

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057798.D
 Acq On : 02 Feb 2024 17:41
 Operator : MD/SY
 Sample : P1187-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 05 02:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 05 02:31:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	40023	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13363	0.882	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12028	0.881	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4183	0.314	ug/l	99
3) Chloromethane	1.518	50	4270	0.334	ug/l	99
4) Vinyl Chloride	1.602	62	3906	0.300	ug/l	# 86
5) Bromomethane	1.856	94	2845	0.368	ug/l	97
6) Chloroethane	1.930	64	2782	0.338	ug/l	96
7) Trichlorofluoromethane	2.132	101	6158	0.308	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	3018	0.294	ug/l	95
9) 1,1-Dichloroethene	2.573	96	2917	0.293	ug/l	85
10) Iodomethane	2.718	142	3316	0.281	ug/l	89
11) Allyl Chloride	2.923	41	4305	0.319	ug/l	91
12) Acrylonitrile	3.354	53	842	0.496	ug/l	# 85
13) Acetone	2.656	43	3613	1.176	ug/l	93
14) Carbon Disulfide	2.788	76	9869	0.310	ug/l	95
15) Methylene Chloride	3.042	84	5804	0.489	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	3268	0.301	ug/l	# 87
17) 1,1-Dichloroethane	3.865	63	6357	0.310	ug/l	99
18) 2-Butanone	4.750	43	3059	0.924	ug/l	73
19) Cyclohexane	5.377	56	5171	0.322	ug/l	92
20) Methylcyclohexane	6.759	83	5852	0.301	ug/l	96
21) 2,2-Dichloropropane	4.663	77	5368	0.295	ug/l	97
22) cis-1,2-Dichloroethene	4.666	96	3812	0.320	ug/l	90
23) Diethyl Ether	2.374	59	2327	0.324	ug/l	# 82
24) tert-Butyl Alcohol	3.232	59	246	0.301	ug/l	# 1
25) Methyl tert-Butyl Ether	3.357	73	7228	0.310	ug/l	# 88
26) Bromochloromethane	4.978	128	1198	0.251	ug/l	# 81
27) Chloroform	5.087	83	6862	0.322	ug/l	88
28) 1,1,1-Trichloroethane	5.309	97	5787	0.301	ug/l	79
29) 1,1-Dichloropropene	5.525	75	4912	0.315	ug/l	92
30) Carbon Tetrachloride	5.521	117	4752	0.287	ug/l	97
31) Isopropyl Ether	3.988	45	9255	0.308	ug/l	98
32) Ethyl-t-butyl ether	4.492	59	8705	0.313	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	7237	0.309	ug/l	96
34) Propionitrile	4.836	54	177	0.258	ug/l	# 1
35) Benzene	5.772	78	13238	0.295	ug/l	97
36) 1,2-Dichloroethane	5.801	62	4079	0.312	ug/l	# 93
37) Trichloroethene	6.541	130	4012	0.337	ug/l	88
38) 1,2-Dichloropropane	6.788	63	3689	0.317	ug/l	# 88
39) Methacrylonitrile	5.007	41	672	0.246	ug/l	# 26
40) Methyl acrylate	4.901	55	848	0.206	ug/l	# 71
41) Tetrahydrofuran	5.068	42	286	0.196	ug/l	# 57
42) 1-Chlorobutane	5.457	56	5986	0.292	ug/l	83
43) Dibromomethane	6.917	93	1618	0.303	ug/l	# 65
44) Bromodichloromethane	7.103	83	4387	0.293	ug/l	91

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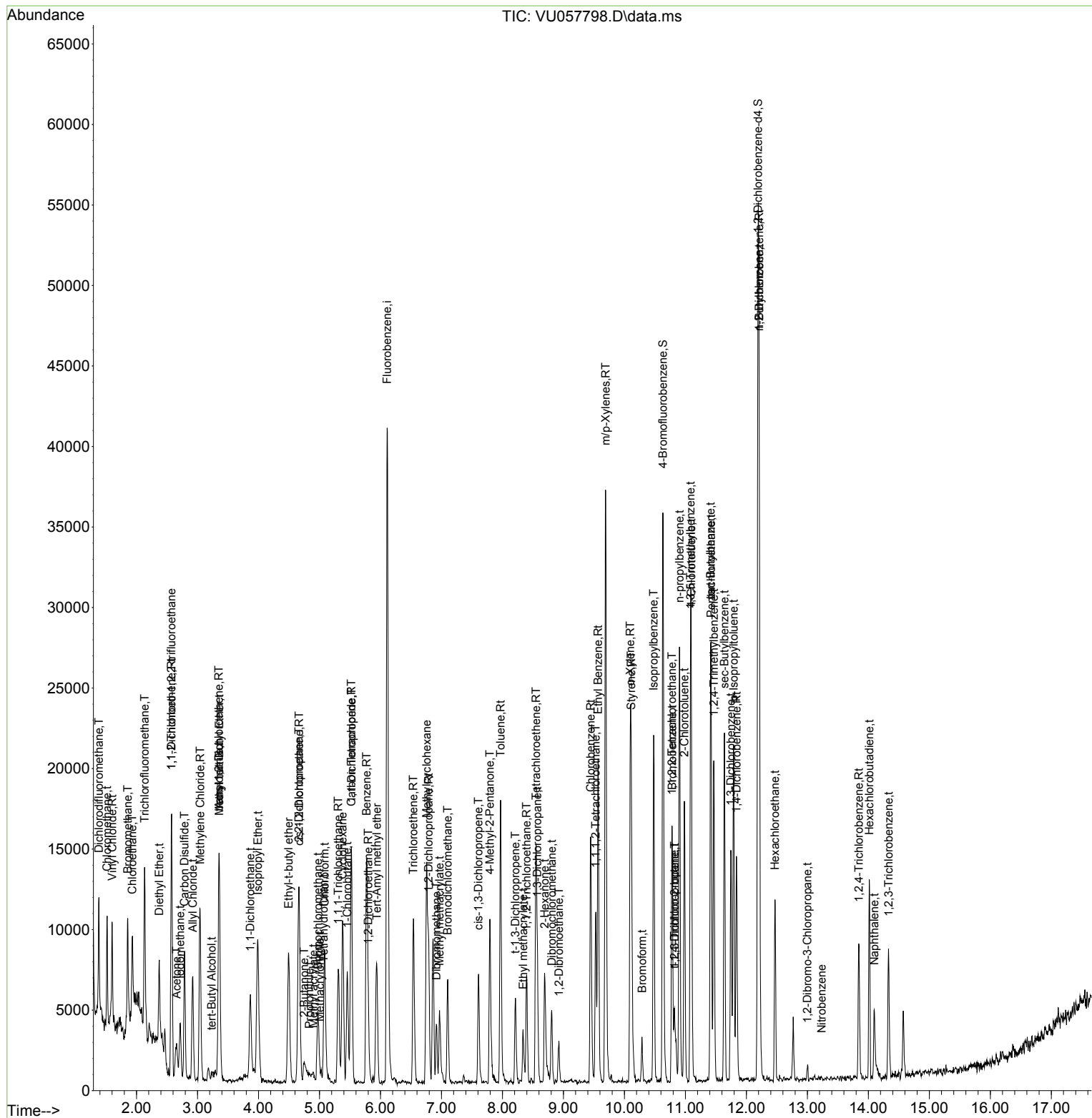
Quant Time: Feb 05 02:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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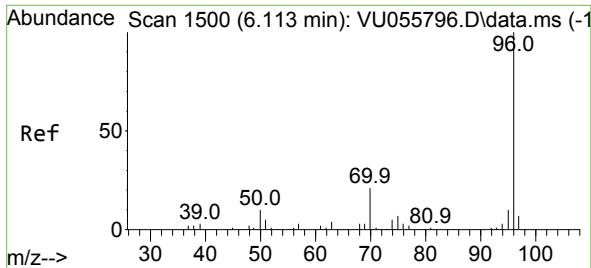
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	7599	1.334	ug/l	97
46) t-1,4-Dichloro-2-butene	10.823	75	2581	1.994	ug/l #	27
47) Methyl methacrylate	6.968	69	2531	0.536	ug/l	91
48) Ethyl methacrylate	8.341	69	2184	0.231	ug/l	86
49) Toluene	7.968	92	8150	0.298	ug/l	97
50) t-1,3-Dichloropropene	8.213	75	3311	0.256	ug/l	95
51) cis-1,3-Dichloropropene	7.608	75	4785	0.292	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	2328	0.316	ug/l	92
53) 1,3-Dichloropropane	8.573	76	3894	0.294	ug/l	98
54) 2-Hexanone	8.692	43	6122	1.167	ug/l	90
55) Dibromochloromethane	8.807	129	2564	0.281	ug/l	95
56) 1,2-Dibromoethane	8.926	107	1888	0.278	ug/l	90
58) Tetrachloroethene	8.553	164	3370	0.321	ug/l	88
59) Chlorobenzene	9.447	112	9407	0.311	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	2951	0.287	ug/l	92
61) Pentachloroethane	11.421	117	1950	0.261	ug/l	92
62) Hexachloroethane	12.466	117	2135	0.262	ug/l	90
63) Ethyl Benzene	9.569	91	15659	0.291	ug/l	94
64) m/p-Xylenes	9.692	106	11033	0.564	ug/l	94
65) o-Xylene	10.097	106	5545	0.286	ug/l	90
66) Styrene	10.113	104	7491	0.259	ug/l	95
67) Bromoform	10.290	173	1296	0.276	ug/l #	79
69) Isopropylbenzene	10.479	105	14892	0.293	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.778	83	2761	0.299	ug/l	92
71) 1,2,3-Trichloropropane	10.823	75	2581	0.339	ug/l	77
72) Bromobenzene	10.785	156	3090	0.277	ug/l	96
73) n-propylbenzene	10.904	120	4677	0.367	ug/l	92
74) 2-Chlorotoluene	10.984	126	3314	0.280	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	11897	0.273	ug/l	99
76) 4-Chlorotoluene	11.097	126	3022	0.254	ug/l	73
77) tert-Butylbenzene	11.415	119	11525	0.282	ug/l	96
78) 1,2,4-Trimethylbenzene	11.466	105	11981	0.271	ug/l	98
79) sec-Butylbenzene	11.640	105	14544	0.278	ug/l	98
80) Nitrobenzene	13.235	77	61	0.337	ug/l #	40
81) p-Isopropyltoluene	11.791	119	11575	0.263	ug/l	93
82) 1,3-Dichlorobenzene	11.746	146	6316	0.280	ug/l	100
83) 1,4-Dichlorobenzene	11.839	146	6371	0.289	ug/l	94
84) n-Butylbenzene	12.209	91	11007	0.261	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	6275	0.306	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	332	0.263	ug/l #	42
87) 1,2,4-Trichlorobenzene	13.846	180	2969	0.243	ug/l #	88
88) Hexachlorobutadiene	14.016	225	2146	0.273	ug/l	95
89) Naphthalene	14.097	128	5719	0.303	ug/l #	88
90) 1,2,3-Trichlorobenzene	14.334	180	2963	0.291	ug/l	97

