

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063457.D
 Acq On : 25 Jun 2025 14:03
 Operator : MD/SY
 Sample : Q2126-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 26 01:57:41 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	6.103	96	46743	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15547	0.906	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15815	0.918	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	14898	0.830	ug/l	97
3) Chloromethane	1.518	50	17979	0.760	ug/l	95
4) Vinyl Chloride	1.599	62	16970	0.838	ug/l	98
5) Bromomethane	1.846	94	10996	1.133	ug/l	92
6) Chloroethane	1.924	64	9903	0.826	ug/l	99
7) Trichlorofluoromethane	2.126	101	18973	0.822	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	9828	0.799	ug/l	96
9) 1,1-Dichloroethene	2.570	96	9994	0.814	ug/l	98
10) Iodomethane	2.711	142	5872	0.593	ug/l	96
11) Allyl Chloride	2.907	41	15871	0.726	ug/l	100
12) Acrylonitrile	3.309	53	5824	1.642	ug/l	97
13) Acetone	2.624	43	10954	3.080	ug/l	96
14) Carbon Disulfide	2.776	76	33018	0.771	ug/l	100
15) Methylene Chloride	3.030	84	56531	3.634	ug/l	96
16) trans-1,2-Dichloroethene	3.335	96	11582	0.839	ug/l	91
17) 1,1-Dichloroethane	3.849	63	22481	0.775	ug/l	98
18) 2-Butanone	4.718	43	17262	3.488	ug/l	100
19) Cyclohexane	5.354	56	18315	0.835	ug/l	98
20) Methylcyclohexane	6.743	83	13603	0.668	ug/l	94
21) 2,2-Dichloropropane	4.647	77	16336	0.793	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	12176	0.808	ug/l	94
23) Diethyl Ether	2.370	59	8069	0.729	ug/l	97
24) tert-Butyl Alcohol	3.206	59	9281	7.955	ug/l	97
25) Methyl tert-Butyl Ether	3.367	73	26479	0.793	ug/l	98
26) Bromochloromethane	4.956	128	4611	0.786	ug/l	89
27) Chloroform	5.071	83	21469	0.790	ug/l	95
28) 1,1,1-Trichloroethane	5.293	97	16866	0.765	ug/l	97
29) 1,1-Dichloropropene	5.502	75	15897	0.789	ug/l	95
30) Carbon Tetrachloride	5.499	117	13842	0.786	ug/l	95
31) Isopropyl Ether	3.997	45	35213	0.777	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	28850	0.751	ug/l	95
33) Tert-Amyl methyl ether	5.946	73	20197	0.735	ug/l	100
34) Propionitrile	4.775	54	5396	3.769	ug/l #	93
35) Benzene	5.759	78	47526	0.780	ug/l	96
36) 1,2-Dichloroethane	5.785	62	13796	0.775	ug/l	98
37) Trichloroethene	6.531	130	10877	0.756	ug/l	97
38) 1,2-Dichloropropane	6.785	63	13228	0.786	ug/l	91
39) Methacrylonitrile	4.978	41	4546	0.763	ug/l #	94
40) Methyl acrylate	4.859	55	6170	0.738	ug/l #	71
41) Tetrahydrofuran	5.065	42	5181	1.617	ug/l	95
42) 1-Chlorobutane	5.438	56	20079	0.703	ug/l	97
43) Dibromomethane	6.914	93	5656	0.720	ug/l	97
44) Bromodichloromethane	7.100	83	14387	0.752	ug/l	97

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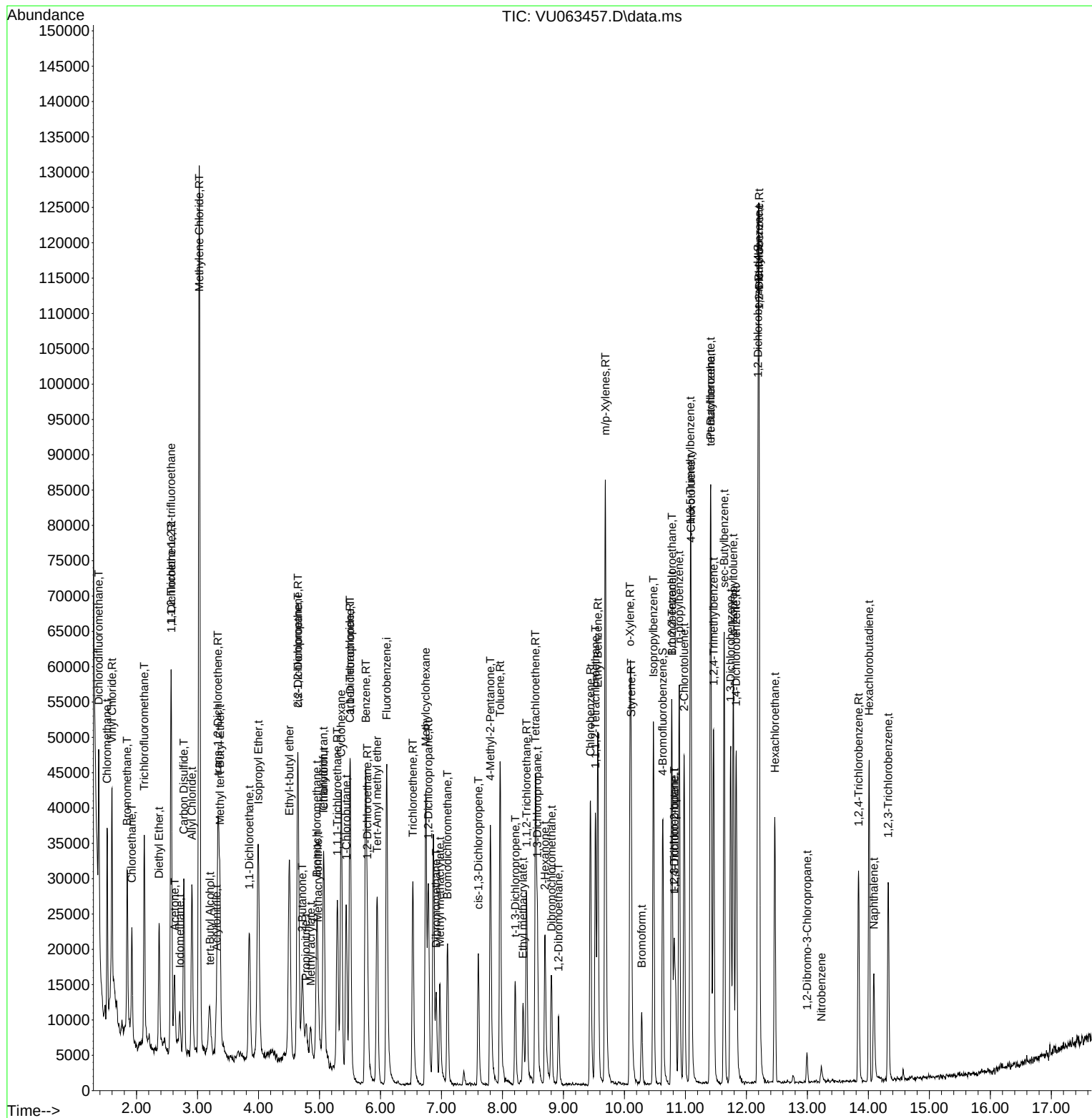
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	27233	3.228	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	12378	4.464	ug/l #	43
47) Methyl methacrylate	6.978	69	7763	1.275	ug/l	96
48) Ethyl methacrylate	8.338	69	7289	0.669	ug/l	96
49) Toluene	7.962	92	21918	0.655	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	9441	0.684	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	12180	0.657	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	9559	0.832	ug/l	95
53) 1,3-Dichloropropane	8.573	76	14677	0.743	ug/l	99
54) 2-Hexanone	8.698	43	17360	3.067	ug/l	91
55) Dibromochloromethane	8.804	129	8591	0.725	ug/l	96
56) 1,2-Dibromoethane	8.920	107	7194	0.772	ug/l	99
58) Tetrachloroethene	8.541	164	10622	0.752	ug/l	97
59) Chlorobenzene	9.444	112	24509	0.685	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	9956	0.773	ug/l	99
61) Pentachloroethane	11.415	117	8312	0.792	ug/l	93
62) Hexachloroethane	12.466	117	7360	0.780	ug/l	94
63) Ethyl Benzene	9.563	91	36768	0.641	ug/l	95
64) m/p-Xylenes	9.688	106	26172	1.169	ug/l	97
65) o-Xylene	10.094	106	12966	0.595	ug/l	99
66) Styrene	10.113	104	20999	0.591	ug/l	99
67) Bromoform	10.283	173	4671	0.721	ug/l	99
69) Isopropylbenzene	10.476	105	31970	0.633	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	11312	0.770	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	12378	1.031	ug/l #	86
72) Bromobenzene	10.778	156	9581	0.676	ug/l	86
73) n-propylbenzene	10.897	120	9696	0.633	ug/l	95
74) 2-Chlorotoluene	10.981	126	8926	0.637	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	29277	0.596	ug/l	98
76) 4-Chlorotoluene	11.094	126	8924	0.608	ug/l	96
77) tert-Butylbenzene	11.412	119	30223	0.651	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	28790	0.582	ug/l	99
79) sec-Butylbenzene	11.637	105	40160	0.611	ug/l	98
80) Nitrobenzene	13.229	77	1775	2.651	ug/l #	96
81) p-Isopropyltoluene	11.785	119	31120	0.606	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	21480	0.731	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	20722	0.680	ug/l	97
84) n-Butylbenzene	12.203	91	31547	0.586	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	19915	0.708	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1361	0.674	ug/l	92
87) 1,2,4-Trichlorobenzene	13.839	180	10375	0.662	ug/l	99
88) Hexachlorobutadiene	14.013	225	8070	0.726	ug/l	95
89) Naphthalene	14.090	128	16000	0.613	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	9804	0.629	ug/l	95

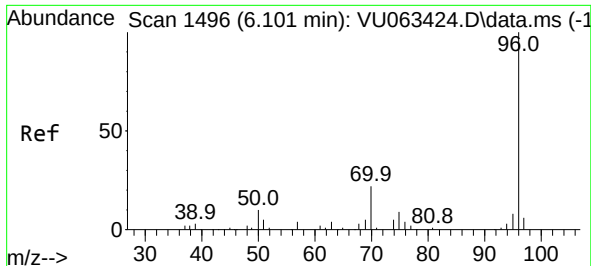
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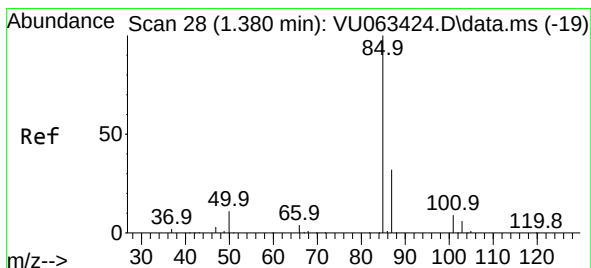
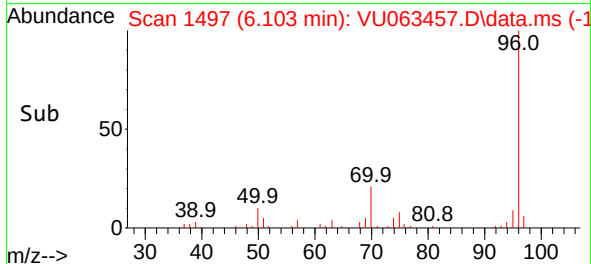
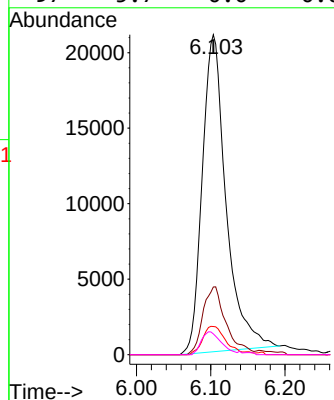
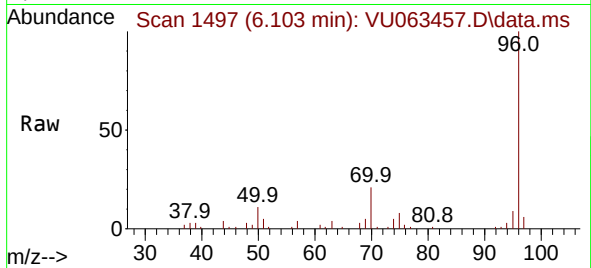




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

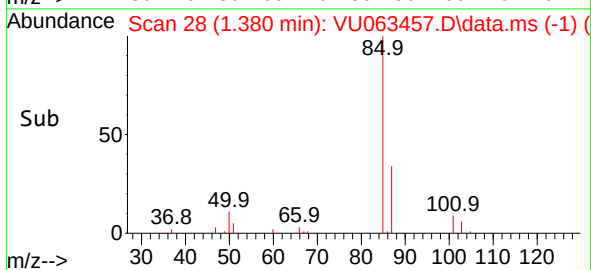
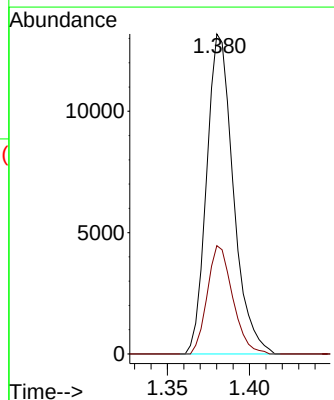
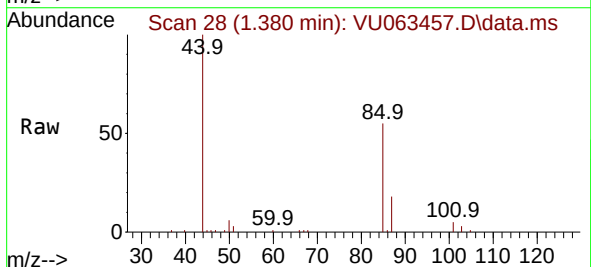
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MSVOA_U
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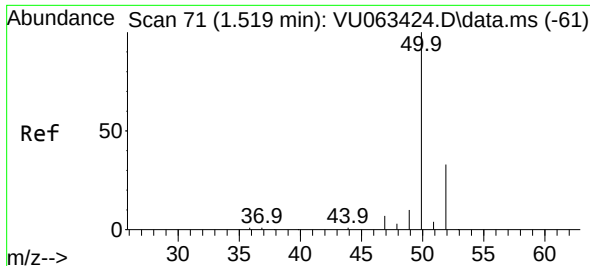
Tgt Ion:	96	Resp:	46743
Ion	Ratio	Lower	Upper
96	100		
70	19.5	16.4	24.6
95	8.3	6.2	9.2
97	5.7	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.830 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063457.D
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Tgt Ion:	85	Resp:	14898
Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.2	48.5

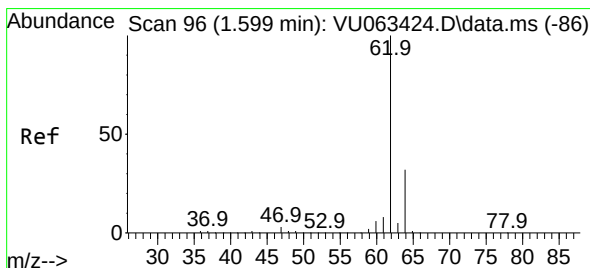
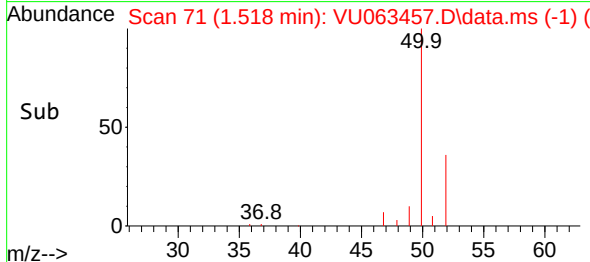
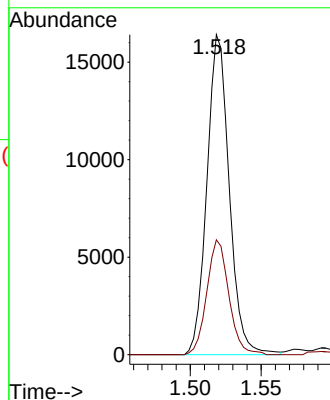
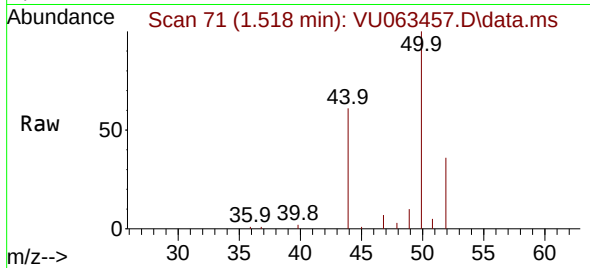




#3
Chloromethane
Concen: 0.760 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

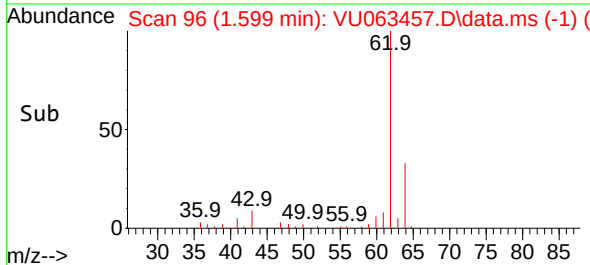
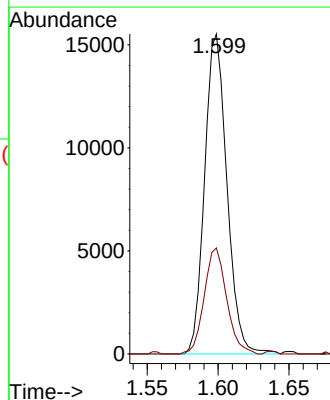
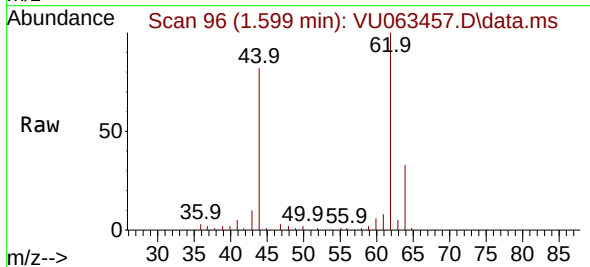
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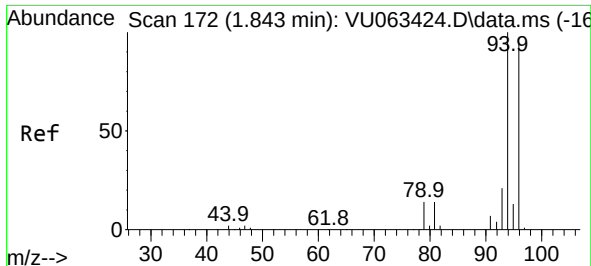
Tgt Ion: 50 Resp: 17979
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0



#4
Vinyl Chloride
Concen: 0.838 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 62 Resp: 16970
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5





#5

Bromomethane

Concen: 1.133 ug/l

RT: 1.846 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

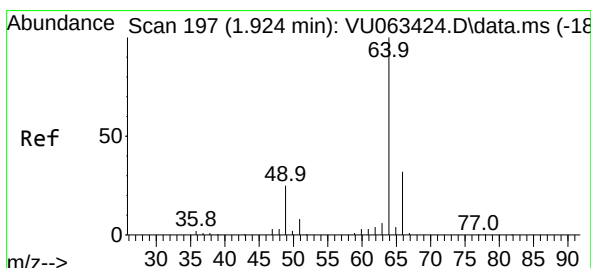
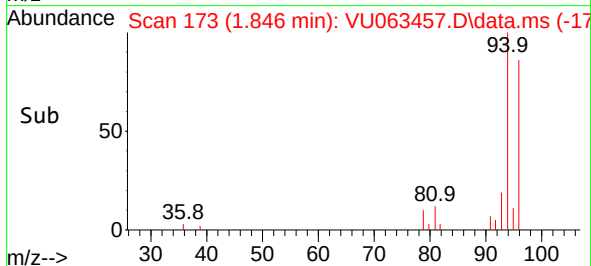
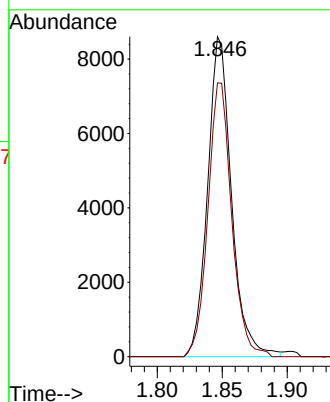
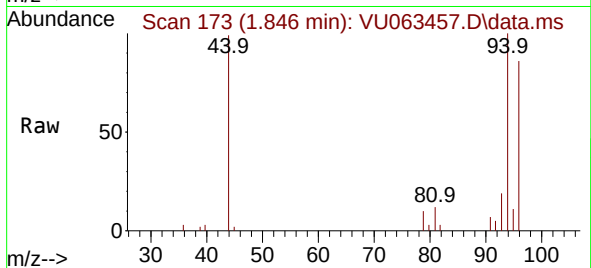
MDL-WATER-03-QT2-2025

Tgt Ion: 94 Resp: 10996

Ion Ratio Lower Upper

94 100

96 85.6 74.8 112.2



#6

Chloroethane

Concen: 0.826 ug/l

RT: 1.924 min Scan# 197

Delta R.T. -0.000 min

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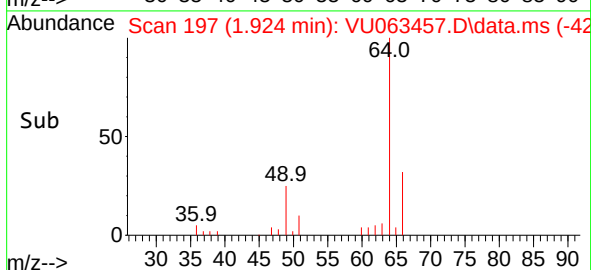
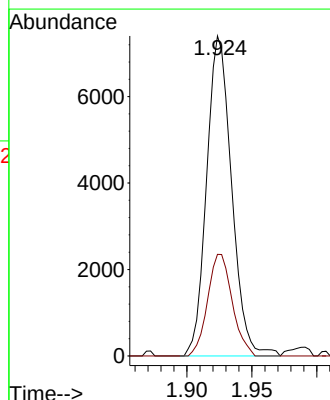
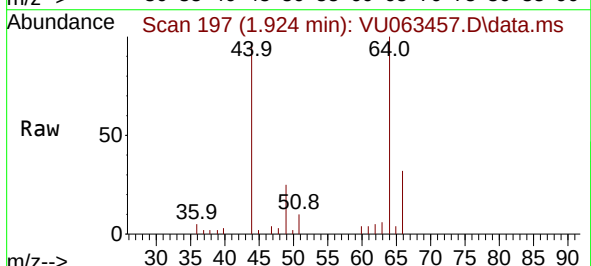
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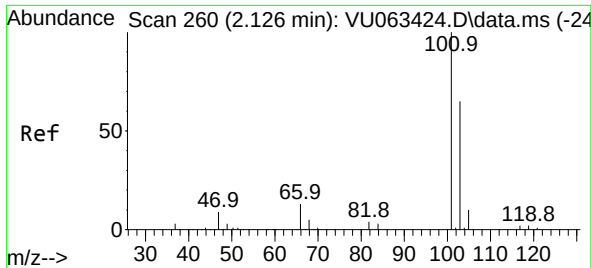
Tgt Ion: 64 Resp: 9903

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

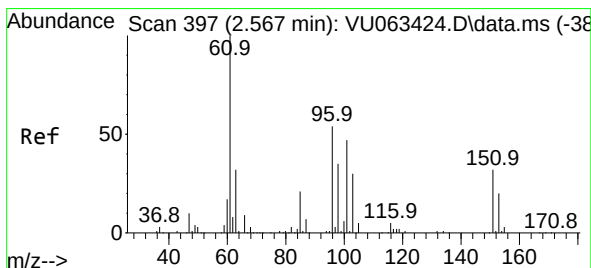
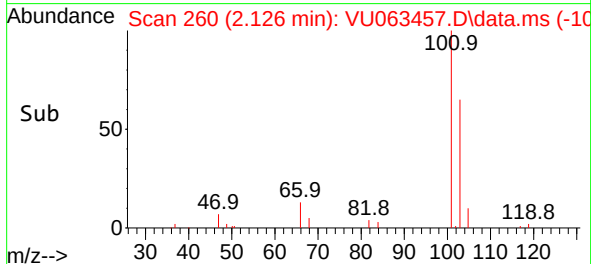
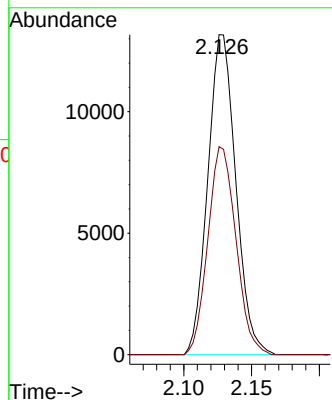
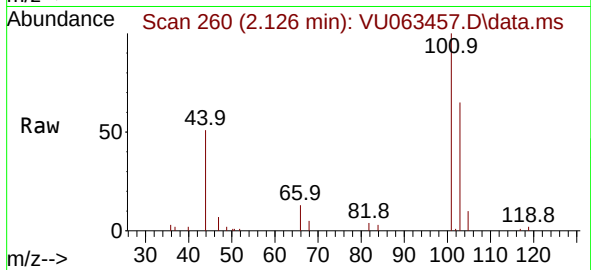




