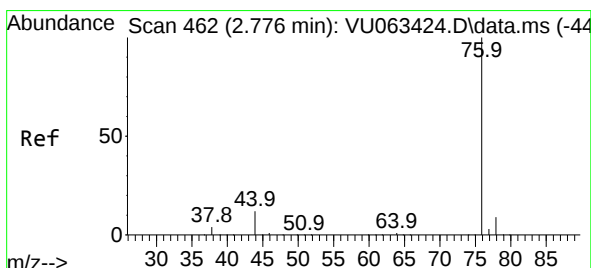
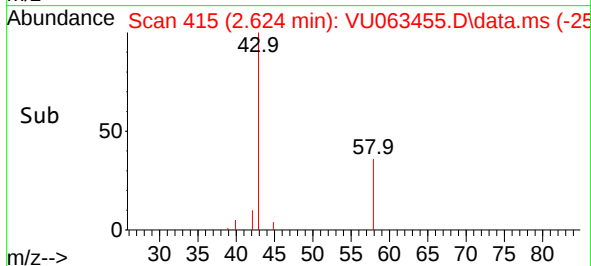
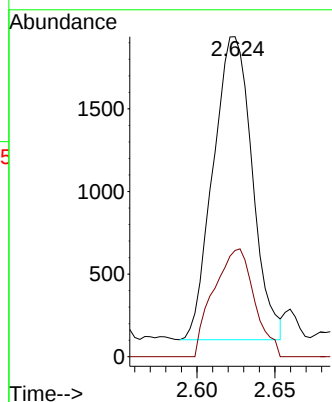
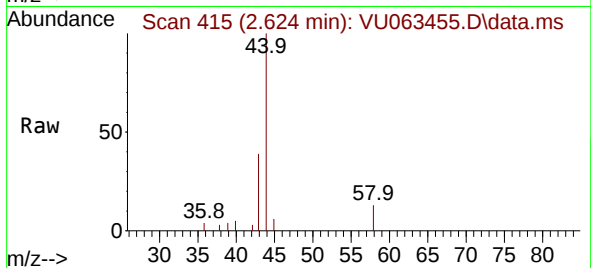
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 3203

Ion Ratio Lower Upper

43 100

58 35.1 28.3 42.5



#14

Carbon Disulfide

Concen: 0.239 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063455.D

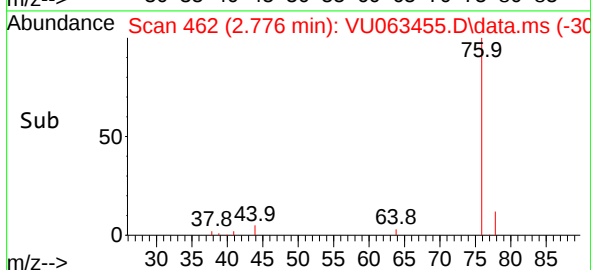
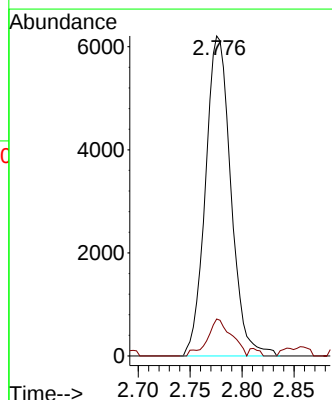
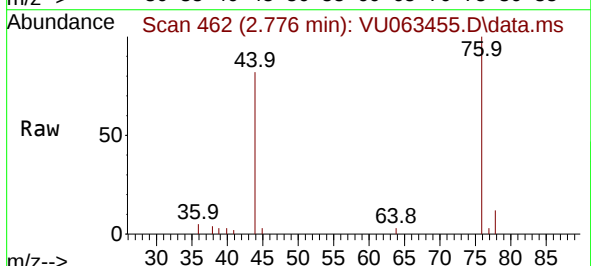
Acq: 25 Jun 2025 13:02

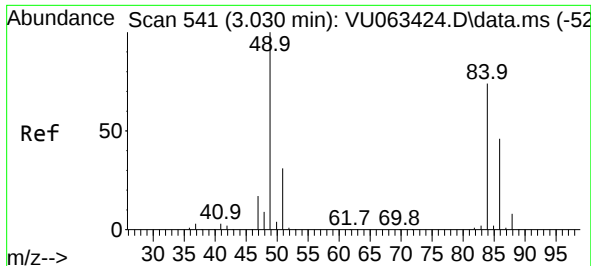
Tgt Ion: 76 Resp: 10561

Ion Ratio Lower Upper

76 100

78 11.6 6.9 10.3#

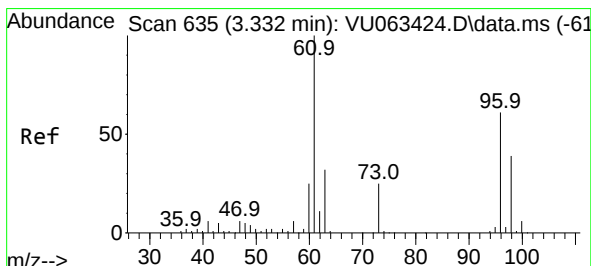
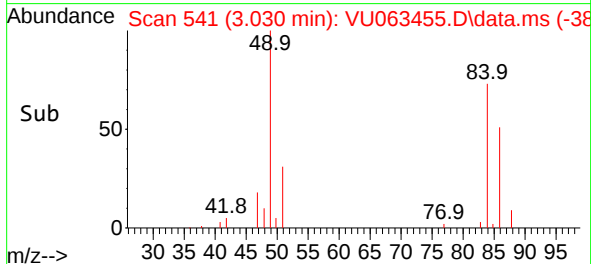
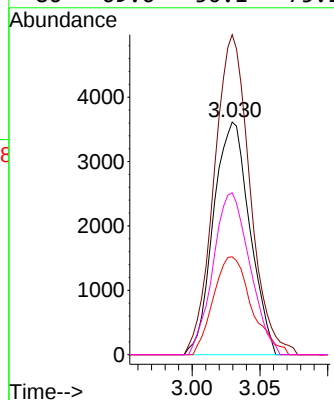
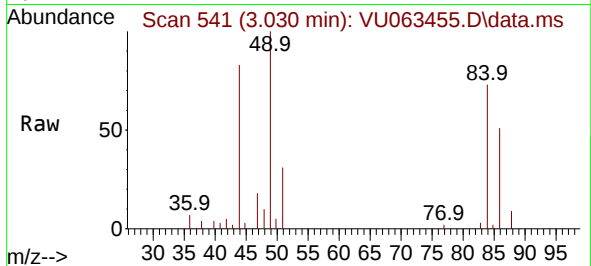




#15
Methylene Chloride
Concen: 0.417 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

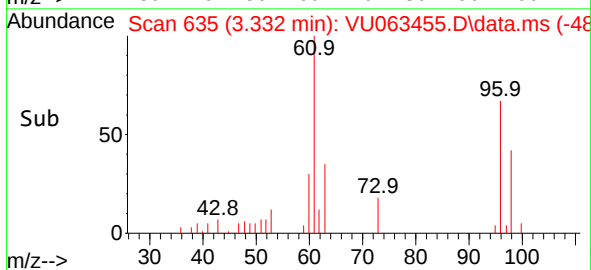
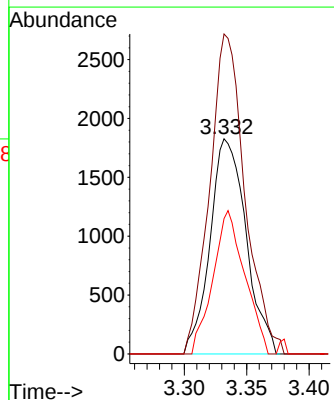
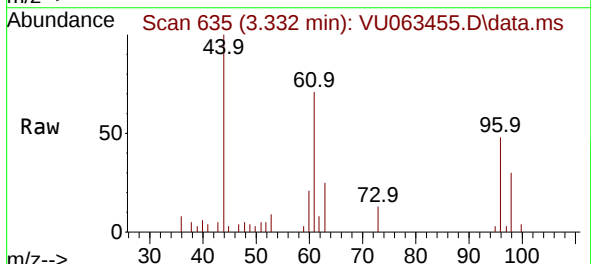
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

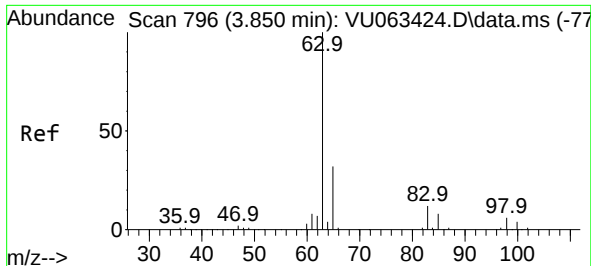
Tgt Ion:	84	Resp:	6710
Ion	Ratio	Lower	Upper
84	100		
49	137.6	108.7	163.1
51	42.1	0.0	83.8
86	69.6	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.257 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:	96	Resp:	3669
Ion	Ratio	Lower	Upper
96	100		
61	148.7	132.1	198.1
98	62.9	51.0	76.4





#17

1,1-Dichloroethane

Concen: 0.223 ug/l

RT: 3.846 min Scan# 796

Delta R.T. -0.004 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

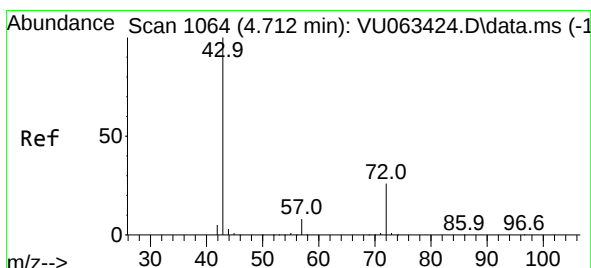
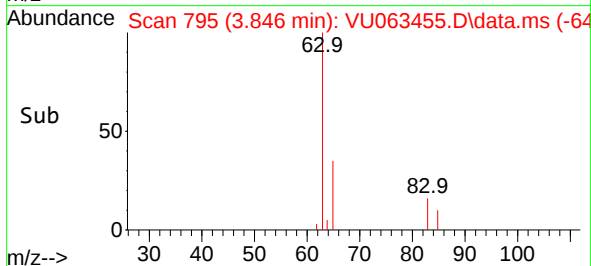
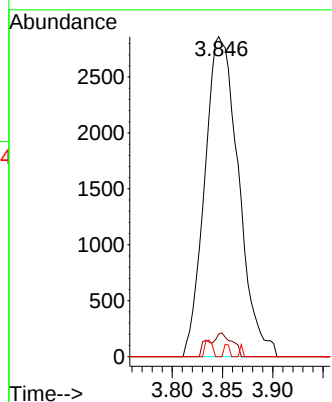
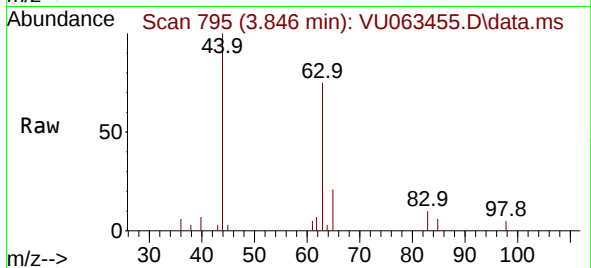
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	63	Resp:	6700
Ion Ratio	Lower	Upper	
63	100		
98	7.1	2.8	8.4
100	0.0	1.9	5.7



#18

2-Butanone

Concen: 0.963 ug/l

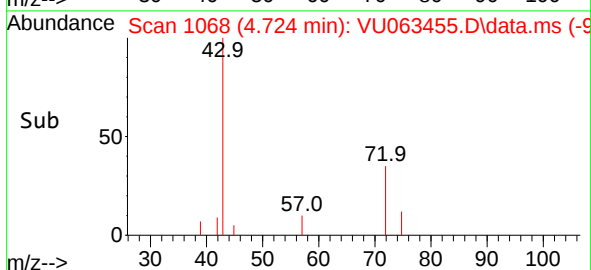
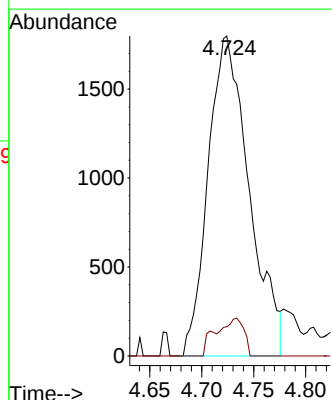
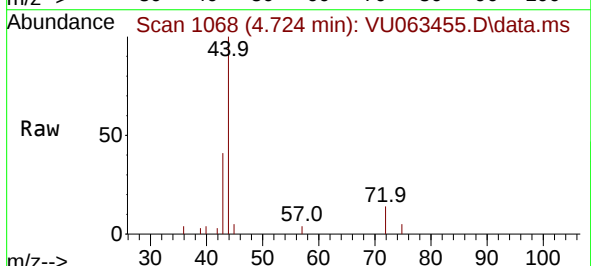
RT: 4.724 min Scan# 1068

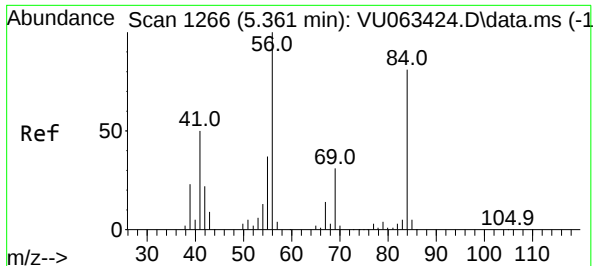
Delta R.T. 0.012 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion:	43	Resp:	4931
Ion Ratio	Lower	Upper	
43	100		
57	9.2	0.0	16.0





#19

Cyclohexane

Concen: 0.236 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.004 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

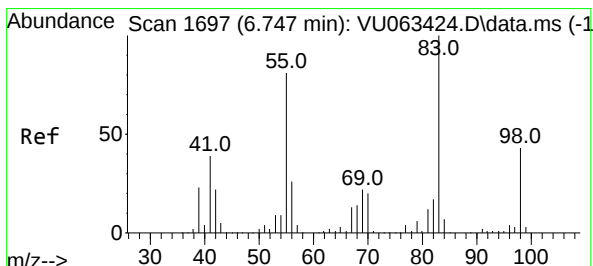
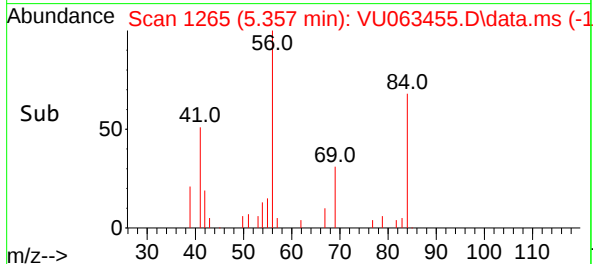
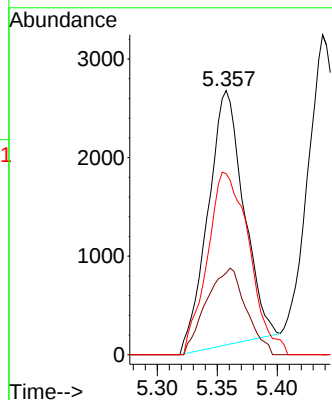
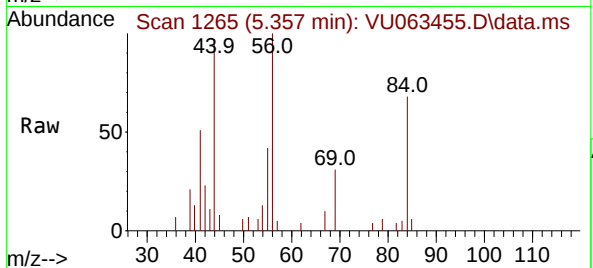
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	56	Resp:	5365
Ion	Ratio	Lower	Upper
56	100		
69	37.7	26.4	39.6
84	83.9	68.6	102.8



#20

Methylcyclohexane

Concen: 0.185 ug/l

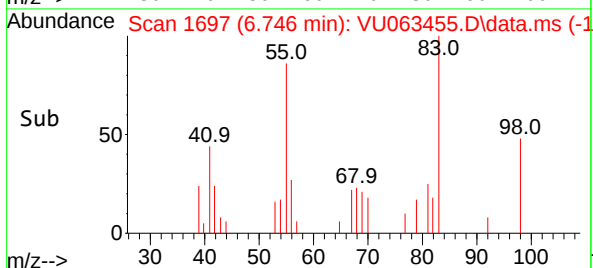
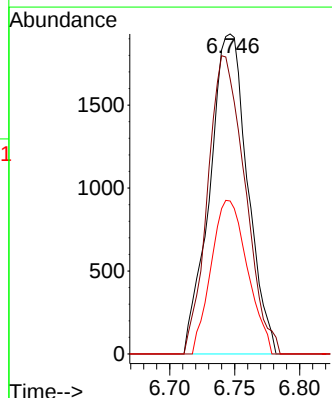
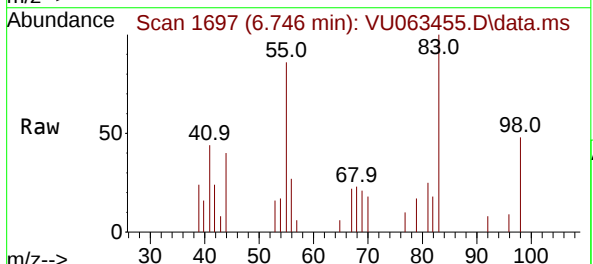
RT: 6.746 min Scan# 1697

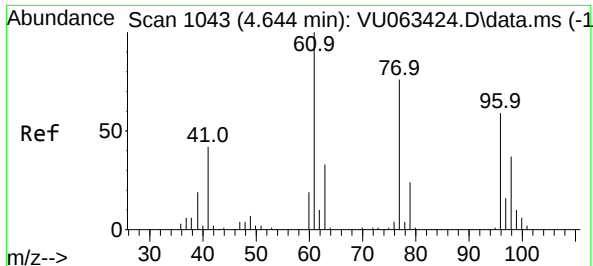
Delta R.T. -0.000 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion:	83	Resp:	3898
Ion	Ratio	Lower	Upper
83	100		
55	92.0	63.5	95.3
98	46.2	34.2	51.4





#21

2,2-Dichloropropane

Concen: 0.229 ug/l

RT: 4.640 min Scan# 1042

Delta R.T. -0.004 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

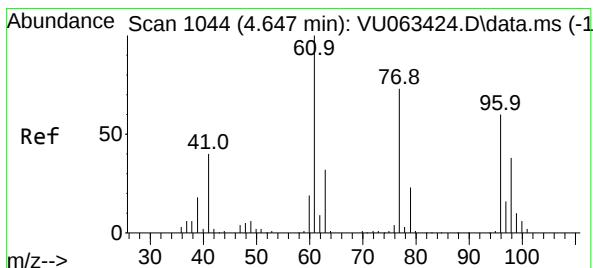
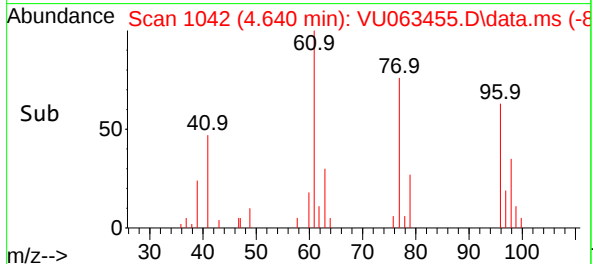
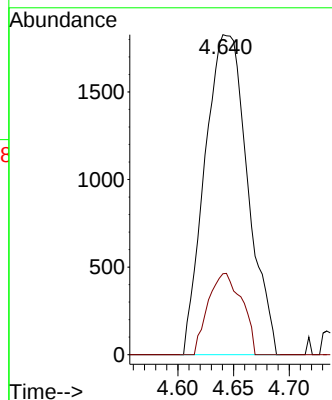
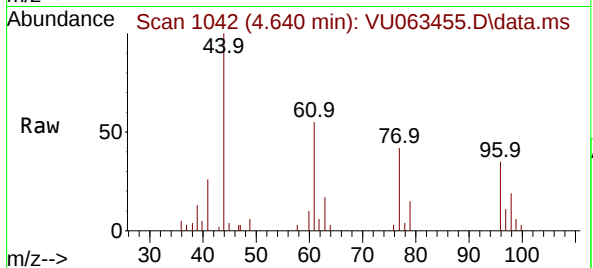
MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 4885

Ion Ratio Lower Upper

77 100

97 20.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.254 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

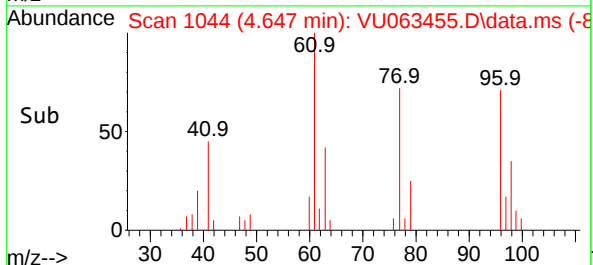
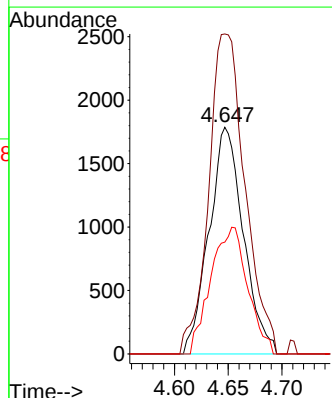
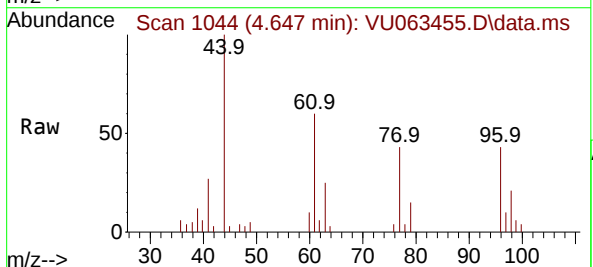
Tgt Ion: 96 Resp: 3966