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

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ClientSampleId :
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QLast Update : Mon Feb 05 02:31:17 2024
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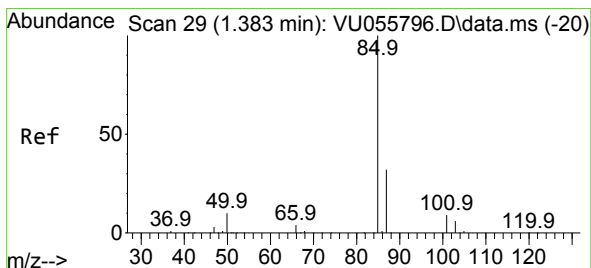
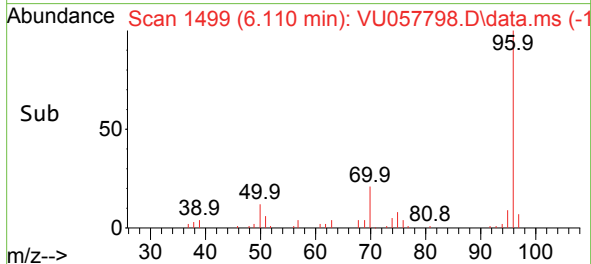
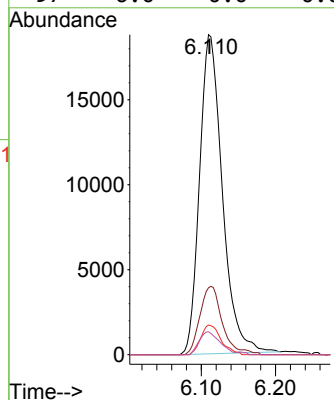
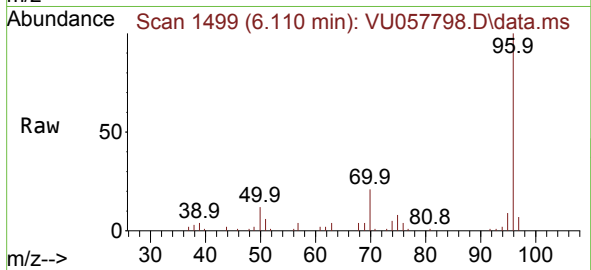




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

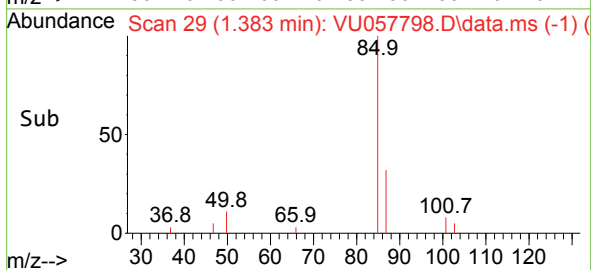
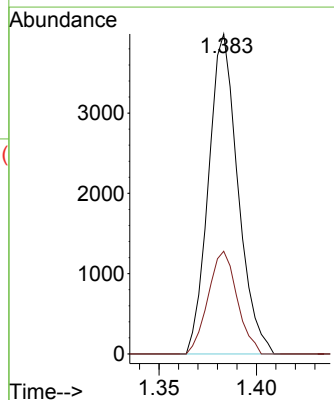
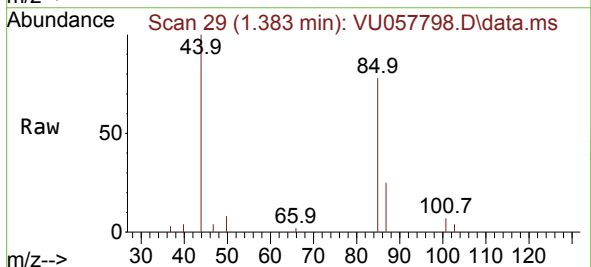
Instrument :
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MDL-WATER-03-QT1-2024

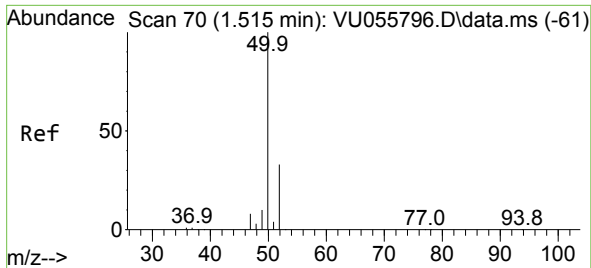
Tgt Ion: 96	Resp: 40023
Ion Ratio	Lower Upper
96 100	
70 21.1	16.5 24.7
95 8.3	7.4 11.0
97 6.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.314 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 85	Resp: 4183
Ion Ratio	Lower Upper
85 100	
87 32.1	16.2 48.6