#7
 Trichlorofluoromethane
 Concen: 0.822 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
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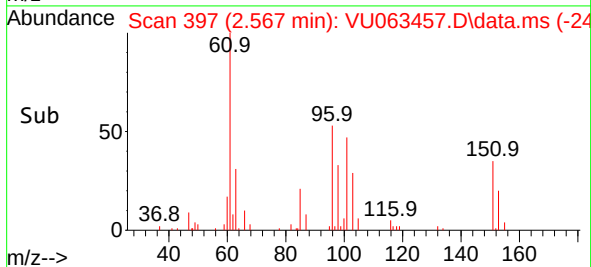
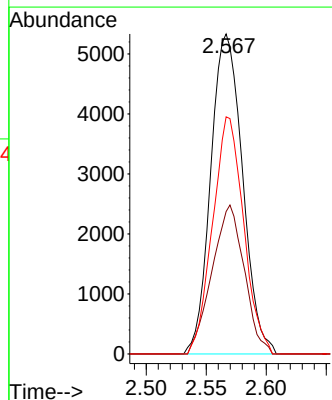
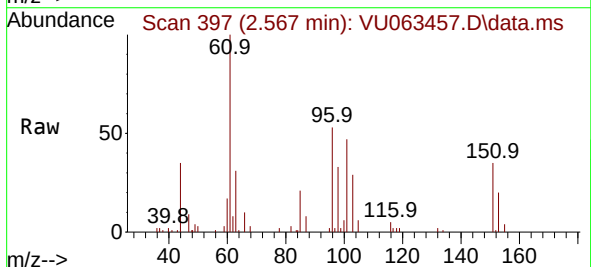
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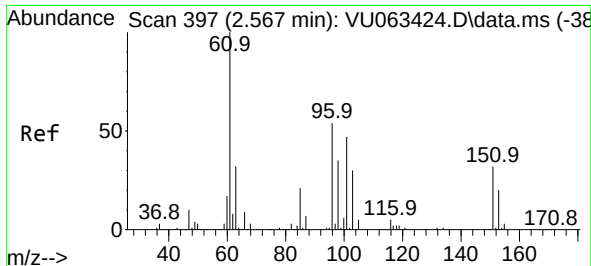
Tgt Ion:101 Resp: 18973
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.799 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063457.D
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Tgt Ion:101 Resp: 9828
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.7 55.1
 151 72.2 53.9 80.9

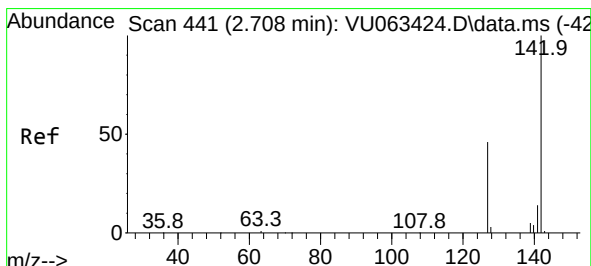
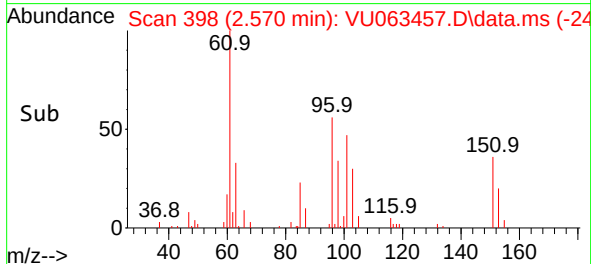
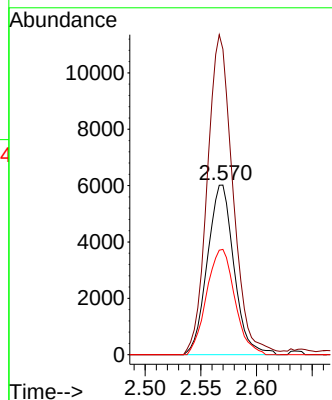
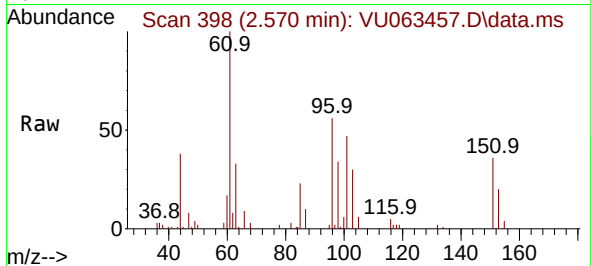




#9
1,1-Dichloroethene
Concen: 0.814 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

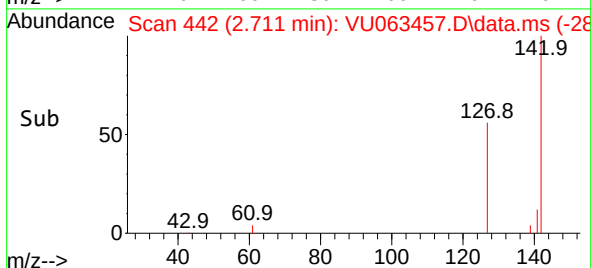
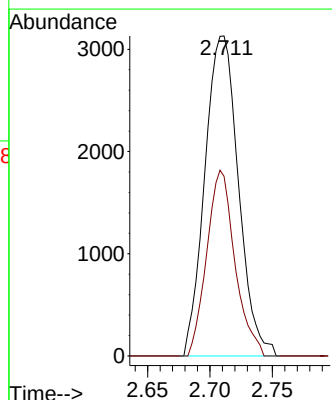
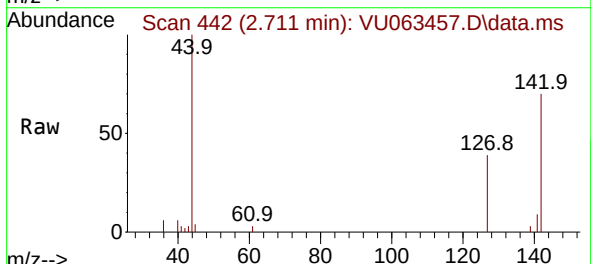
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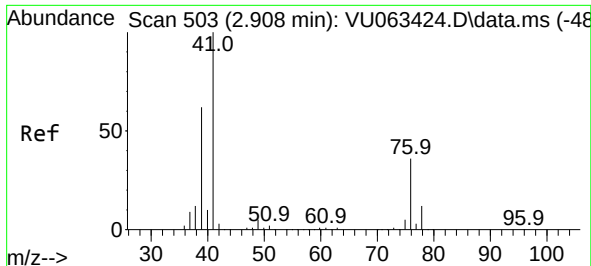
Tgt Ion: 96 Resp: 9994
Ion Ratio Lower Upper
96 100
61 180.1 0.0 552.0
98 64.8 0.0 128.4



#10
Iodomethane
Concen: 0.593 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 142 Resp: 5872
Ion Ratio Lower Upper
142 100
127 48.7 36.9 55.3

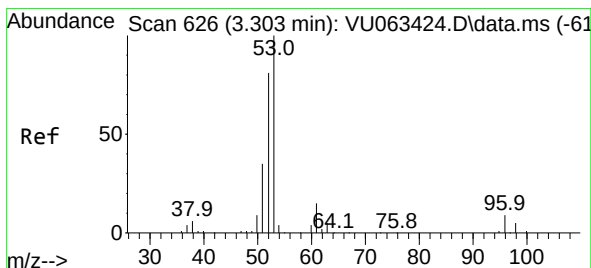
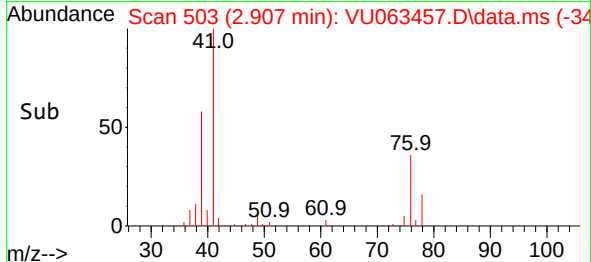
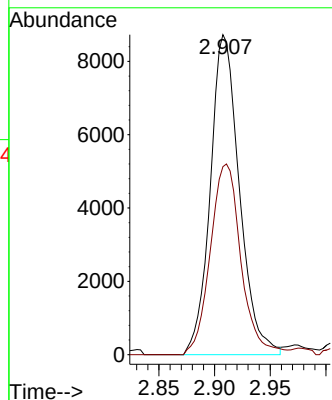
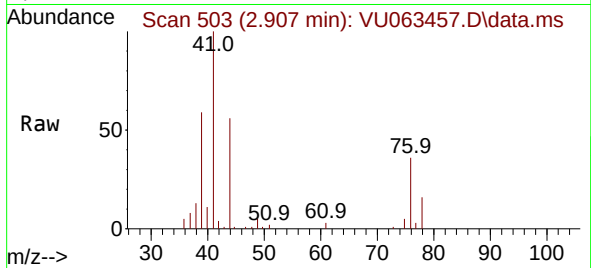




#11
 Allyl Chloride
 Concen: 0.726 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

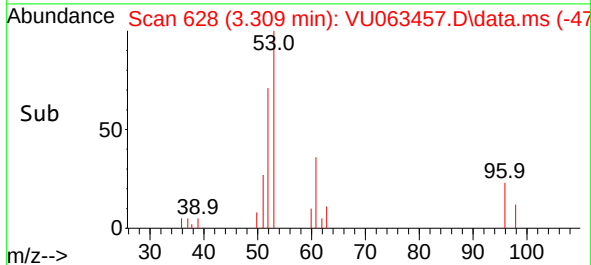
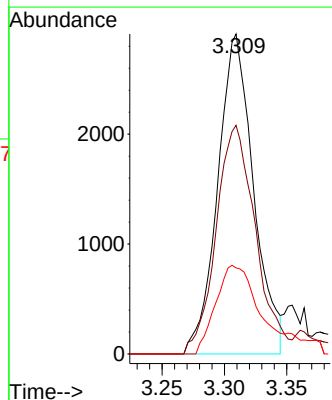
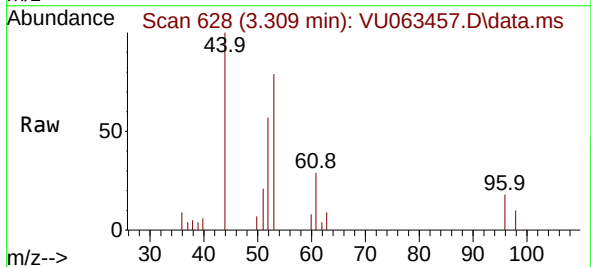
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

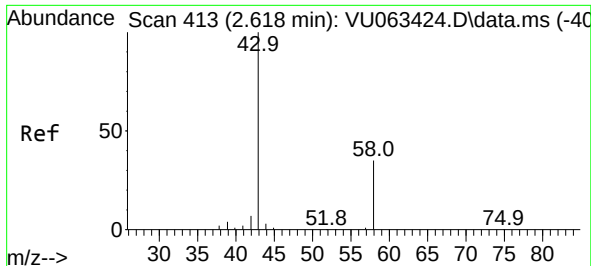
Tgt Ion: 41 Resp: 15871
 Ion Ratio Lower Upper
 41 100
 39 62.7 50.3 75.5



#12
 Acrylonitrile
 Concen: 1.642 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Tgt Ion: 53 Resp: 5824
 Ion Ratio Lower Upper
 53 100
 52 78.9 62.8 94.2
 51 37.0 26.2 39.4





#13

Acetone

Concen: 3.080 ug/l

RT: 2.624 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

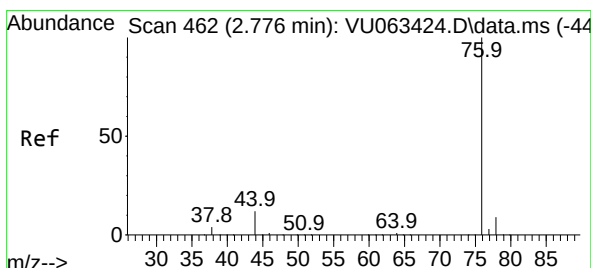
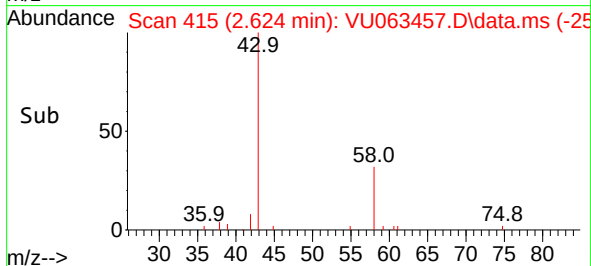
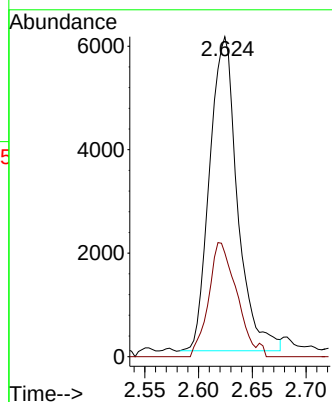
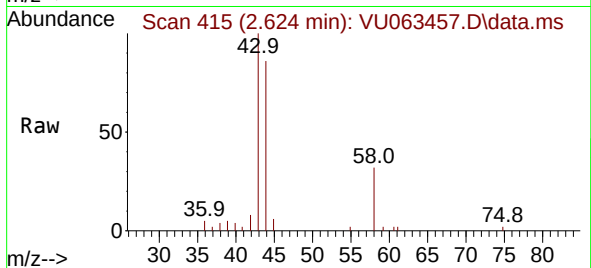
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 10954

Ion Ratio Lower Upper

43 100

58 33.0 28.3 42.5



#14

Carbon Disulfide

Concen: 0.771 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063457.D

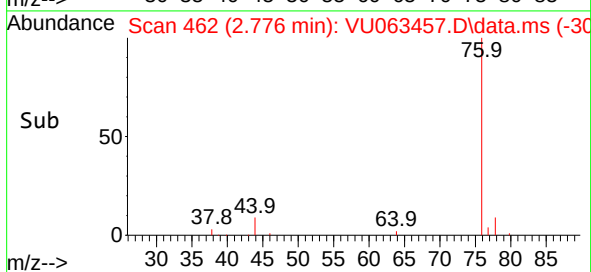
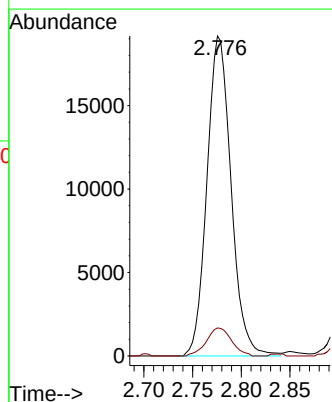
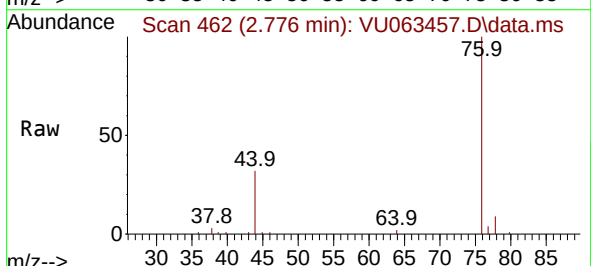
Acq: 25 Jun 2025 14:03

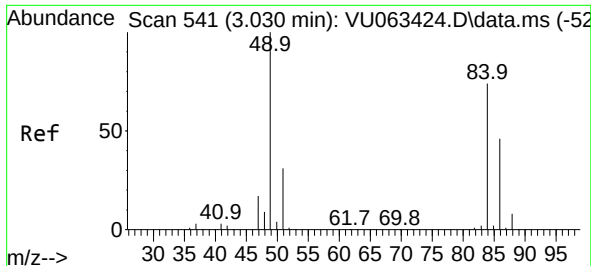
Tgt Ion: 76 Resp: 33018

Ion Ratio Lower Upper

76 100

78 8.7 6.9 10.3

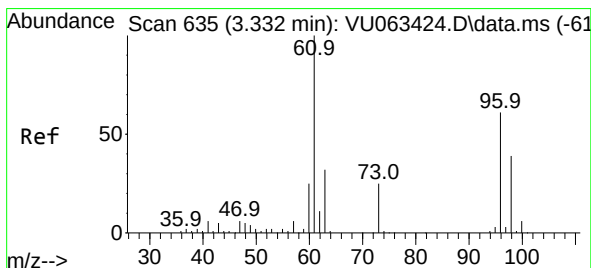
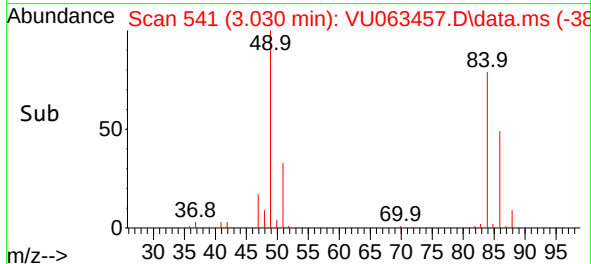
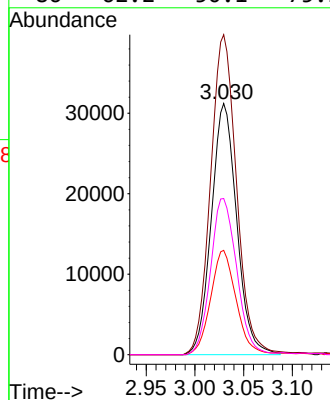
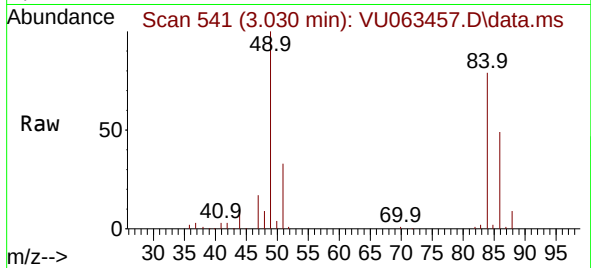




#15
Methylene Chloride
Concen: 3.634 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

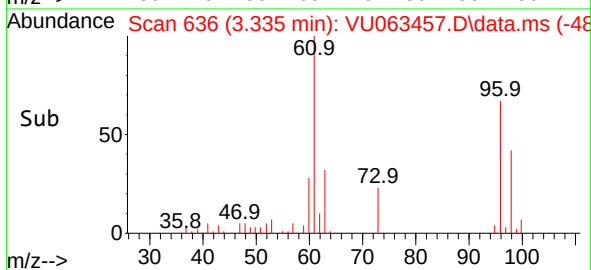
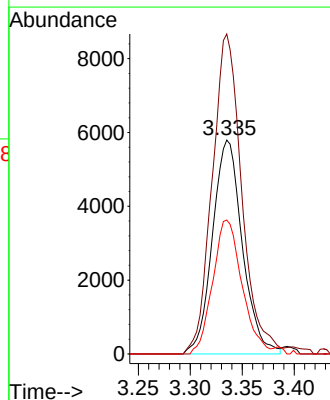
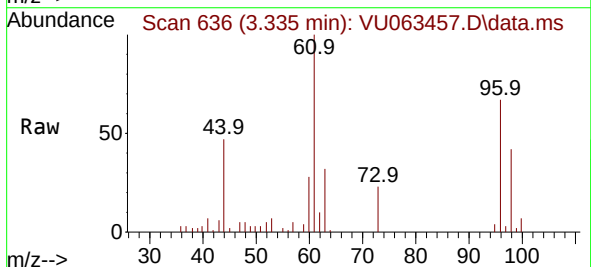
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

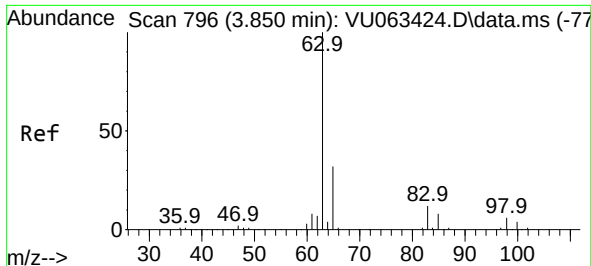
Tgt Ion:	84	Resp:	56531
Ion	Ratio	Lower	Upper
84	100		
49	127.4	108.7	163.1
51	41.5	0.0	83.8
86	62.2	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.839 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:	96	Resp:	11582
Ion	Ratio	Lower	Upper
96	100		
61	149.6	132.1	198.1
98	62.6	51.0	76.4

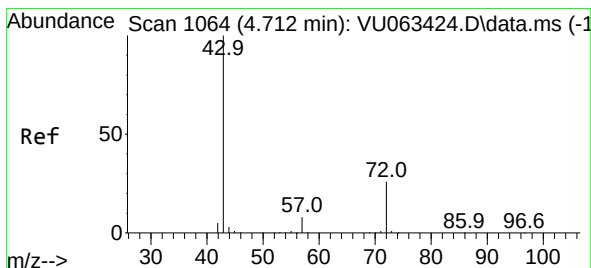
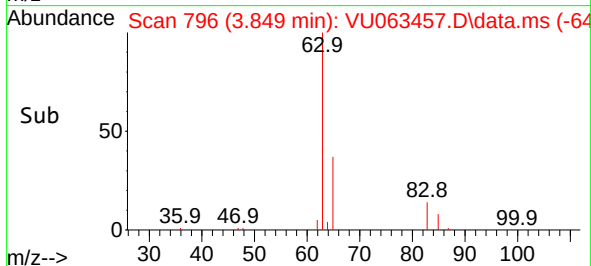
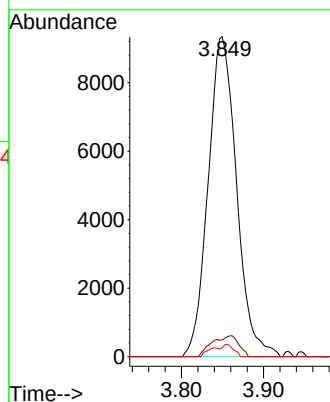
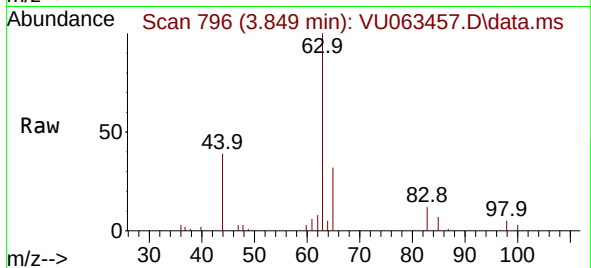




#17
1,1-Dichloroethane
Concen: 0.775 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

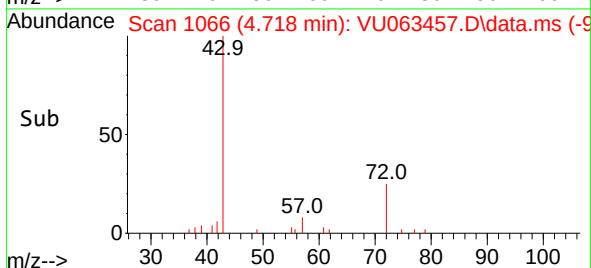
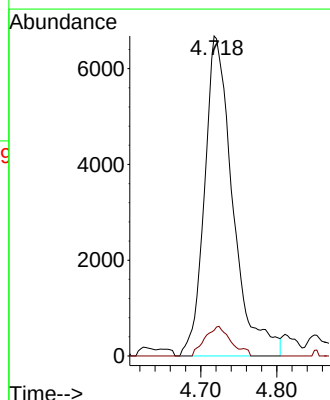
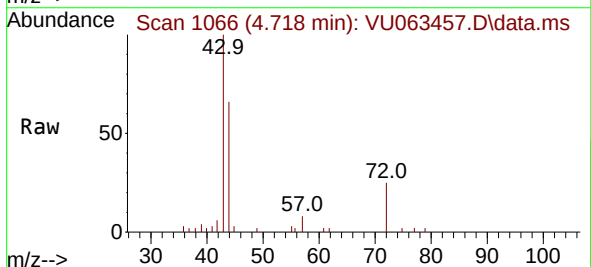
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

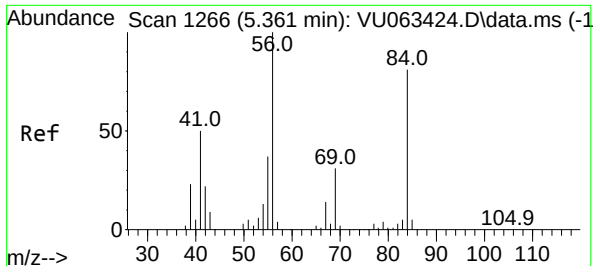
Tgt Ion:	63	Resp:	22481
Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.8	8.4
100	2.8	1.9	5.7



#18
2-Butanone
Concen: 3.488 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:	43	Resp:	17262
Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	16.0





#19

Cyclohexane

Concen: 0.835 ug/l

RT: 5.354 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

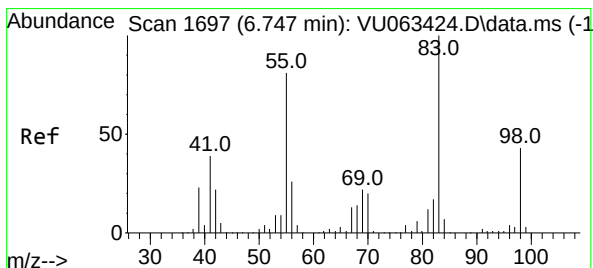
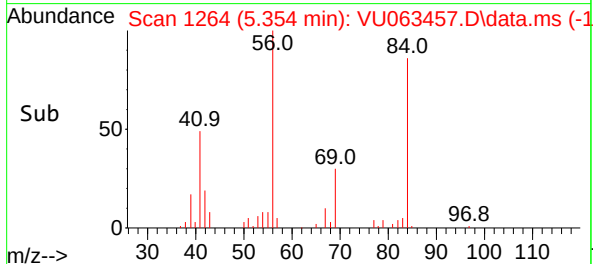
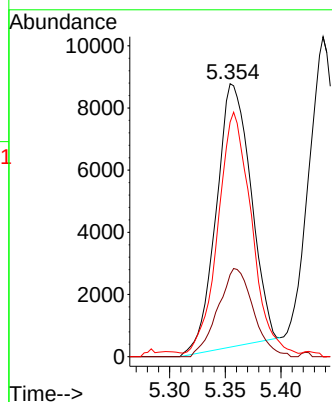
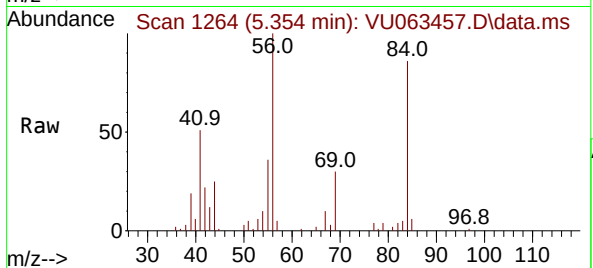
Tgt Ion: 56 Resp: 18315