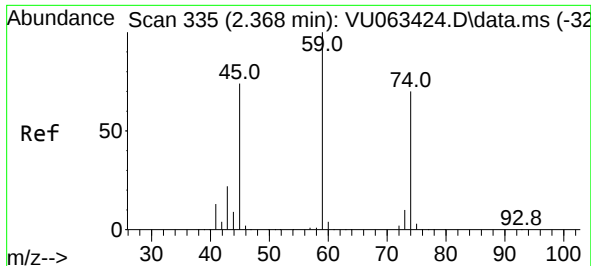
Ion Ratio Lower Upper

96 100

61 149.4 0.0 434.3

98 60.0 31.9 95.7

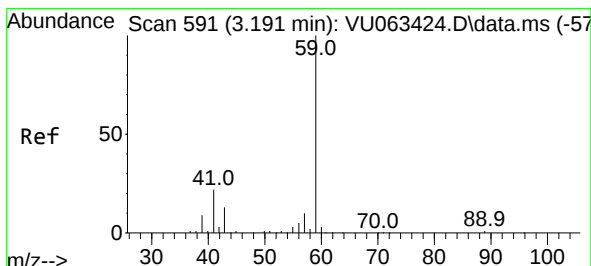
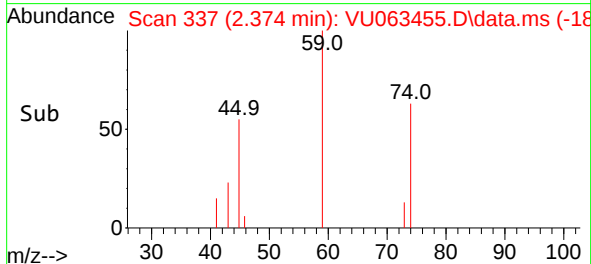
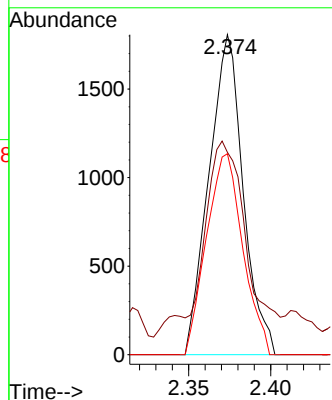
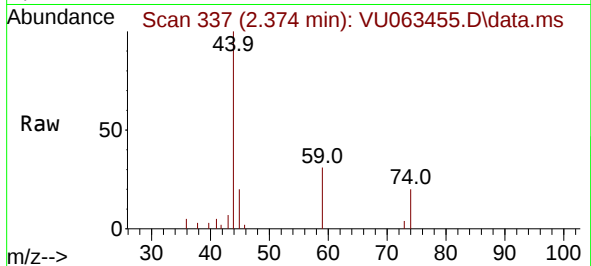




#23
Diethyl Ether
Concen: 0.228 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

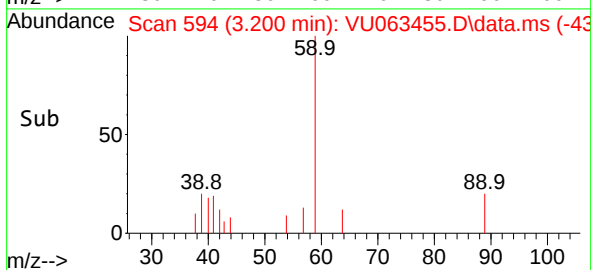
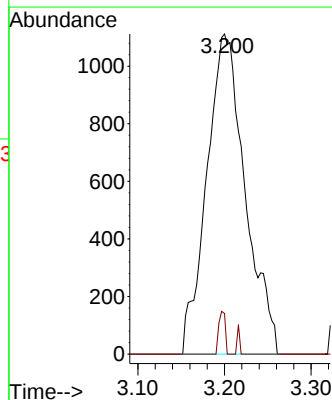
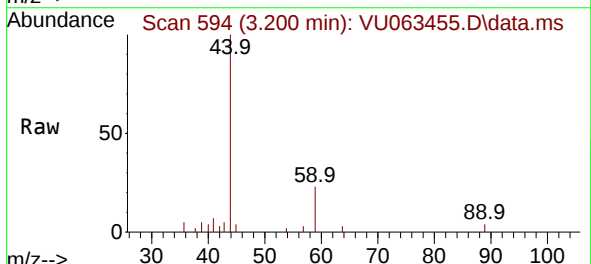
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

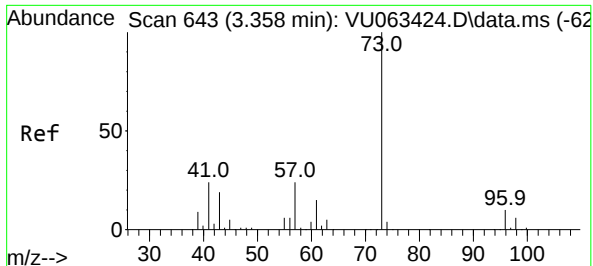
Tgt Ion: 59 Resp: 2613
Ion Ratio Lower Upper
59 100
45 57.8 60.7 91.1#
74 66.8 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 2.842 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.009 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 59 Resp: 3429
Ion Ratio Lower Upper
59 100
57 2.2 7.8 11.8#

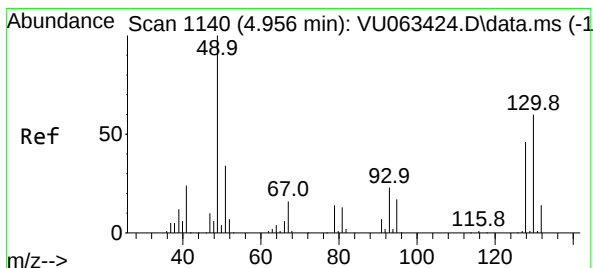
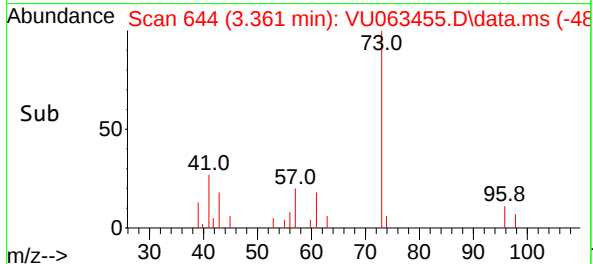
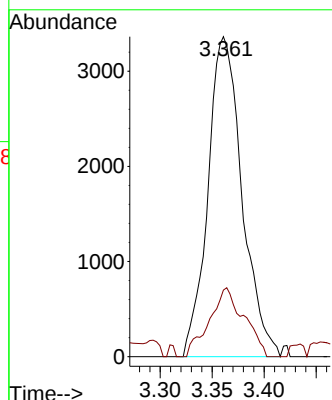
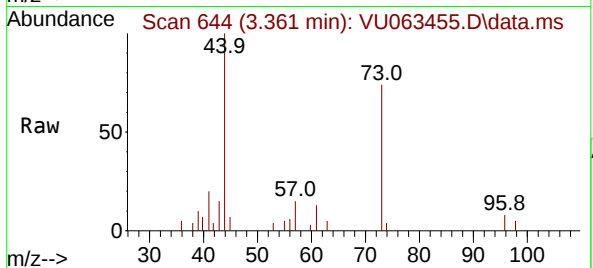




#25
Methyl tert-Butyl Ether
Concen: 0.222 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

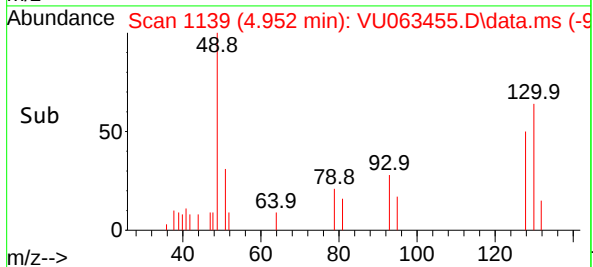
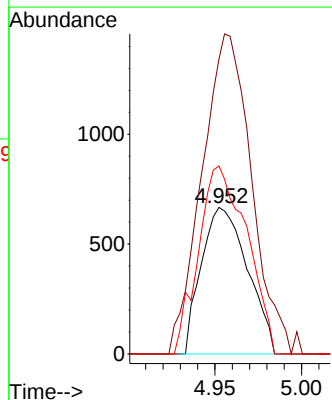
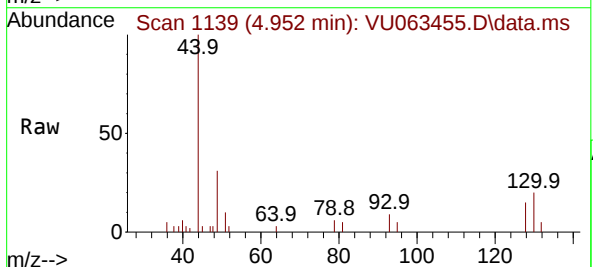
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

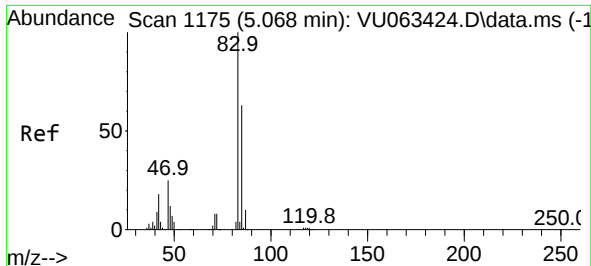
Tgt Ion: 73 Resp: 7678
Ion Ratio Lower Upper
73 100
43 21.9 15.1 22.7



#26
Bromochloromethane
Concen: 0.204 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.004 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:128 Resp: 1235
Ion Ratio Lower Upper
128 100
49 235.8 0.0 441.2
130 134.4 102.3 153.5





#27

Chloroform

Concen: 0.239 ug/l

RT: 5.074 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

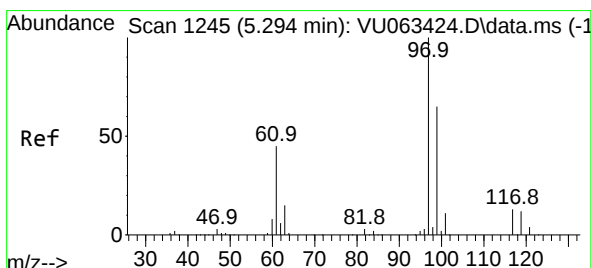
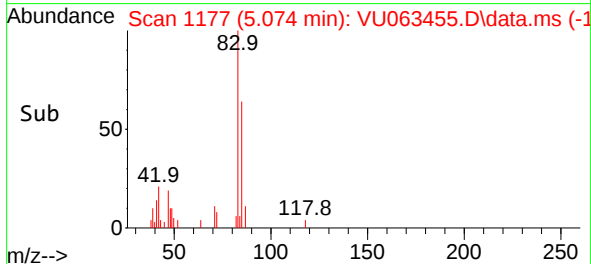
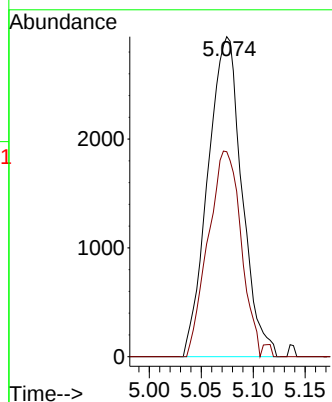
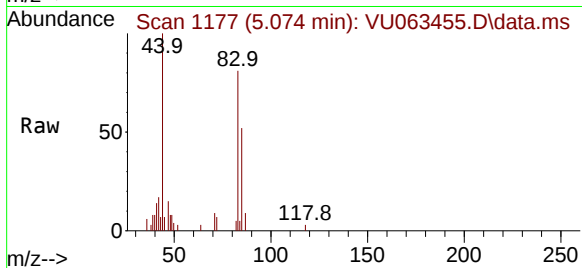
MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 6711

Ion Ratio Lower Upper

83 100

85 64.1 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.227 ug/l

RT: 5.287 min Scan# 1243

Delta R.T. -0.007 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

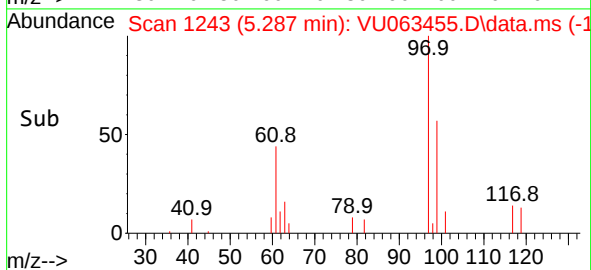
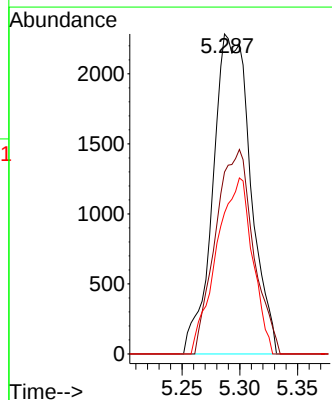
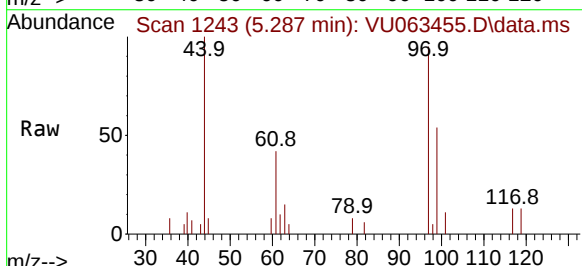
Tgt Ion: 97 Resp: 5182

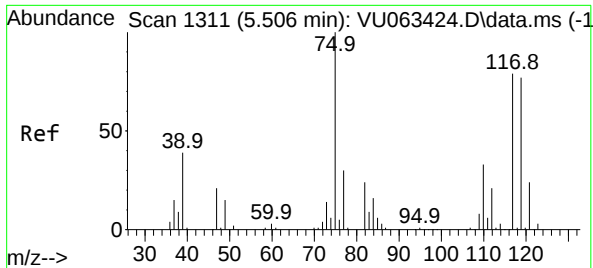
Ion Ratio Lower Upper

97 100

99 64.0 31.9 95.5

61 52.5 22.9 68.7

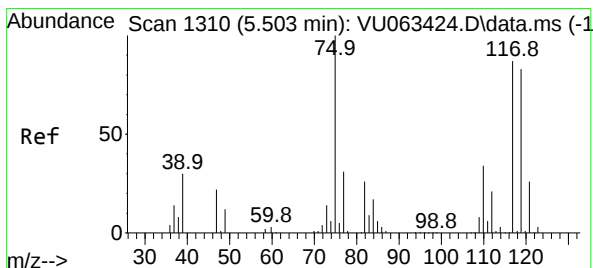
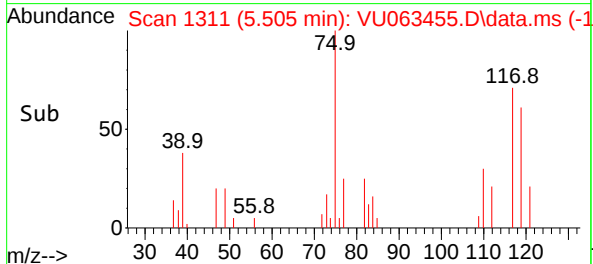
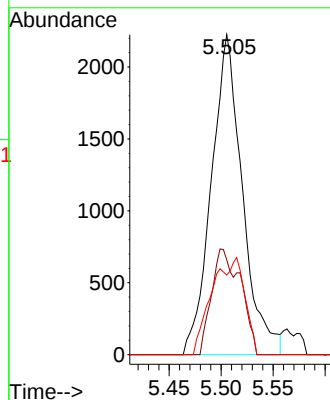
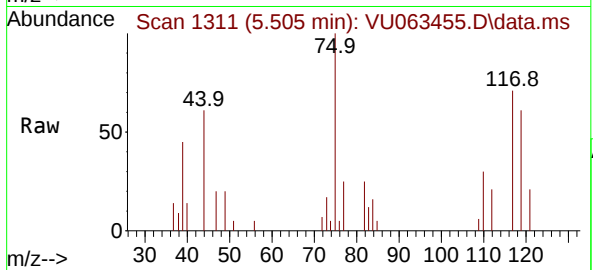




#29
1,1-Dichloropropene
Concen: 0.222 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

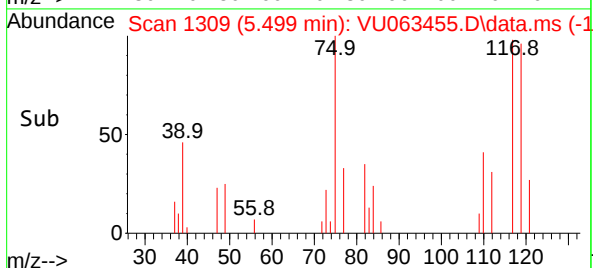
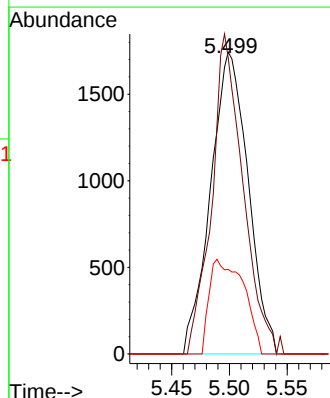
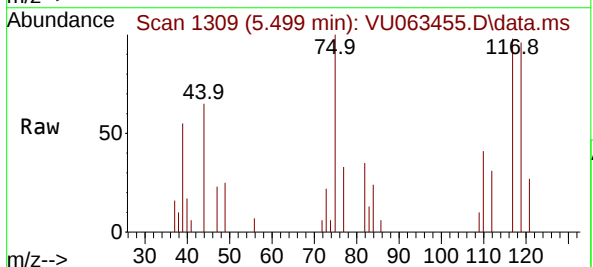
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

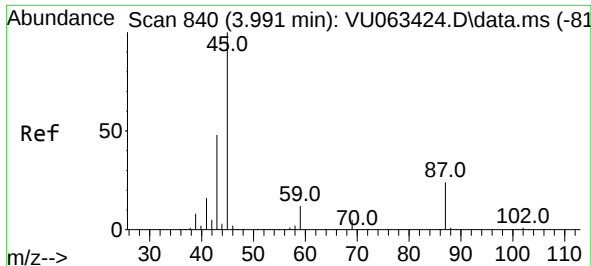
Tgt Ion: 75 Resp: 4629
Ion Ratio Lower Upper
75 100
110 30.8 17.4 52.2
77 16.8 25.4 38.0#



#30
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 117 Resp: 3935
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1
121 28.0 24.3 36.5

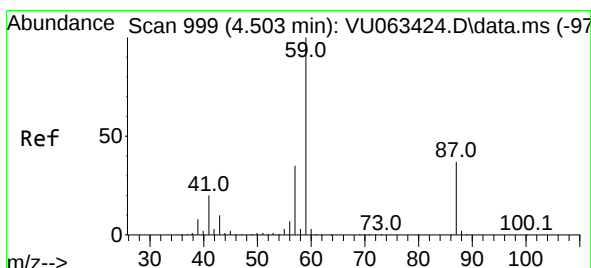
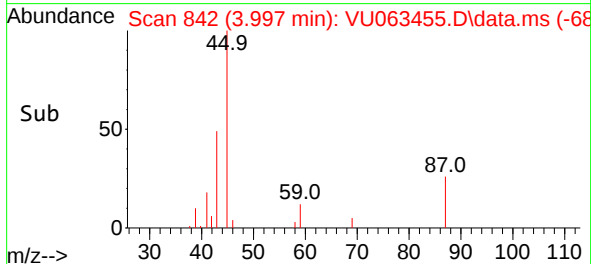
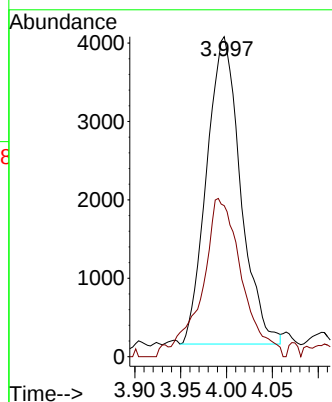
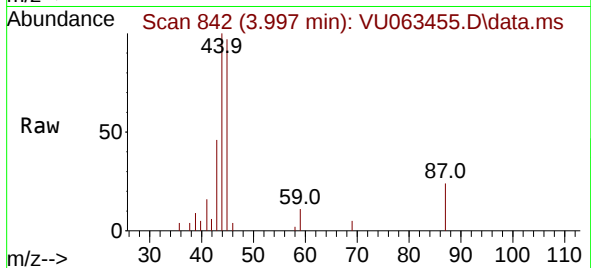




#31
Isopropyl Ether
Concen: 0.215 ug/l
RT: 3.997 min Scan# 84
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