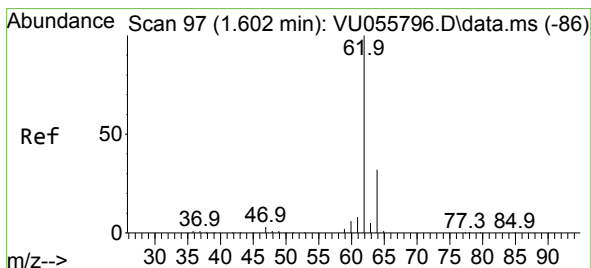
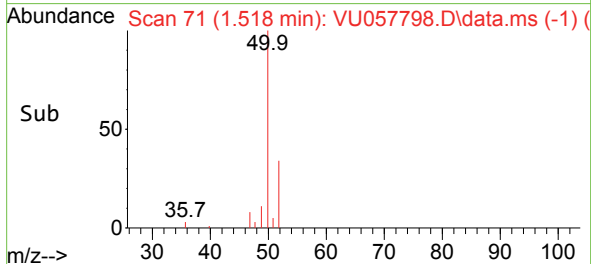
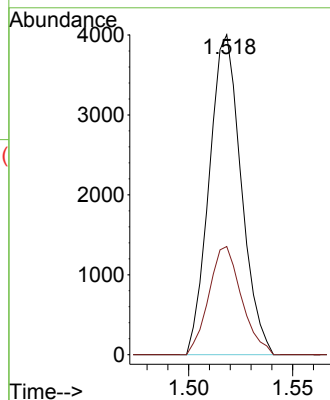
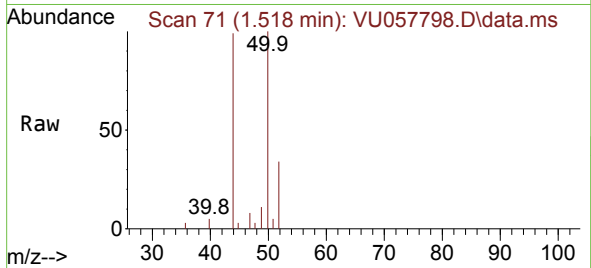




#3
Chloromethane
Concen: 0.334 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

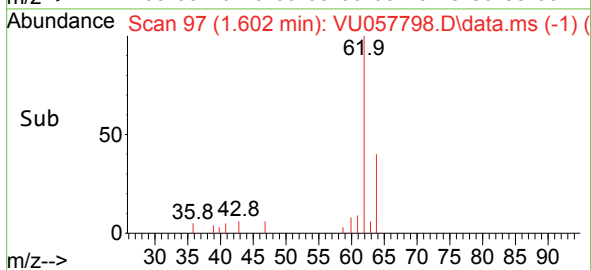
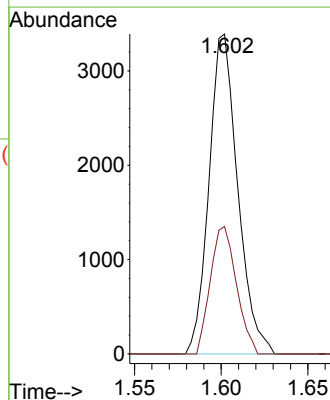
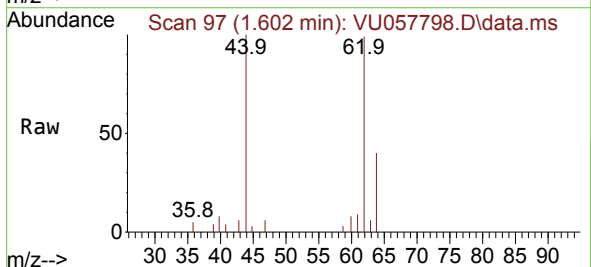
Instrument :
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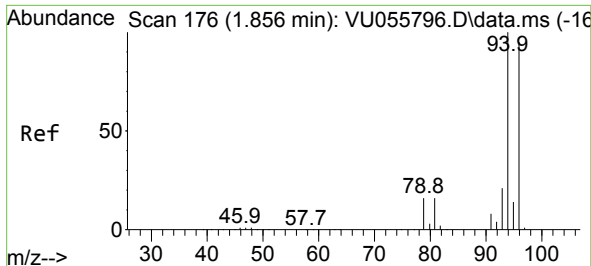
Tgt Ion: 50 Resp: 4270
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 0.300 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

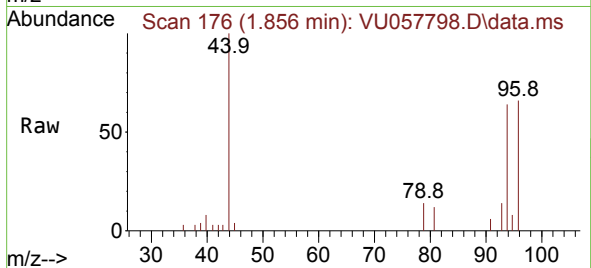
Tgt Ion: 62 Resp: 3906
Ion Ratio Lower Upper
62 100
64 39.9 25.4 38.2#



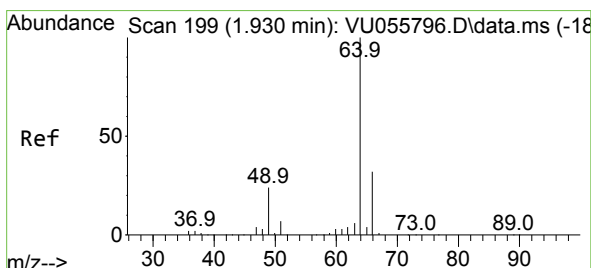
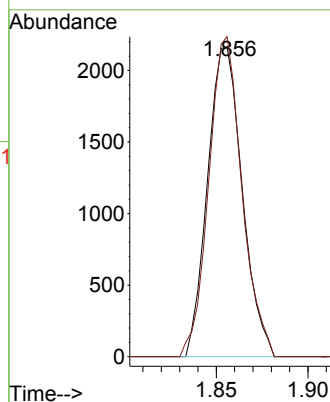
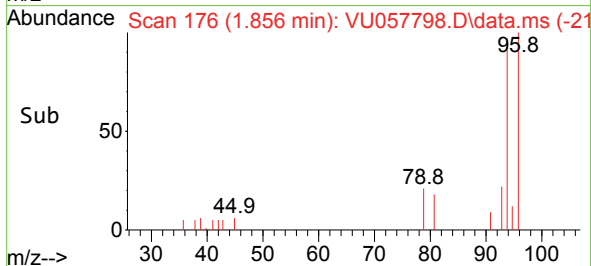


#5
Bromomethane
Concen: 0.368 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Instrument :
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ClientSampleId :
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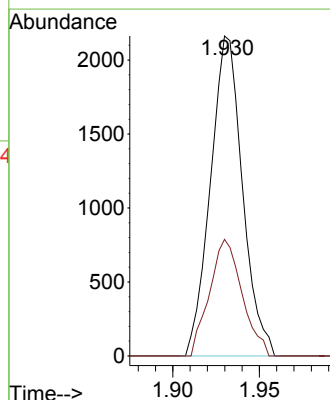
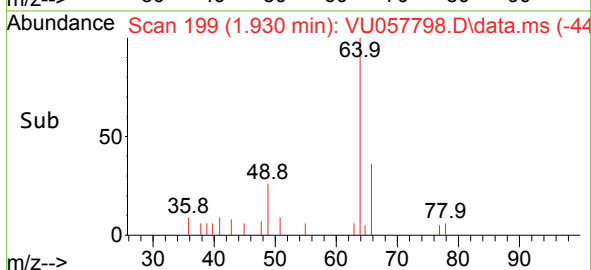
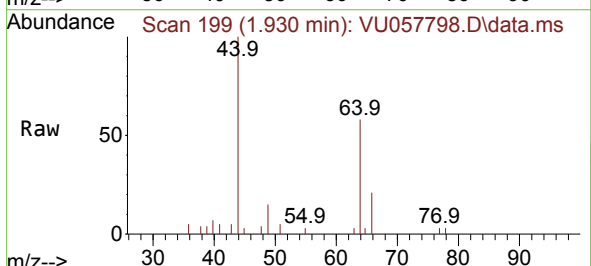


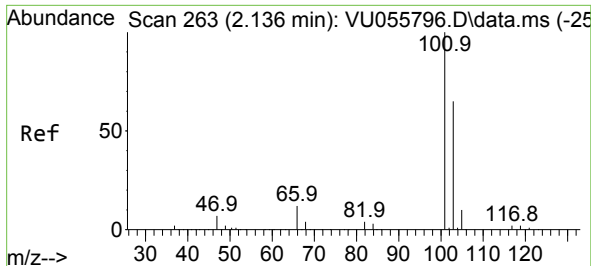
Tgt Ion: 94 Resp: 2845
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2