Ion Ratio Lower Upper

56 100

69 34.1 26.4 39.6

84 87.8 68.6 102.8



#20

Methylcyclohexane

Concen: 0.668 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. -0.004 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

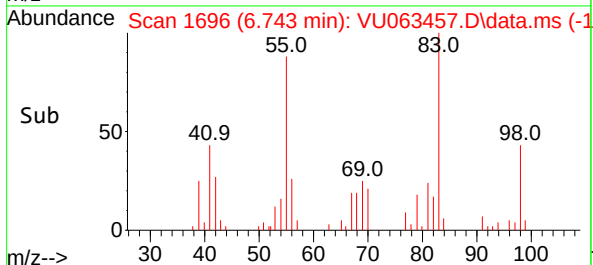
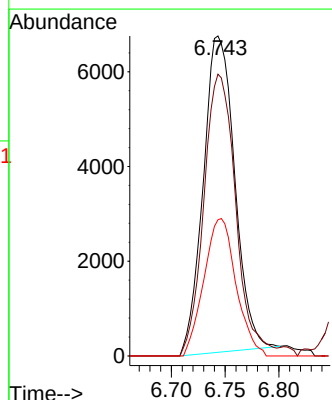
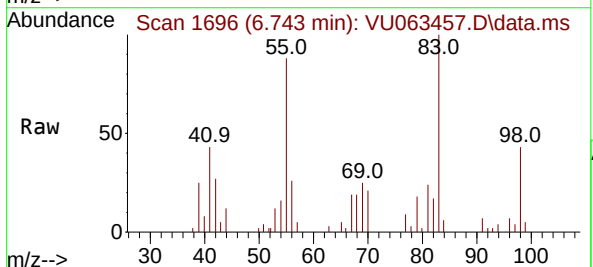
Tgt Ion: 83 Resp: 13603

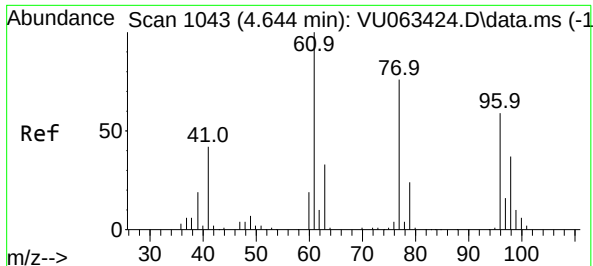
Ion Ratio Lower Upper

83 100

55 86.9 63.5 95.3

98 44.3 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.793 ug/l

RT: 4.647 min Scan# 1043

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

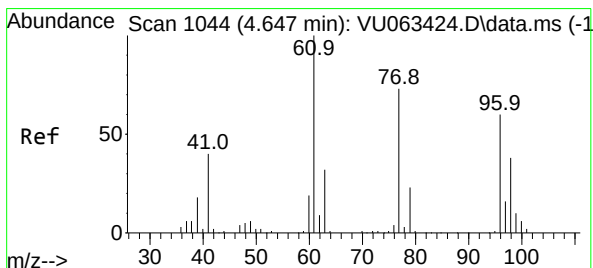
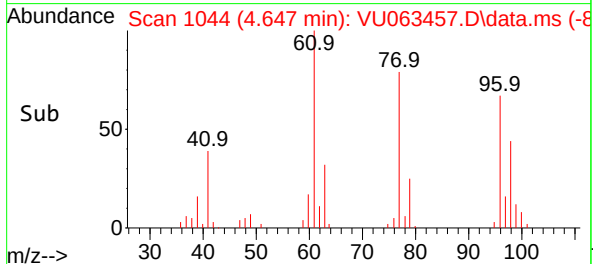
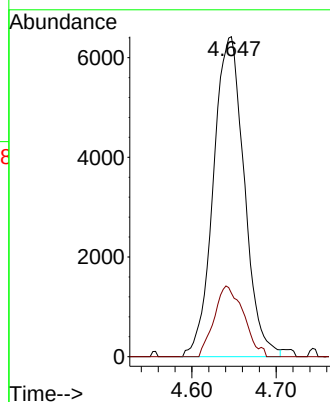
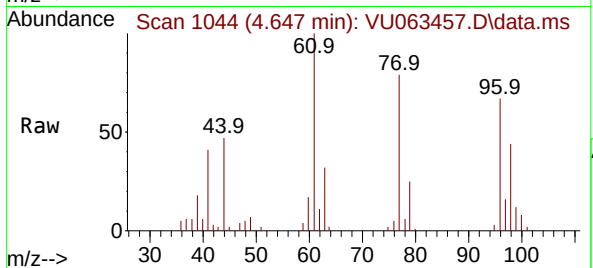
MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 16336

Ion Ratio Lower Upper

77 100

97 21.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.808 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

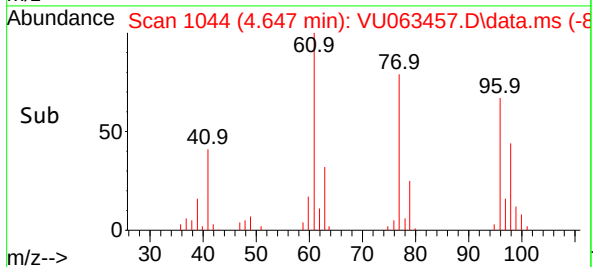
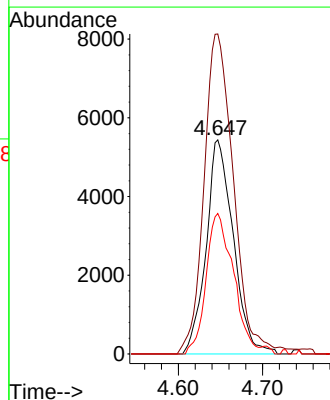
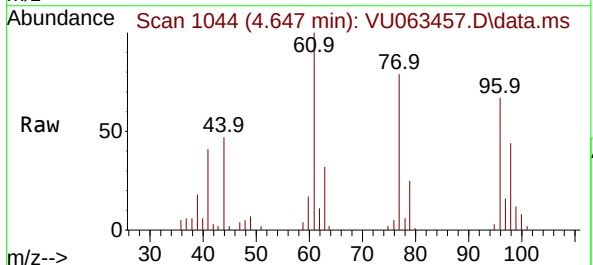
Tgt Ion: 96 Resp: 12176

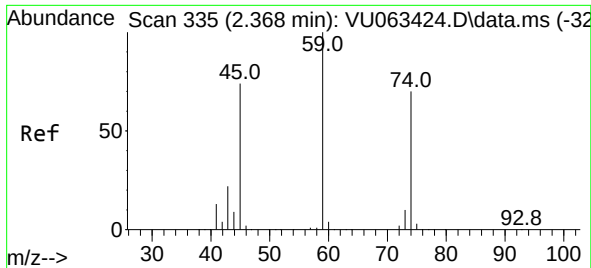
Ion Ratio Lower Upper

96 100

61 163.2 0.0 434.3

98 65.9 31.9 95.7

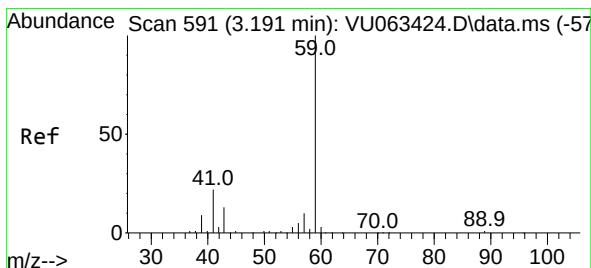
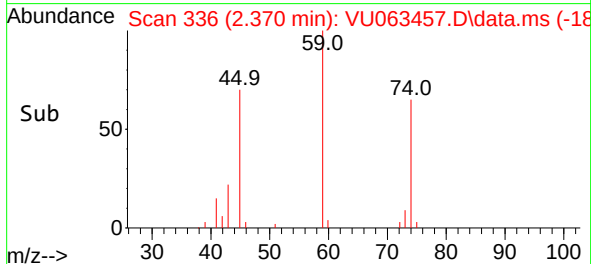
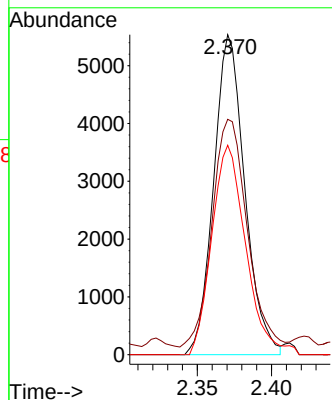
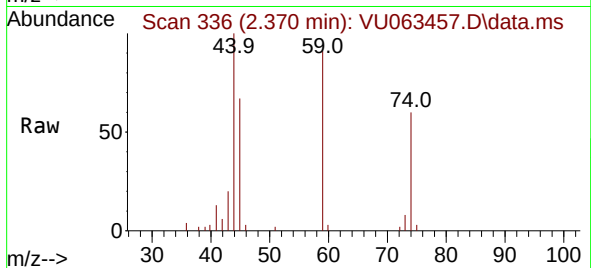




#23
Diethyl Ether
Concen: 0.729 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

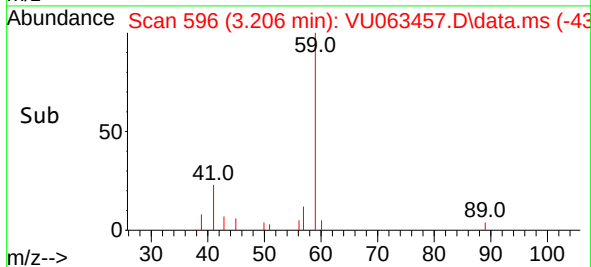
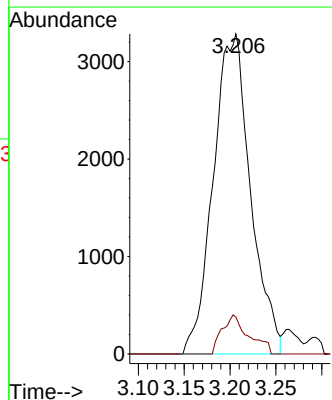
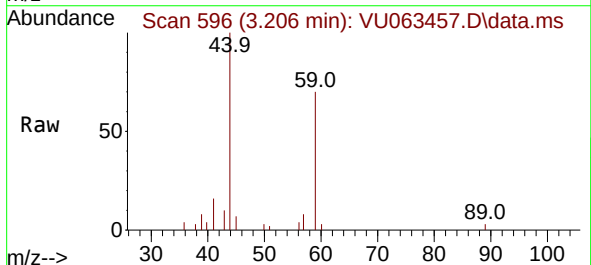
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

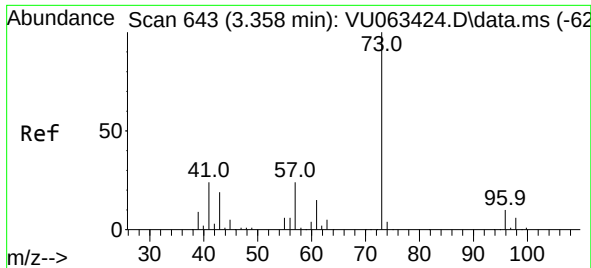
Tgt Ion: 59 Resp: 8069
Ion Ratio Lower Upper
59 100
45 79.4 60.7 91.1
74 71.6 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 7.955 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.016 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 59 Resp: 9281
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8

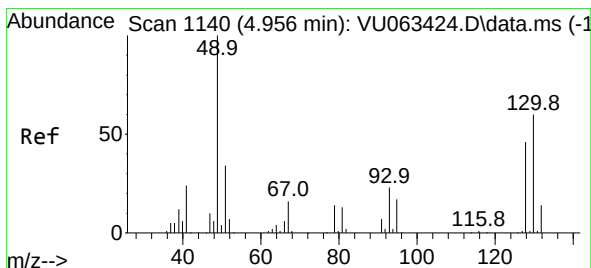
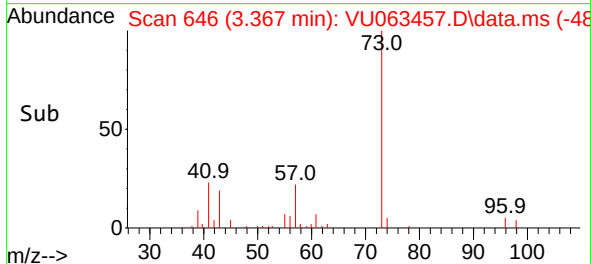
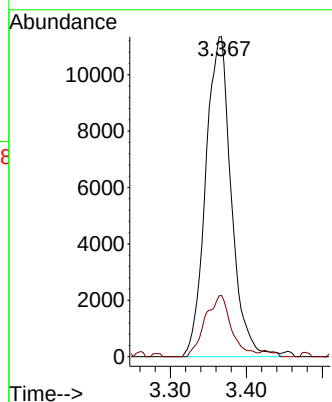
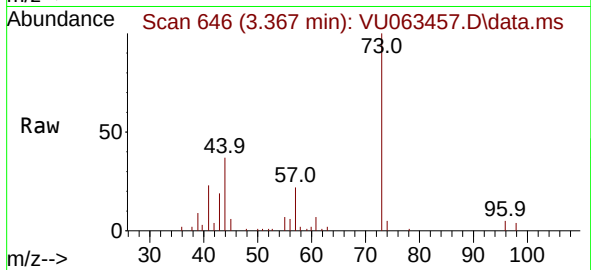




#25
Methyl tert-Butyl Ether
Concen: 0.793 ug/l
RT: 3.367 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

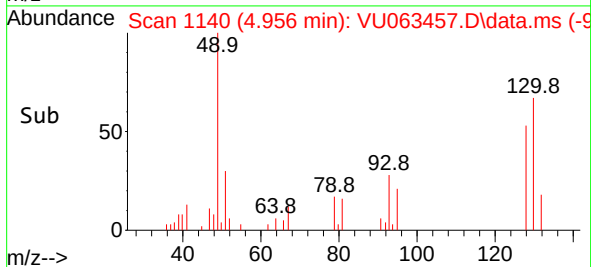
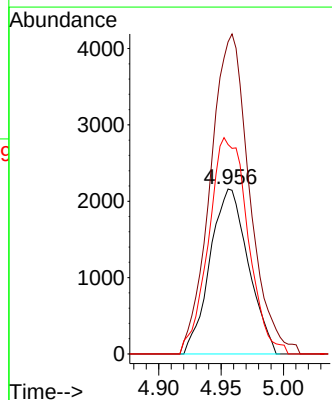
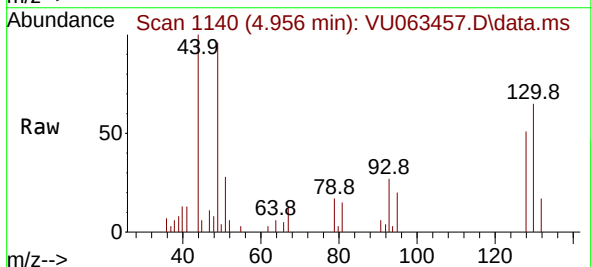
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

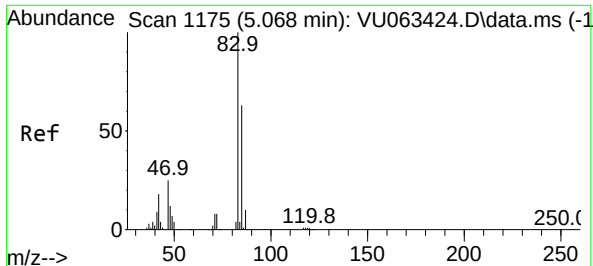
Tgt Ion: 73 Resp: 26479
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7



#26
Bromochloromethane
Concen: 0.786 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 128 Resp: 4611
Ion Ratio Lower Upper
128 100
49 198.8 0.0 441.2
130 135.2 102.3 153.5





#27

Chloroform

Concen: 0.790 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

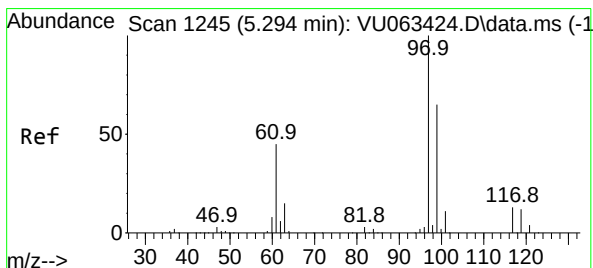
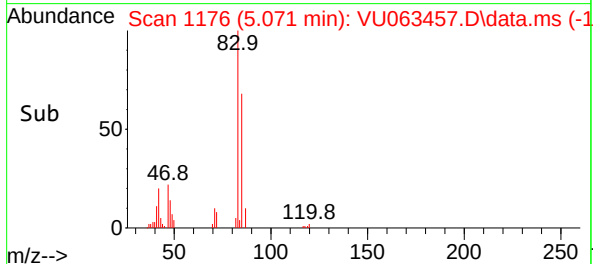
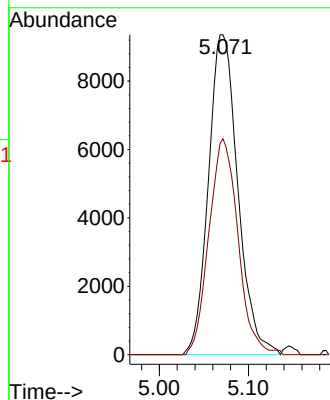
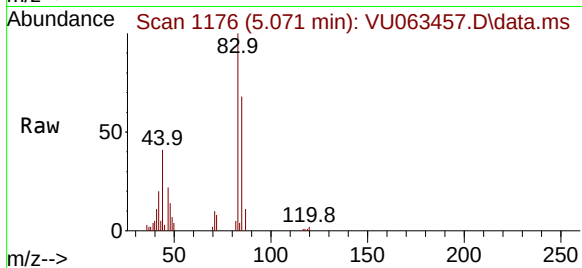
MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 21469

Ion Ratio Lower Upper

83 100

85 67.5 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.765 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

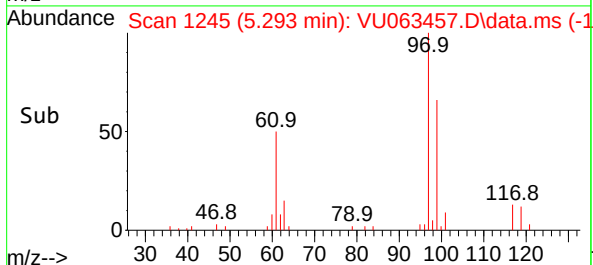
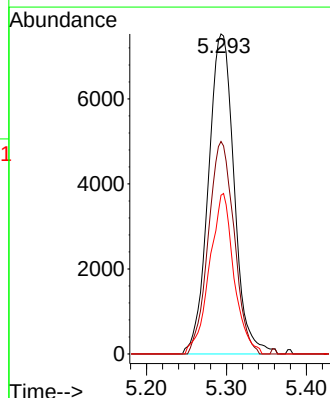
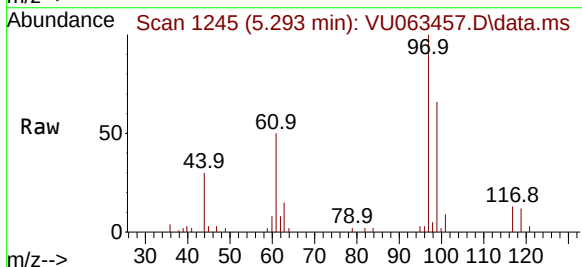
Tgt Ion: 97 Resp: 16866

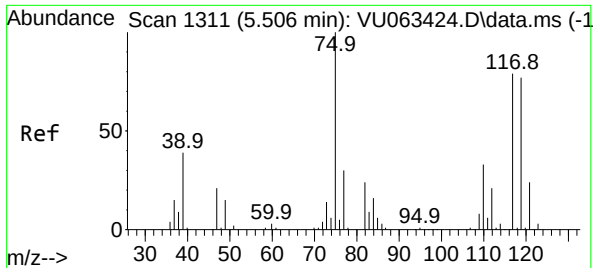
Ion Ratio Lower Upper

97 100

99 66.4 31.9 95.5

61 47.6 22.9 68.7





#29

1,1-Dichloropropene

Concen: 0.789 ug/l

RT: 5.502 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

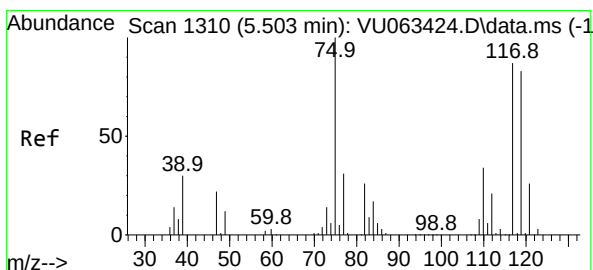
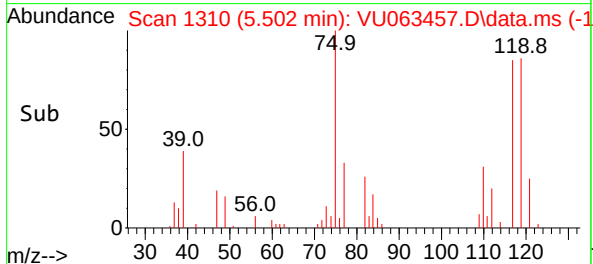
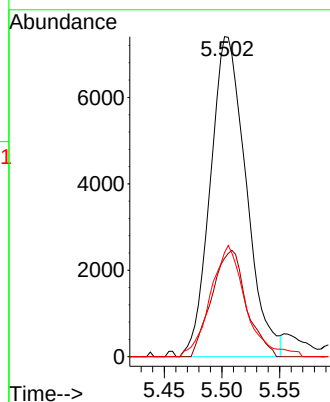
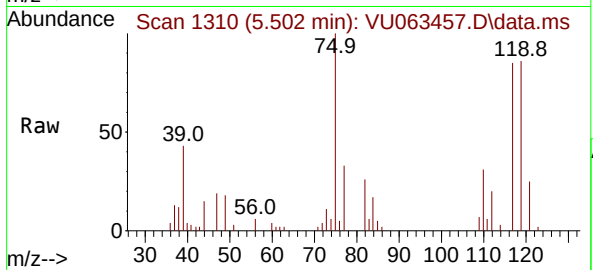
Tgt Ion: 75 Resp: 15897

Ion Ratio Lower Upper

75 100

110 32.2 17.4 52.2

77 34.4 25.4 38.0



#30

Carbon Tetrachloride

Concen: 0.786 ug/l

RT: 5.499 min Scan# 1309

Delta R.T. -0.004 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

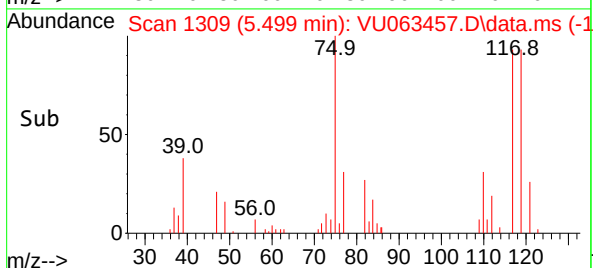
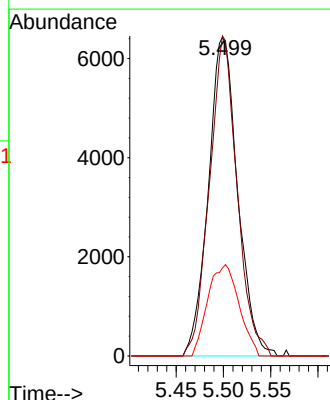
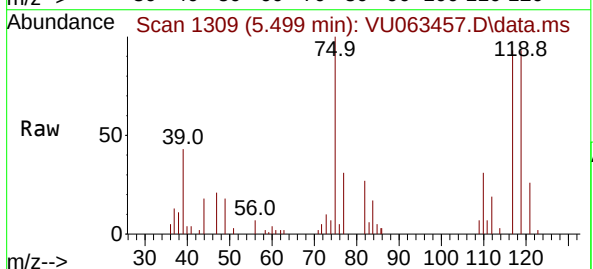
Tgt Ion: 117 Resp: 13842

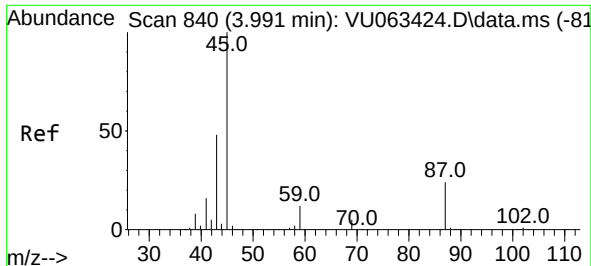
Ion Ratio Lower Upper

117 100

119 100.4 76.7 115.1

121 27.6 24.3 36.5

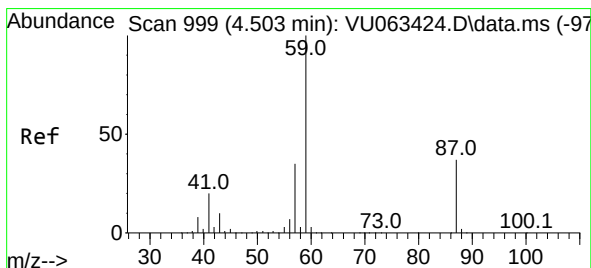
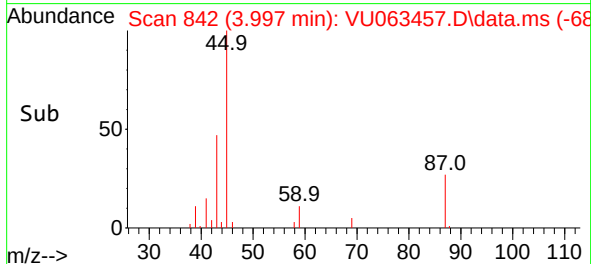
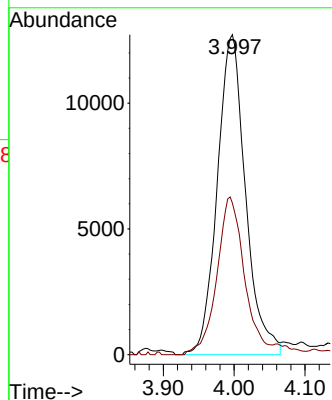
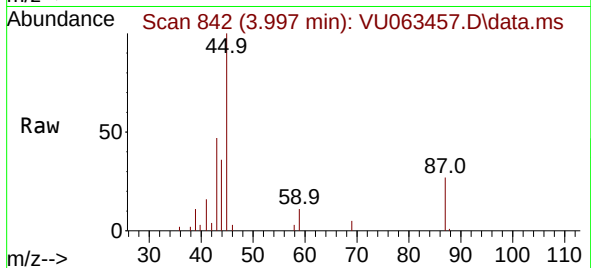