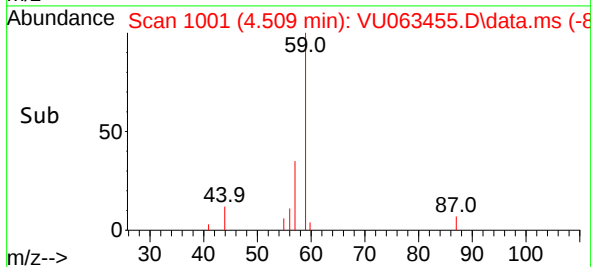
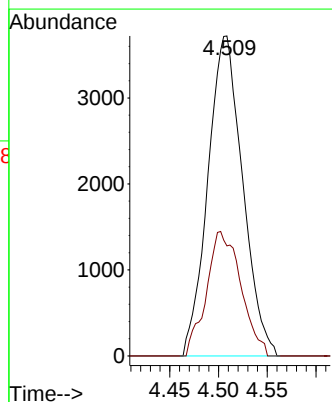
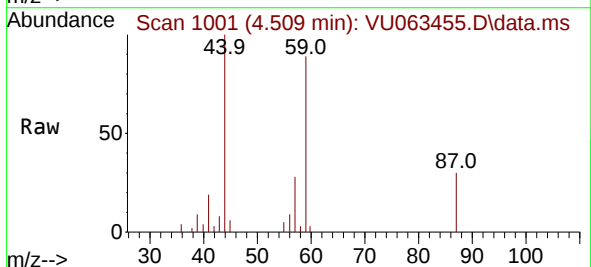
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 45 Resp: 10073
Ion Ratio Lower Upper
45 100
43 59.3 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.232 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 59 Resp: 9230
Ion Ratio Lower Upper
59 100
87 38.5 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 0.202 ug/l

RT: 5.949 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

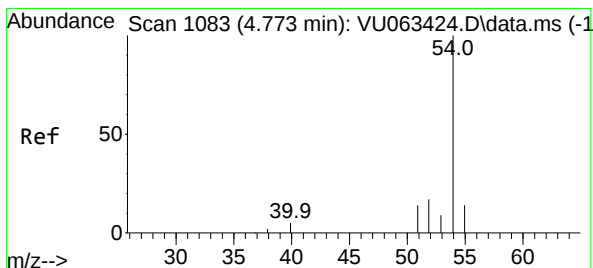
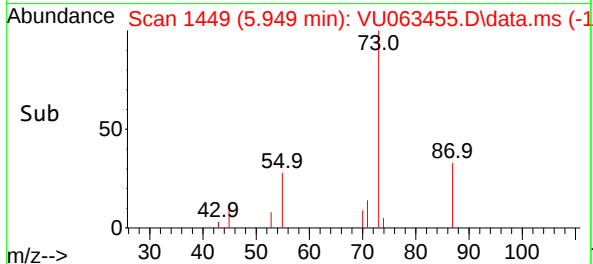
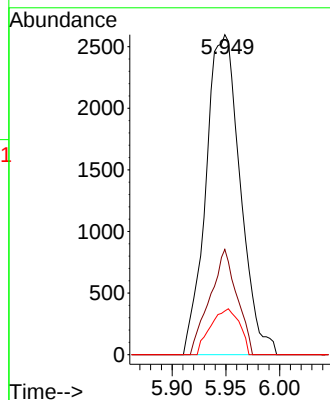
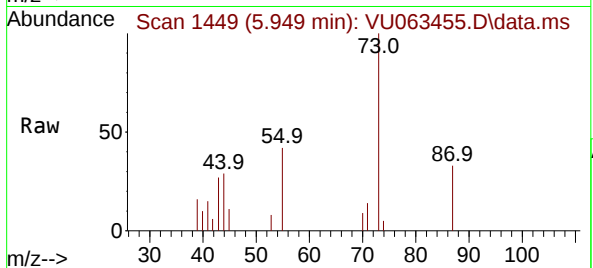
Tgt Ion: 73 Resp: 5753

Ion Ratio Lower Upper

73 100

87 25.9 18.1 27.1

71 12.1 10.0 15.0



#34

Propionitrile

Concen: 1.248 ug/l

RT: 4.785 min Scan# 1087

Delta R.T. 0.012 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion: 54 Resp: 1847

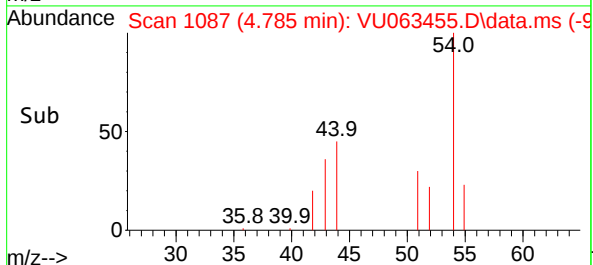
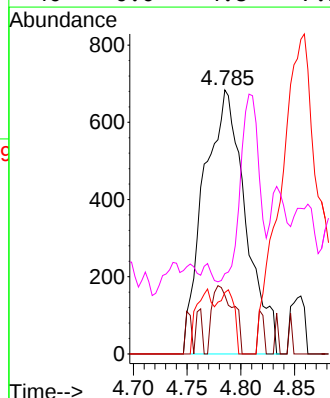
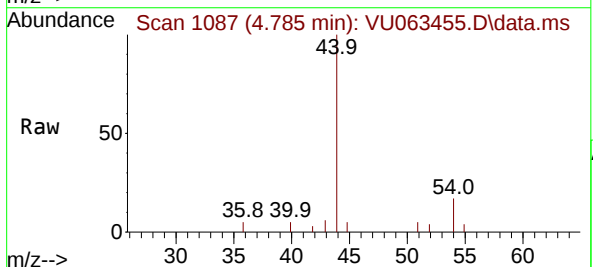
Ion Ratio Lower Upper

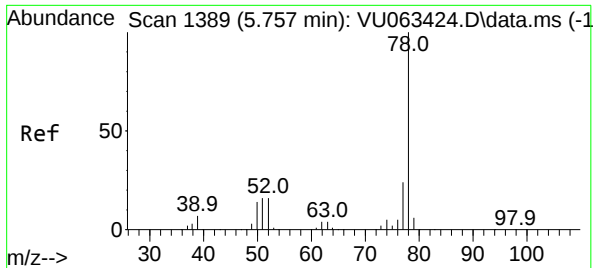
54 100

52 13.1 14.8 22.2#

55 7.6 12.2 18.2#

40 0.0 4.8 7.2#





#35

Benzene

Concen: 0.234 ug/l

RT: 5.759 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

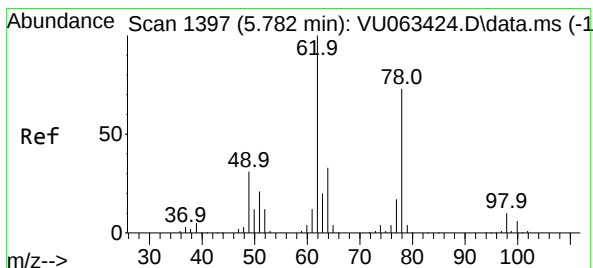
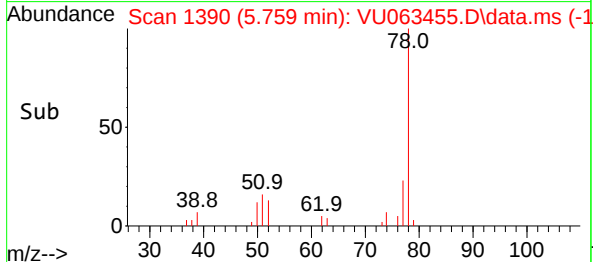
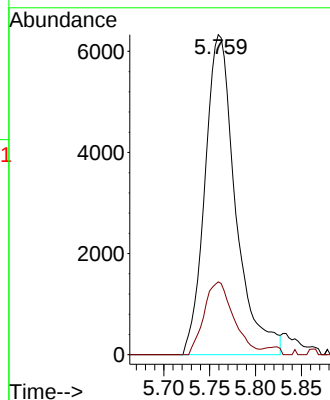
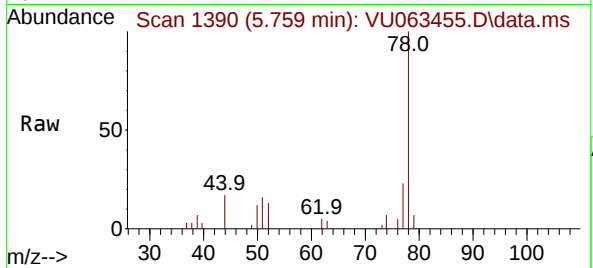
MDL-WATER-03-QT2-2025

Tgt Ion: 78 Resp: 14712

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU063455.D

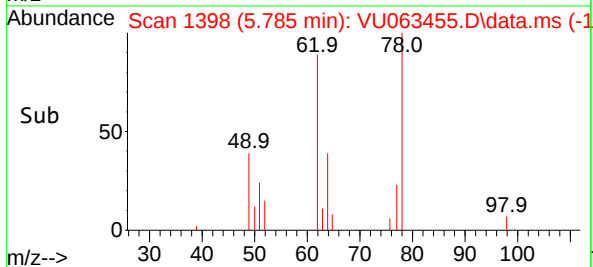
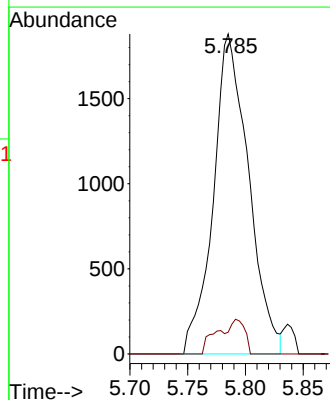
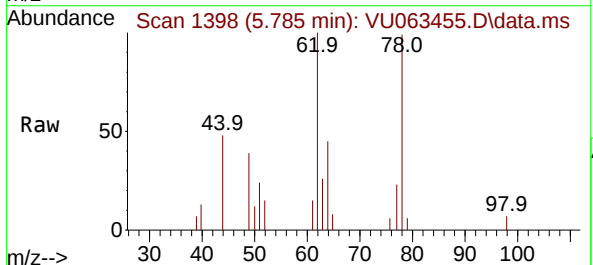
Acq: 25 Jun 2025 13:02

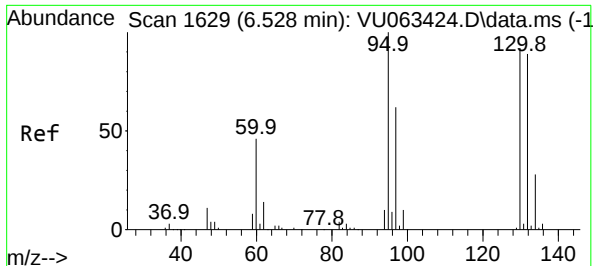
Tgt Ion: 62 Resp: 4000

Ion Ratio Lower Upper

62 100

98 4.8 7.1 10.7#





#37

Trichloroethene

Concen: 0.230 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

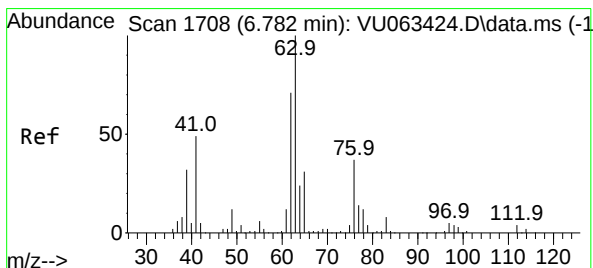
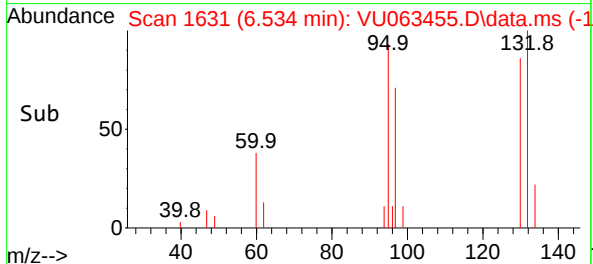
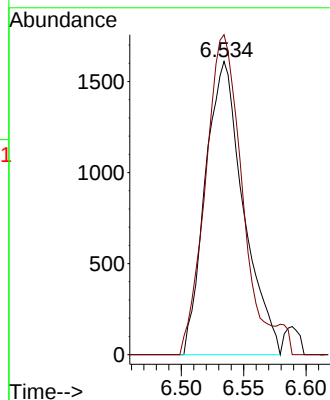
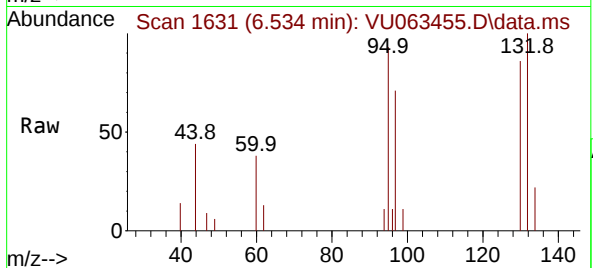
MDL-WATER-03-QT2-2025

Tgt Ion:130 Resp: 3420

Ion Ratio Lower Upper

130 100

95 109.1 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.229 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063455.D

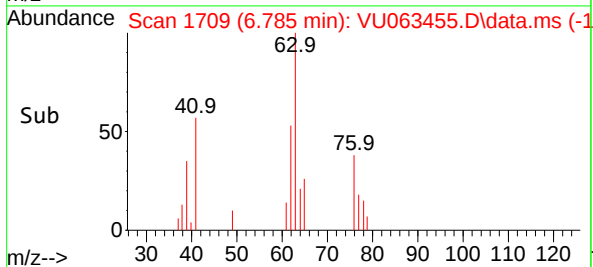
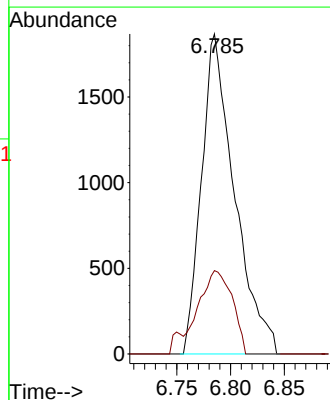
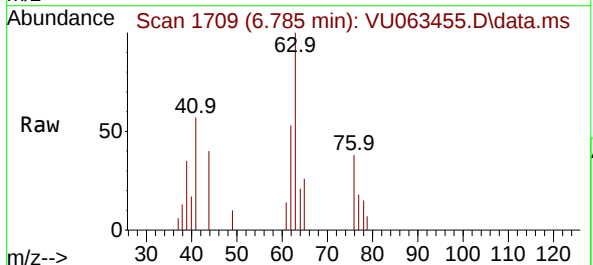
Acq: 25 Jun 2025 13:02

Tgt Ion: 63 Resp: 3977

Ion Ratio Lower Upper

63 100

65 26.1 25.0 37.6





#39

Methacrylonitrile

Concen: 0.086 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VU063455.D

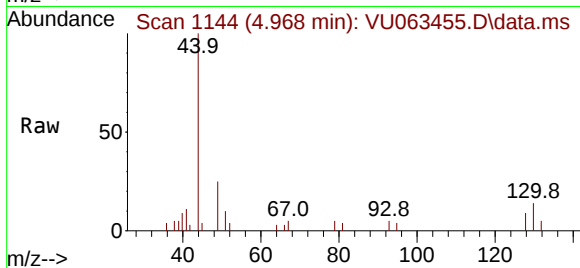
Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion: 41 Resp: 531

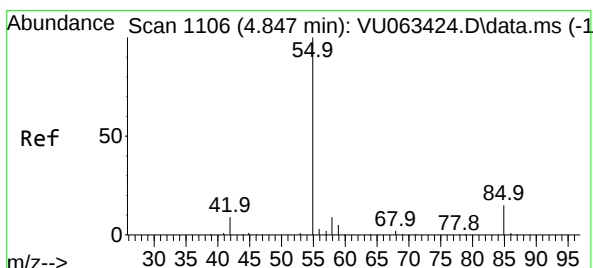
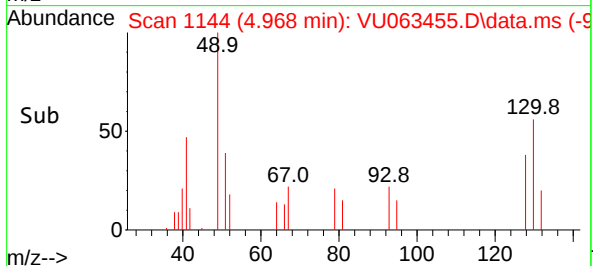
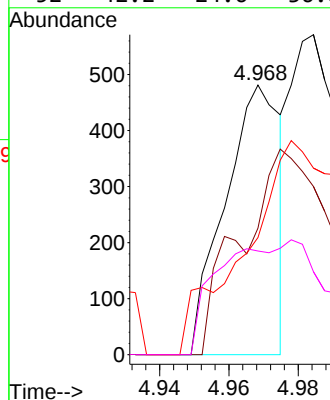
Ion Ratio Lower Upper

41 100

67 0.0 59.8 89.8#

39 0.0 40.7 61.1#

52 42.2 24.6 36.8#



#40

Methyl acrylate

Concen: 0.240 ug/l

RT: 4.859 min Scan# 1110

Delta R.T. 0.012 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion: 55 Resp: 2073

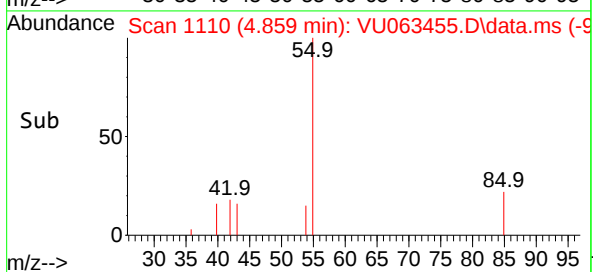
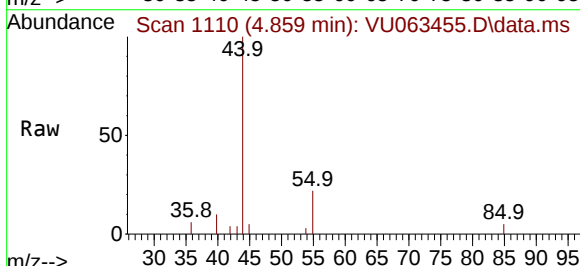
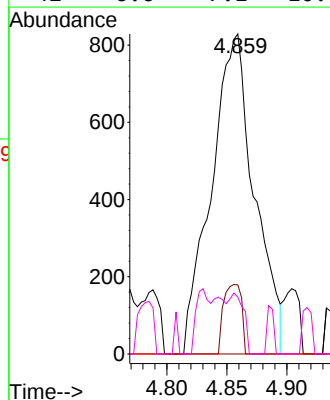
Ion Ratio Lower Upper

55 100

85 8.9 12.6 19.0#

58 0.0 6.9 10.3#

42 6.6 7.1 10.7#





#41

Tetrahydrofuran

Concen: 0.482 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.016 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

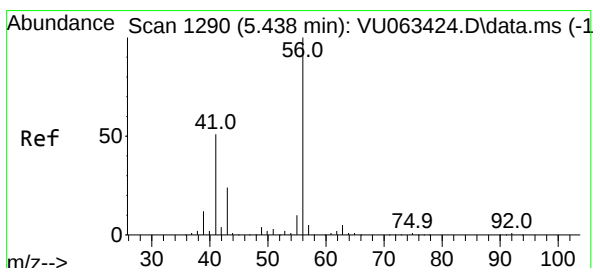
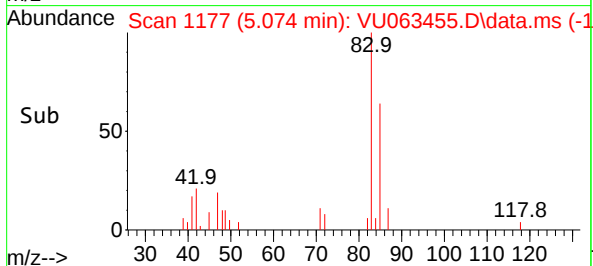
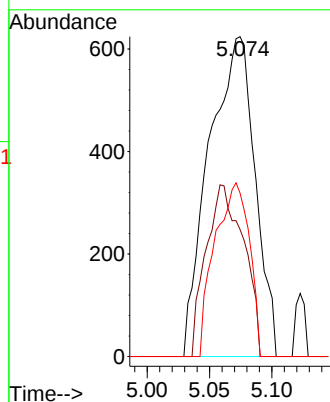
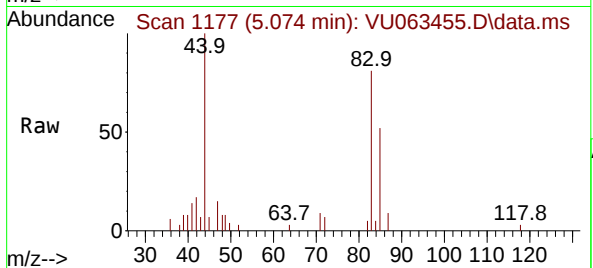
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	42	Resp:	1597
Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.4	53.2
71	40.8	31.4	47.0