#6
Chloroethane
Concen: 0.338 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 64 Resp: 2782
Ion Ratio Lower Upper
64 100
66 34.6 26.0 39.0

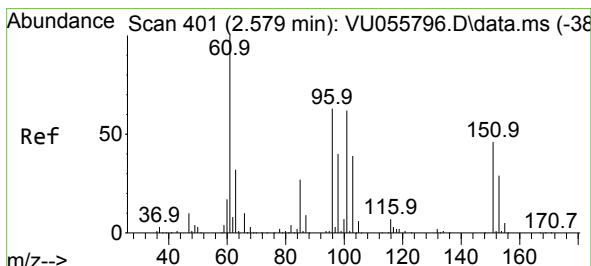
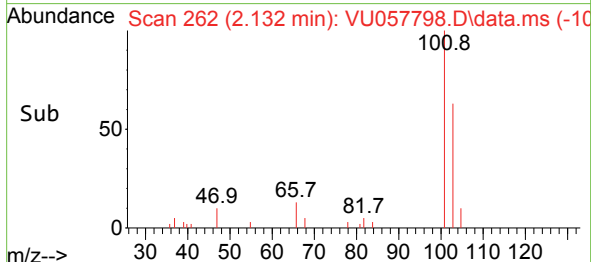
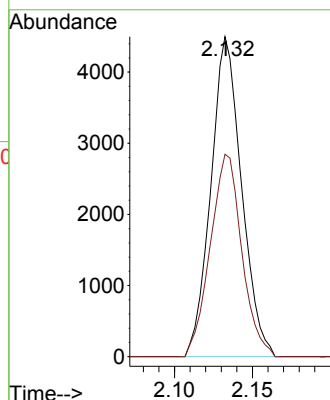
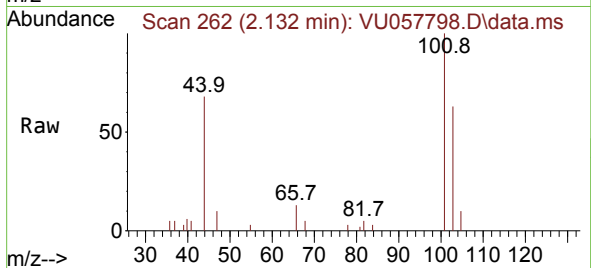




#7
 Trichlorofluoromethane
 Concen: 0.308 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.004 min
 Lab File: VU057798.D
 Acq: 02 Feb 2024 17:41

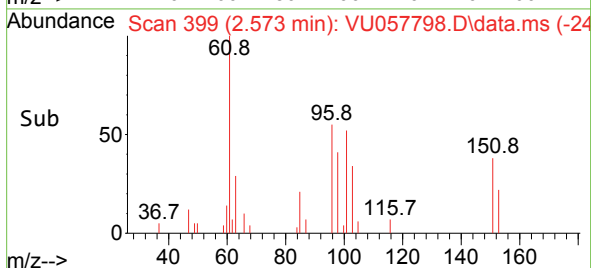
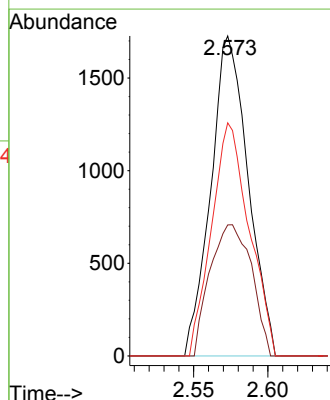
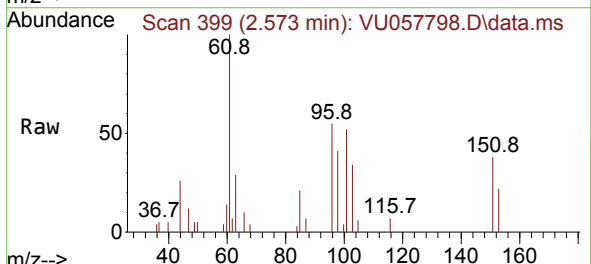
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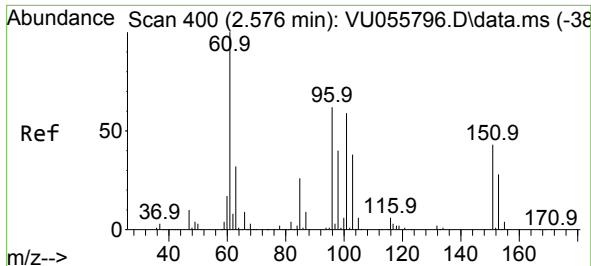
Tgt Ion:101 Resp: 6158
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.294 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VU057798.D
 Acq: 02 Feb 2024 17:41

Tgt Ion:101 Resp: 3018
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.4 53.0
 151 73.5 54.0 81.0

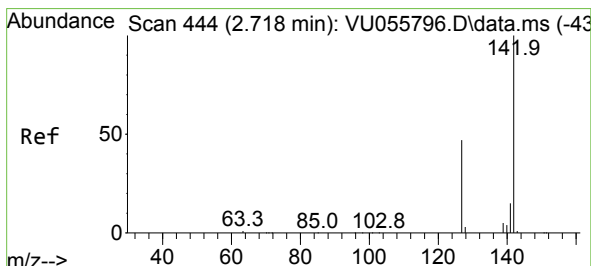
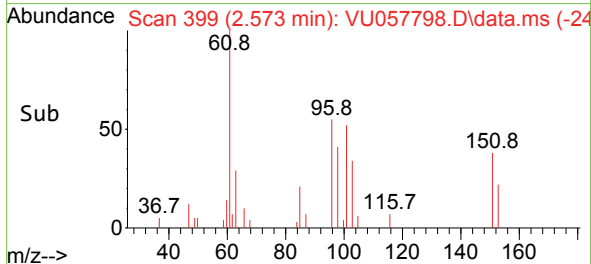
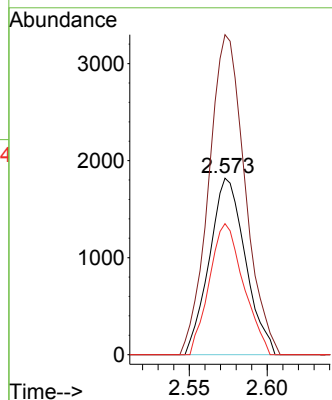
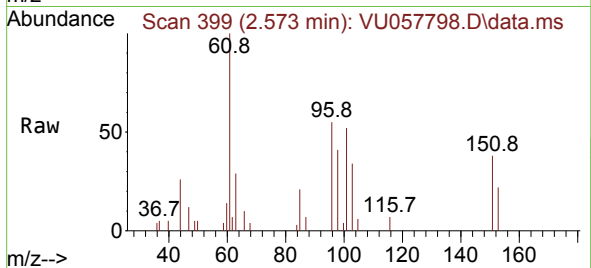




#9
1,1-Dichloroethene
Concen: 0.293 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