#31
Isopropyl Ether
Concen: 0.777 ug/l
RT: 3.997 min Scan# 84
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

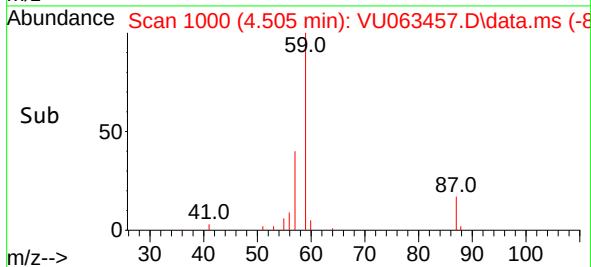
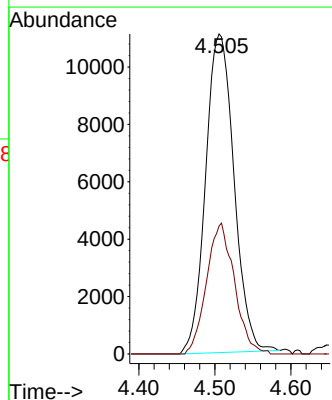
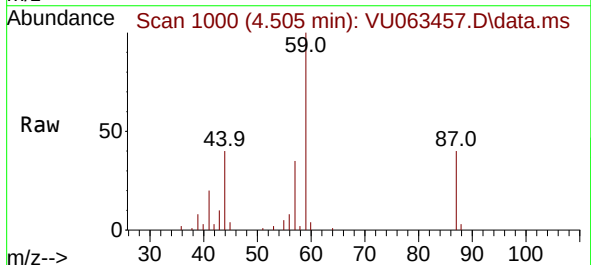
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

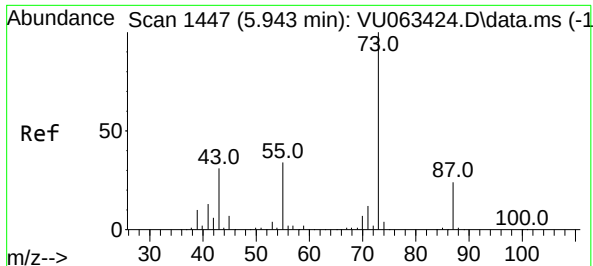
Tgt Ion: 45 Resp: 35213
Ion Ratio Lower Upper
45 100
43 48.0 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.751 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 59 Resp: 28850
Ion Ratio Lower Upper
59 100
87 40.3 29.9 44.9

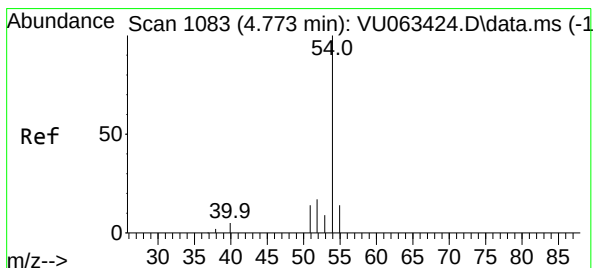
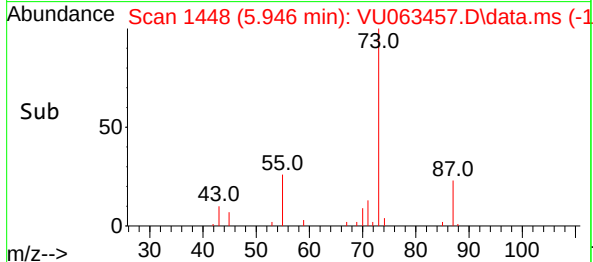
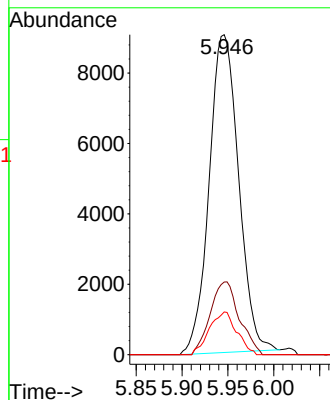
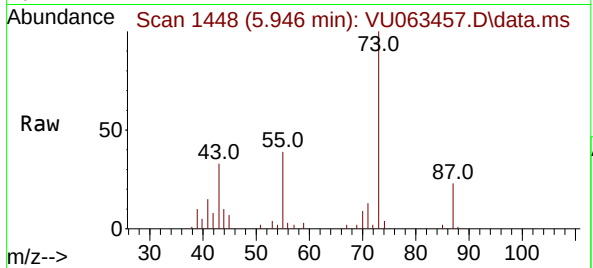




#33
Tert-Amyl methyl ether
Concen: 0.735 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

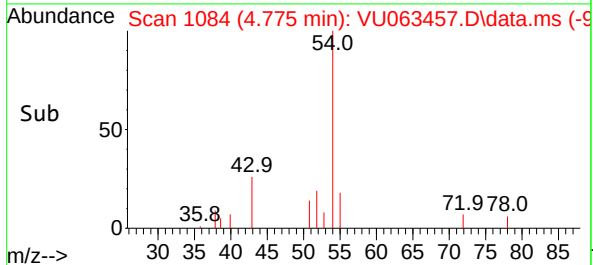
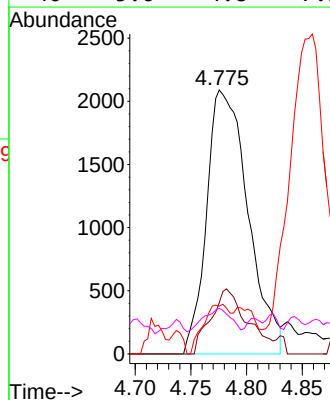
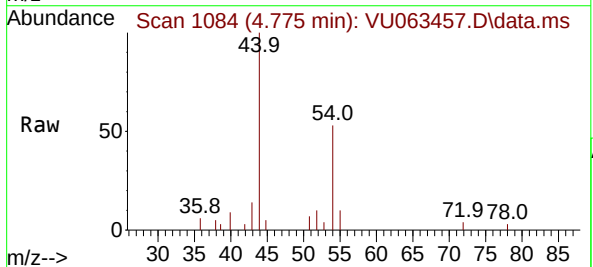
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

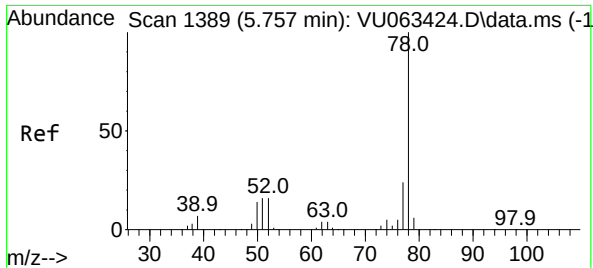
Tgt Ion: 73	Resp: 20197
Ion Ratio	Lower Upper
73 100	
87 22.6	18.1 27.1
71 12.5	10.0 15.0



#34
Propionitrile
Concen: 3.769 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 54	Resp: 5396
Ion Ratio	Lower Upper
54 100	
52 21.9	14.8 22.2
55 11.7	12.2 18.2#
40 5.6	4.8 7.2





#35

Benzene

Concen: 0.780 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

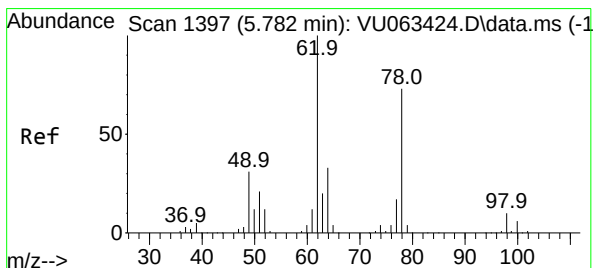
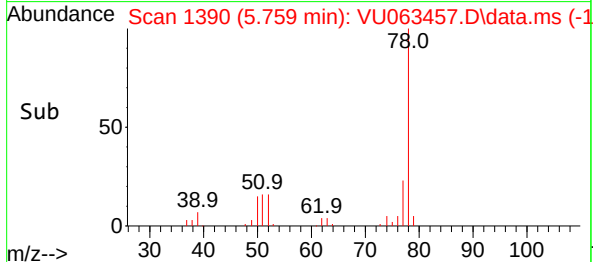
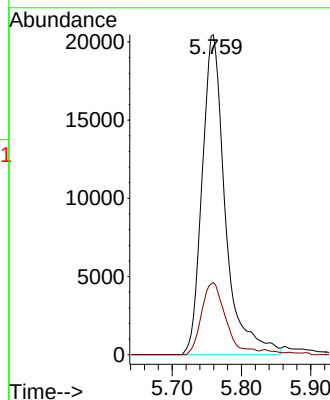
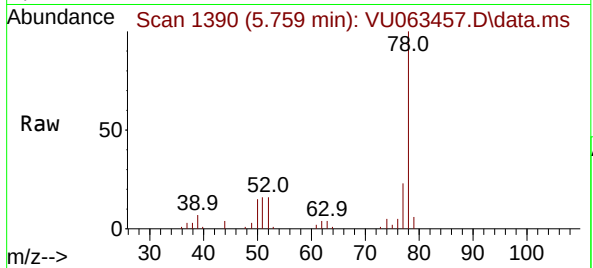
MDL-WATER-03-QT2-2025

Tgt Ion: 78 Resp: 47526

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.775 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU063457.D

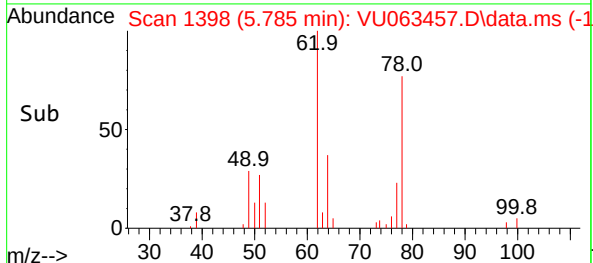
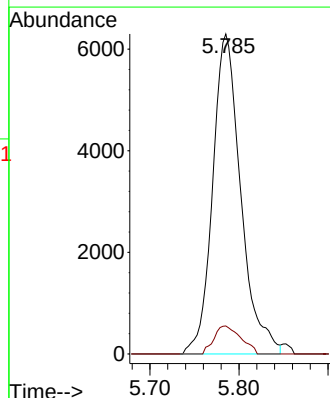
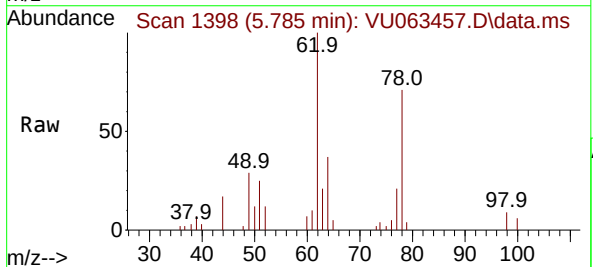
Acq: 25 Jun 2025 14:03

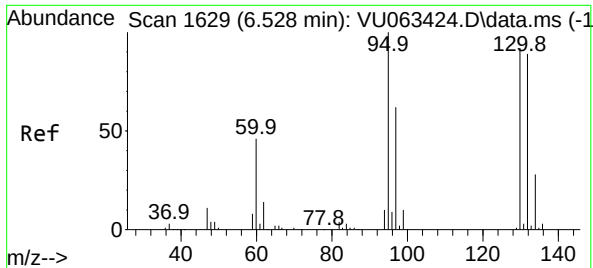
Tgt Ion: 62 Resp: 13796

Ion Ratio Lower Upper

62 100

98 8.3 7.1 10.7





#37

Trichloroethene

Concen: 0.756 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

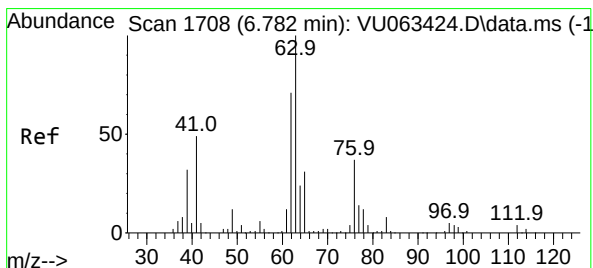
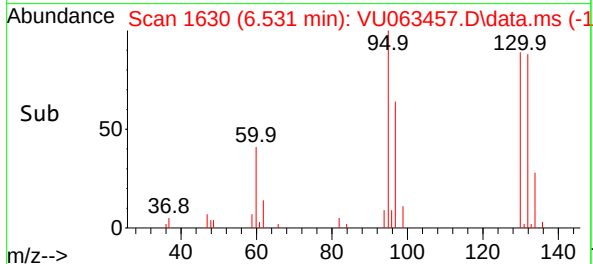
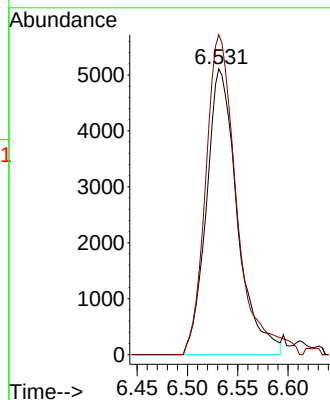
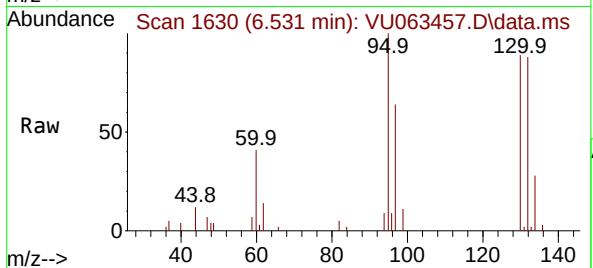
MDL-WATER-03-QT2-2025

Tgt Ion:130 Resp: 10877

Ion Ratio Lower Upper

130 100

95 112.0 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.786 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063457.D

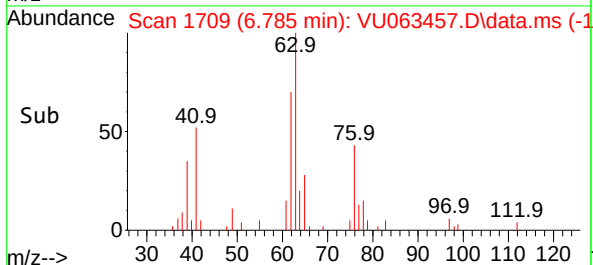
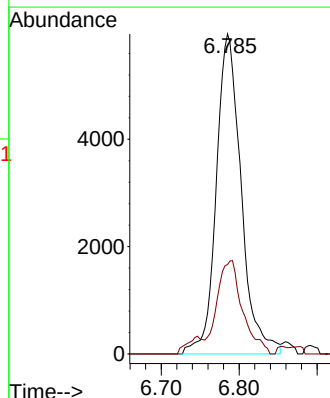
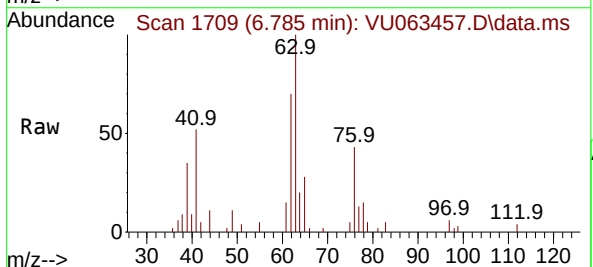
Acq: 25 Jun 2025 14:03

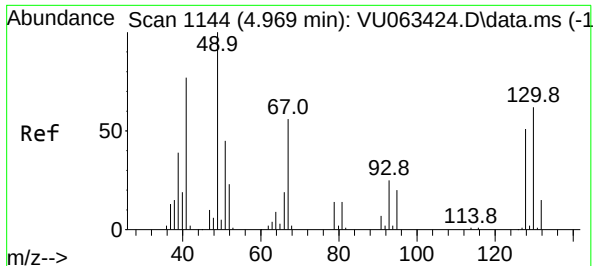
Tgt Ion: 63 Resp: 13228

Ion Ratio Lower Upper

63 100

65 26.1 25.0 37.6





#39

Methacrylonitrile

Concen: 0.763 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 41 Resp: 4546

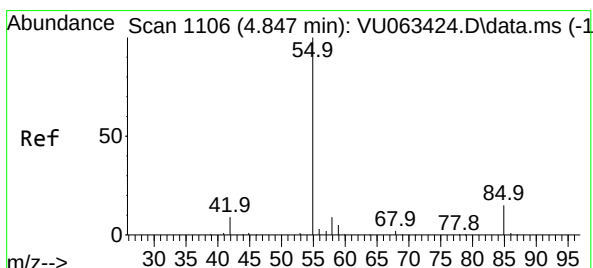
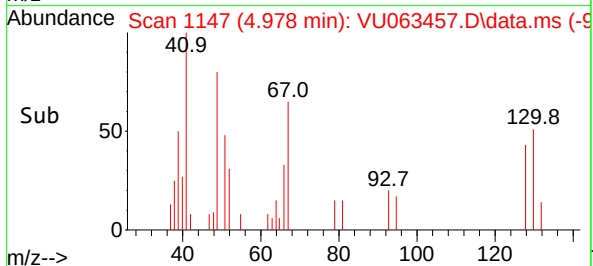
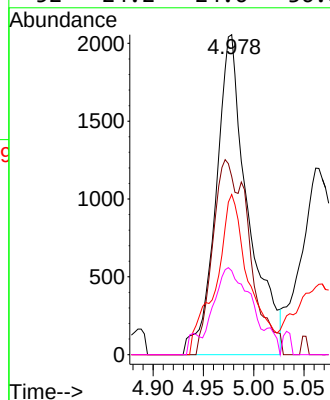
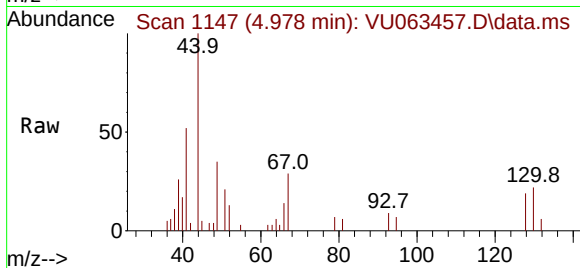
Ion Ratio Lower Upper

41 100

67 69.9 59.8 89.8

39 52.0 40.7 61.1

52 24.2 24.6 36.8#



#40

Methyl acrylate

Concen: 0.738 ug/l

RT: 4.859 min Scan# 1110

Delta R.T. 0.012 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion: 55 Resp: 6170

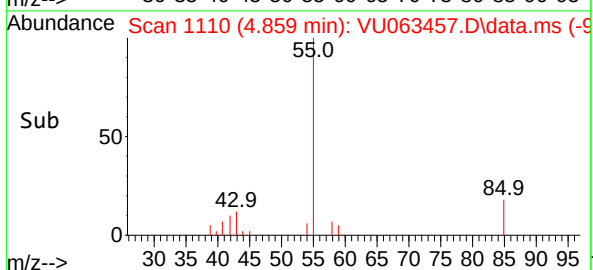
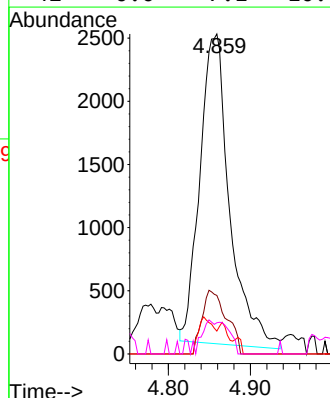
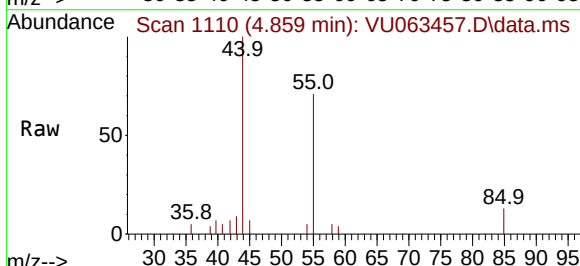
Ion Ratio Lower Upper

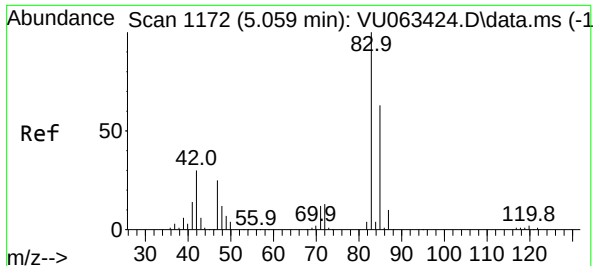
55 100

85 0.0 12.6 19.0#

58 1.7 6.9 10.3#

42 0.0 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.617 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

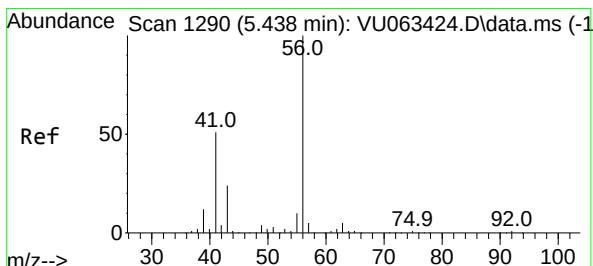
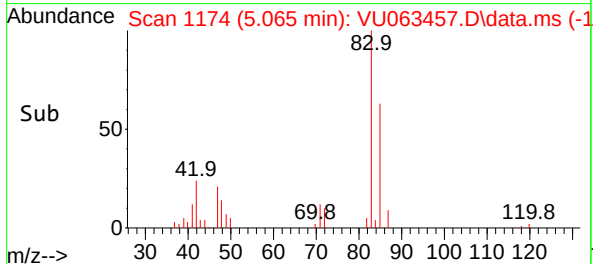
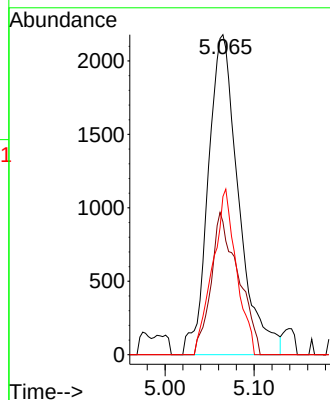
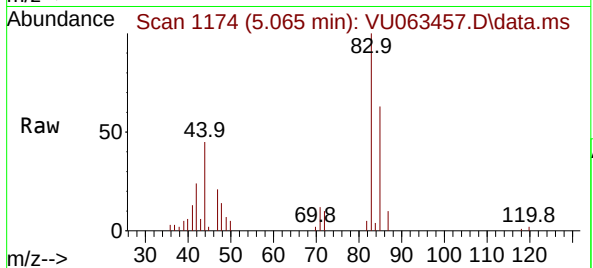
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	42	Resp:	5181
Ion	Ratio	Lower	Upper
42	100		
72	39.6	35.4	53.2
71	40.3	31.4	47.0



#42

1-Chlorobutane

Concen: 0.703 ug/l

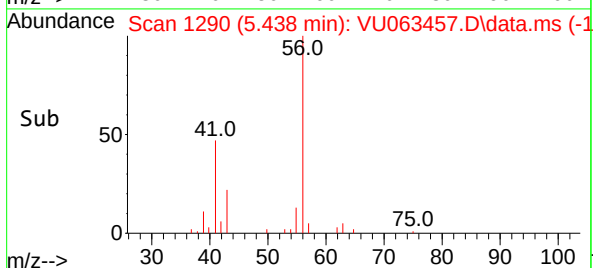
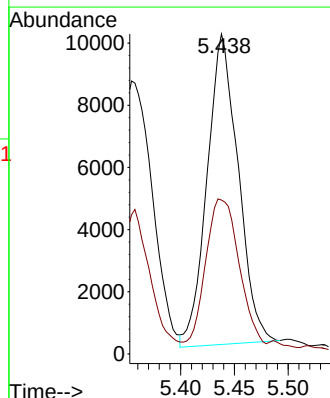
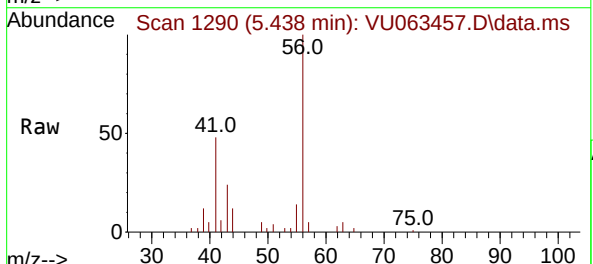
RT: 5.438 min Scan# 1290

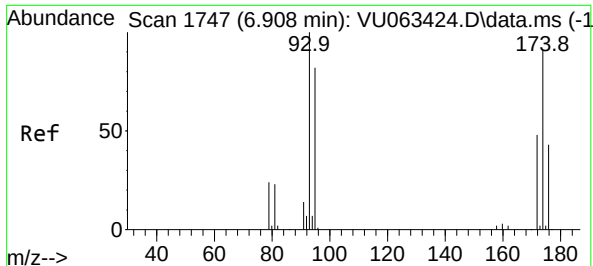
Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	56	Resp:	20079
Ion	Ratio	Lower	Upper
56	100		
41	50.8	26.4	79.0