#42

1-Chlorobutane

Concen: 0.243 ug/l

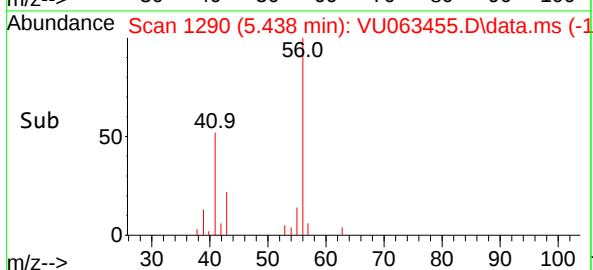
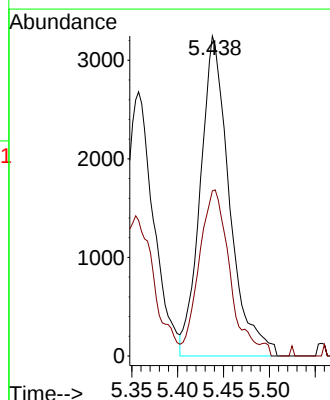
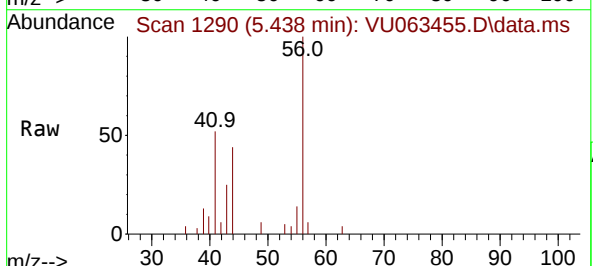
RT: 5.438 min Scan# 1290

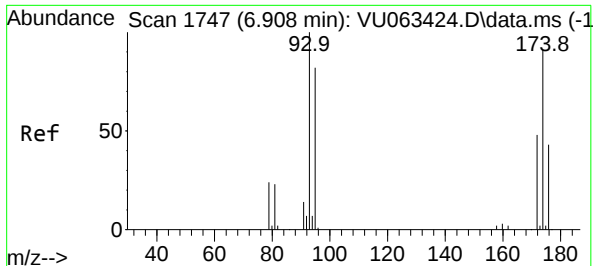
Delta R.T. -0.000 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion:	56	Resp:	7181
Ion	Ratio	Lower	Upper
56	100		
41	48.0	26.4	79.0



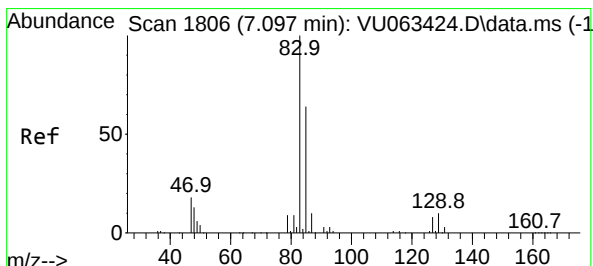
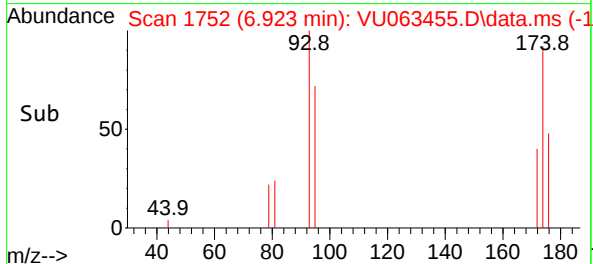
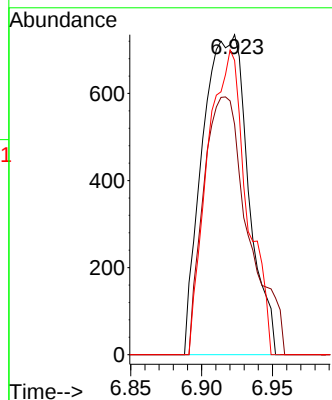
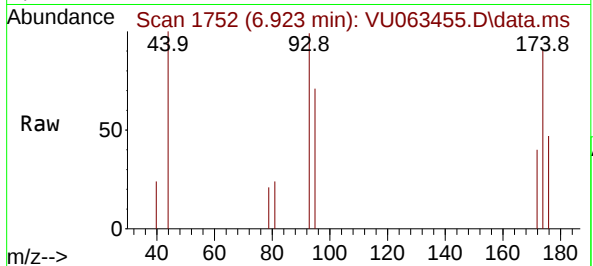


#43
Dibromomethane
Concen: 0.204 ug/l
RT: 6.923 min Scan# 1752
Delta R.T. 0.015 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

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

Tgt Ion: 93 Resp: 1654

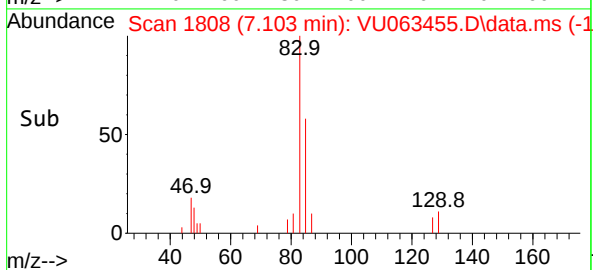
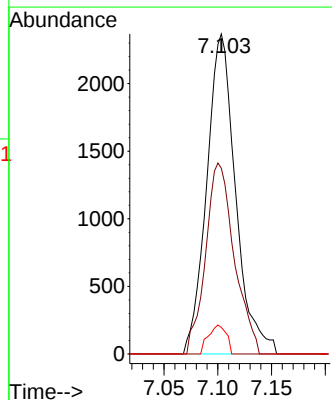
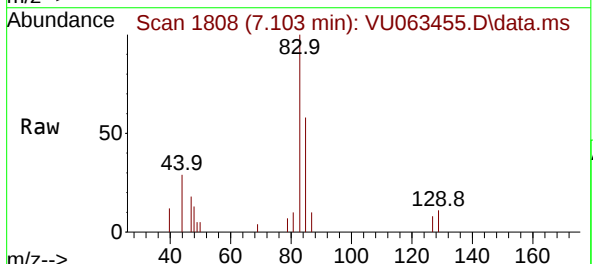
Ion	Ratio	Lower	Upper
93	100		
95	78.9	66.7	100.1
174	81.9	71.1	106.7

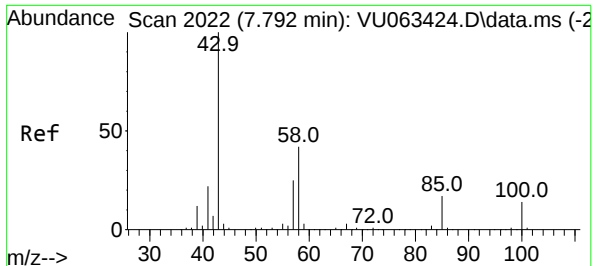


#44
Bromodichloromethane
Concen: 0.224 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 83 Resp: 4429

Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.4	77.2
127	8.3	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 1.020 ug/l

RT: 7.807 min Scan# 2022

Delta R.T. 0.015 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

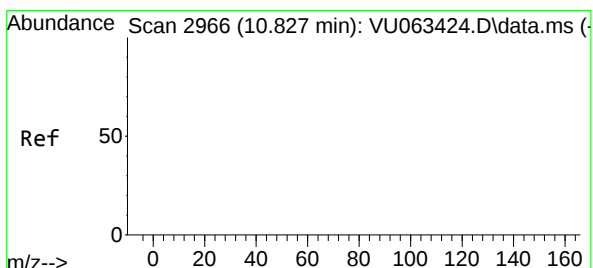
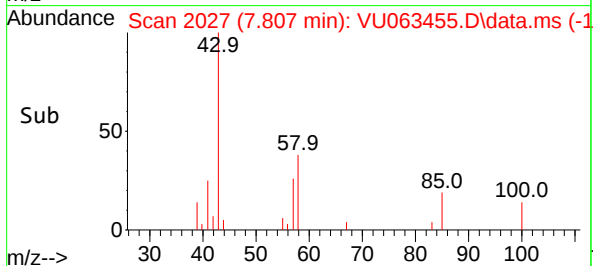
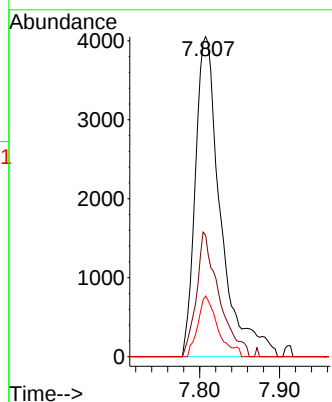
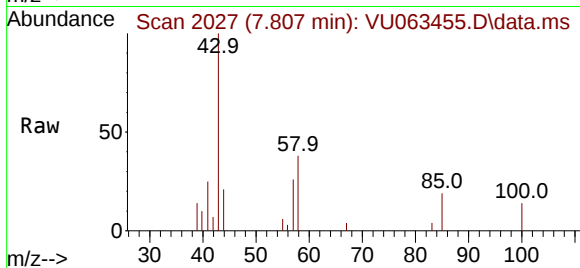
Tgt Ion: 43 Resp: 8900

Ion Ratio Lower Upper

43 100

58 34.7 20.5 61.6

85 15.0 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 1.359 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion: 75 Resp: 3898

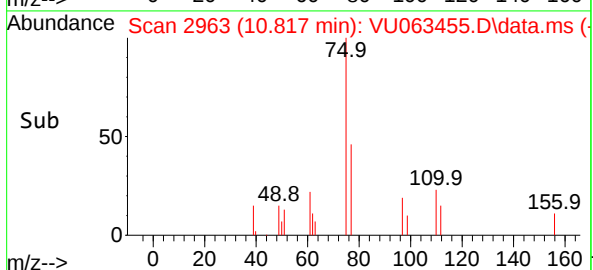
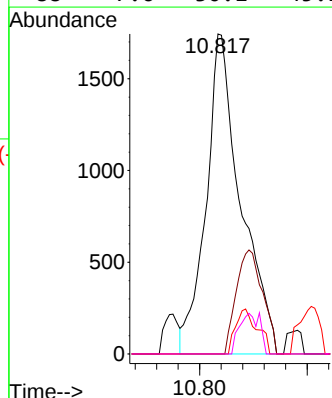
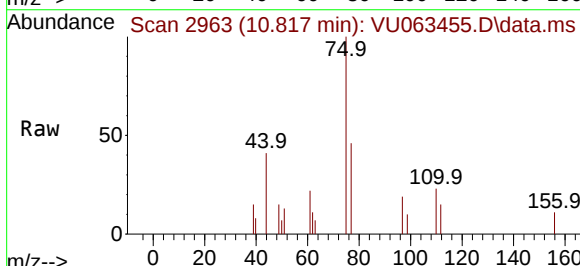
Ion Ratio Lower Upper

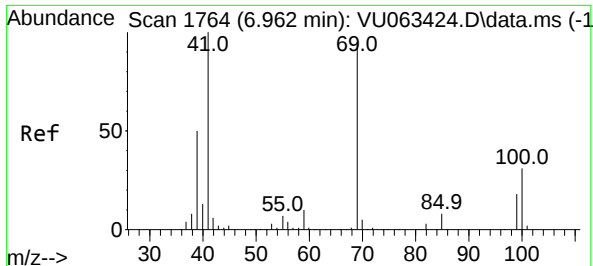
75 100

53 24.8 61.4 92.2#

89 8.8 39.2 58.8#

88 7.6 30.1 45.1#





#47

Methyl methacrylate

Concen: 0.317 ug/l

RT: 6.984 min Scan# 1

Delta R.T. 0.022 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 69 Resp: 1994

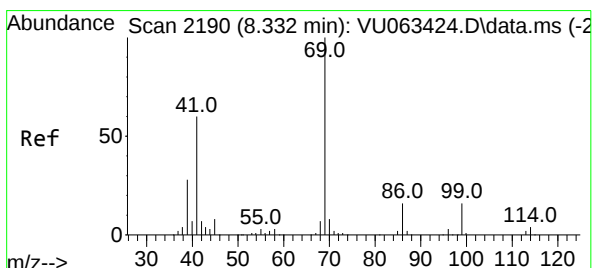
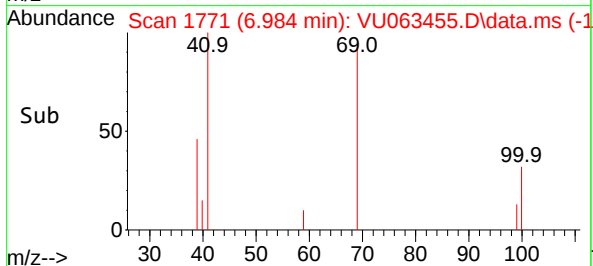
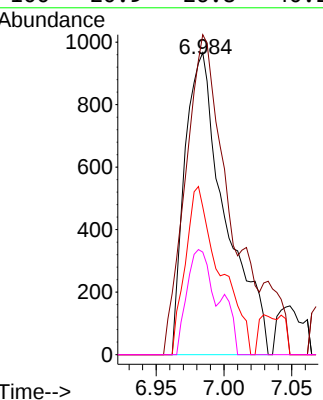
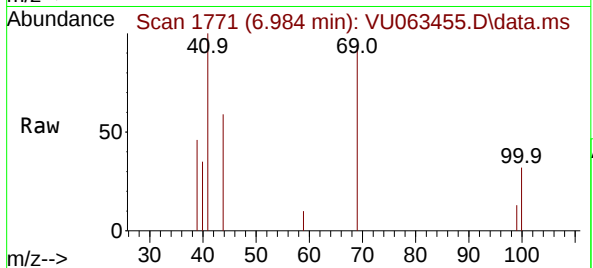
Ion Ratio Lower Upper

69 100

41 111.4 0.0 212.6

39 47.7 40.6 61.0

100 20.9 26.8 40.2#



#48

Ethyl methacrylate

Concen: 0.194 ug/l

RT: 8.344 min Scan# 2194

Delta R.T. 0.012 min

Lab File: VU063455.D

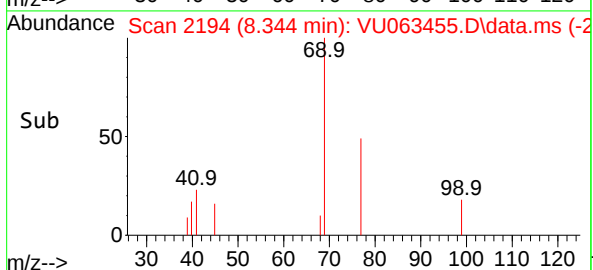
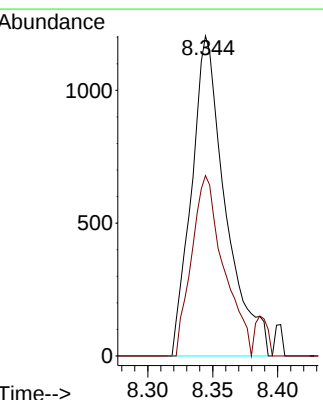
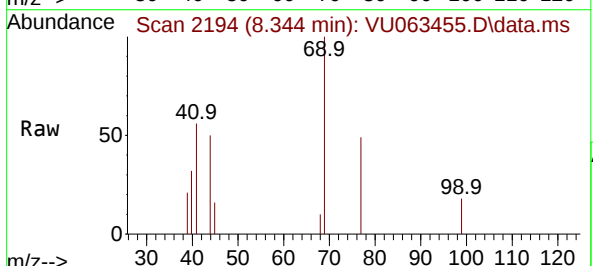
Acq: 25 Jun 2025 13:02

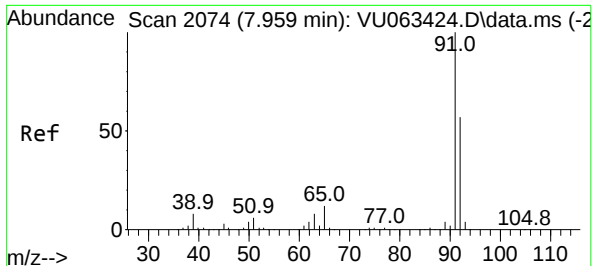
Tgt Ion: 69 Resp: 2185

Ion Ratio Lower Upper

69 100

41 53.0 30.6 92.0





#49

Toluene

Concen: 0.173 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.009 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

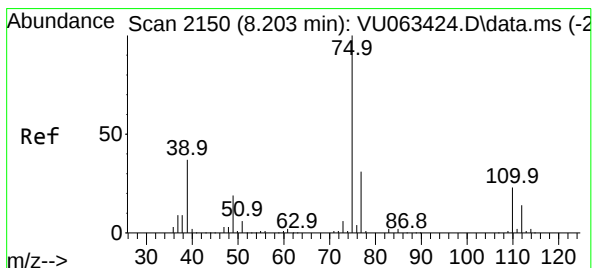
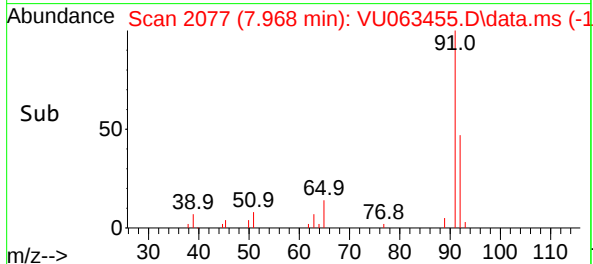
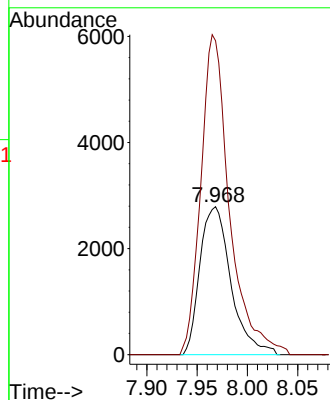
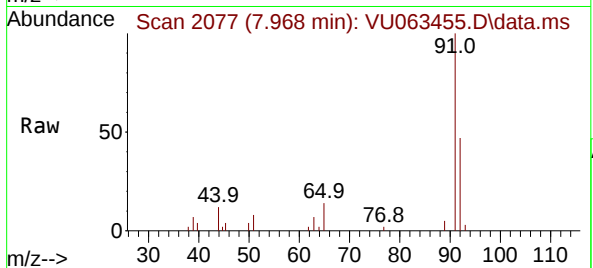
MDL-WATER-03-QT2-2025

Tgt Ion: 92 Resp: 5993

Ion Ratio Lower Upper

92 100

91 199.4 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.189 ug/l

RT: 8.216 min Scan# 2154

Delta R.T. 0.013 min

Lab File: VU063455.D

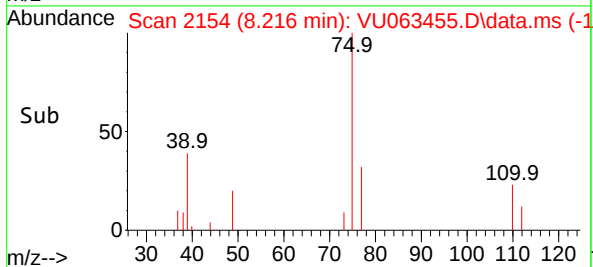
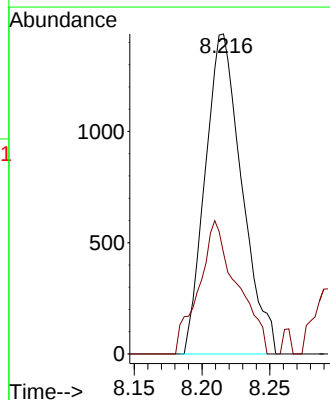
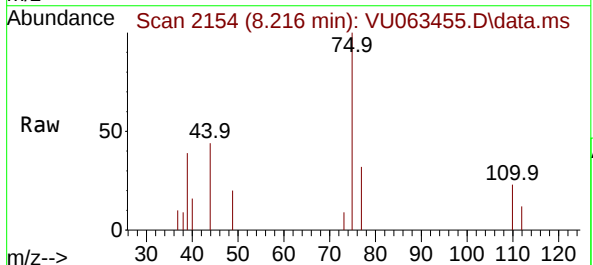
Acq: 25 Jun 2025 13:02

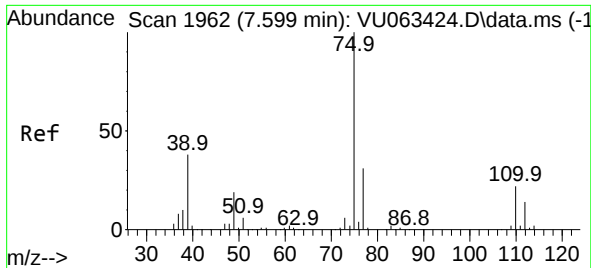
Tgt Ion: 75 Resp: 2702

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7

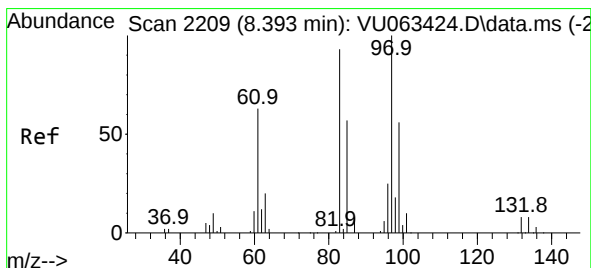
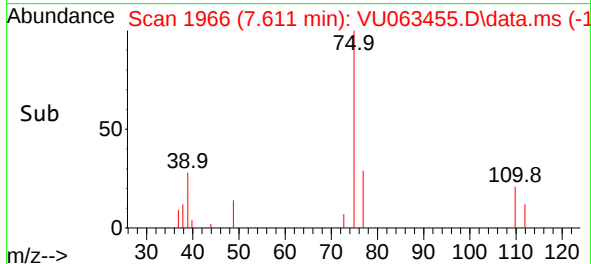
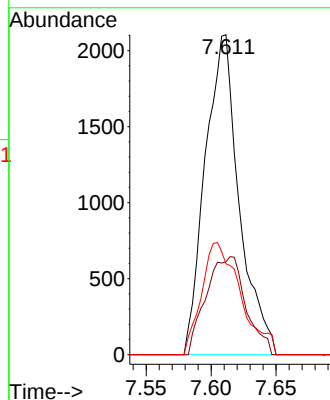
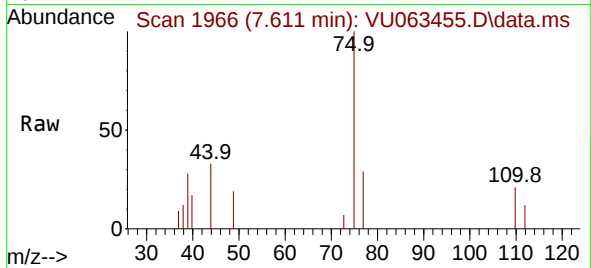