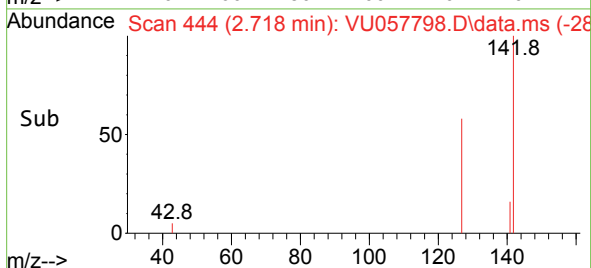
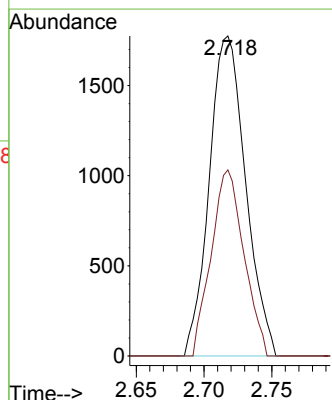
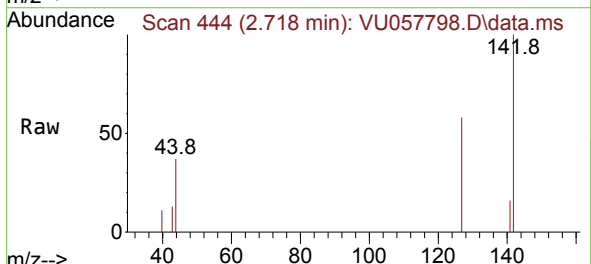
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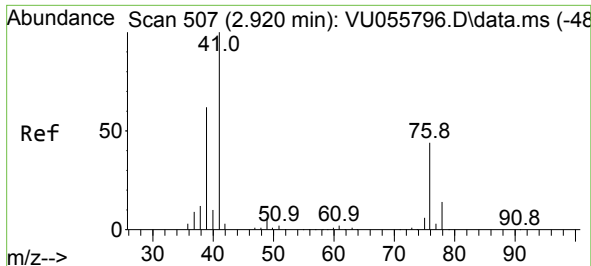
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Ion Ratio Lower Upper
96 100
61 194.2 0.0 521.4
98 74.3 0.0 125.8



#10
Iodomethane
Concen: 0.281 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 142 Resp: 3316
Ion Ratio Lower Upper
142 100
127 52.2 35.9 53.9





#11

Allyl Chloride

Concen: 0.319 ug/l

RT: 2.923 min Scan# 507

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

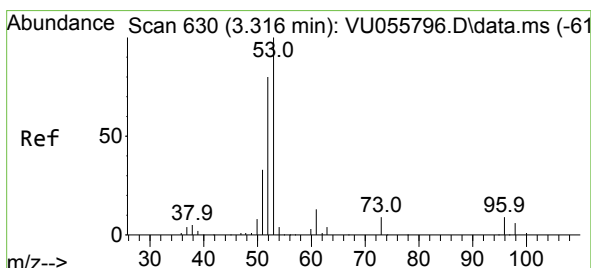
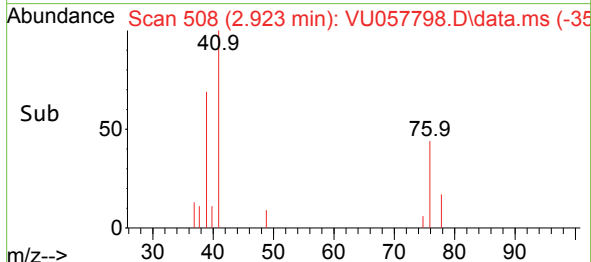
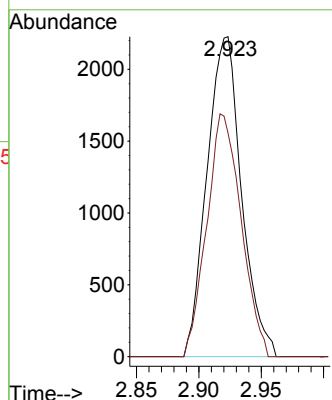
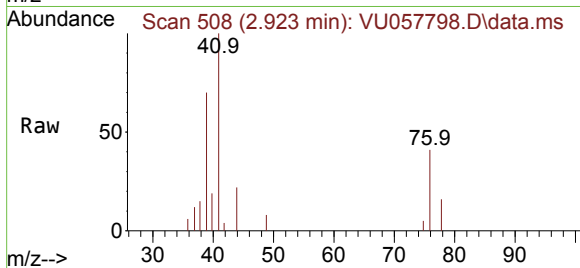
MDL-WATER-03-QT1-2024

Tgt Ion: 41 Resp: 4305

Ion Ratio Lower Upper

41 100

39 75.3 54.2 81.2



#12

Acrylonitrile

Concen: 0.496 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.038 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

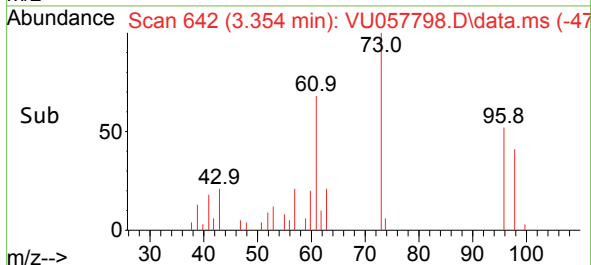
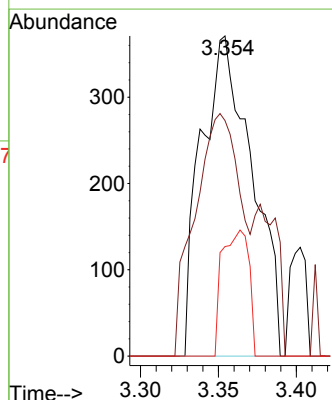
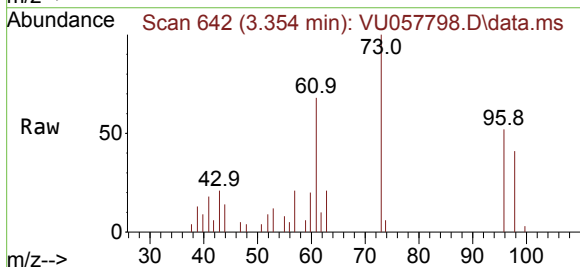
Tgt Ion: 53 Resp: 842

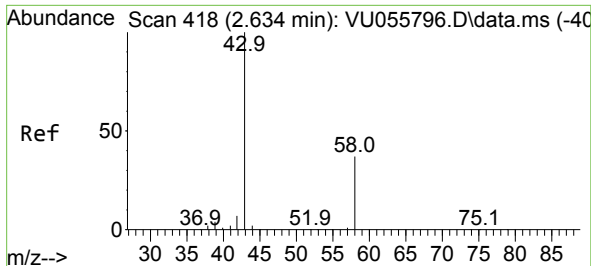
Ion Ratio Lower Upper

53 100

52 68.9 62.9 94.3

51 20.7 27.8 41.6#

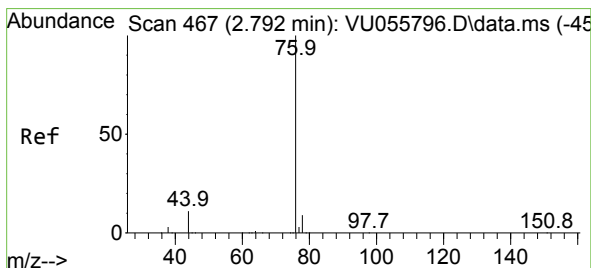
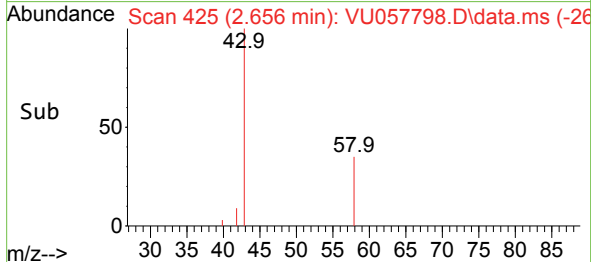
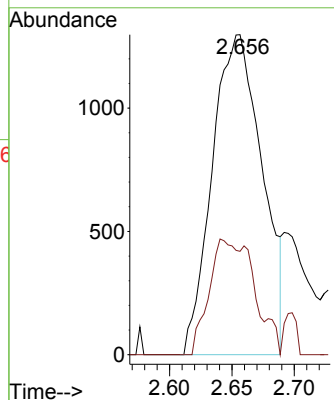
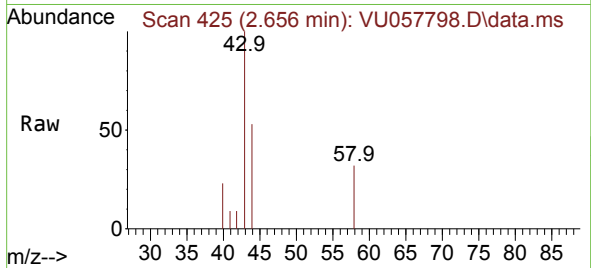