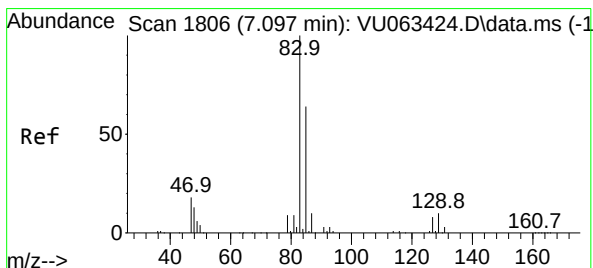
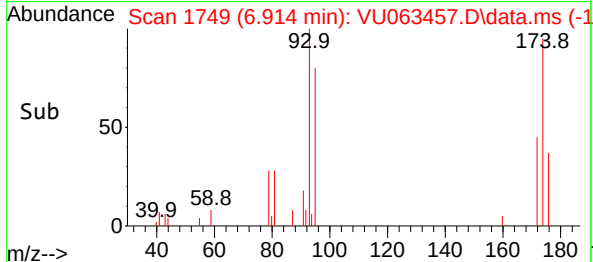
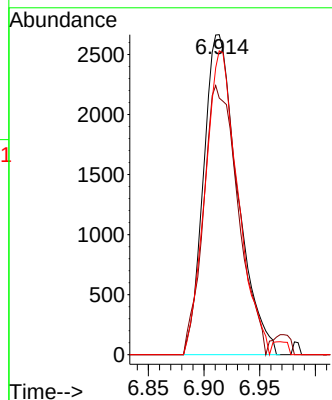
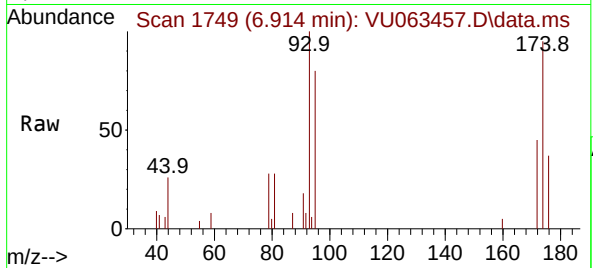




#43
Dibromomethane
Concen: 0.720 ug/l
RT: 6.914 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

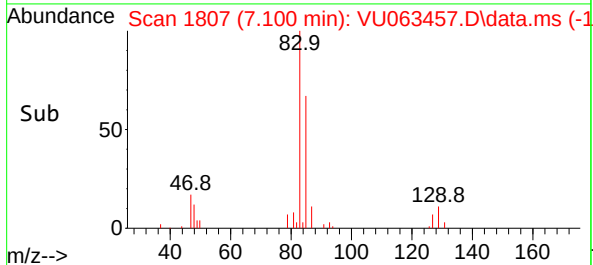
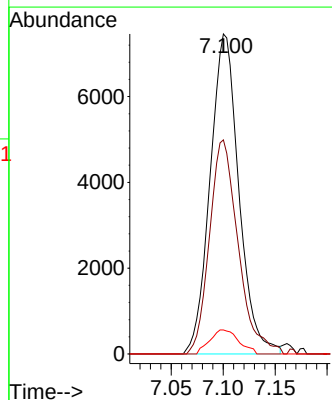
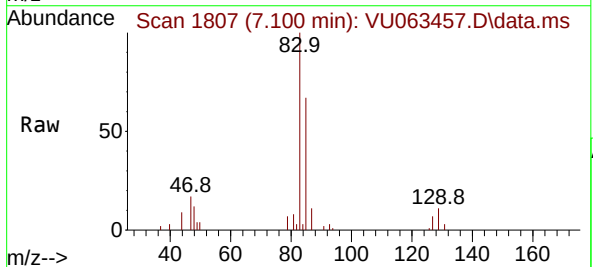
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

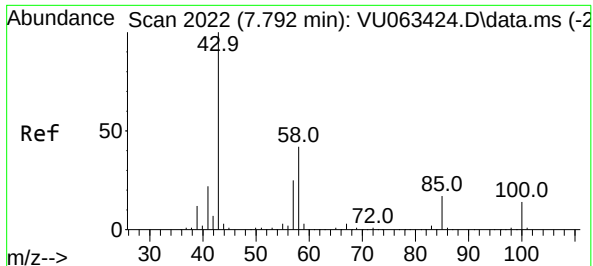
Tgt Ion: 93 Resp: 5656
Ion Ratio Lower Upper
93 100
95 85.9 66.7 100.1
174 91.5 71.1 106.7



#44
Bromodichloromethane
Concen: 0.752 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 83 Resp: 14387
Ion Ratio Lower Upper
83 100
85 66.9 51.4 77.2
127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 3.228 ug/l

RT: 7.801 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

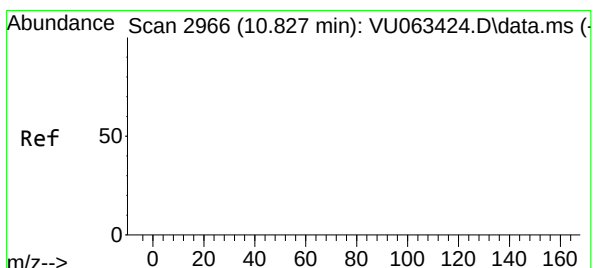
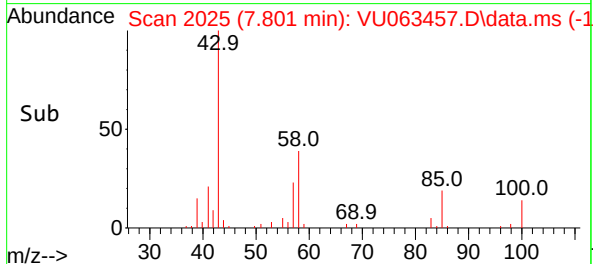
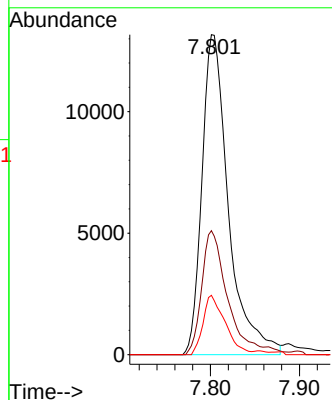
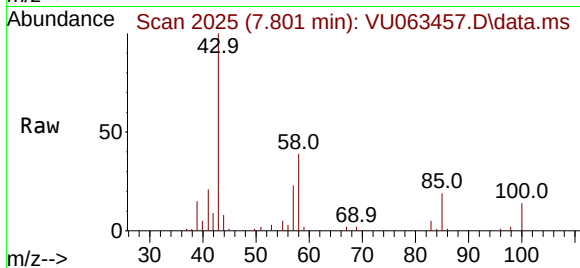
Tgt Ion: 43 Resp: 27233

Ion Ratio Lower Upper

43 100

58 38.5 20.5 61.6

85 15.5 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 4.464 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion: 75 Resp: 12378

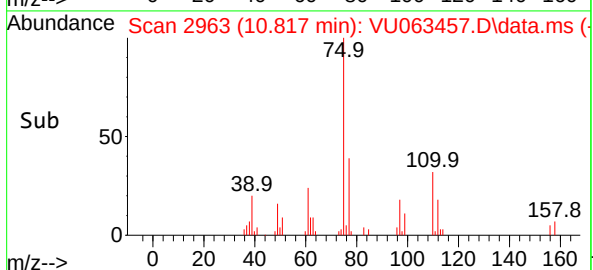
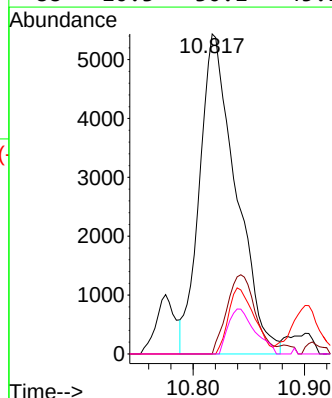
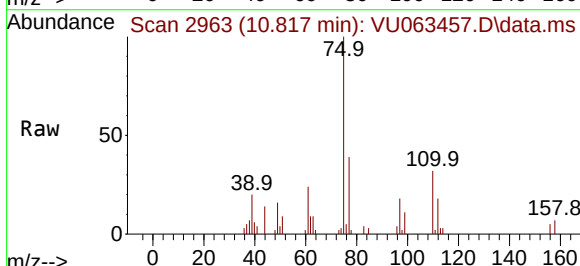
Ion Ratio Lower Upper

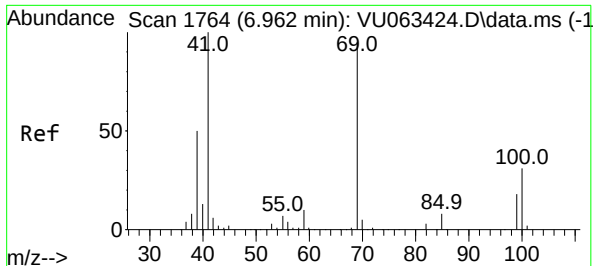
75 100

53 19.4 61.4 92.2#

89 14.7 39.2 58.8#

88 10.3 30.1 45.1#





#47

Methyl methacrylate

Concen: 1.275 ug/l

RT: 6.978 min Scan# 1769

Delta R.T. 0.016 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 69 Resp: 7763

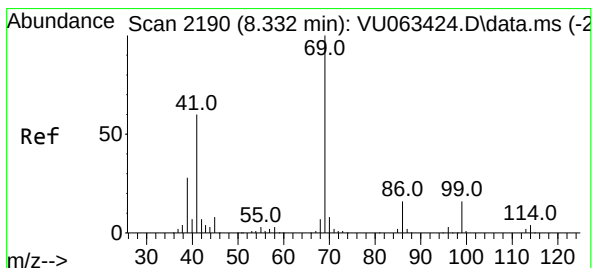
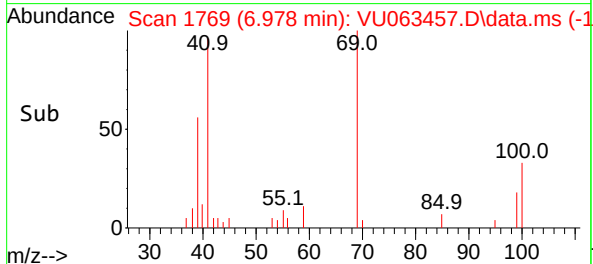
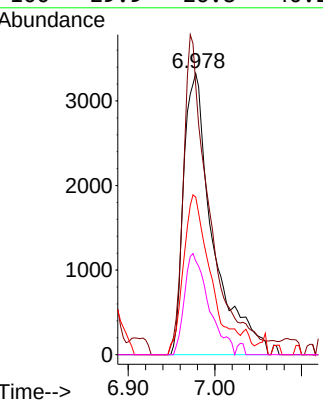
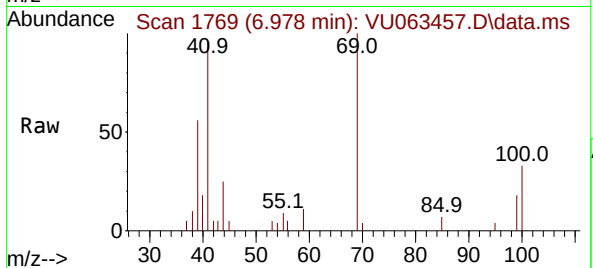
Ion Ratio Lower Upper

69 100

41 101.9 0.0 212.6

39 53.3 40.6 61.0

100 29.9 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.669 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063457.D

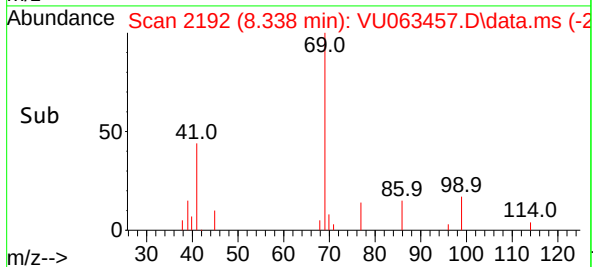
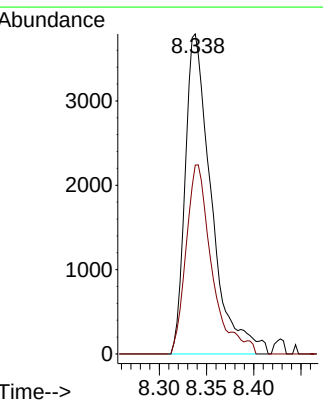
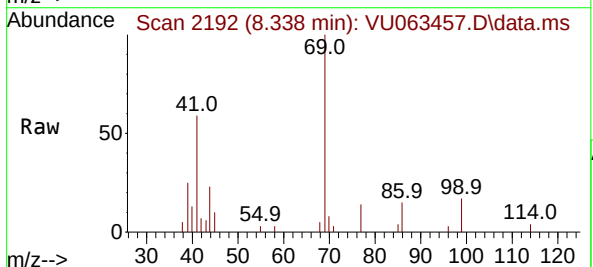
Acq: 25 Jun 2025 14:03

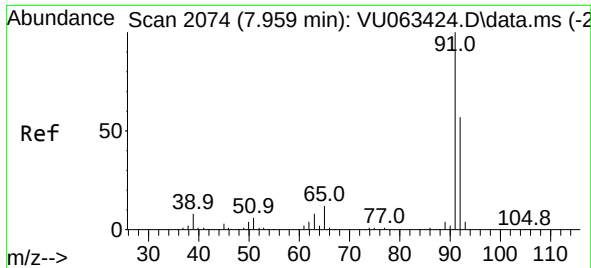
Tgt Ion: 69 Resp: 7289

Ion Ratio Lower Upper

69 100

41 58.3 30.6 92.0





#49

Toluene

Concen: 0.655 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

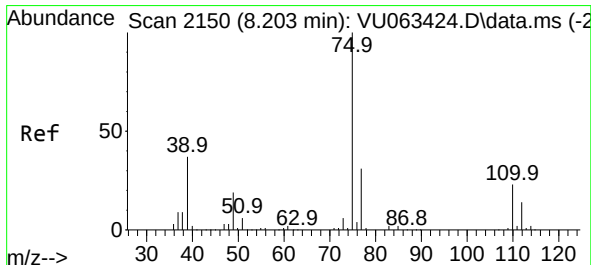
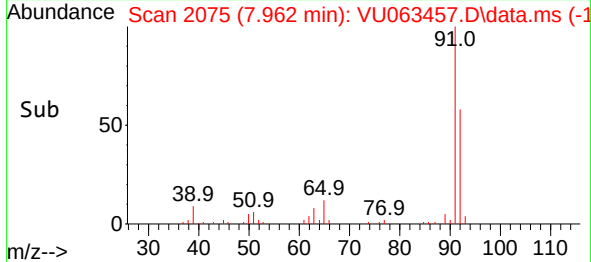
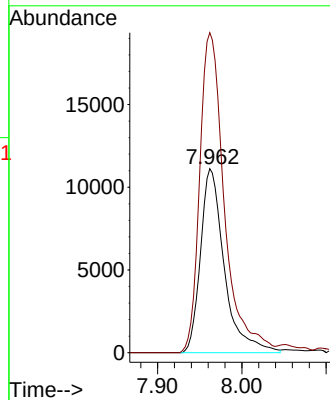
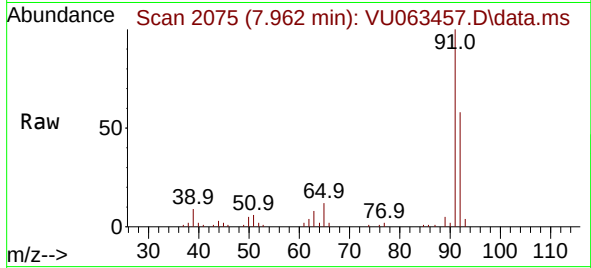
MDL-WATER-03-QT2-2025

Tgt Ion: 92 Resp: 21918

Ion Ratio Lower Upper

92 100

91 179.8 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.684 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063457.D

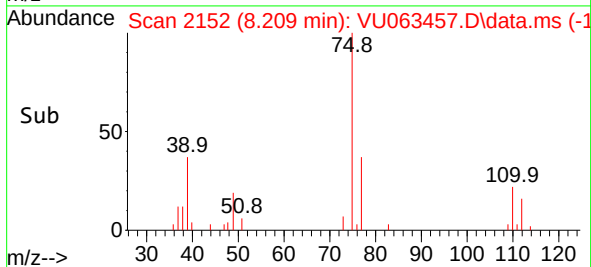
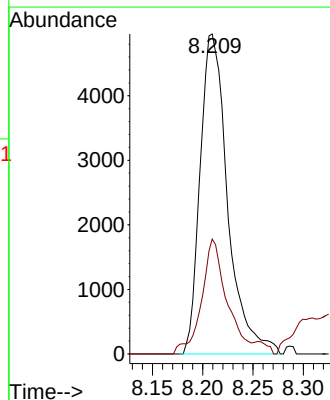
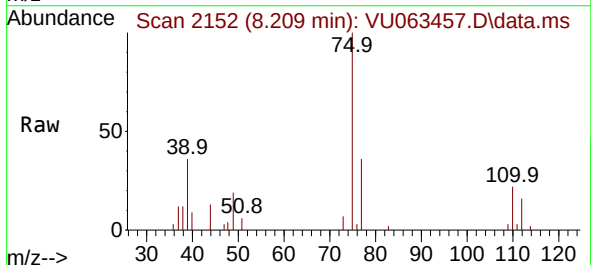
Acq: 25 Jun 2025 14:03

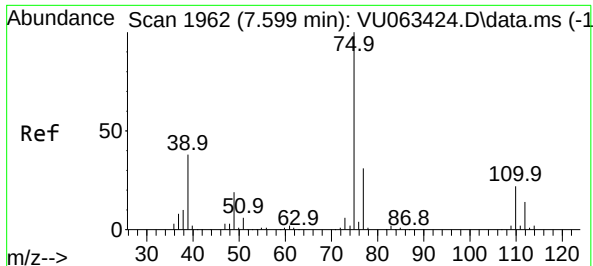
Tgt Ion: 75 Resp: 9441

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 0.657 ug/l

RT: 7.605 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

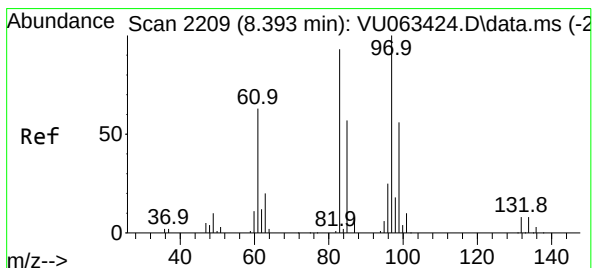
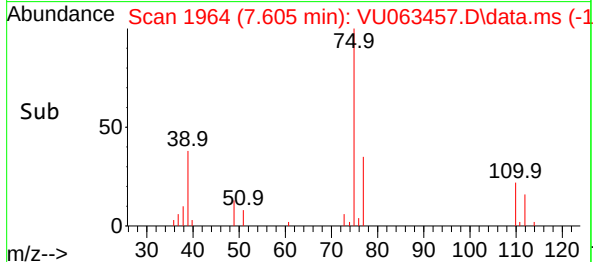
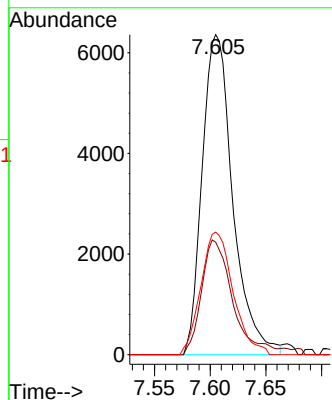
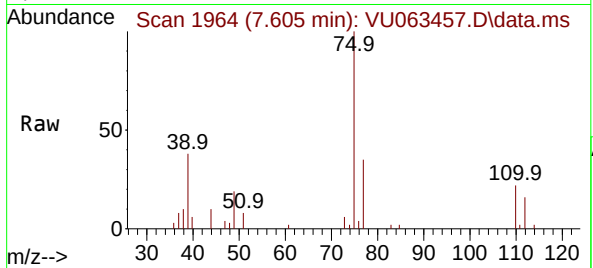
Tgt Ion: 75 Resp: 12180

Ion Ratio Lower Upper

75 100

77 35.2 24.8 37.2

39 38.3 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 0.832 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion: 97 Resp: 9559

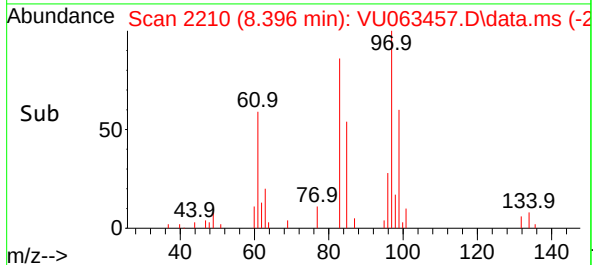
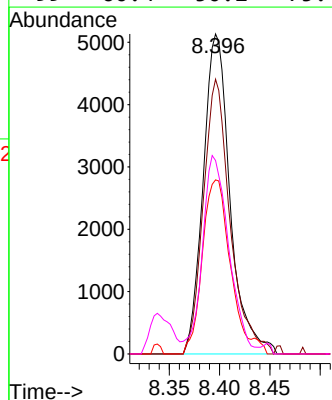
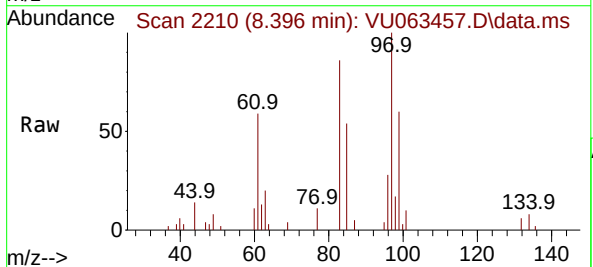
Ion Ratio Lower Upper

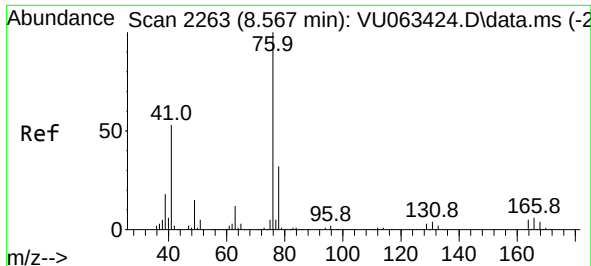
97 100

83 85.9 74.1 111.1

85 54.4 45.8 68.8

99 60.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.743 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

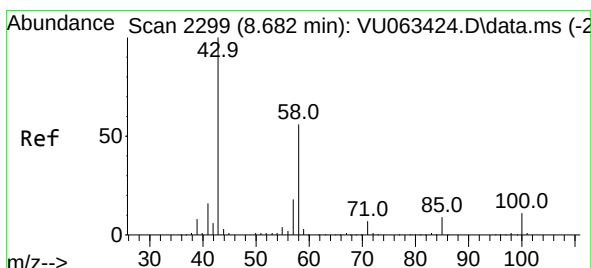
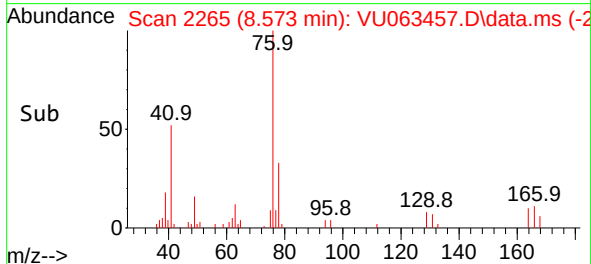
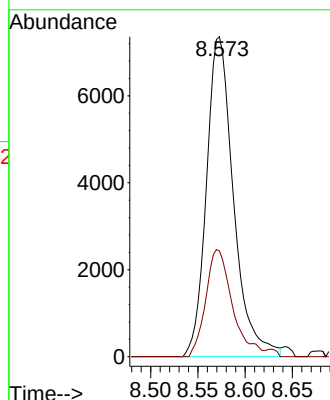
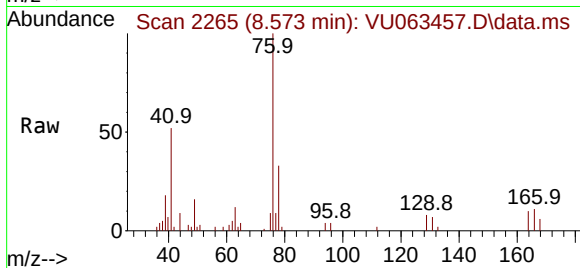
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 14677

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



#54

2-Hexanone

Concen: 3.067 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

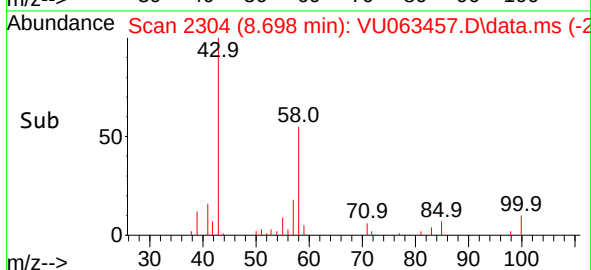
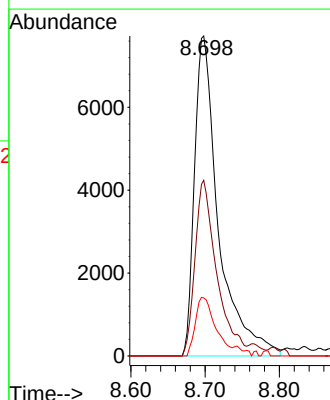
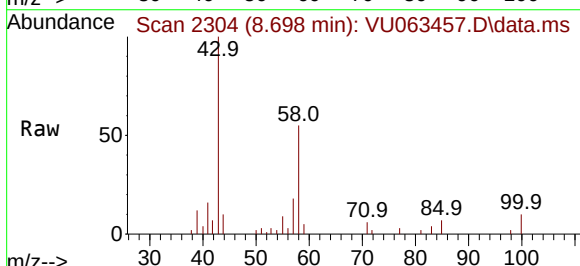
Tgt Ion: 43 Resp: 17360