#51
 cis-1,3-Dichloropropene
 Concen: 0.200 ug/l
 RT: 7.611 min Scan# 1966
 Delta R.T. 0.012 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

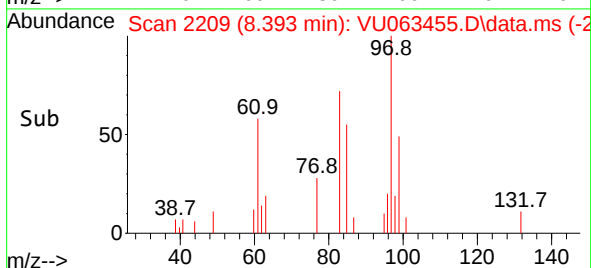
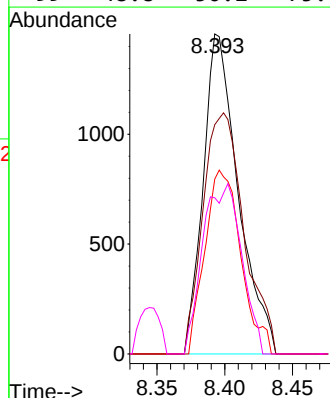
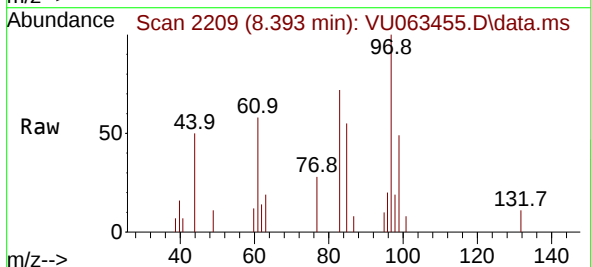
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

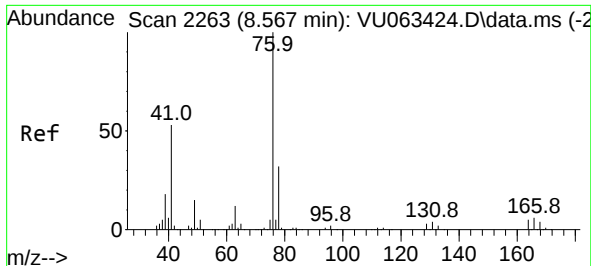
Tgt Ion: 75 Resp: 3828
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.8 37.2
 39 28.4 30.7 46.1#



#52
 1,1,2-Trichloroethane
 Concen: 0.221 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

Tgt Ion: 97 Resp: 2621
 Ion Ratio Lower Upper
 97 100
 83 71.7 74.1 111.1#
 85 54.6 45.8 68.8
 99 48.8 50.2 75.4#





#53

1,3-Dichloropropane

Concen: 0.214 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

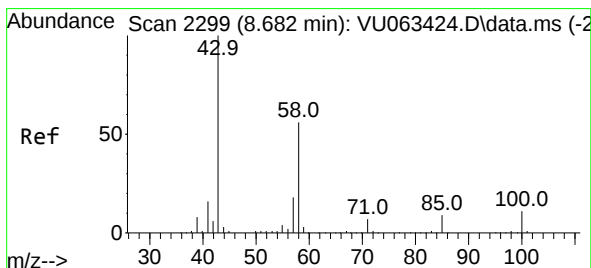
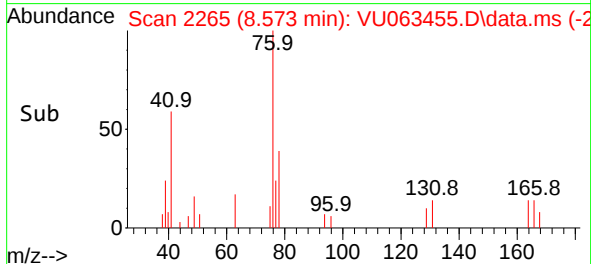
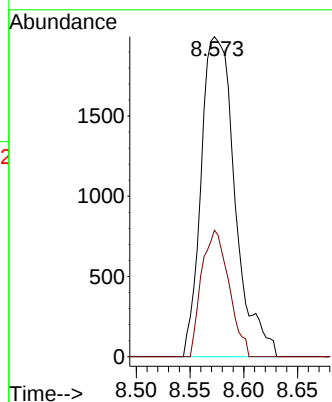
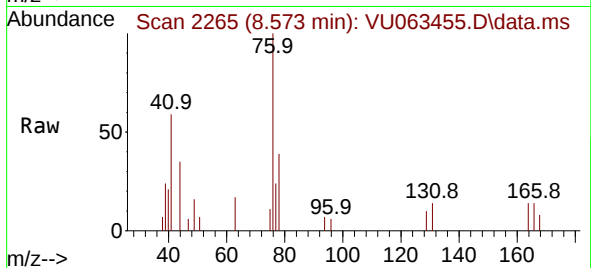
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 4368

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#54

2-Hexanone

Concen: 1.113 ug/l

RT: 8.705 min Scan# 2306

Delta R.T. 0.023 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

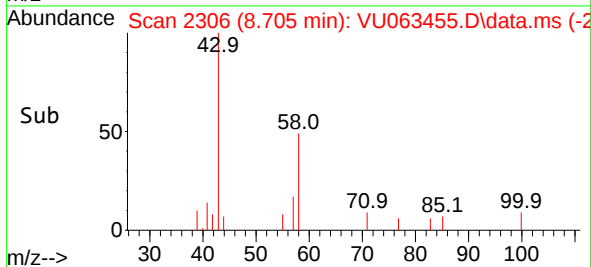
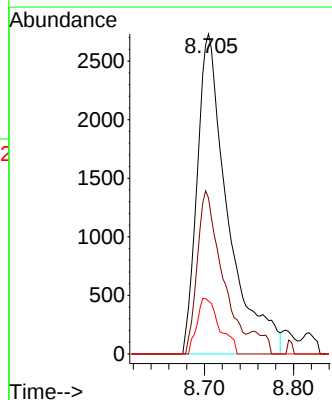
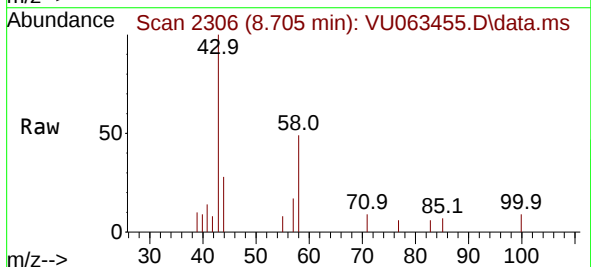
Tgt Ion: 43 Resp: 6516

Ion Ratio Lower Upper

43 100

58 41.1 36.9 76.9

57 12.9 0.0 38.8

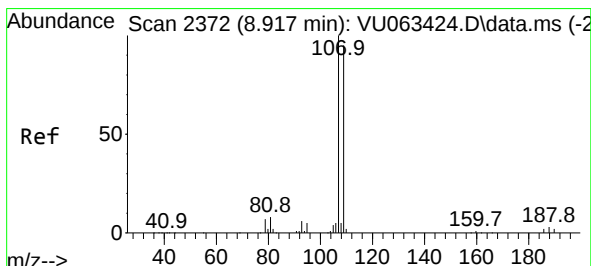
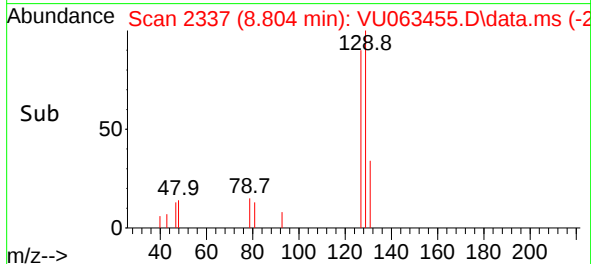
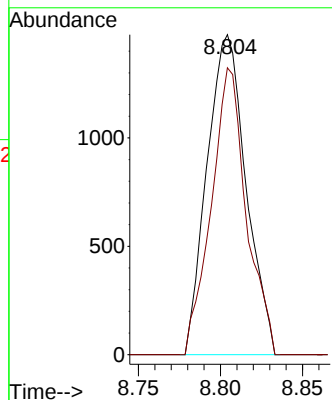
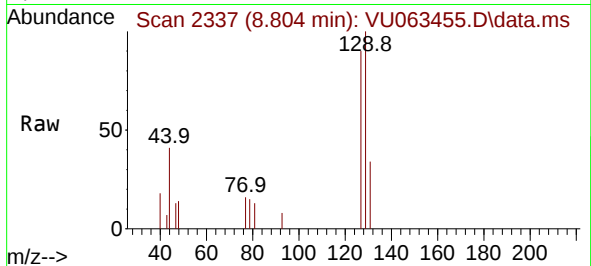




#55
Dibromochloromethane
Concen: 0.199 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

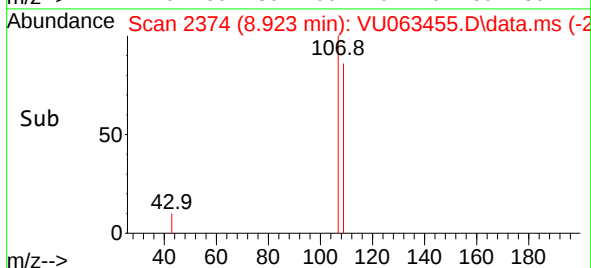
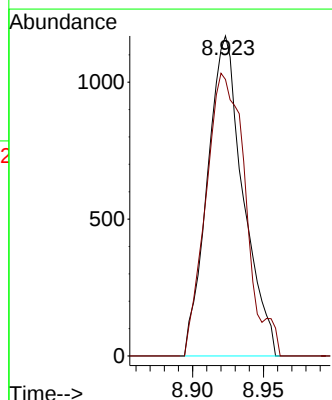
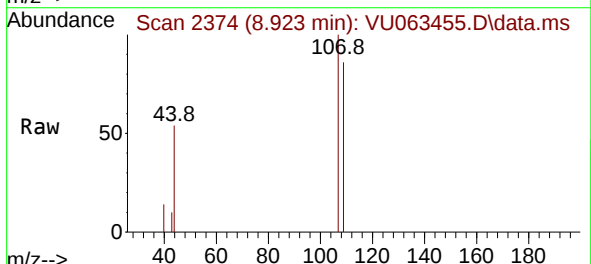
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

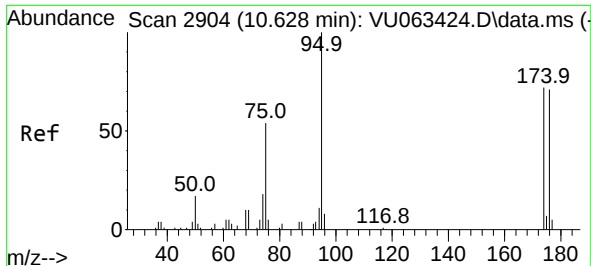
Tgt Ion:129 Resp: 2439
Ion Ratio Lower Upper
129 100
127 80.7 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.213 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:107 Resp: 2050
Ion Ratio Lower Upper
107 100
109 97.7 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.785 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.002 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

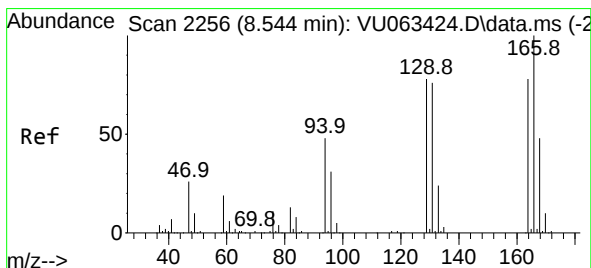
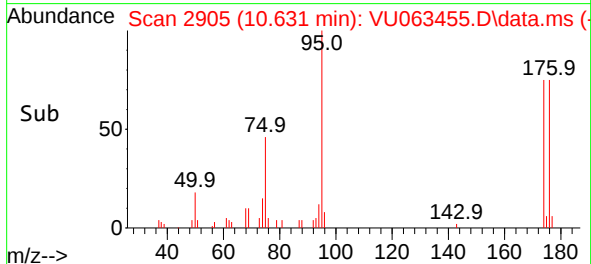
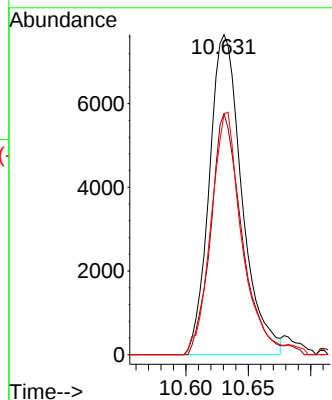
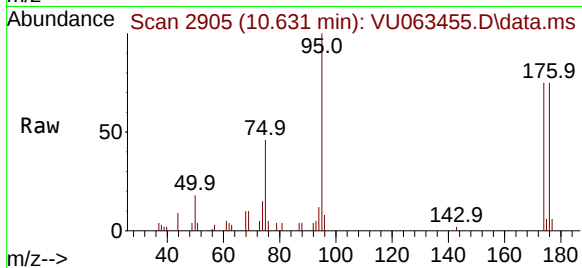
Tgt Ion: 95 Resp: 13929

Ion Ratio Lower Upper

95 100

174 72.8 59.4 89.2

176 73.0 57.8 86.6



#58

Tetrachloroethene

Concen: 0.220 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. -0.004 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Tgt Ion: 164 Resp: 3215

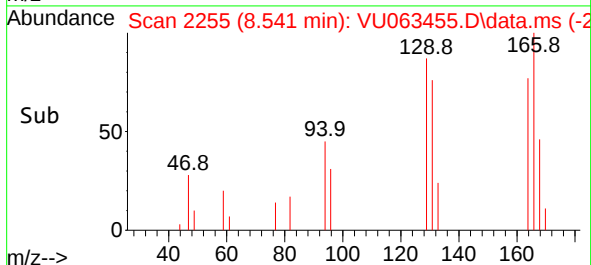
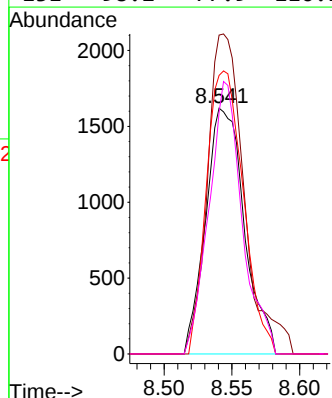
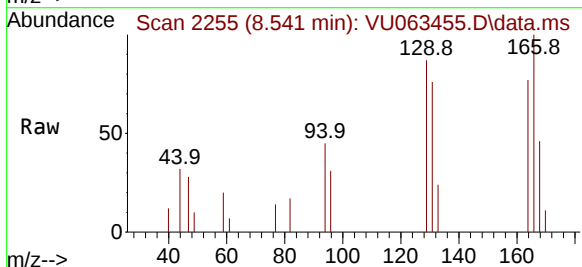
Ion Ratio Lower Upper

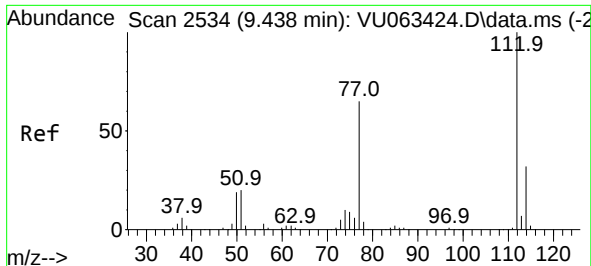
164 100

166 129.8 102.8 154.2

129 113.3 80.2 120.2

131 98.2 77.9 116.9





#59

Chlorobenzene

Concen: 0.179 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

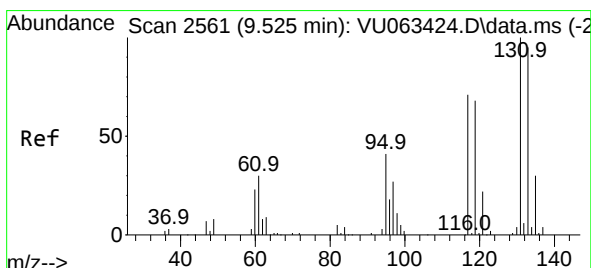
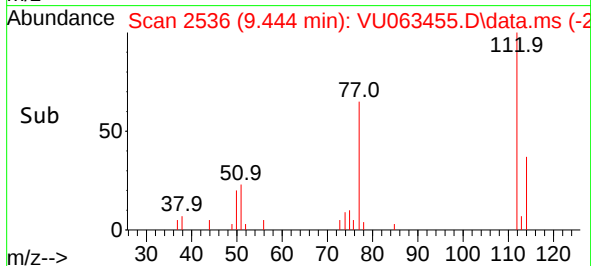
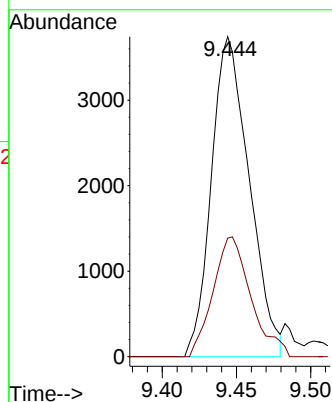
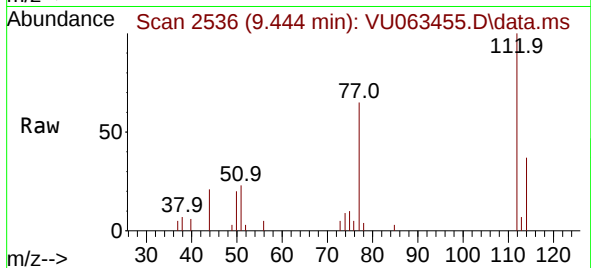
MDL-WATER-03-QT2-2025

Tgt Ion:112 Resp: 6638

Ion Ratio Lower Upper

112 100

114 37.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.210 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

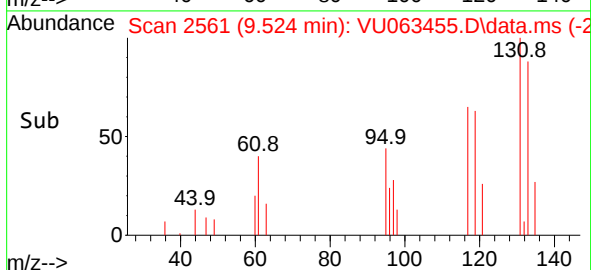
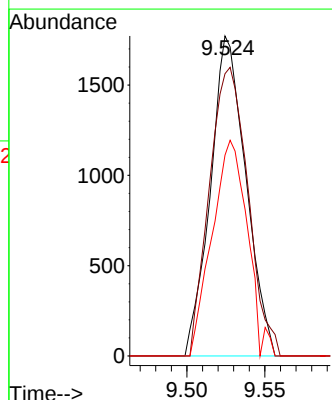
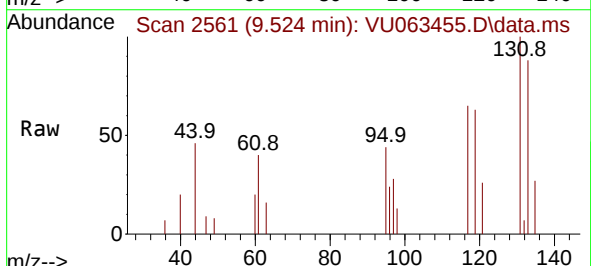
Tgt Ion:131 Resp: 2797

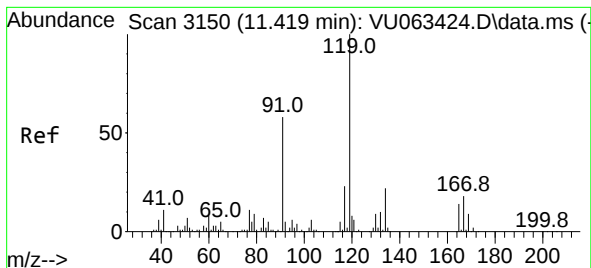
Ion Ratio Lower Upper

131 100

133 98.0 76.1 114.1

119 67.1 53.7 80.5





#61

Pentachloroethane

Concen: 0.216 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VU063455.D

Acq: 25 Jun 2025 13:02

Instrument :

MSVOA_U

ClientSampleId :