#13
Acetone
Concen: 1.176 ug/l
RT: 2.656 min Scan# 418
Delta R.T. 0.022 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

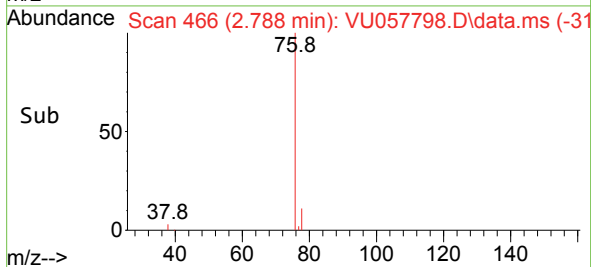
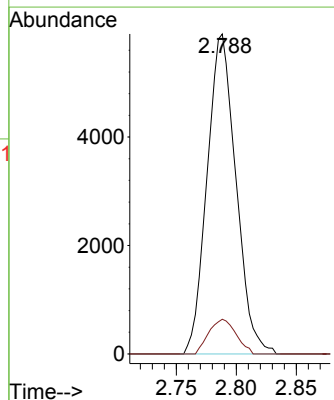
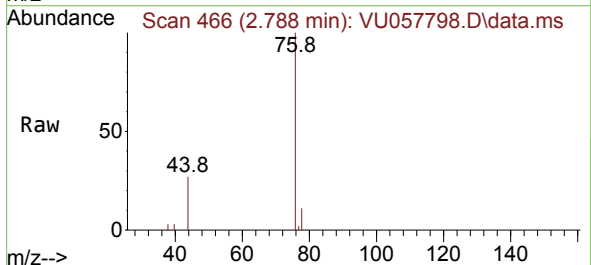
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

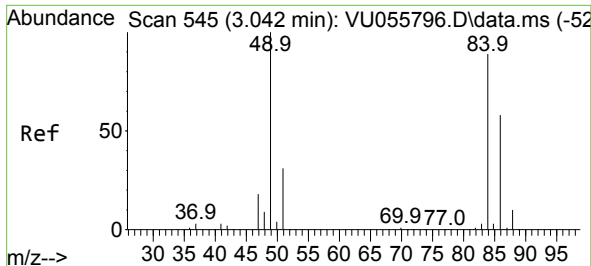
Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
58 32.3 29.0 43.4



#14
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.004 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 76 Resp: 9869
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

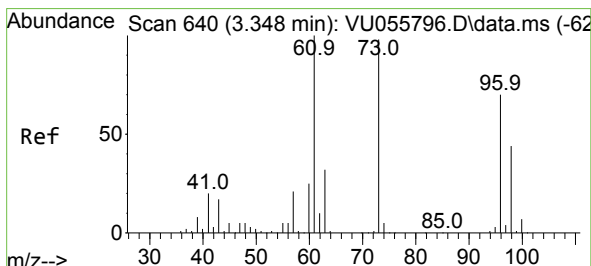
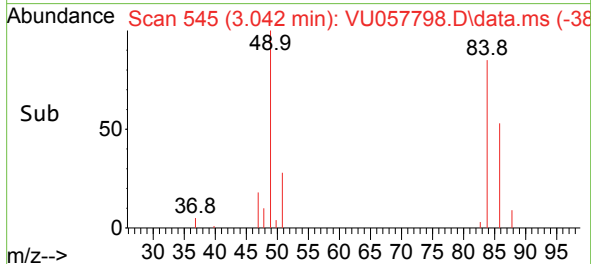
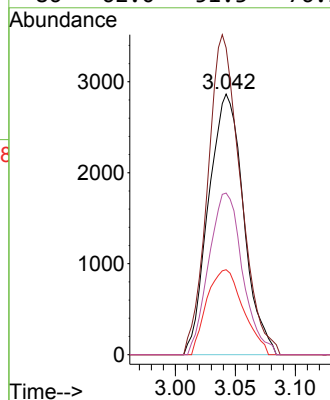
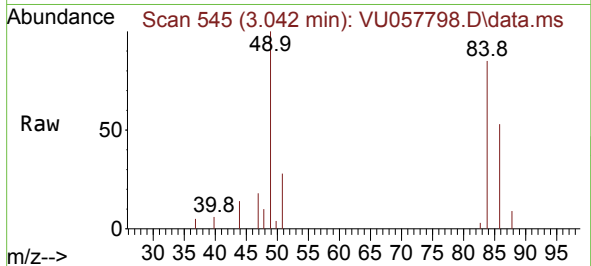




#15
Methylene Chloride
Concen: 0.489 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

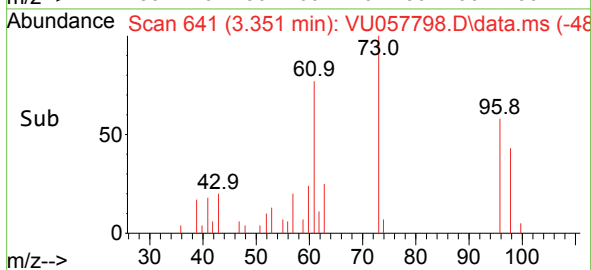
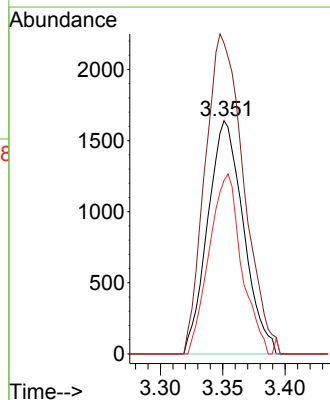
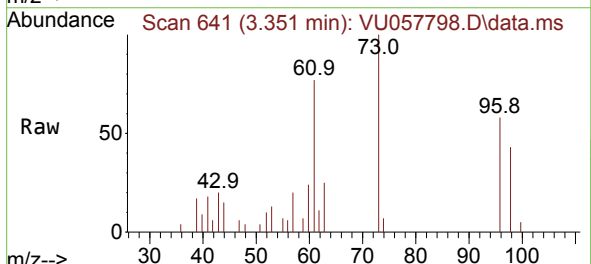
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

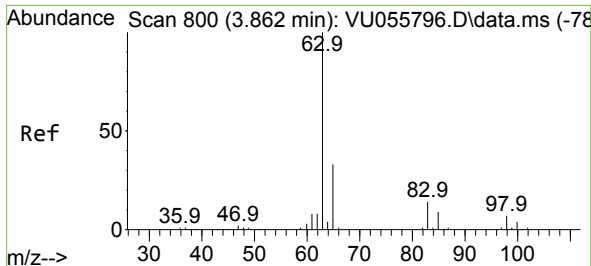
Tgt Ion:	84	Resp:	5804
Ion	Ratio	Lower	Upper
84	100		
49	117.8	98.9	148.3
51	32.6	0.0	75.4
86	62.0	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.301 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion:	96	Resp:	3268
Ion	Ratio	Lower	Upper
96	100		
61	133.2	117.5	176.3
98	74.3	48.3	72.5#

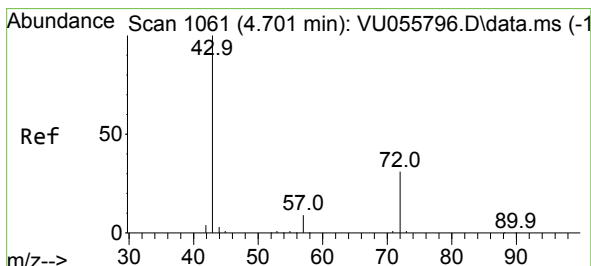
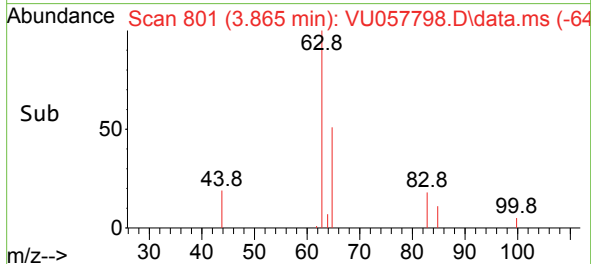
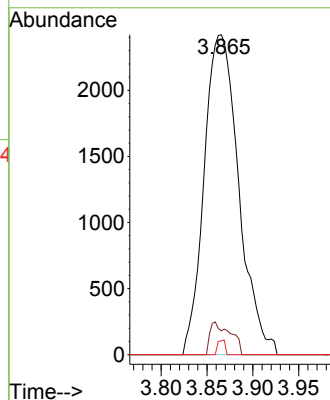
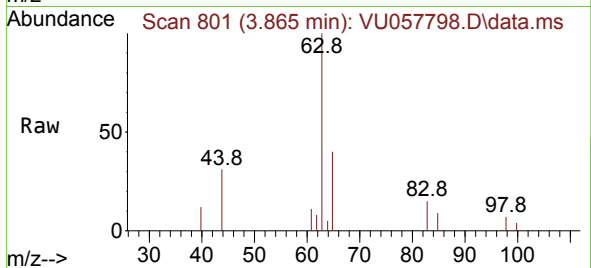