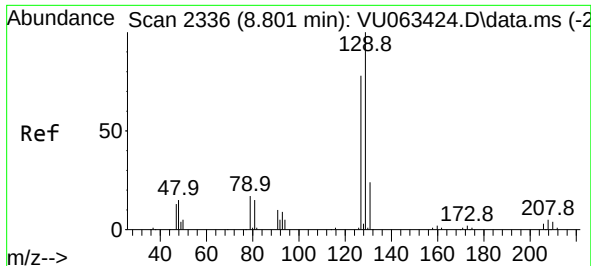
Ion Ratio Lower Upper

43 100

58 49.8 36.9 76.9

57 15.4 0.0 38.8

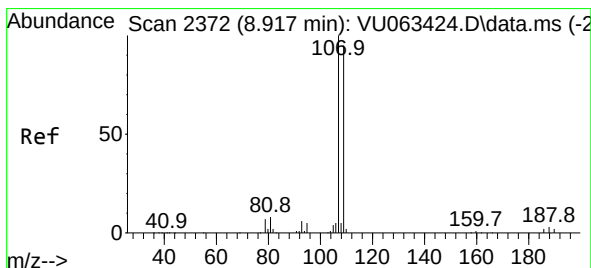
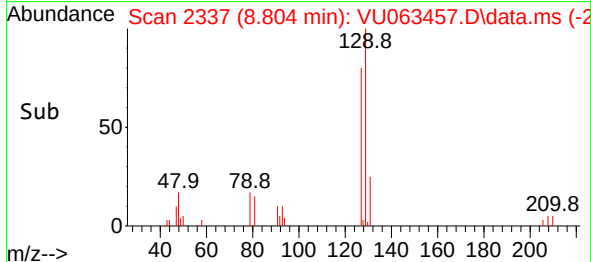
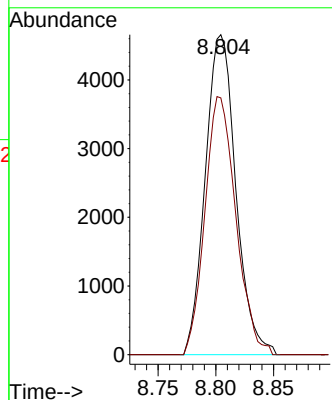
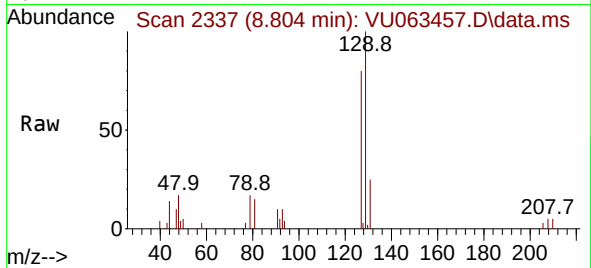




#55
Dibromochloromethane
Concen: 0.725 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

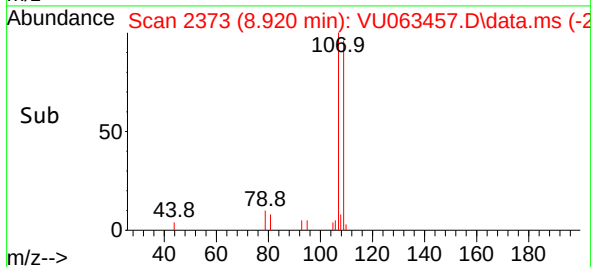
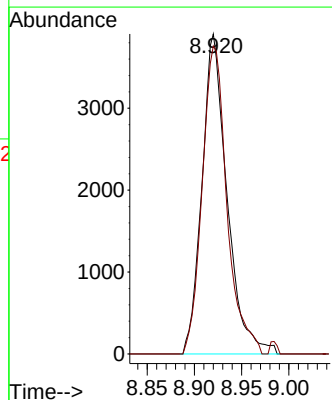
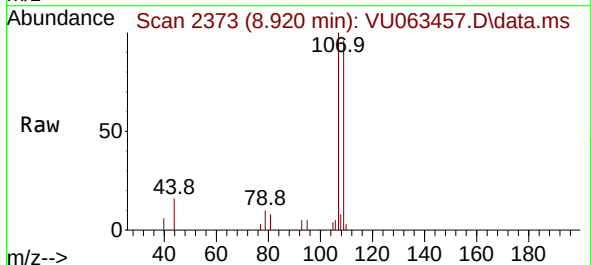
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

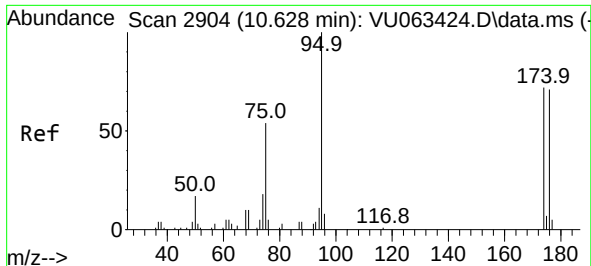
Tgt Ion:129 Resp: 8591
Ion Ratio Lower Upper
129 100
127 81.5 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.772 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:107 Resp: 7194
Ion Ratio Lower Upper
107 100
109 95.2 0.0 188.0

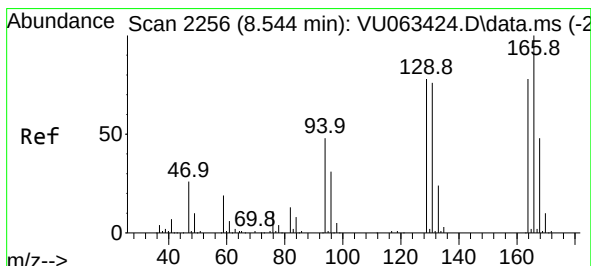
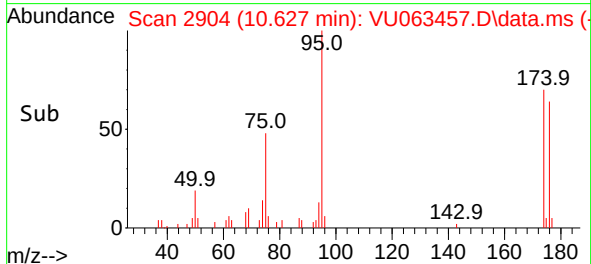
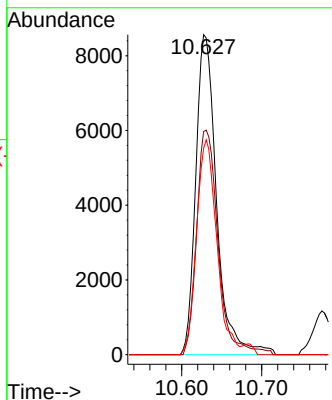
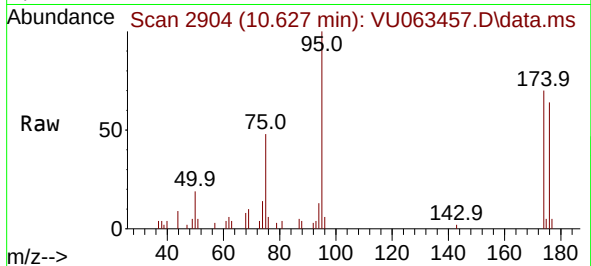




#57
4-Bromofluorobenzene
Concen: 0.906 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

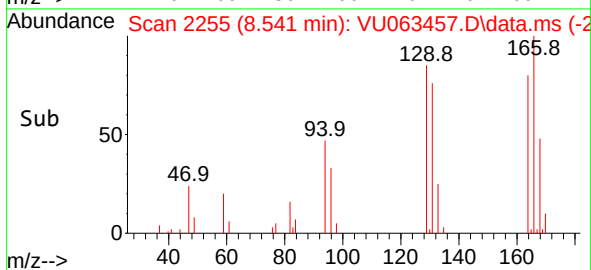
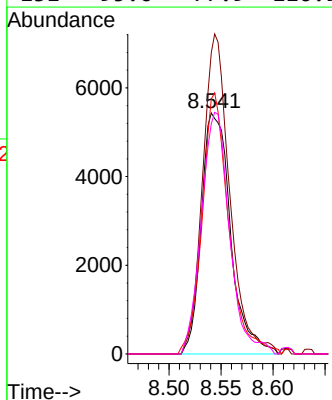
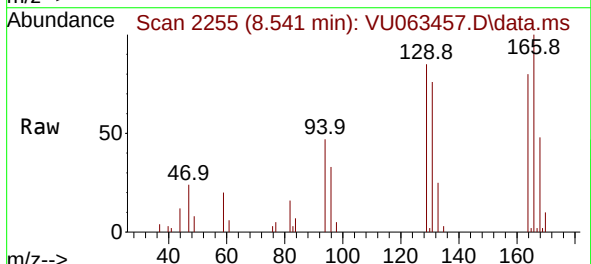
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

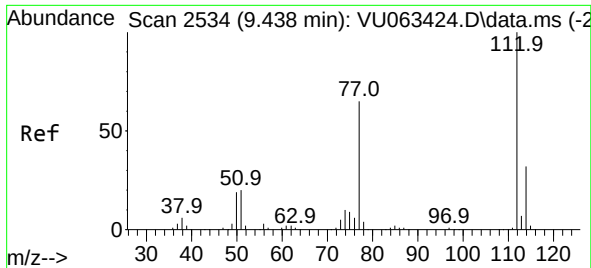
Tgt Ion: 95 Resp: 15547
Ion Ratio Lower Upper
95 100
174 72.1 59.4 89.2
176 65.4 57.8 86.6



#58
Tetrachloroethene
Concen: 0.752 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 164 Resp: 10622
Ion Ratio Lower Upper
164 100
166 125.2 102.8 154.2
129 105.9 80.2 120.2
131 95.6 77.9 116.9

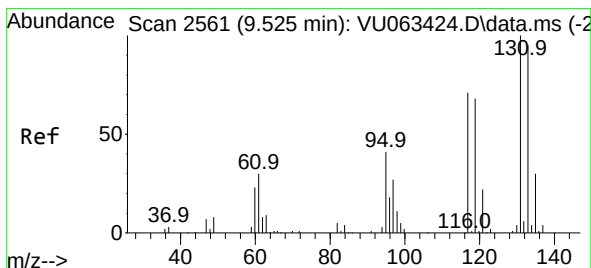
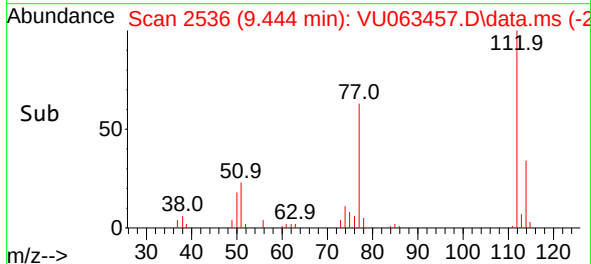
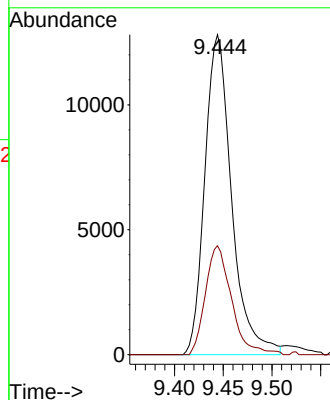
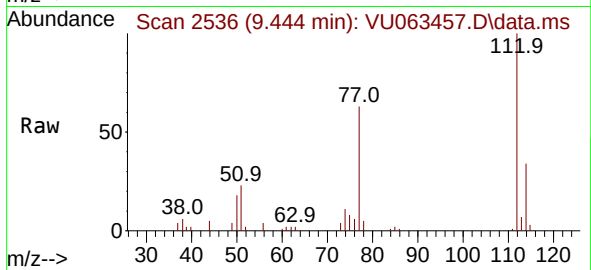




#59
Chlorobenzene
Concen: 0.685 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

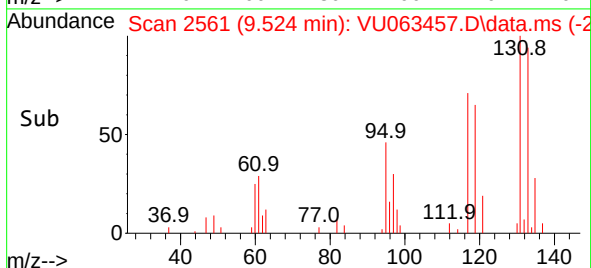
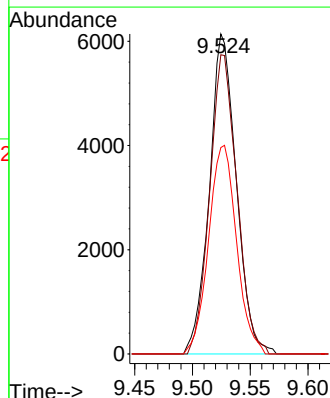
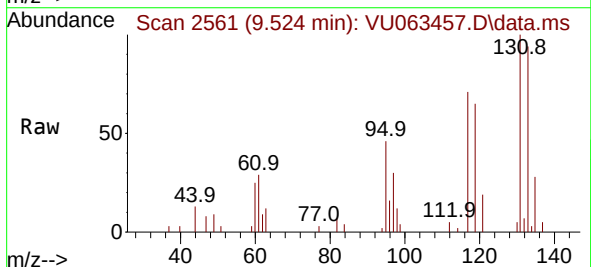
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

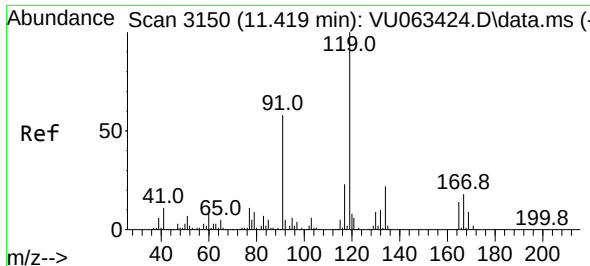
Tgt Ion:112 Resp: 24509
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 0.773 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:131 Resp: 9956
Ion Ratio Lower Upper
131 100
133 94.6 76.1 114.1
119 67.7 53.7 80.5

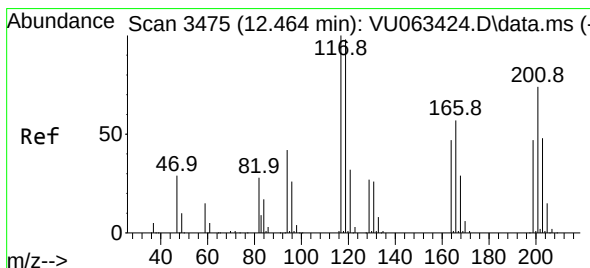
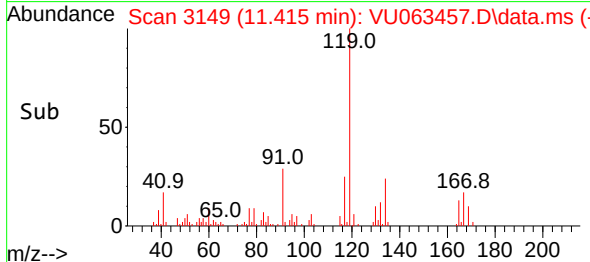
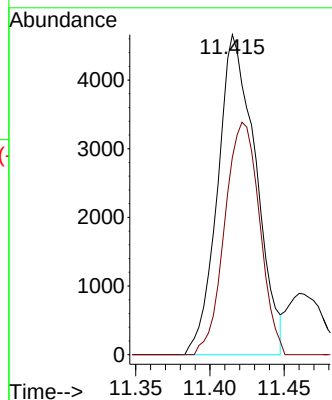
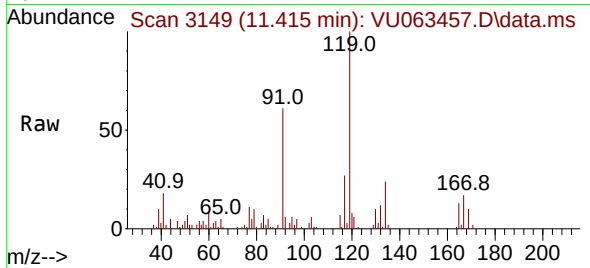




#61
Pentachloroethane
Concen: 0.792 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

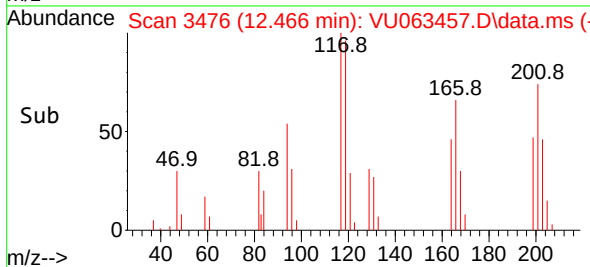
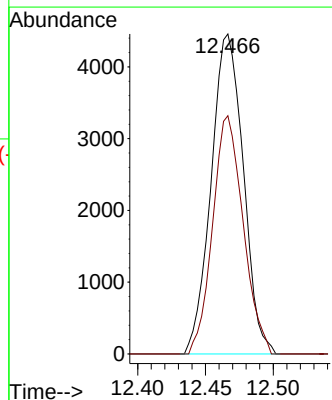
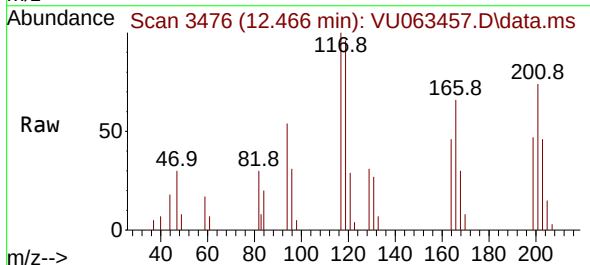
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

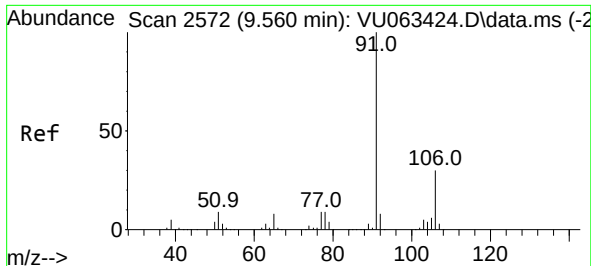
Tgt Ion:117 Resp: 8312
Ion Ratio Lower Upper
117 100
167 66.5 58.1 87.1



#62
Hexachloroethane
Concen: 0.780 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:117 Resp: 7360
Ion Ratio Lower Upper
117 100
201 70.6 60.4 90.6

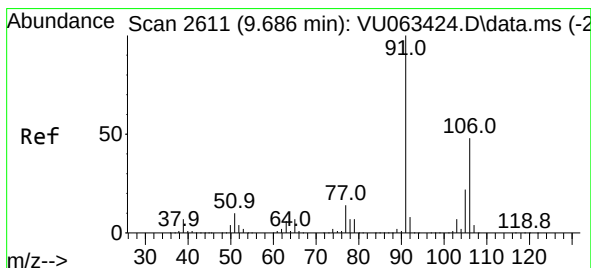
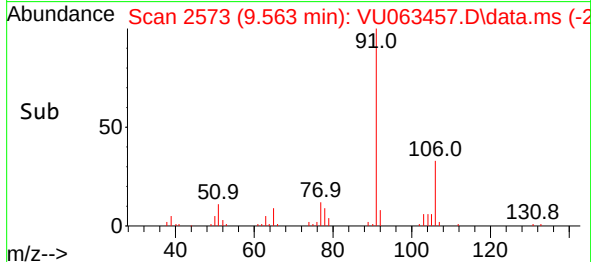
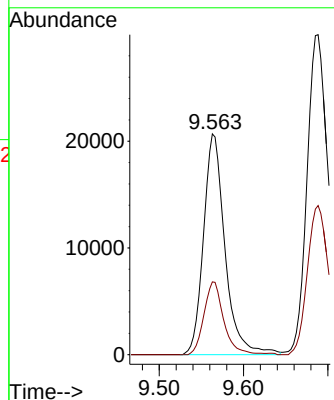
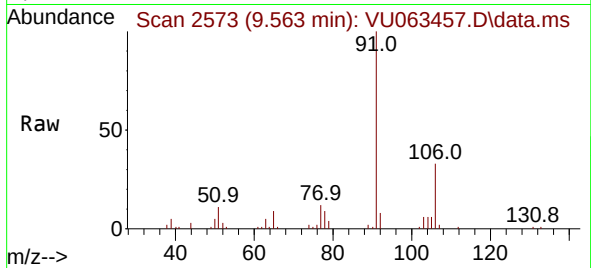




#63
Ethyl Benzene
Concen: 0.641 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

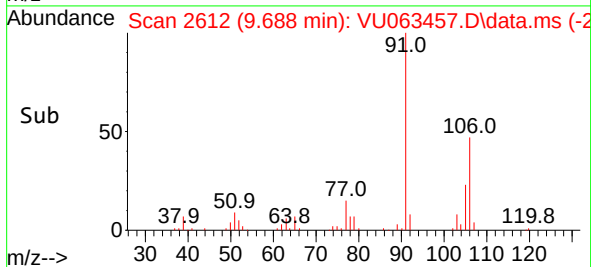
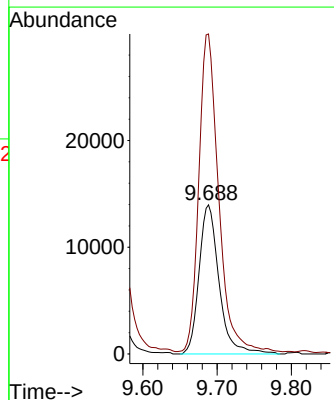
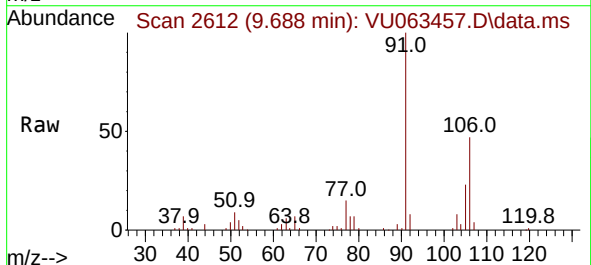
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

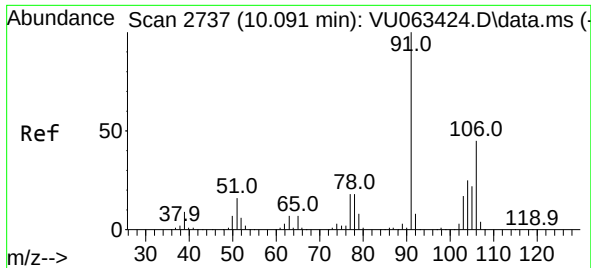
Tgt Ion: 91 Resp: 36768
Ion Ratio Lower Upper
91 100
106 33.0 24.2 36.2



#64
m/p-Xylenes
Concen: 1.169 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 106 Resp: 26172
Ion Ratio Lower Upper
106 100
91 208.2 169.9 254.9

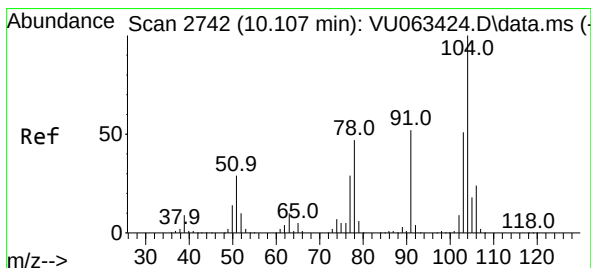
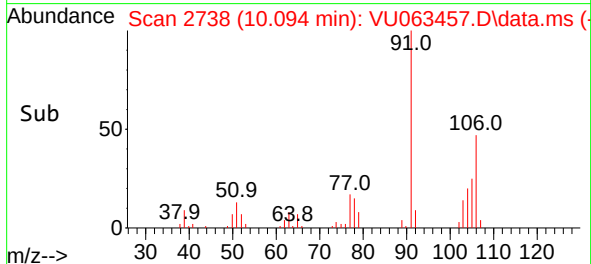
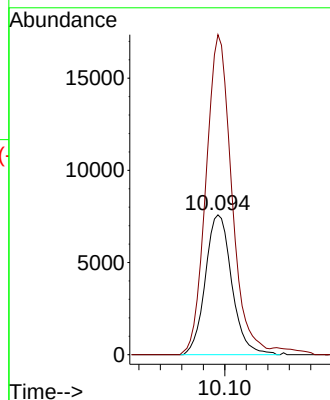
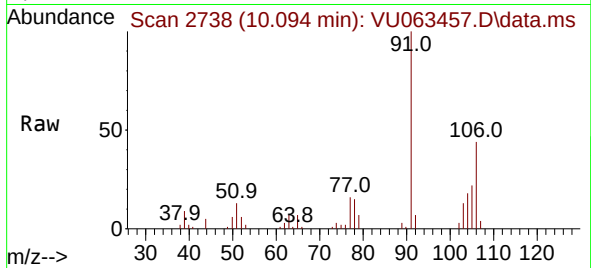




#65
o-Xylene
Concen: 0.595 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

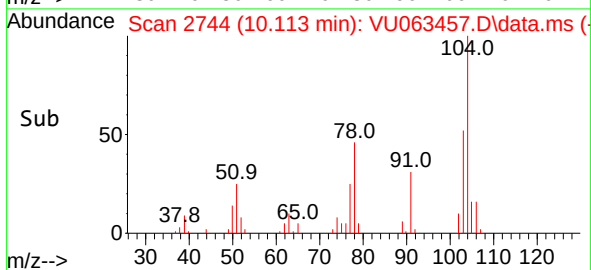
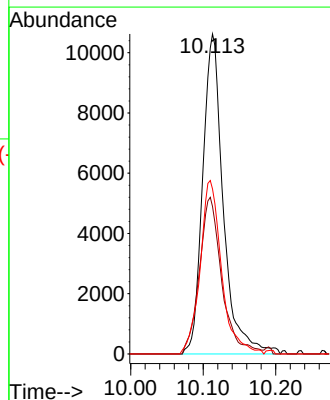
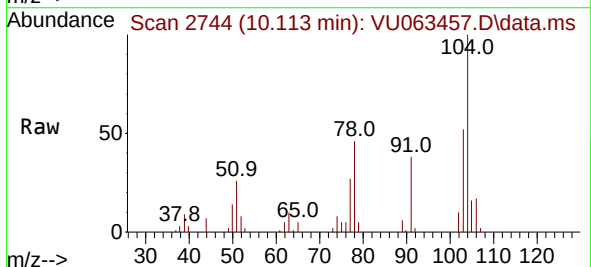
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