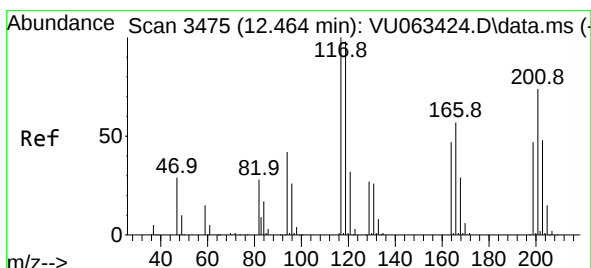
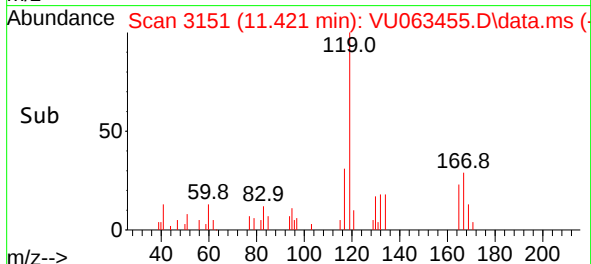
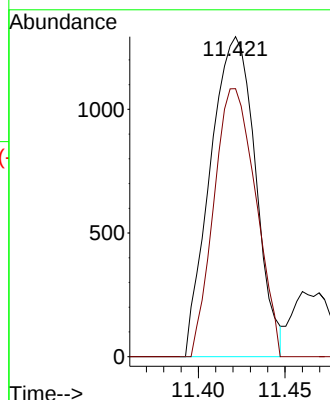
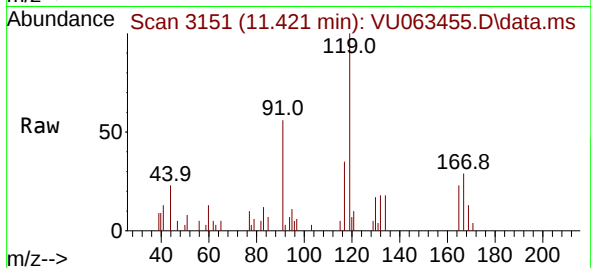
MDL-WATER-03-QT2-2025

Tgt Ion:117 Resp: 2350

Ion Ratio Lower Upper

117 100

167 77.6 58.1 87.1



#62

Hexachloroethane

Concen: 0.213 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.000 min

Lab File: VU063455.D

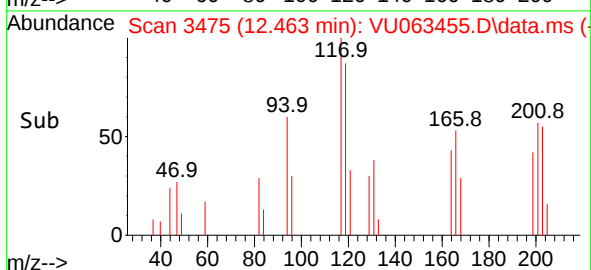
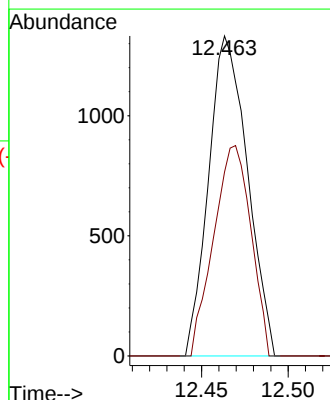
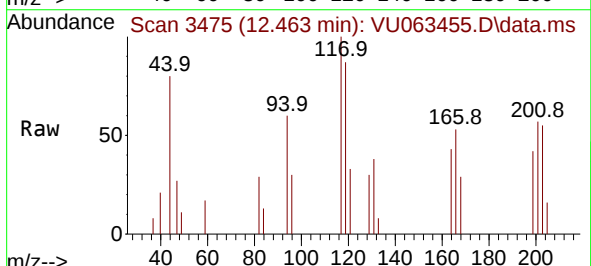
Acq: 25 Jun 2025 13:02

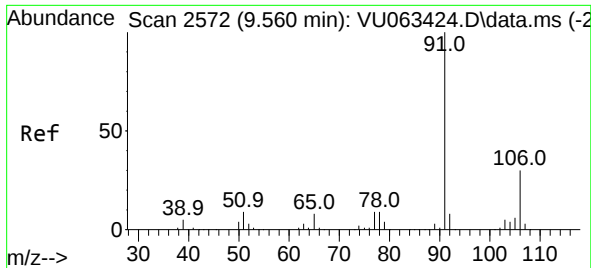
Tgt Ion:117 Resp: 2075

Ion Ratio Lower Upper

117 100

201 63.1 60.4 90.6

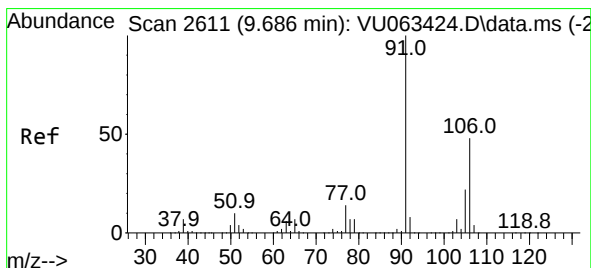
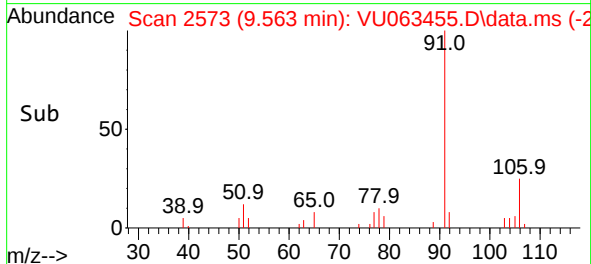
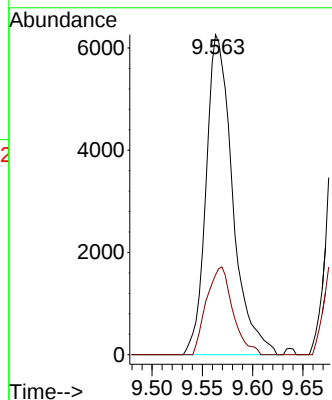
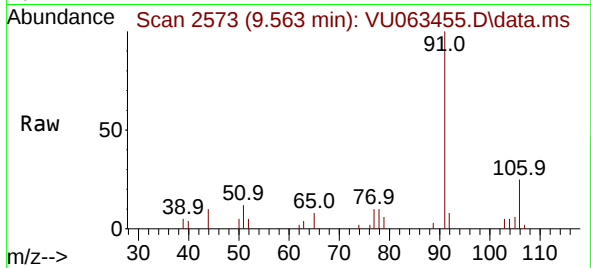




#63
Ethyl Benzene
Concen: 0.193 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

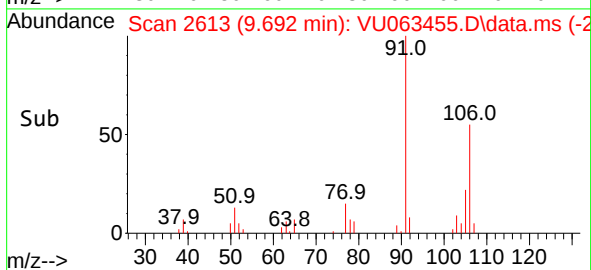
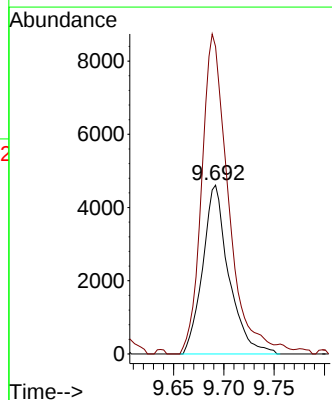
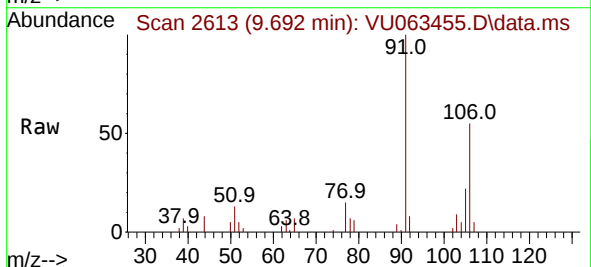
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

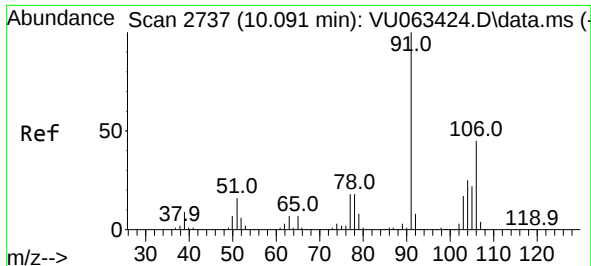
Tgt Ion: 91 Resp: 11469
Ion Ratio Lower Upper
91 100
106 25.0 24.2 36.2



#64
m/p-Xylenes
Concen: 0.358 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:106 Resp: 8302
Ion Ratio Lower Upper
106 100
91 195.3 169.9 254.9

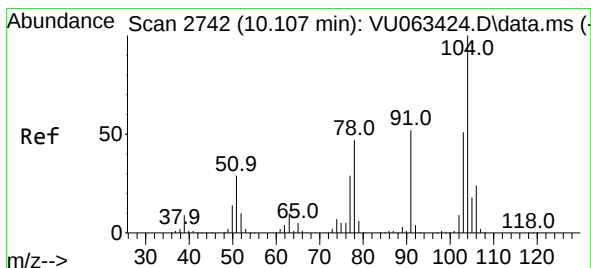
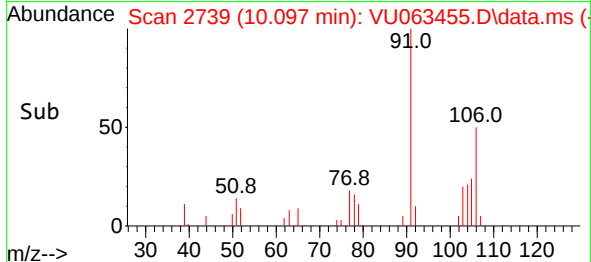
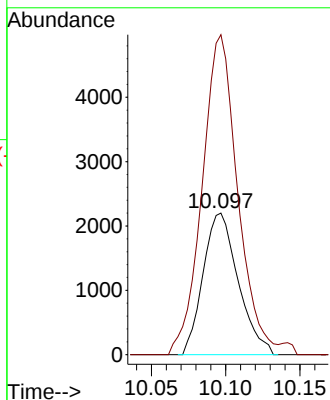
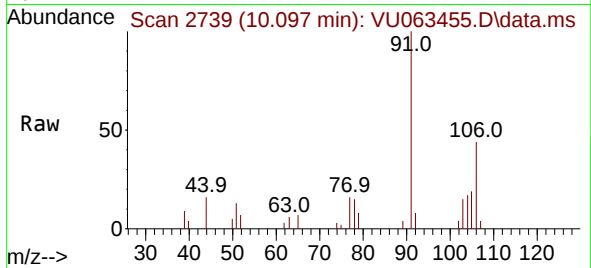




#65
o-Xylene
Concen: 0.160 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

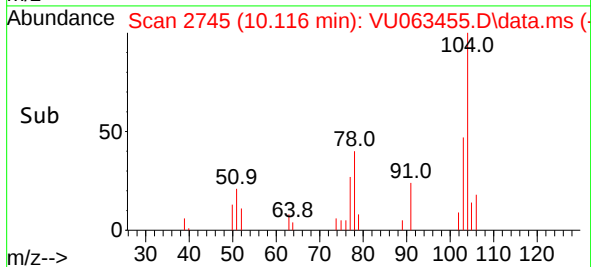
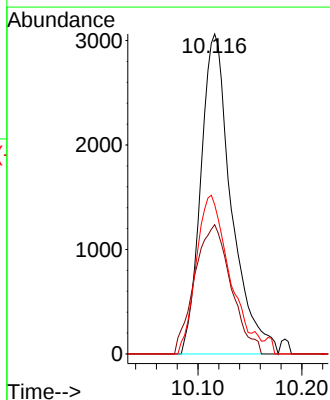
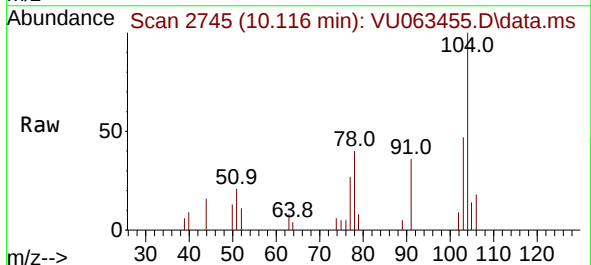
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

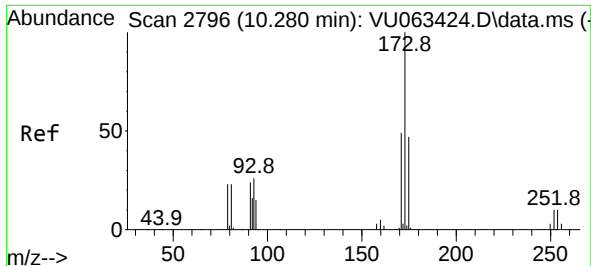
Tgt Ion:106 Resp: 3616
Ion Ratio Lower Upper
106 100
91 228.7 110.8 332.3



#66
Styrene
Concen: 0.170 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:104 Resp: 6241
Ion Ratio Lower Upper
104 100
78 48.3 41.6 62.4
103 55.9 44.6 67.0

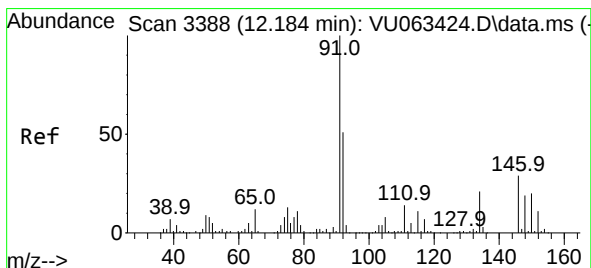
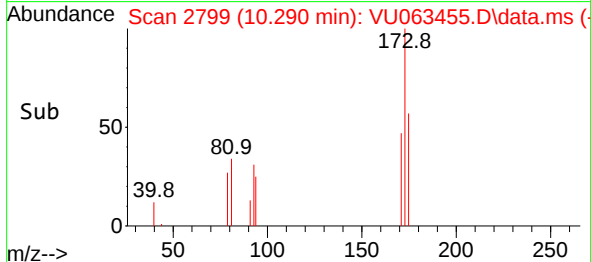
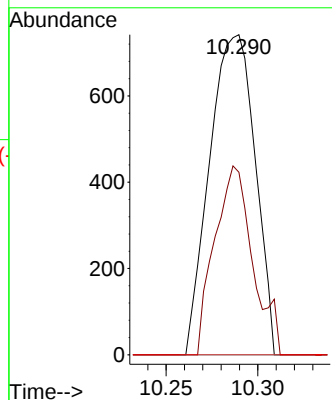
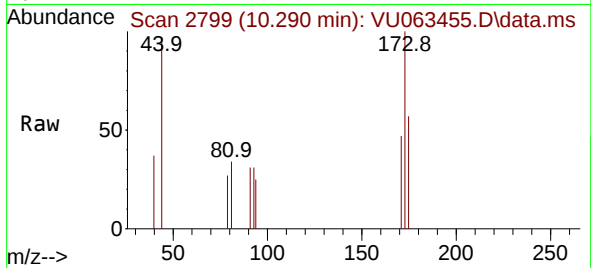




#67
Bromoform
Concen: 0.191 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

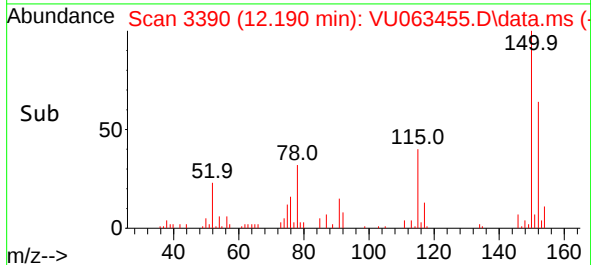
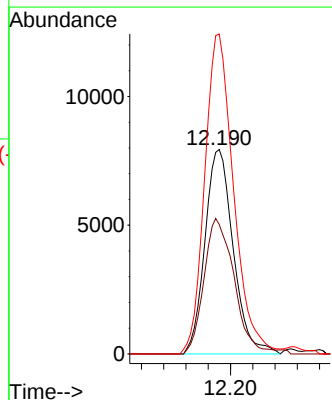
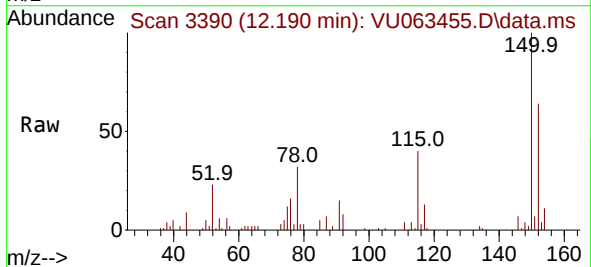
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:173 Resp: 1282
Ion Ratio Lower Upper
173 100
175 49.4 38.2 57.2
254 0.0 7.6 11.4#



#68
1,2-Dichlorobenzene-d4
Concen: 0.786 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:152 Resp: 14010
Ion Ratio Lower Upper
152 100
115 71.0 0.0 327.6
150 159.8 0.0 664.4

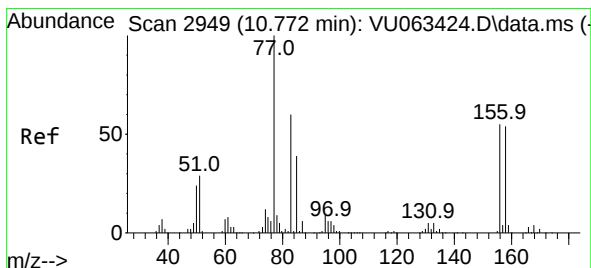
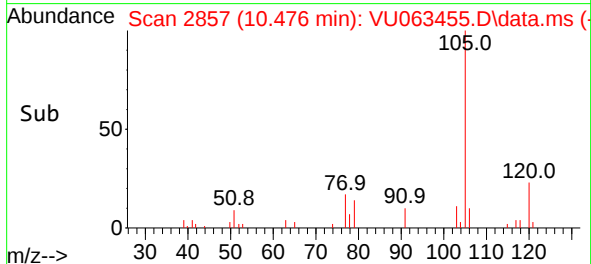
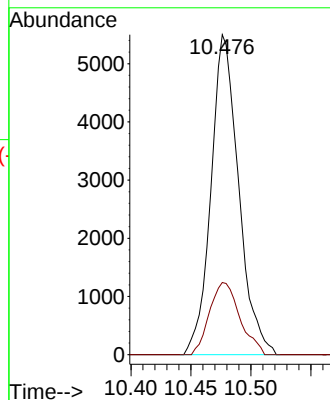
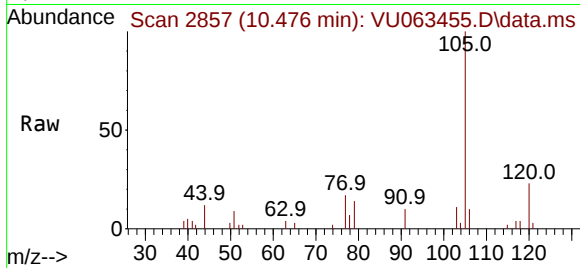




#69
Isopropylbenzene
Concen: 0.169 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

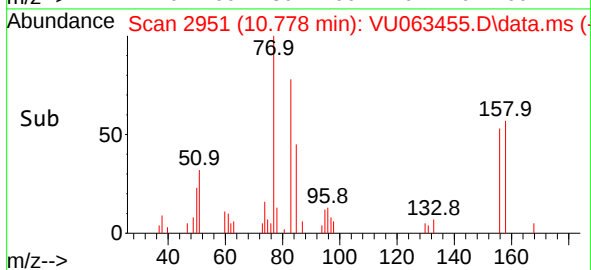
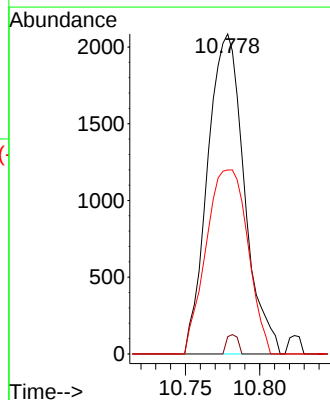
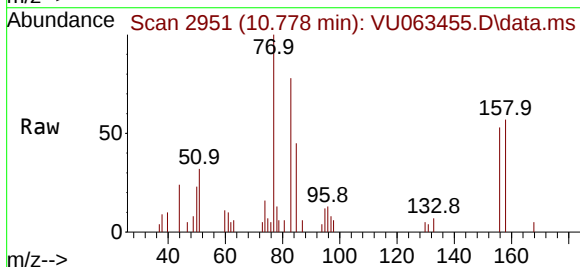
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

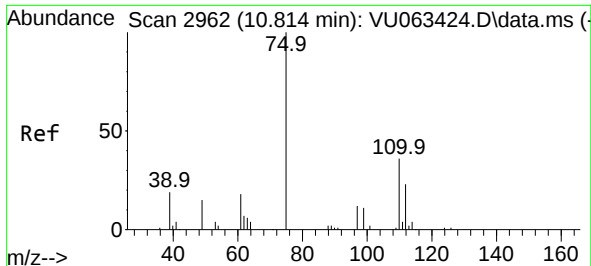
Tgt Ion:105 Resp: 8807
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 0.235 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 83 Resp: 3574
Ion Ratio Lower Upper
83 100
131 1.9 7.4 11.0#
85 65.5 51.3 76.9