#17
1,1-Dichloroethane
Concen: 0.310 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

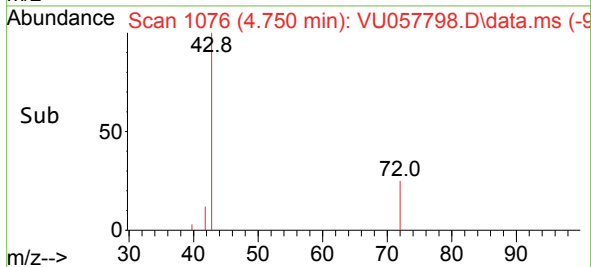
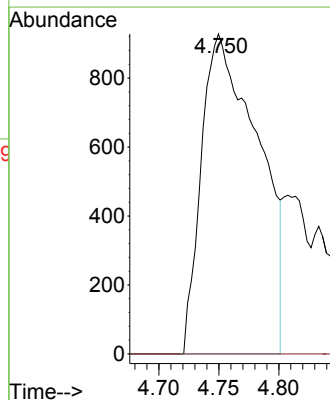
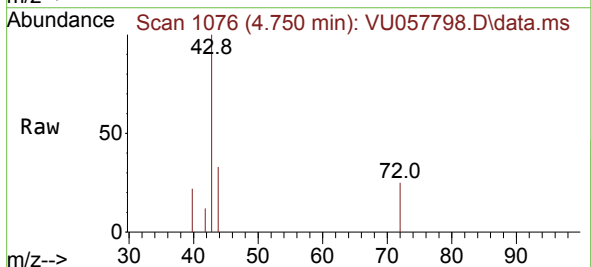
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

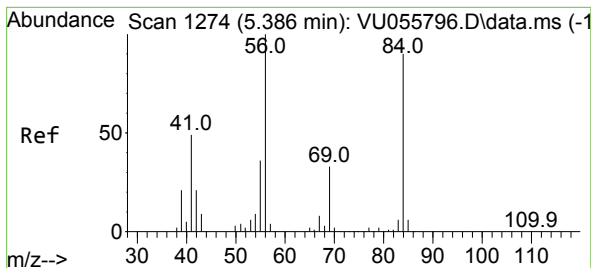
Tgt Ion: 63 Resp: 6357
Ion Ratio Lower Upper
63 100
98 7.4 3.4 10.1
100 4.3 2.2 6.6



#18
2-Butanone
Concen: 0.924 ug/l
RT: 4.750 min Scan# 1076
Delta R.T. 0.049 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.6





#19

Cyclohexane

Concen: 0.322 ug/l

RT: 5.377 min Scan# 11

Delta R.T. -0.009 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

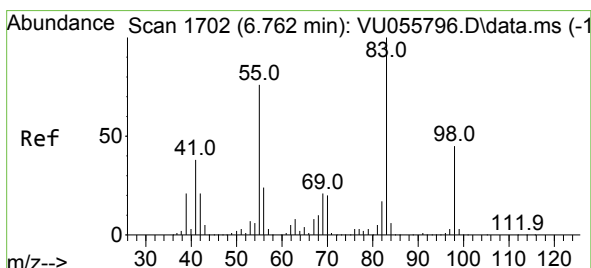
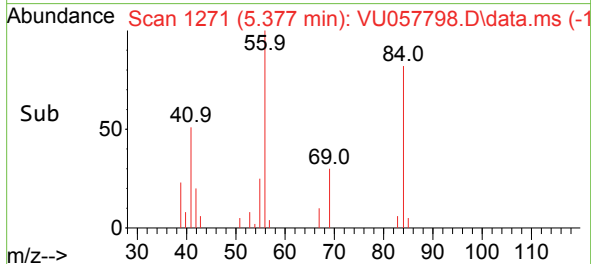
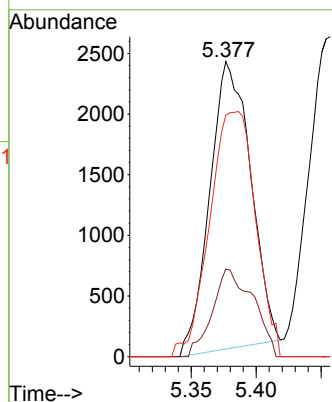
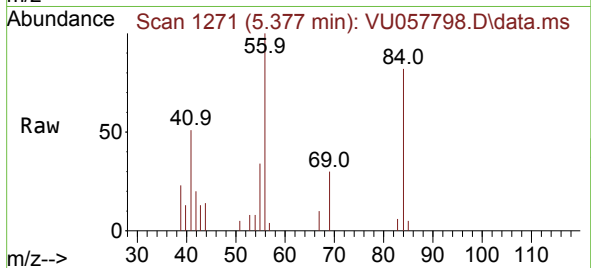
Tgt Ion: 56 Resp: 5171

Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 95.8 68.4 102.6



#20

Methylcyclohexane

Concen: 0.301 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

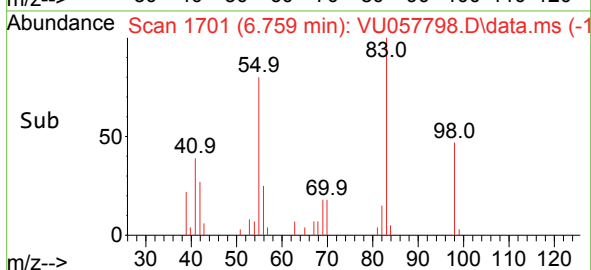
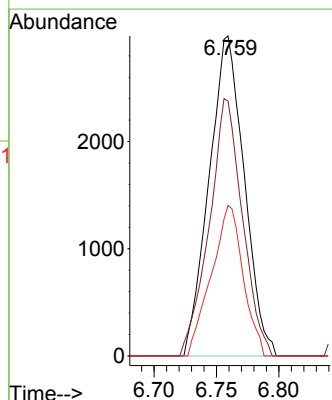
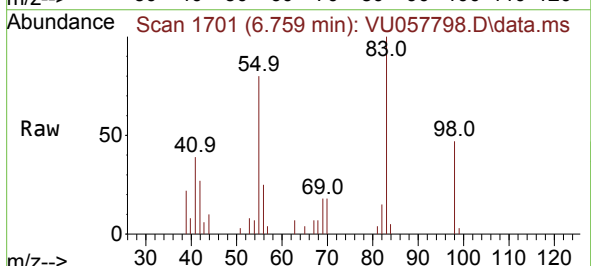
Tgt Ion: 83 Resp: 5852

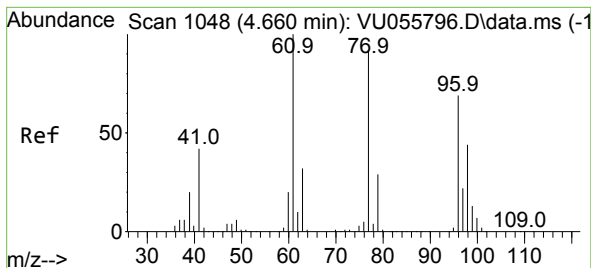
Ion Ratio Lower Upper

83 100

55 75.9 63.5 95.3

98 42.5 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.295 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