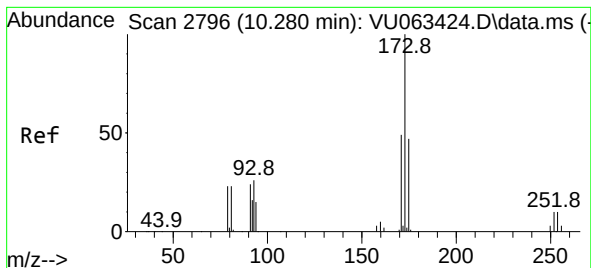
Tgt Ion:106 Resp: 12966
Ion Ratio Lower Upper
106 100
91 222.6 110.8 332.3



#66
Styrene
Concen: 0.591 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:104 Resp: 20999
Ion Ratio Lower Upper
104 100
78 53.2 41.6 62.4
103 56.3 44.6 67.0





#67

Bromoform

Concen: 0.721 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

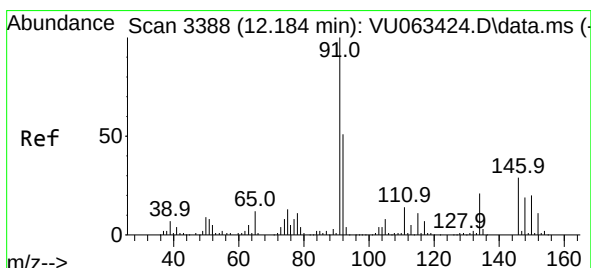
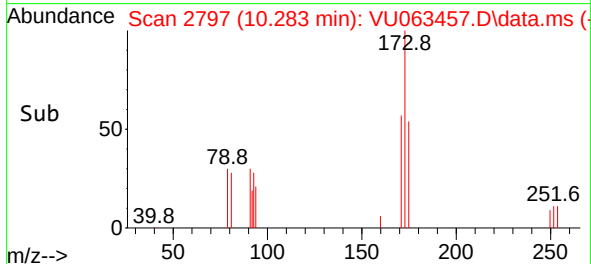
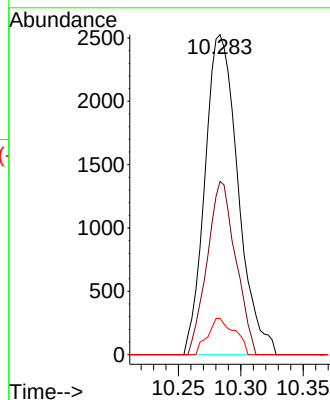
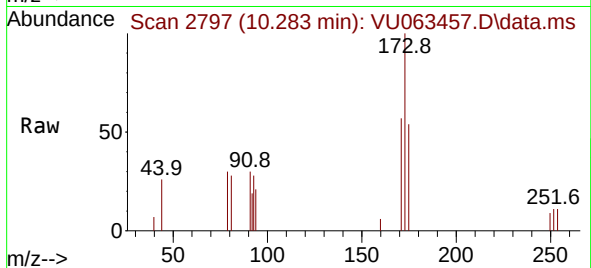
Tgt Ion:173 Resp: 4671

Ion Ratio Lower Upper

173 100

175 46.6 38.2 57.2

254 9.2 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.918 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

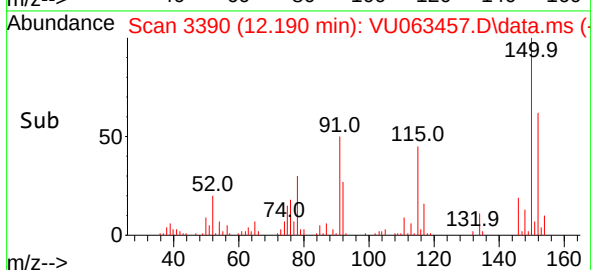
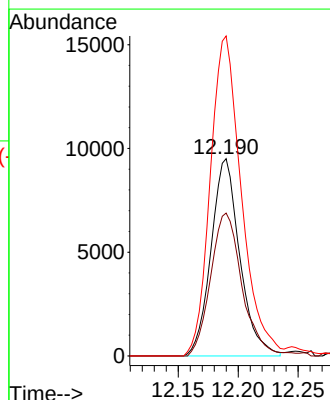
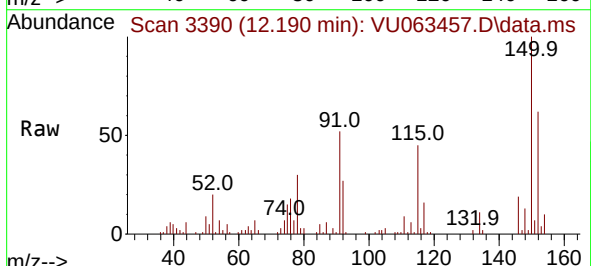
Tgt Ion:152 Resp: 15815

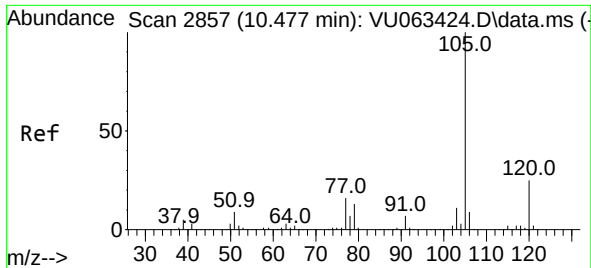
Ion Ratio Lower Upper

152 100

115 79.9 0.0 327.6

150 175.5 0.0 664.4

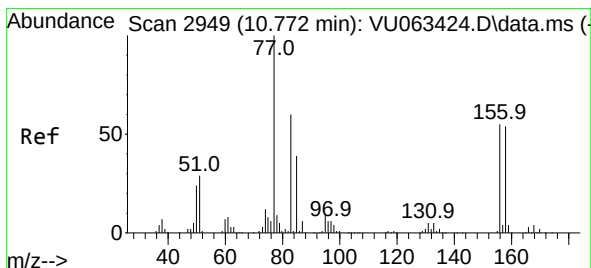
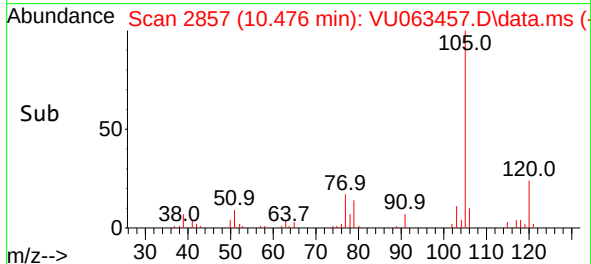
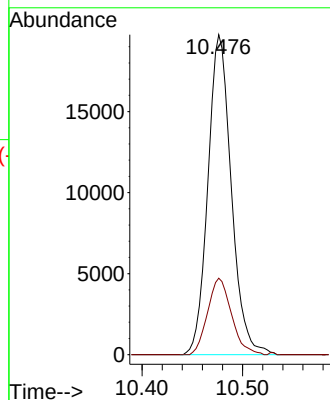
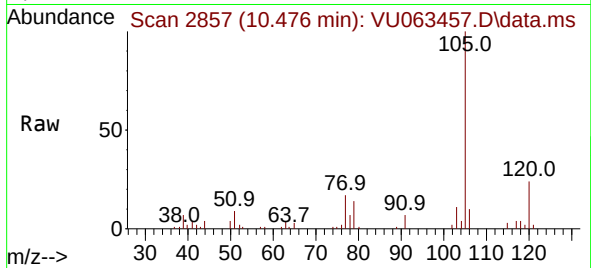




#69
Isopropylbenzene
Concen: 0.633 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

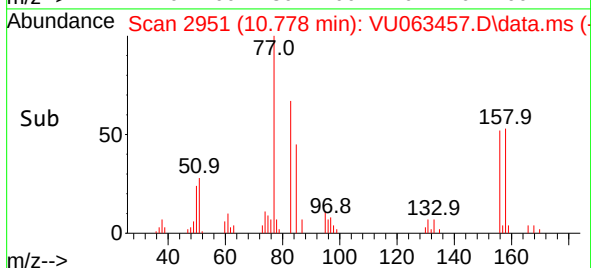
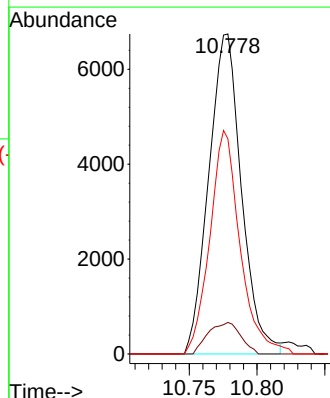
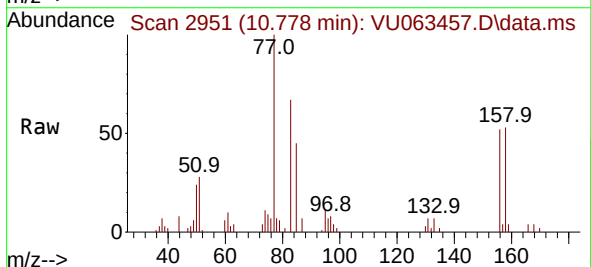
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

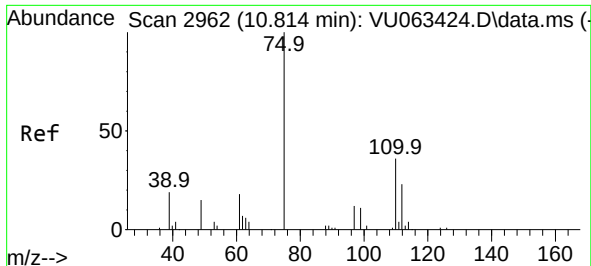
Tgt Ion:105 Resp: 31970
Ion Ratio Lower Upper
105 100
120 24.4 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 0.770 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 83 Resp: 11312
Ion Ratio Lower Upper
83 100
131 9.8 7.4 11.0
85 64.5 51.3 76.9

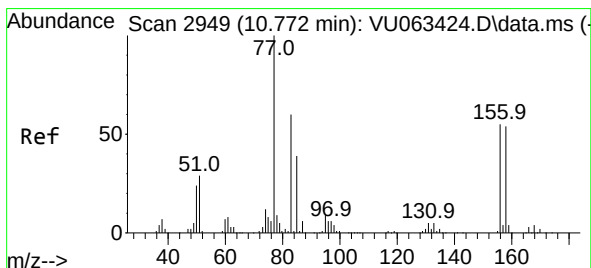
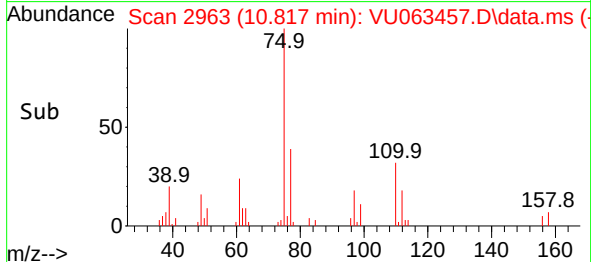
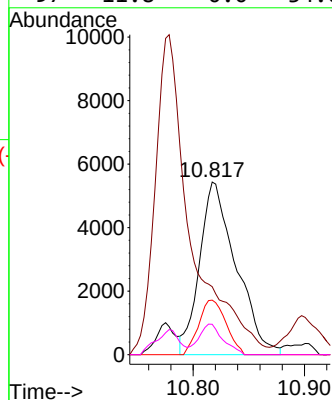
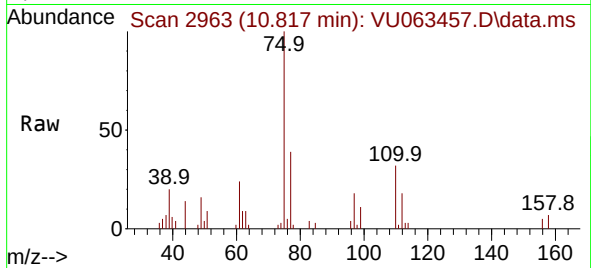




#71
1,2,3-Trichloropropane
Concen: 1.031 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

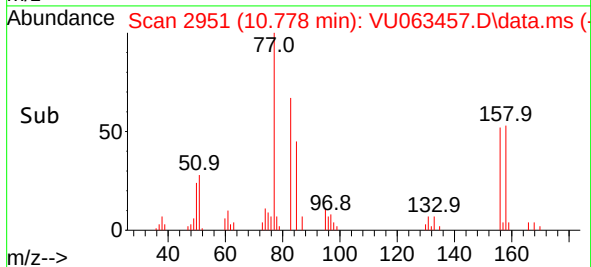
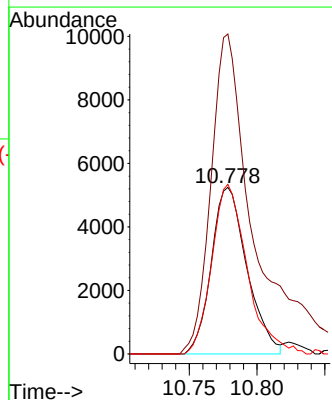
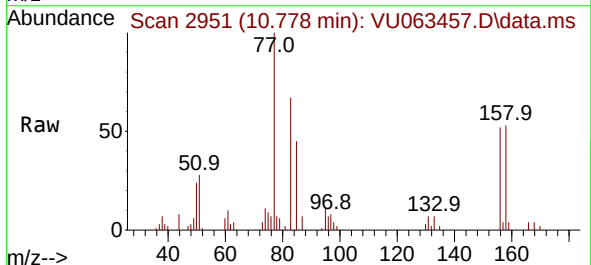
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

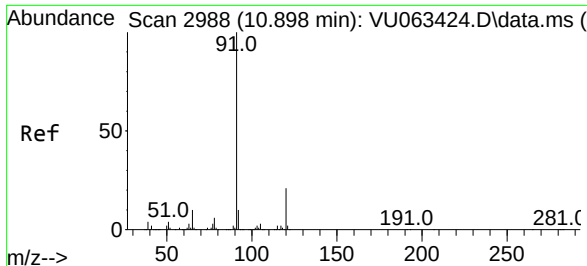
Tgt Ion:	75	Resp:	12378
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	23.5	0.0	63.4
97	11.8	0.0	34.0



#72
Bromobenzene
Concen: 0.676 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:	156	Resp:	9581
Ion	Ratio	Lower	Upper
156	100		
77	234.5	0.0	416.2
158	101.6	0.0	190.6

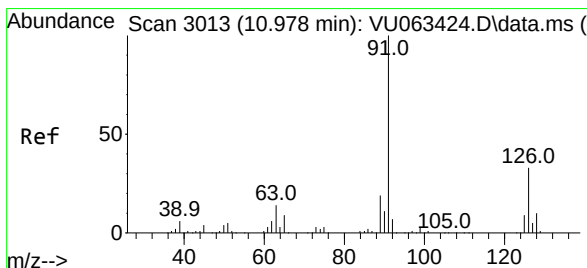
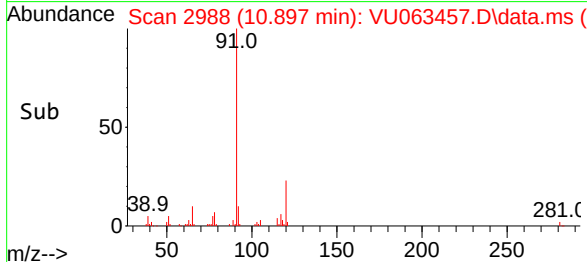
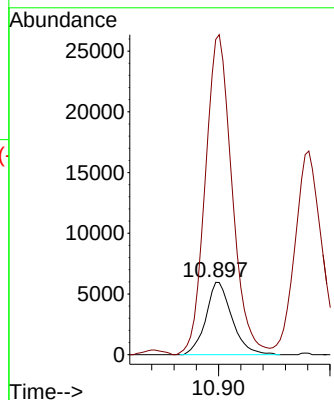
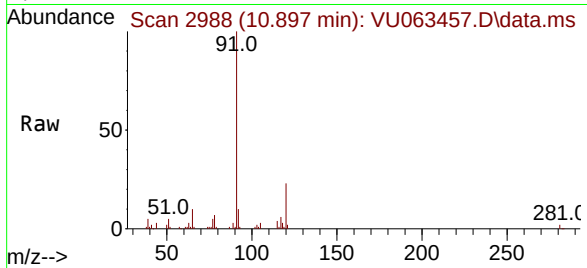




#73
n-propylbenzene
Concen: 0.633 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

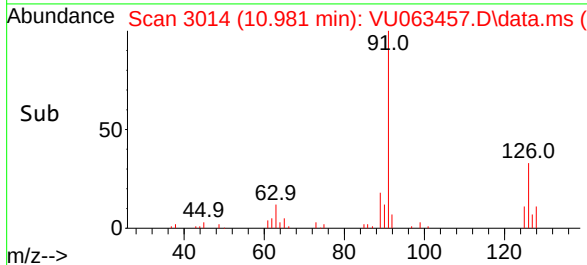
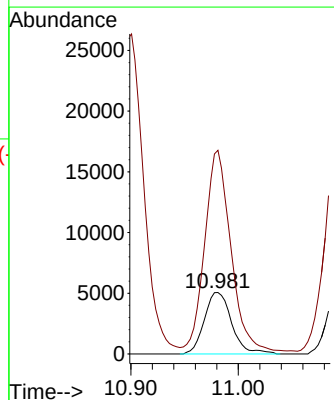
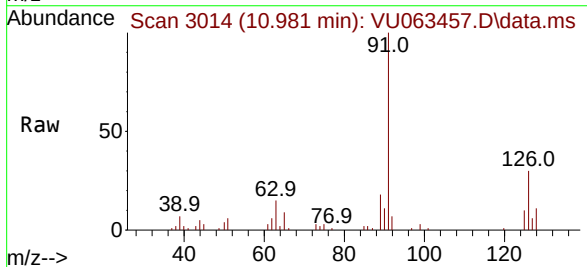
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

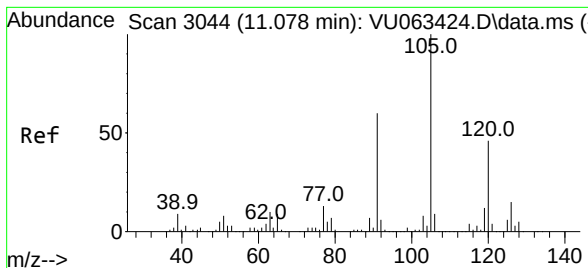
Tgt Ion:120 Resp: 9696
Ion Ratio Lower Upper
120 100
91 454.3 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.637 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:126 Resp: 8926
Ion Ratio Lower Upper
126 100
91 314.5 0.0 650.8





#75

1,3,5-Trimethylbenzene

Concen: 0.596 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

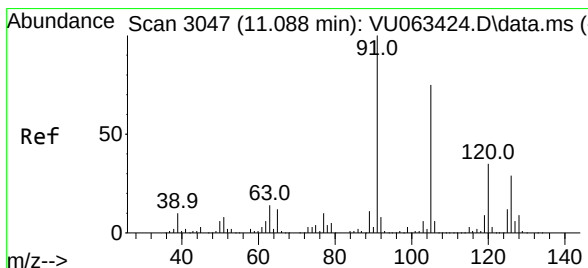
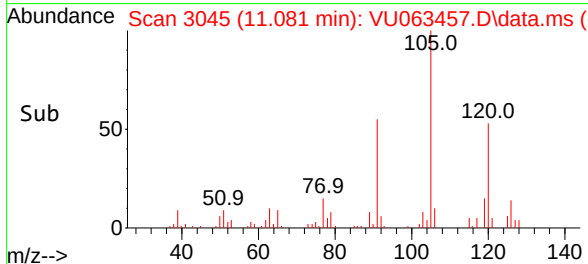
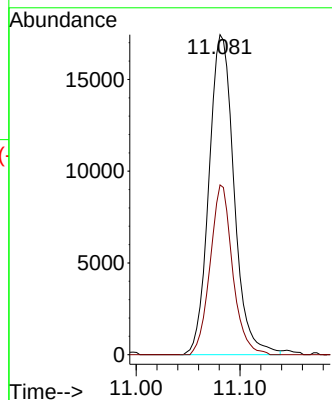
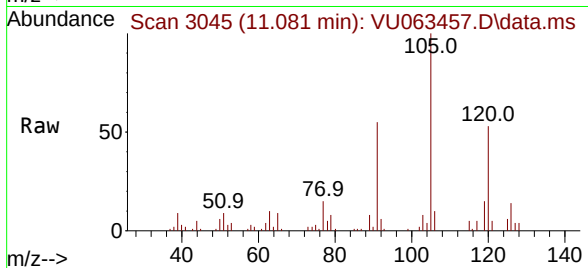
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 29277

Ion Ratio Lower Upper

105 100

120 47.4 37.0 55.4



#76

4-Chlorotoluene

Concen: 0.608 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VU063457.D

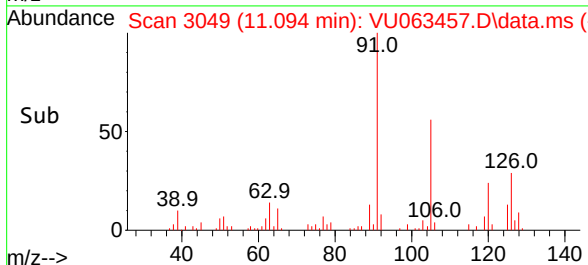
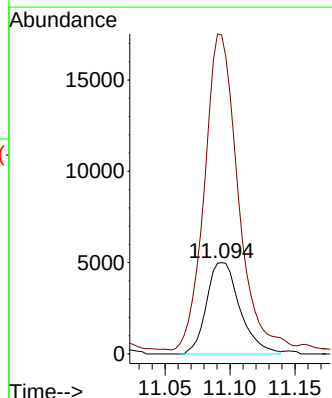
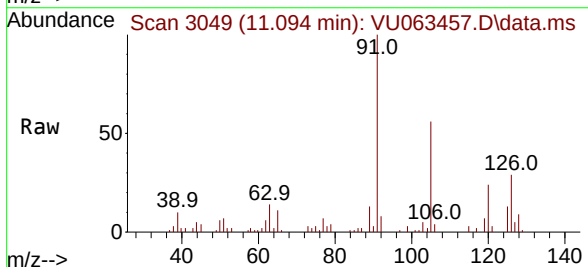
Acq: 25 Jun 2025 14:03

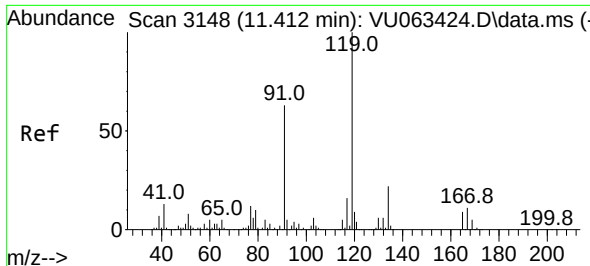
Tgt Ion:126 Resp: 8924

Ion Ratio Lower Upper

126 100

91 346.9 0.0 713.2

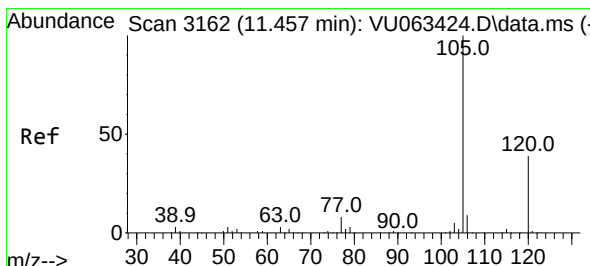
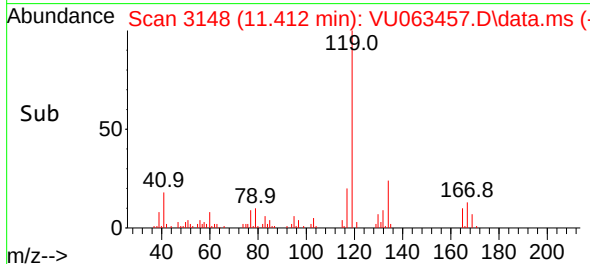
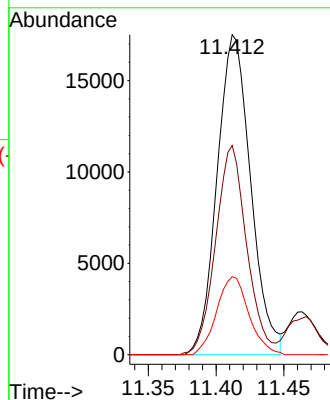
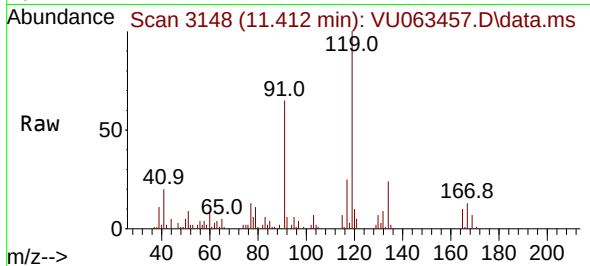




#77
tert-Butylbenzene
Concen: 0.651 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

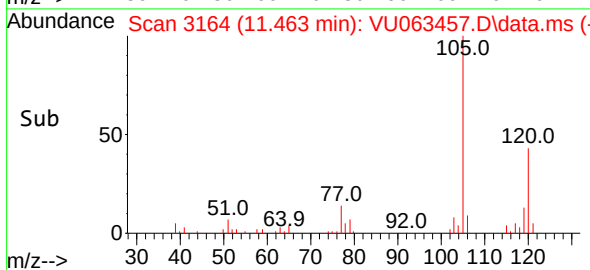
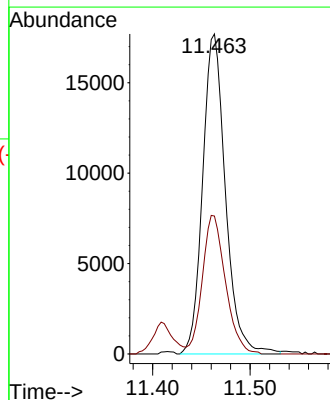
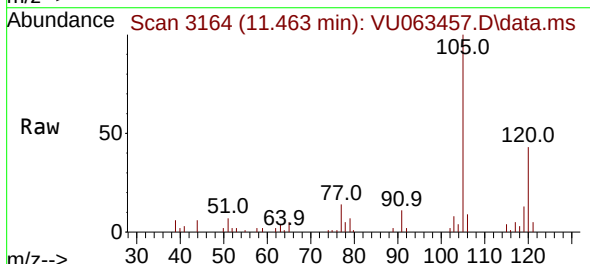
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