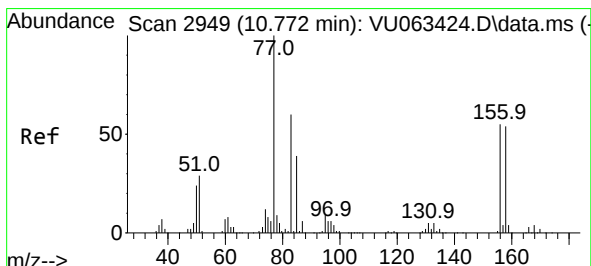
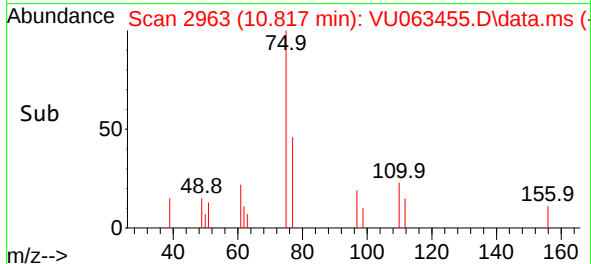
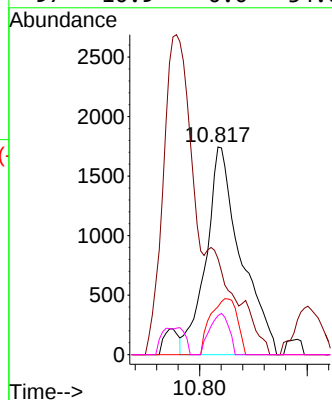
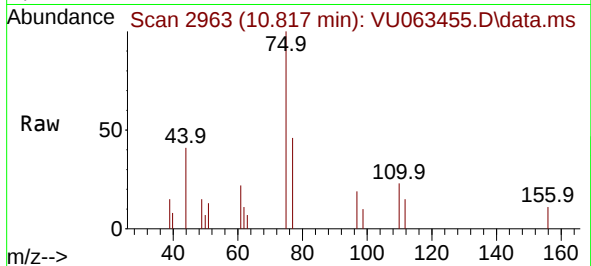




#71
1,2,3-Trichloropropane
Concen: 0.314 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

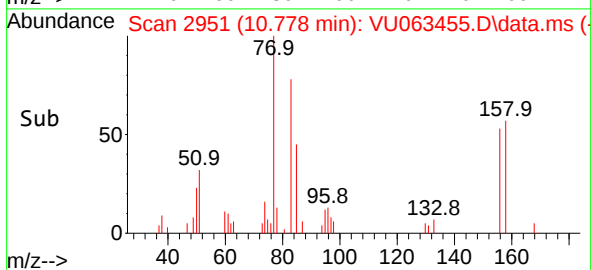
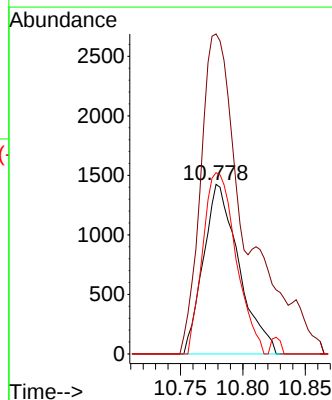
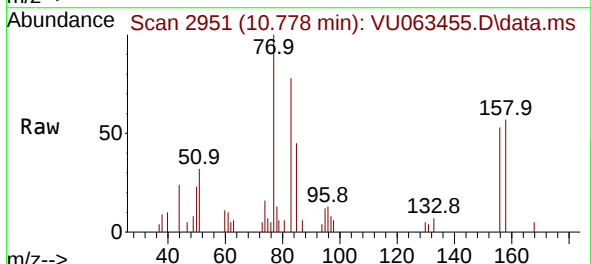
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

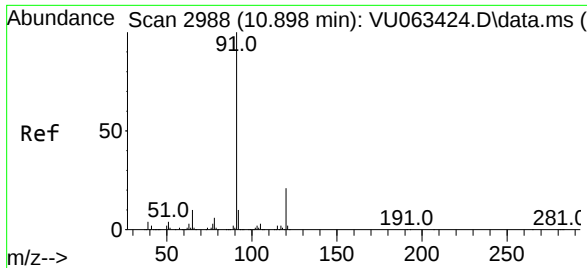
Tgt Ion:	75	Resp:	3898
Ion	Ratio	Lower	Upper
75	100		
77	17.4	0.0	0.0#
110	20.8	0.0	63.4
97	10.9	0.0	34.0



#72
Bromobenzene
Concen: 0.192 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:	156	Resp:	2818
Ion	Ratio	Lower	Upper
156	100		
77	180.4	0.0	416.2
158	100.2	0.0	190.6

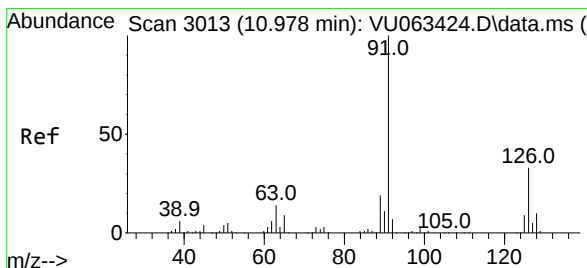
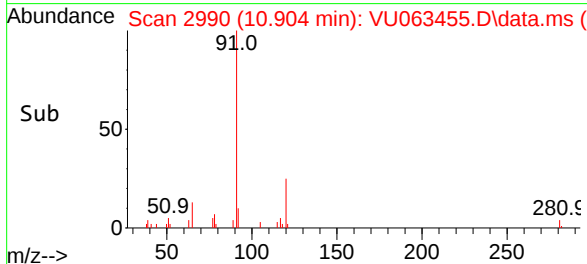
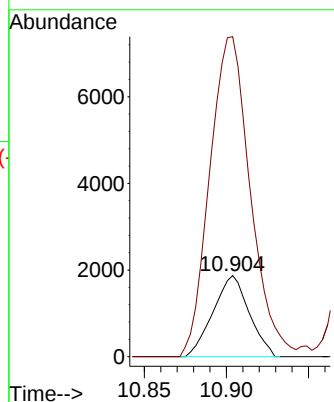
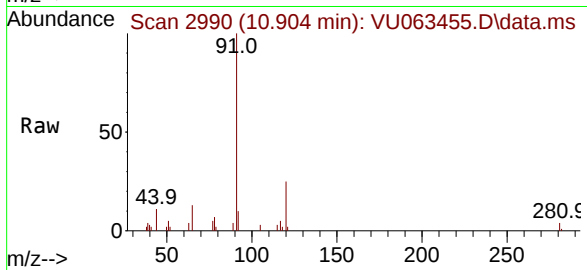




#73
n-propylbenzene
Concen: 0.180 ug/l
RT: 10.904 min Scan# 2988
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

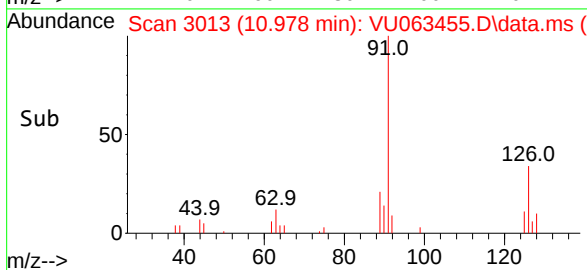
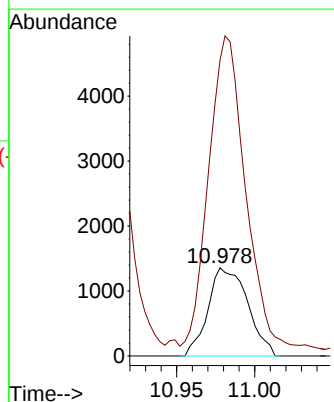
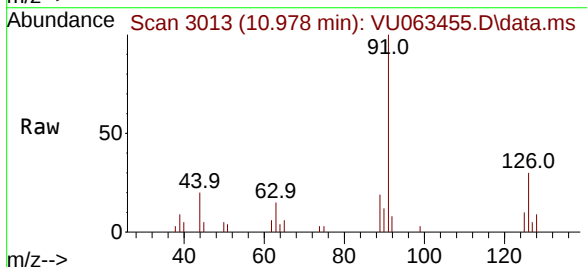
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

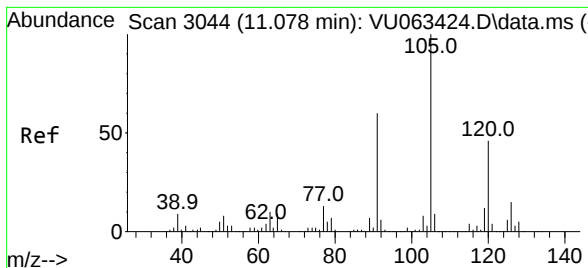
Tgt Ion:120 Resp: 2854
Ion Ratio Lower Upper
120 100
91 444.5 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.165 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:126 Resp: 2392
Ion Ratio Lower Upper
126 100
91 354.9 0.0 650.8

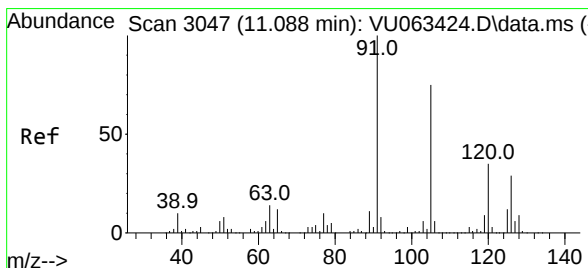
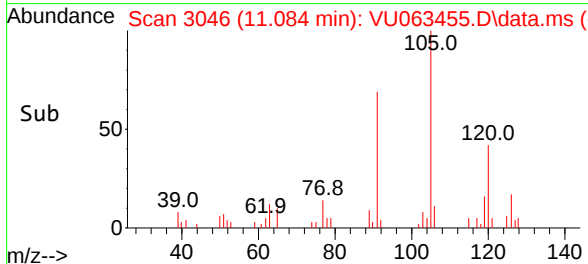
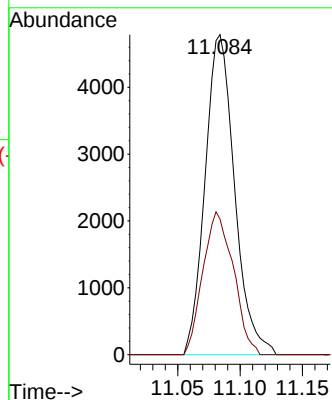
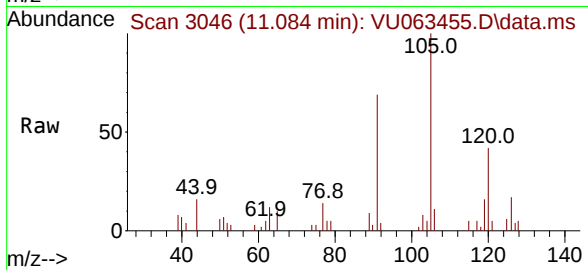




#75
1,3,5-Trimethylbenzene
Concen: 0.155 ug/l
RT: 11.084 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

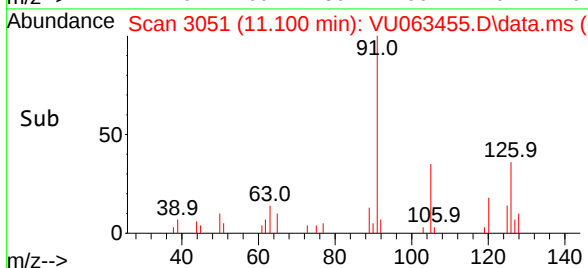
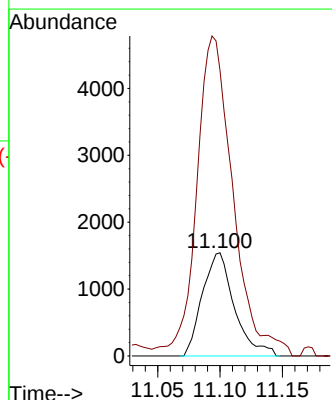
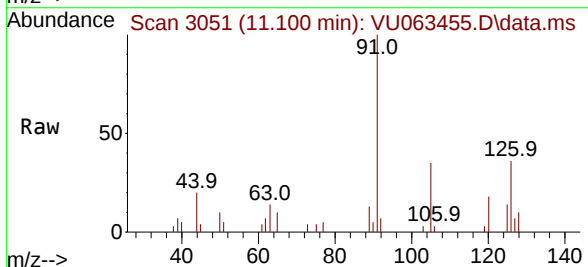
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

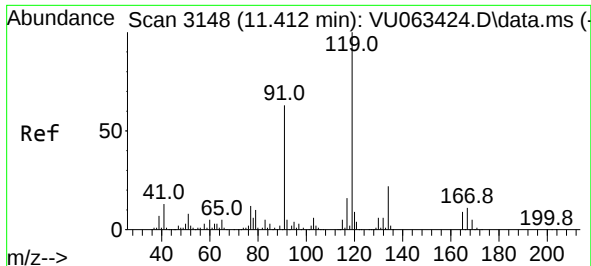
Tgt Ion:105 Resp: 7886
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.181 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.012 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:126 Resp: 2754
Ion Ratio Lower Upper
126 100
91 351.5 0.0 713.2

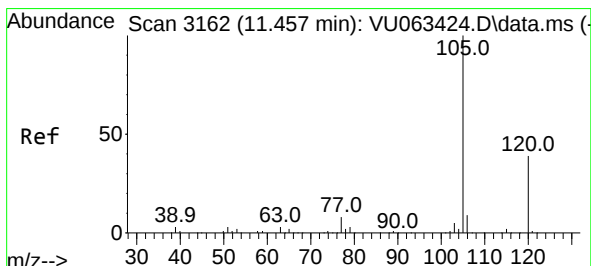
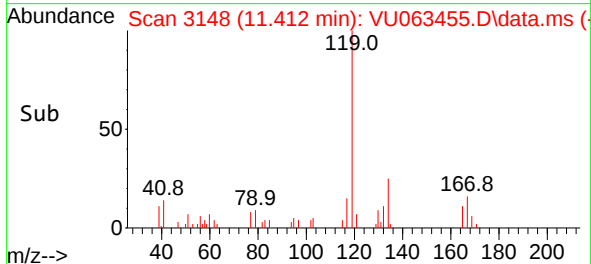
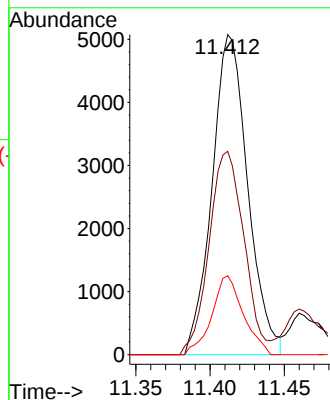
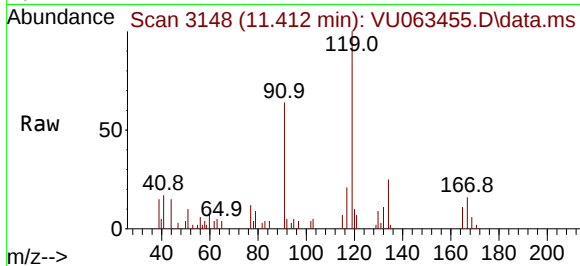




#77
 tert-Butylbenzene
 Concen: 0.177 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

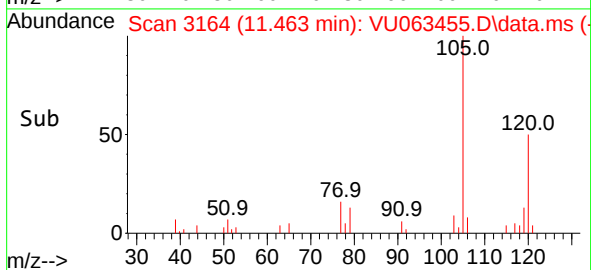
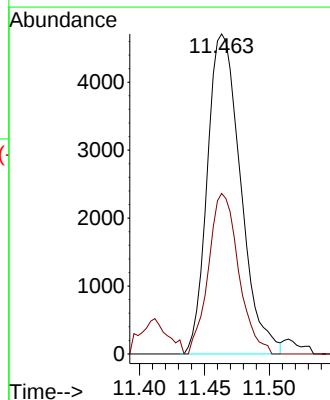
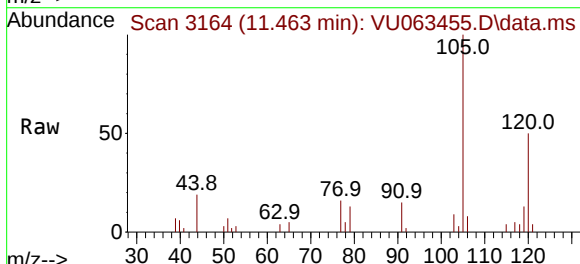
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

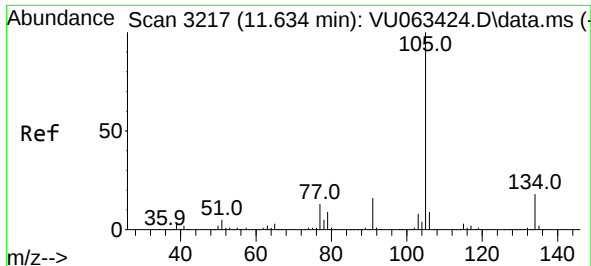
Tgt Ion:119	Resp:	8491
Ion	Ratio	Lower Upper
119	100	
91	62.2	30.9 92.7
134	21.8	17.9 26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 0.164 ug/l
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.006 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

Tgt Ion:105	Resp:	8392
Ion	Ratio	Lower Upper
105	100	
120	45.5	22.1 66.5

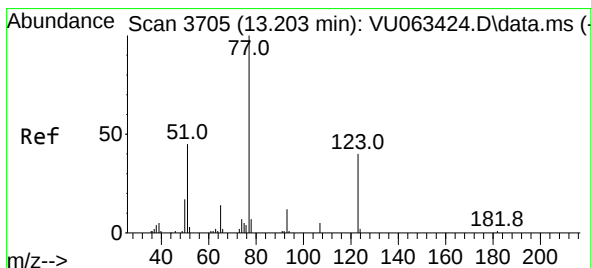
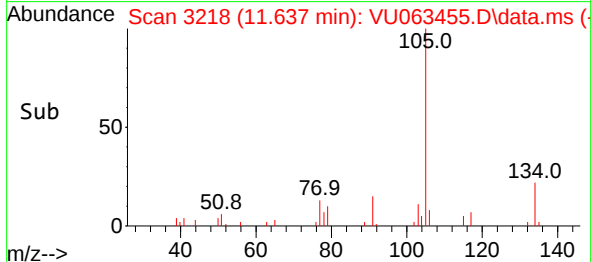
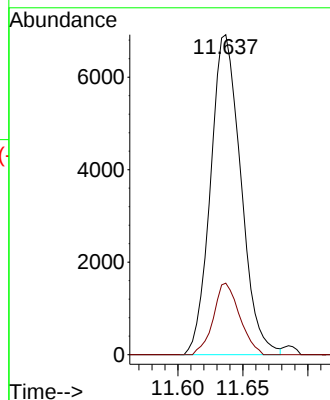
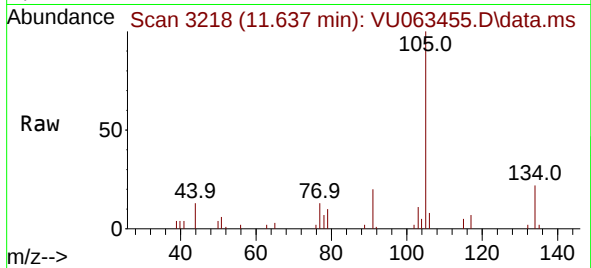




#79
 sec-Butylbenzene
 Concen: 0.165 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

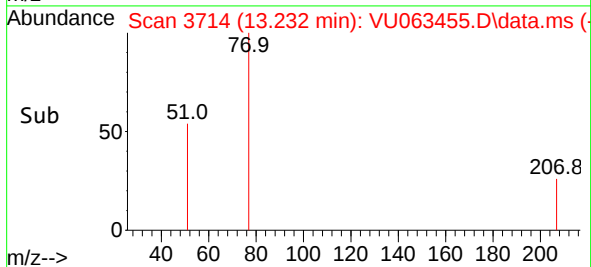
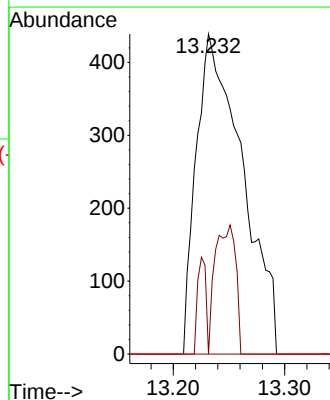
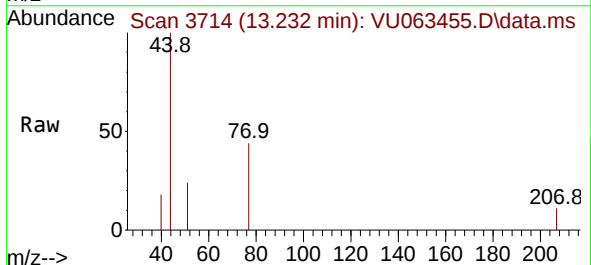
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