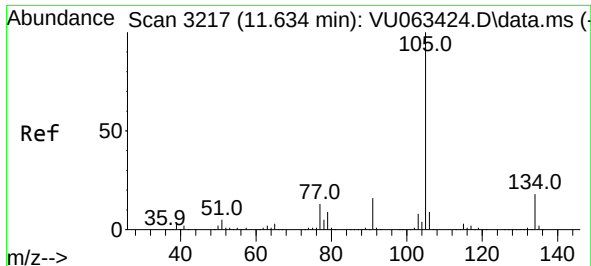
Tgt Ion:119 Resp: 30223
Ion Ratio Lower Upper
119 100
91 60.5 30.9 92.7
134 23.3 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.582 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:105 Resp: 28790
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5

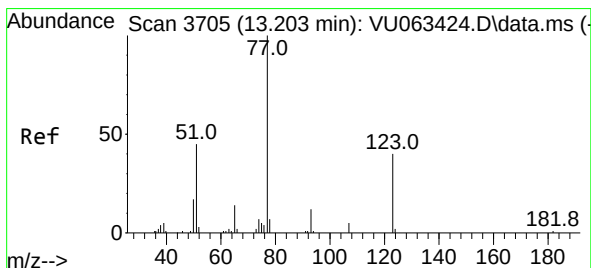
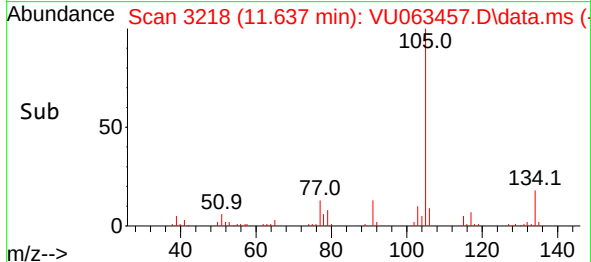
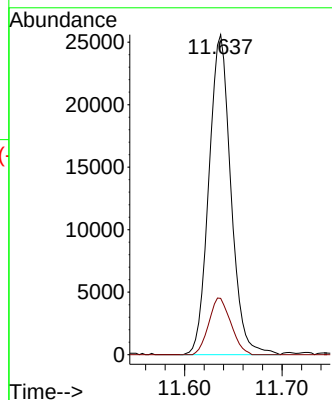
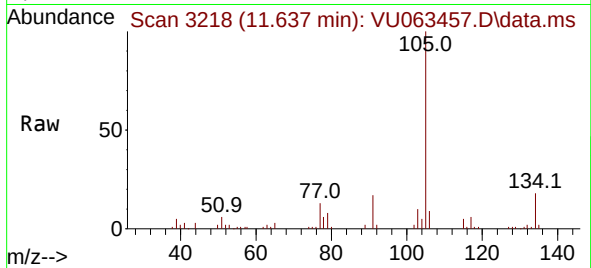




#79
sec-Butylbenzene
Concen: 0.611 ug/l
RT: 11.637 min Scan# 3113
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

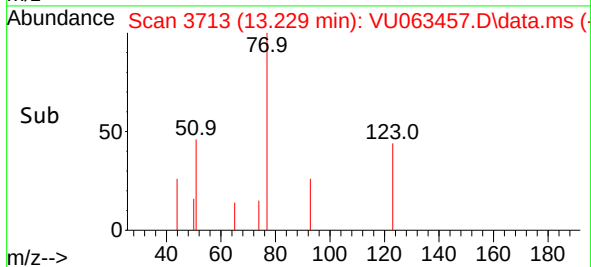
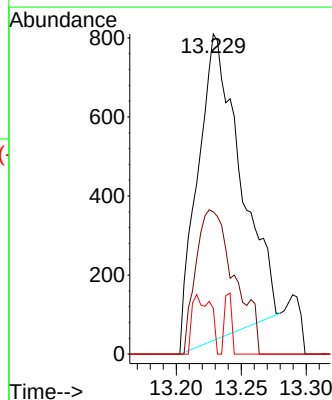
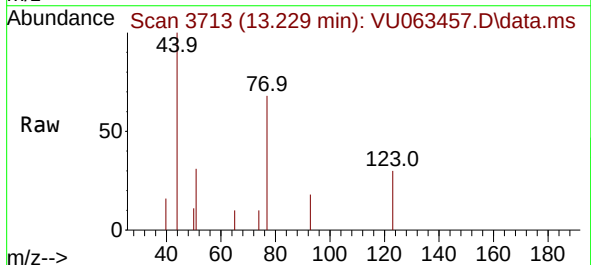
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

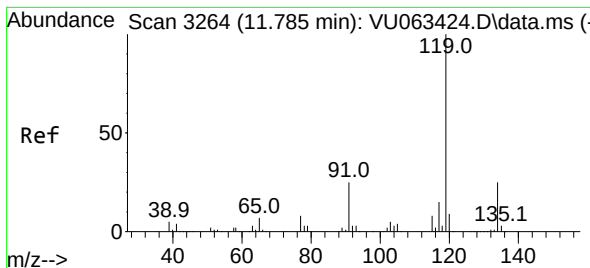
Tgt Ion:105 Resp: 40160
Ion Ratio Lower Upper
105 100
134 17.7 14.8 22.2



#80
Nitrobenzene
Concen: 2.651 ug/l
RT: 13.229 min Scan# 3713
Delta R.T. 0.026 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 77 Resp: 1775
Ion Ratio Lower Upper
77 100
123 42.7 19.6 69.6
65 8.4 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.606 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

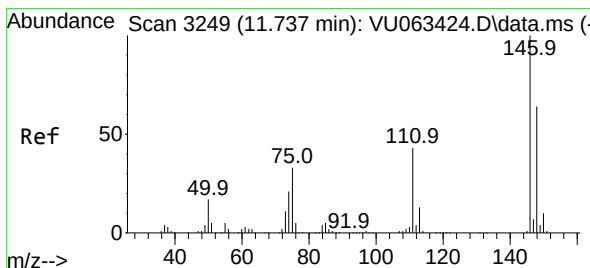
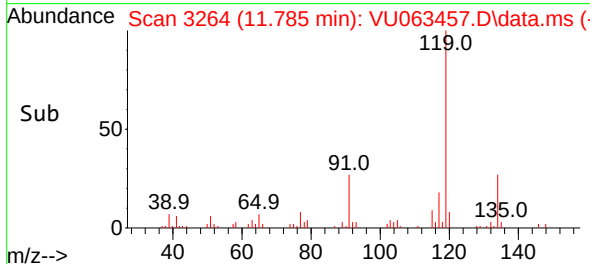
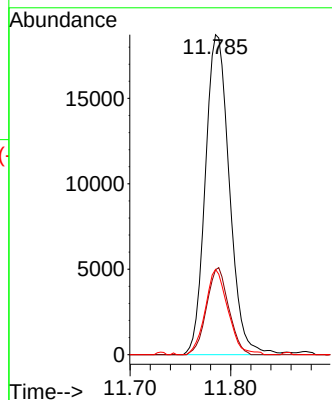
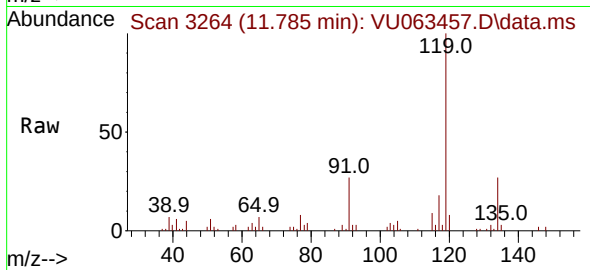
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	119	Resp:	31120
Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.2	30.2
91	25.1	19.7	29.5



#82

1,3-Dichlorobenzene

Concen: 0.731 ug/l

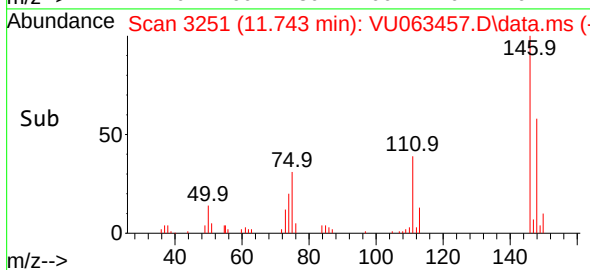
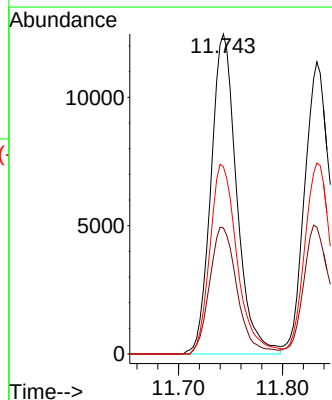
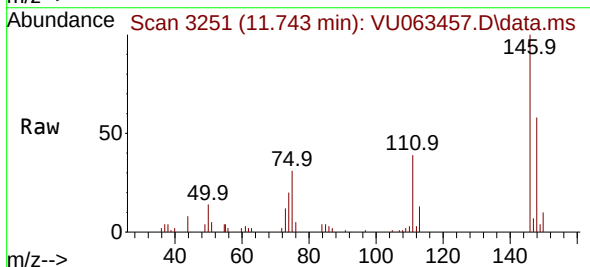
RT: 11.743 min Scan# 3251

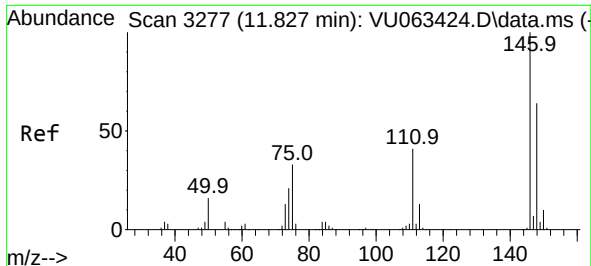
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	146	Resp:	21480
Ion	Ratio	Lower	Upper
146	100		
111	42.2	34.3	51.5
148	63.0	51.0	76.4

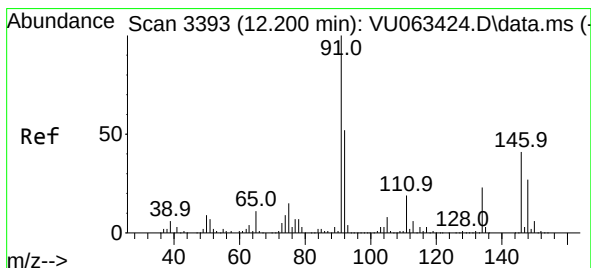
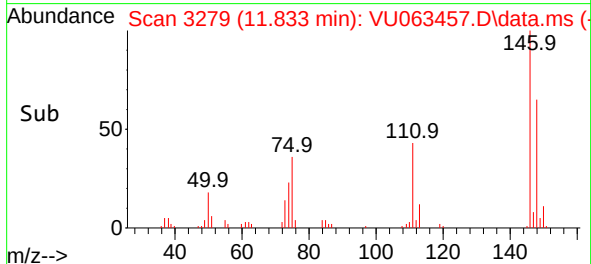
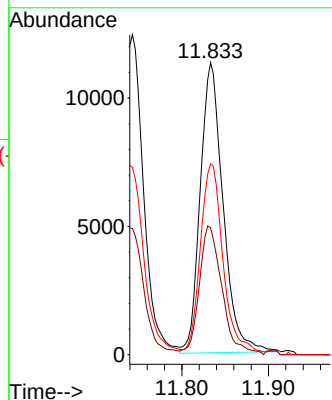
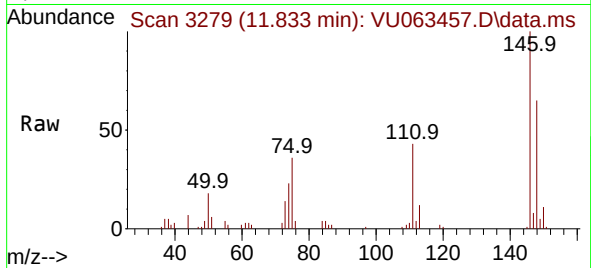




#83
1,4-Dichlorobenzene
Concen: 0.680 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

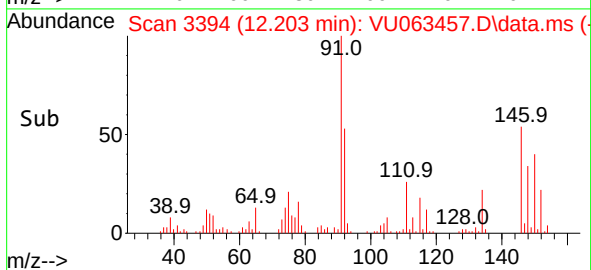
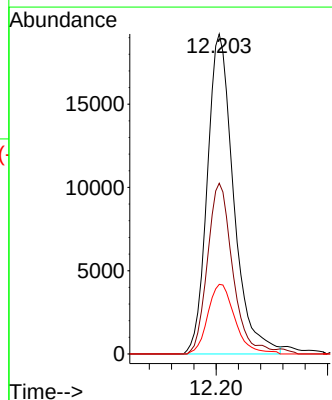
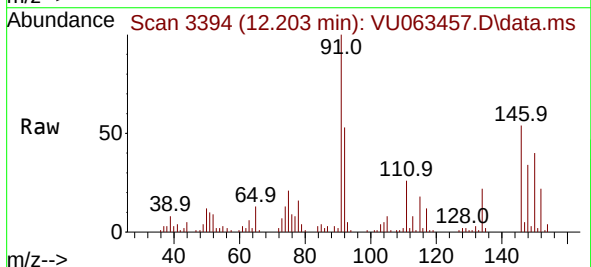
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

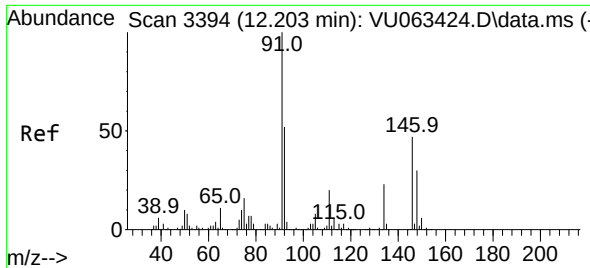
Tgt Ion:146 Resp: 20722
Ion Ratio Lower Upper
146 100
111 43.9 31.7 47.5
148 63.7 51.4 77.0



#84
n-Butylbenzene
Concen: 0.586 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 91 Resp: 31547
Ion Ratio Lower Upper
91 100
92 51.0 41.0 61.6
134 22.4 18.5 27.7

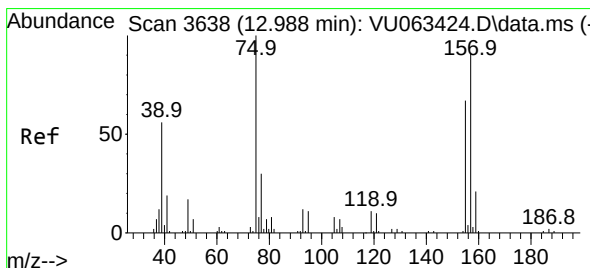
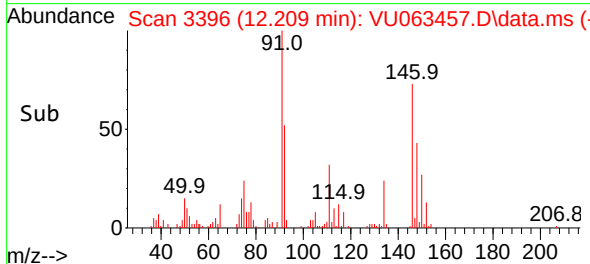
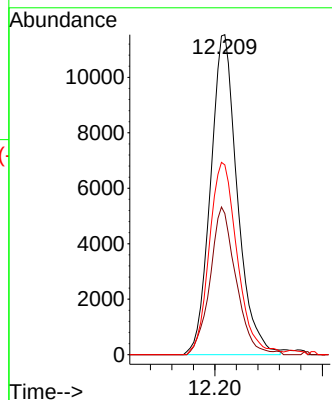
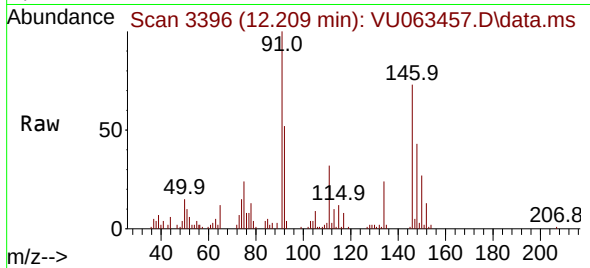




#85
 1,2-Dichlorobenzene
 Concen: 0.708 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

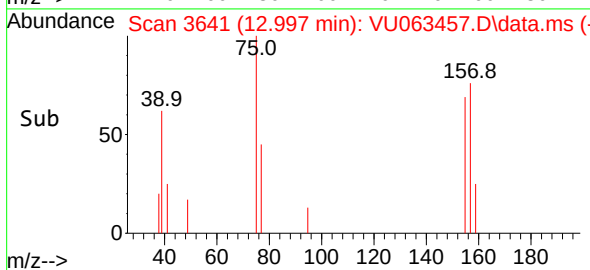
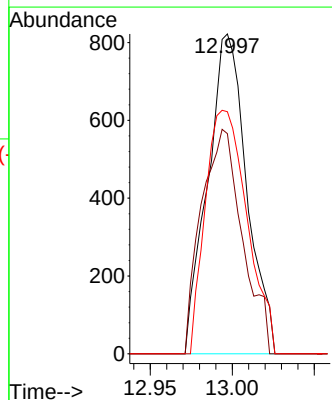
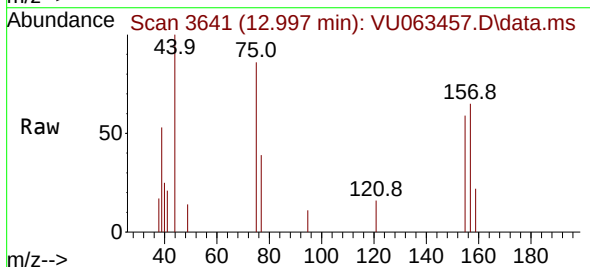
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

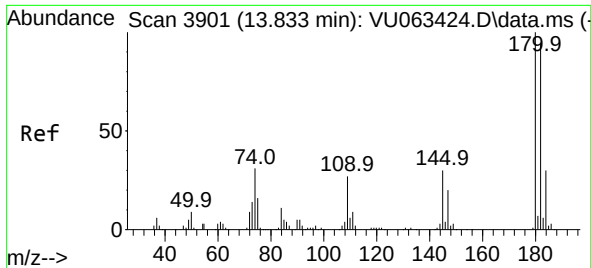
Tgt Ion:	146	Resp:	19915
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.8	65.4
148	63.0	32.3	96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.674 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.009 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Tgt Ion:	75	Resp:	1361
Ion	Ratio	Lower	Upper
75	100		
155	73.6	59.7	89.5
157	81.5	75.0	112.4

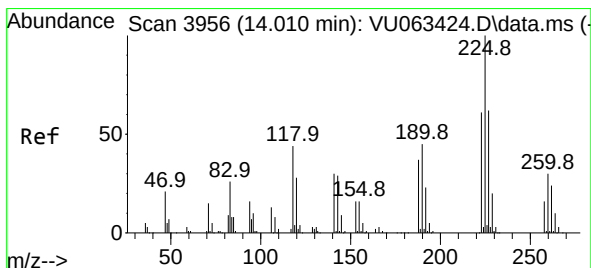
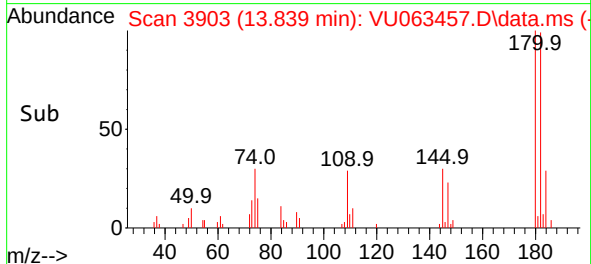
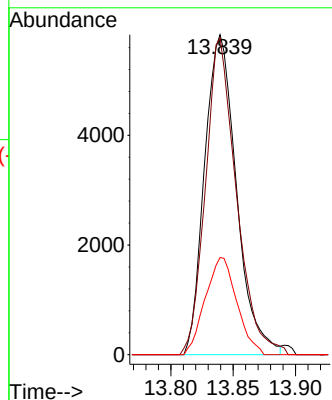
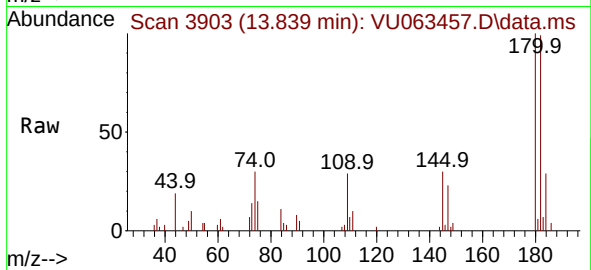




#87
 1,2,4-Trichlorobenzene
 Concen: 0.662 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

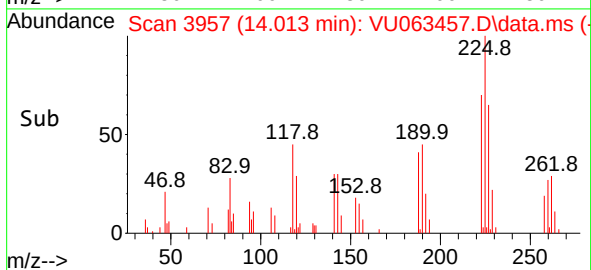
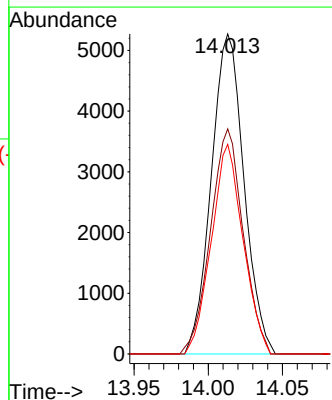
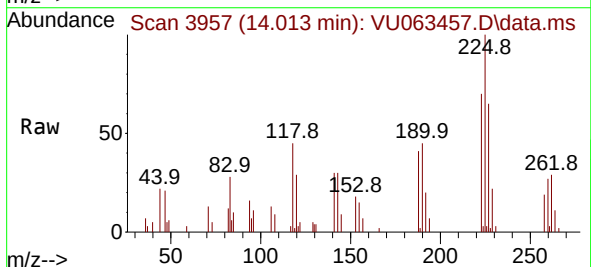
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

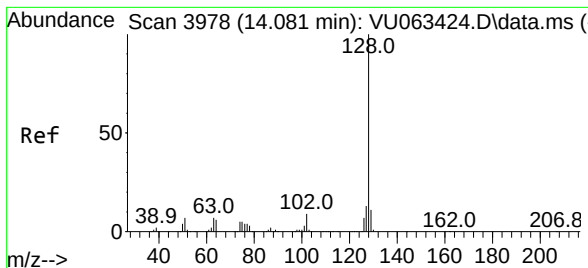
Tgt Ion:180 Resp: 10375
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.6 113.4
 145 30.1 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 0.726 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.003 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Tgt Ion:225 Resp: 8070
 Ion Ratio Lower Upper
 225 100
 223 70.3 50.0 75.0
 227 63.6 51.5 77.3





#89

Naphthalene

Concen: 0.613 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.009 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

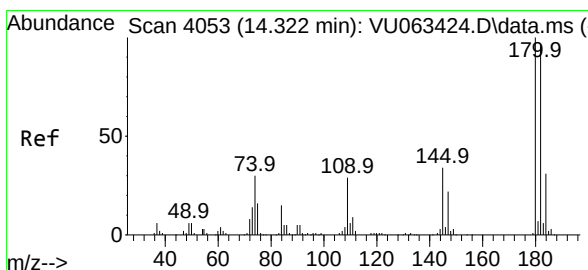
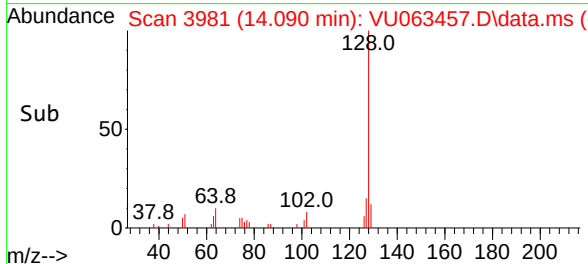
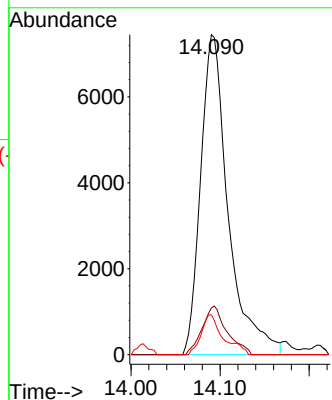
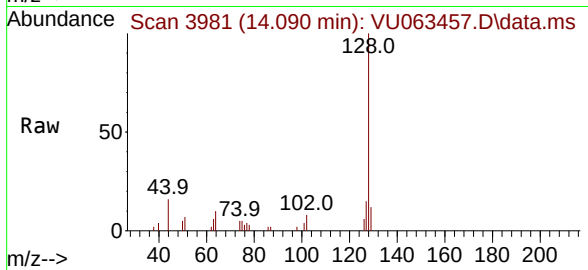
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	128	Resp:	16000
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	10.0	8.7	13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.629 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	180	Resp:	9804
Ion Ratio	Lower	Upper	
180	100		
182	90.6	76.7	115.1
145	31.8	27.4	41.2