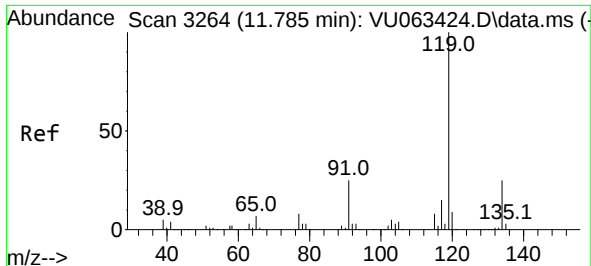
Tgt Ion:105 Resp: 11225
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.8 22.2



#80
 Nitrobenzene
 Concen: 1.820 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.029 min
 Lab File: VU063455.D
 Acq: 25 Jun 2025 13:02

Tgt Ion: 77 Resp: 1260
 Ion Ratio Lower Upper
 77 100
 123 5.5 19.6 69.6#
 65 0.0 10.6 13.4#

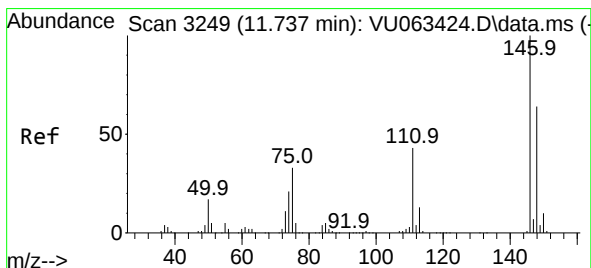
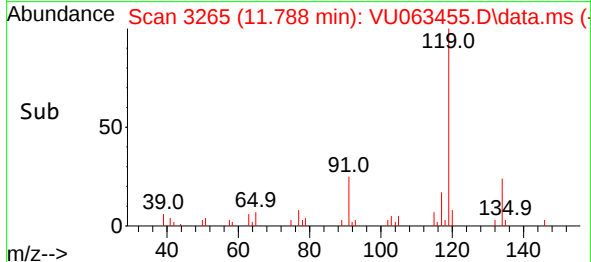
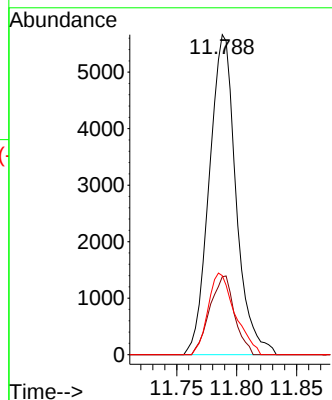
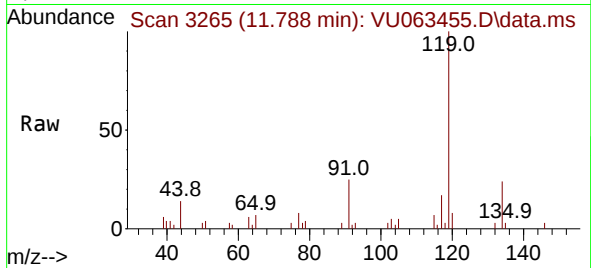




#81
p-Isopropyltoluene
Concen: 0.165 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

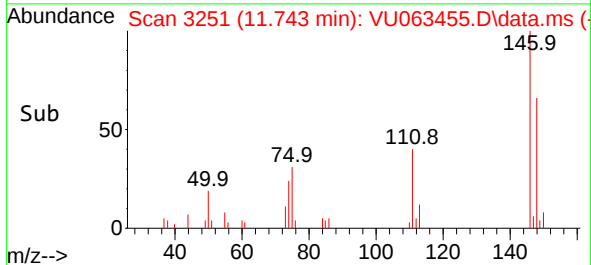
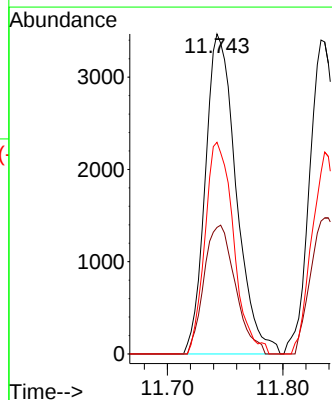
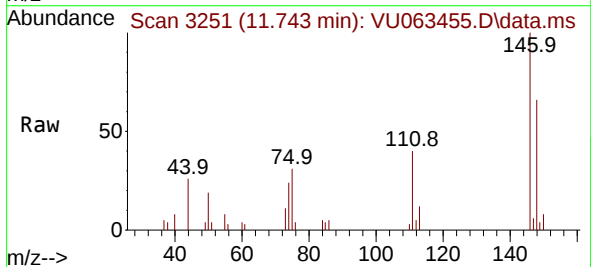
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

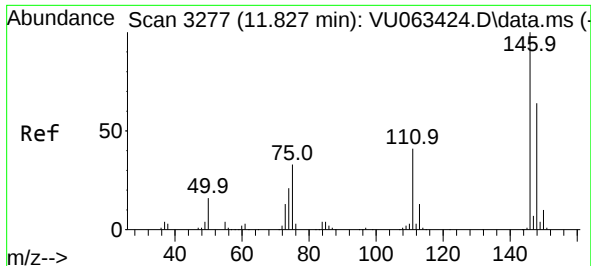
Tgt Ion:	119	Resp:	8761
Ion	Ratio	Lower	Upper
119	100		
134	22.7	20.2	30.2
91	25.8	19.7	29.5



#82
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:	146	Resp:	6441
Ion	Ratio	Lower	Upper
146	100		
111	40.8	34.3	51.5
148	61.3	51.0	76.4

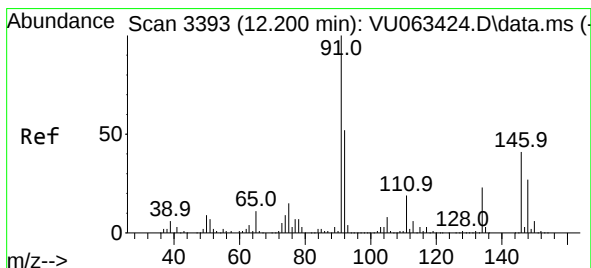
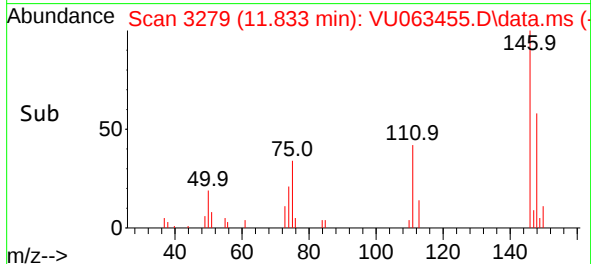
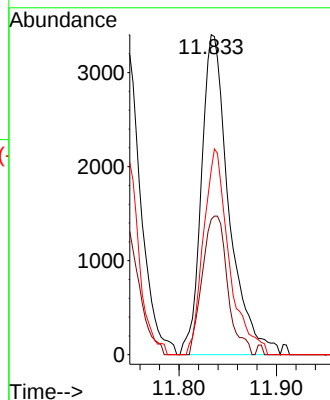
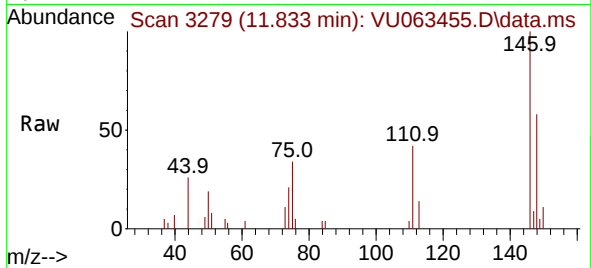




#83
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

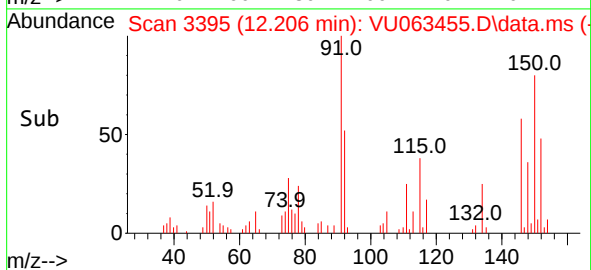
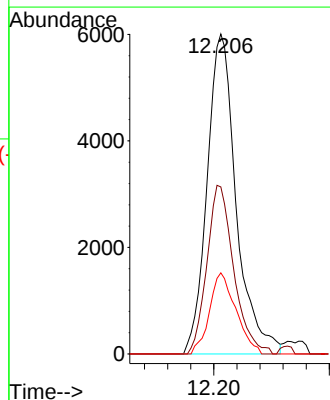
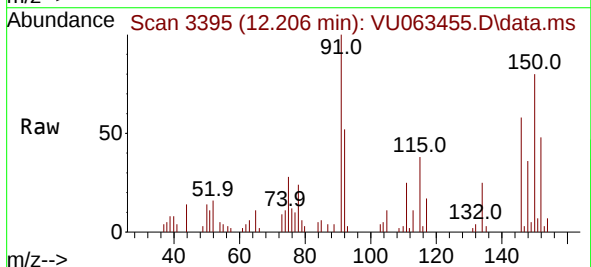
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

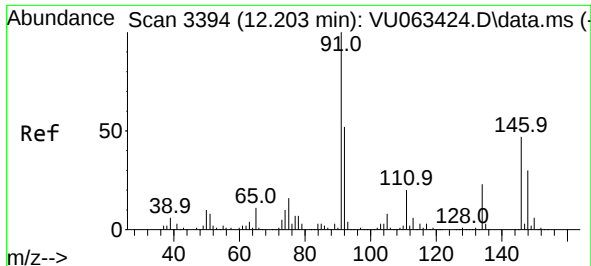
Tgt Ion:146 Resp: 6679
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 59.9 51.4 77.0



#84
n-Butylbenzene
Concen: 0.189 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion: 91 Resp: 10516
Ion Ratio Lower Upper
91 100
92 48.5 41.0 61.6
134 23.0 18.5 27.7

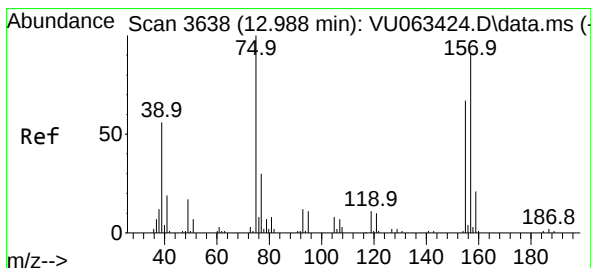
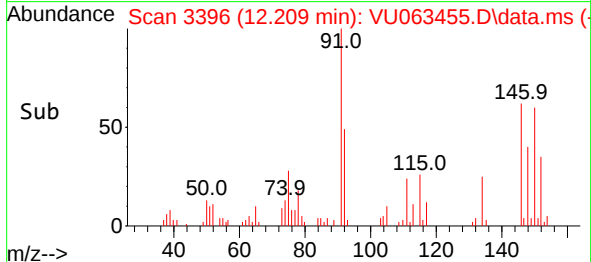
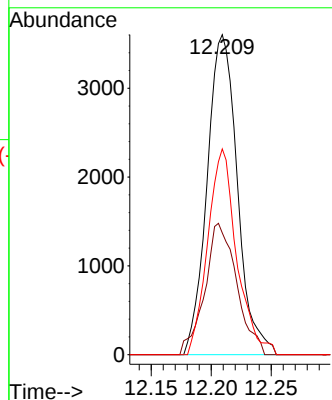
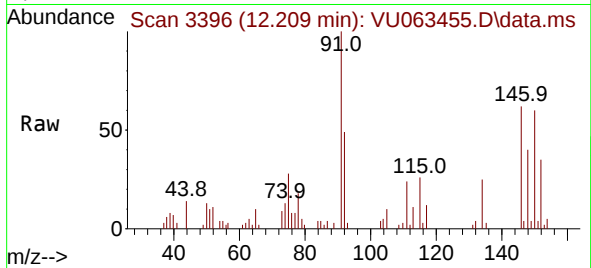




#85
1,2-Dichlorobenzene
Concen: 0.217 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

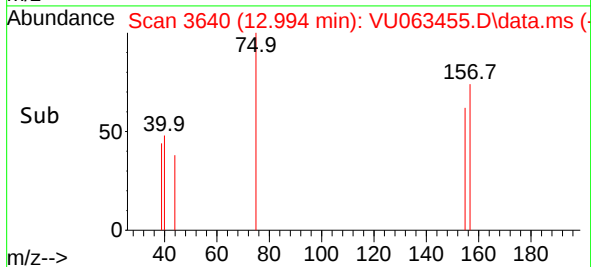
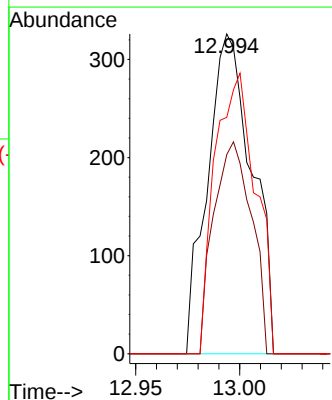
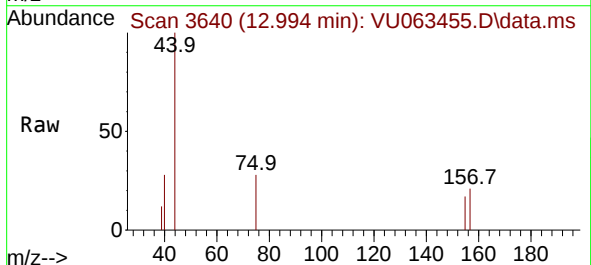
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

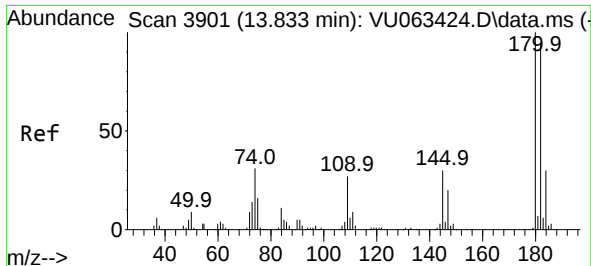
Tgt Ion:146 Resp: 6320
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.4
148 61.6 32.3 96.9



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.233 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

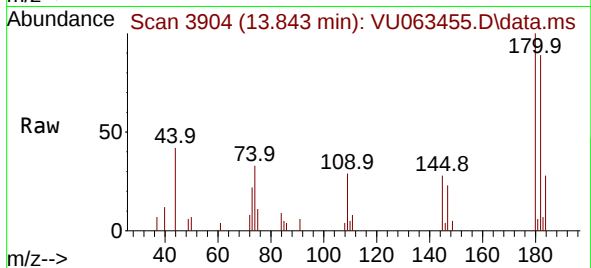
Tgt Ion: 75 Resp: 486
Ion Ratio Lower Upper
75 100
155 56.4 59.7 89.5#
157 80.2 75.0 112.4



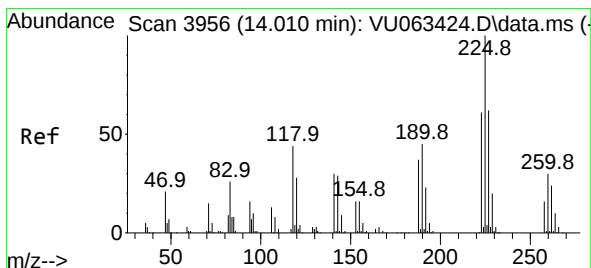
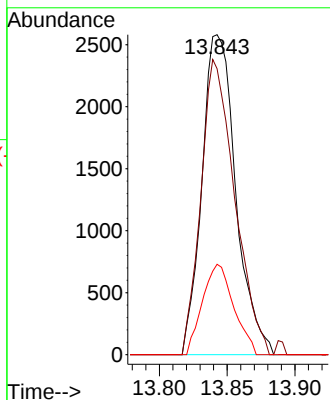
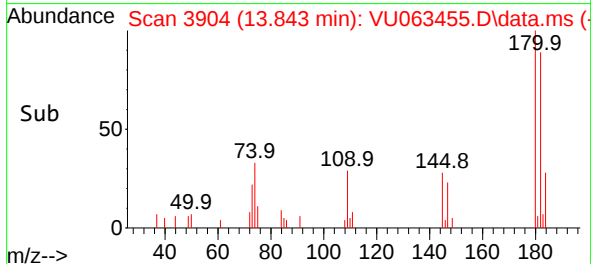


#87
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.009 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

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

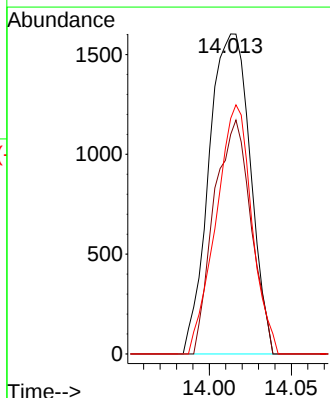
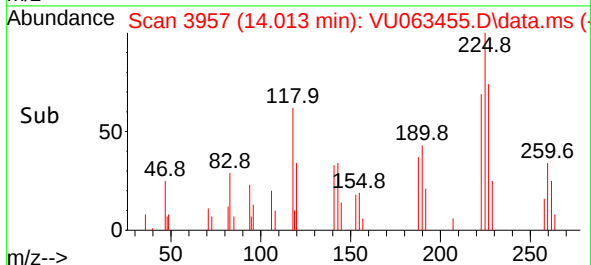
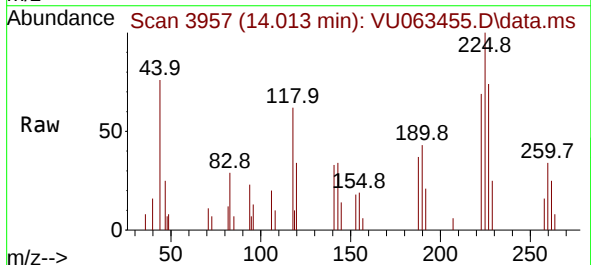


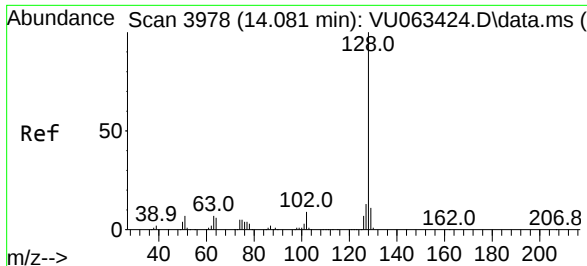
Tgt Ion:180 Resp: 4482
Ion Ratio Lower Upper
180 100
182 92.2 75.6 113.4
145 26.1 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.244 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:225 Resp: 2800
Ion Ratio Lower Upper
225 100
223 65.5 50.0 75.0
227 67.6 51.5 77.3

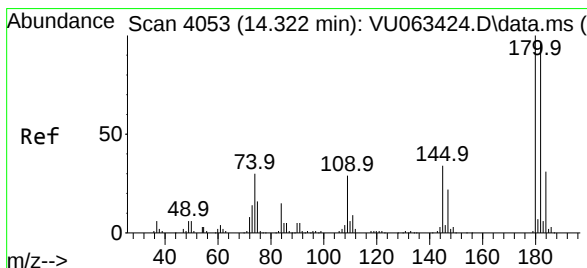
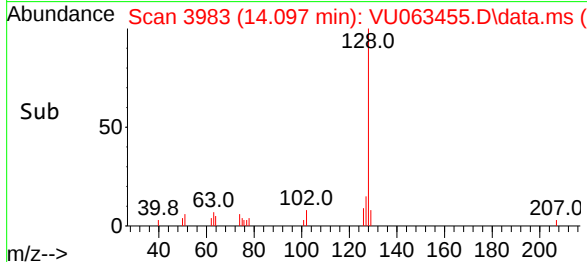
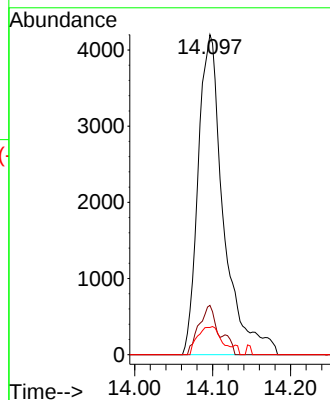
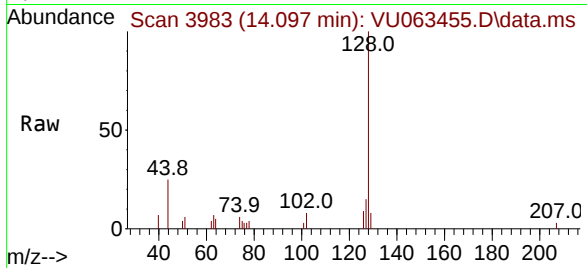




#89
Naphthalene
Concen: 0.351 ug/l
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

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

Tgt Ion:128 Resp: 9479
Ion Ratio Lower Upper
128 100
127 10.3 10.4 15.6#
129 8.3 8.7 13.1#



#90
1,2,3-Trichlorobenzene
Concen: 0.258 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063455.D
Acq: 25 Jun 2025 13:02

Tgt Ion:180 Resp: 4162
Ion Ratio Lower Upper
180 100
182 94.9 76.7 115.1
145 36.1 27.4 41.2