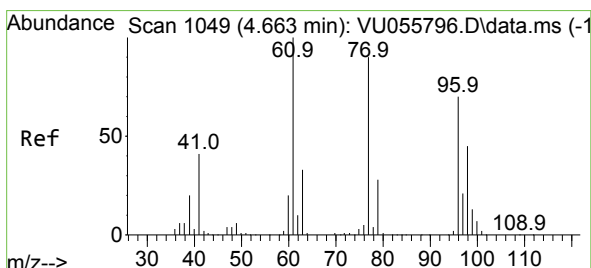
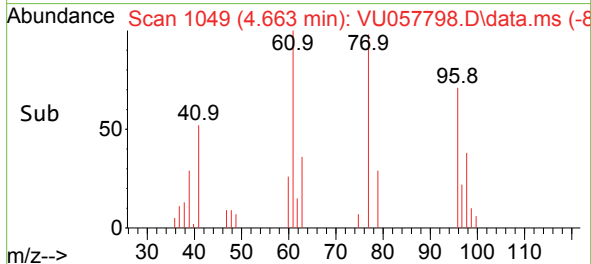
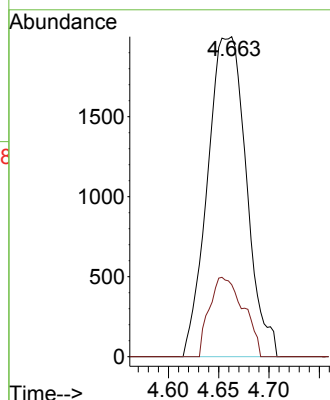
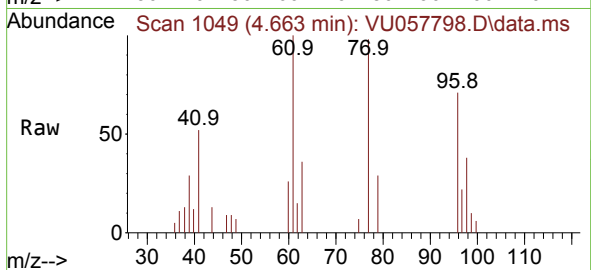
MDL-WATER-03-QT1-2024

Tgt Ion: 77 Resp: 5368

Ion Ratio Lower Upper

77 100

97 21.7 18.4 27.6



#22

cis-1,2-Dichloroethene

Concen: 0.320 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

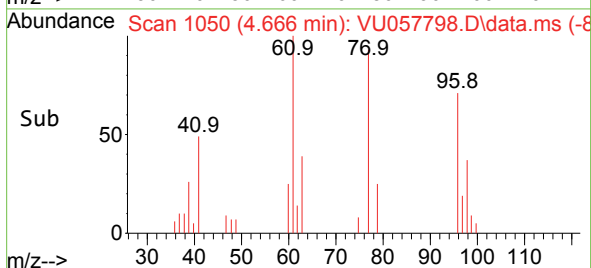
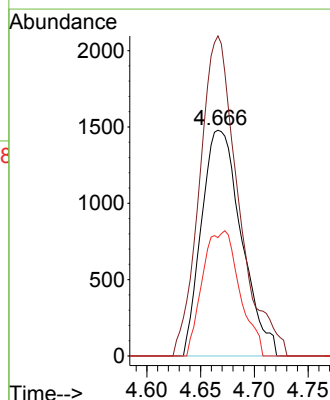
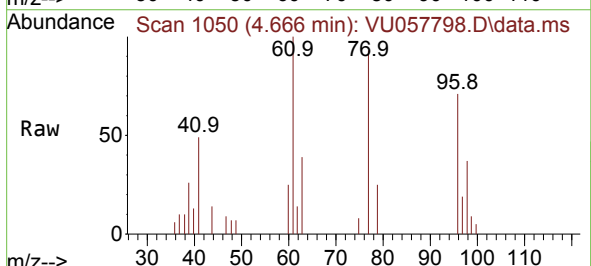
Tgt Ion: 96 Resp: 3812

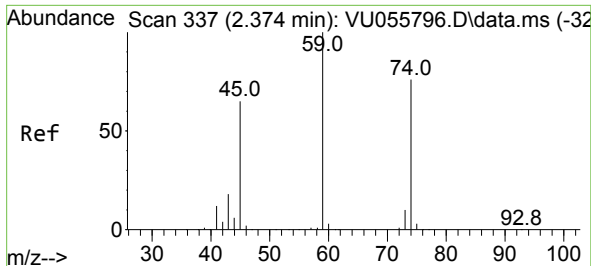
Ion Ratio Lower Upper

96 100

61 137.5 0.0 365.8

98 51.4 32.0 96.0

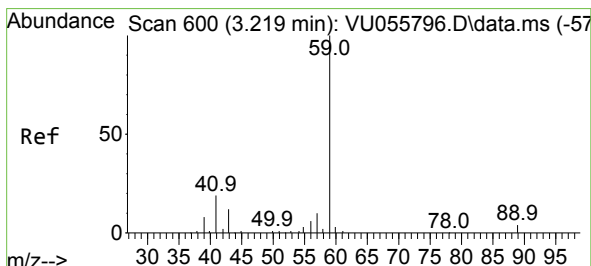
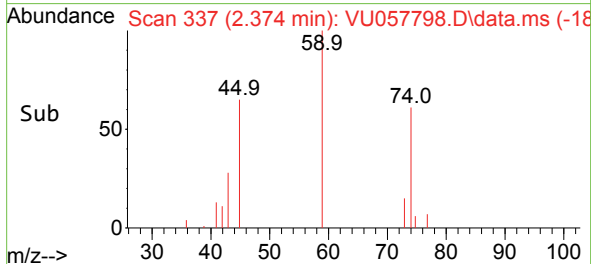
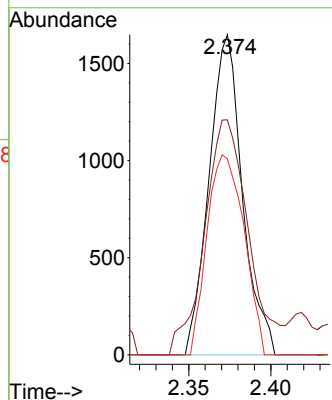
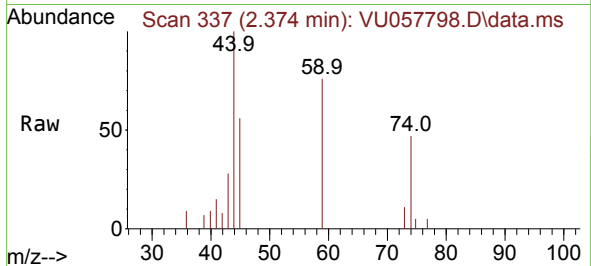




#23
Diethyl Ether
Concen: 0.324 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

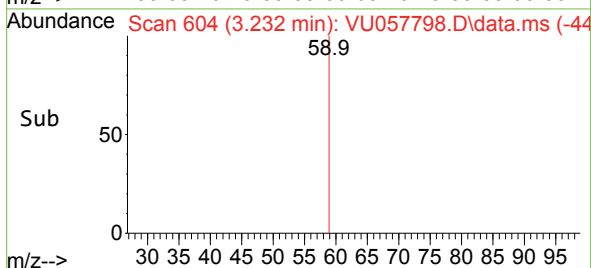
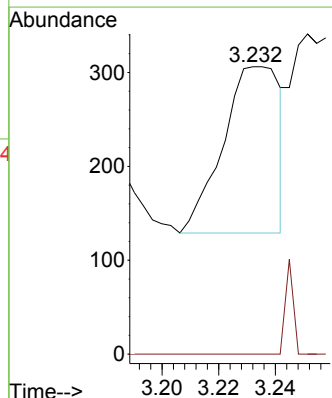
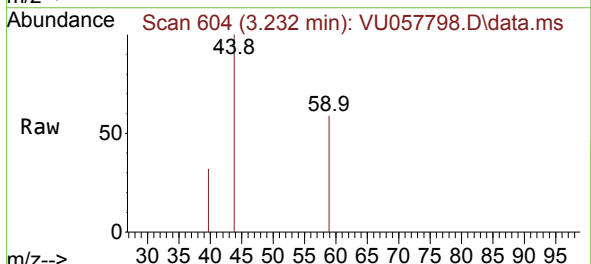
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

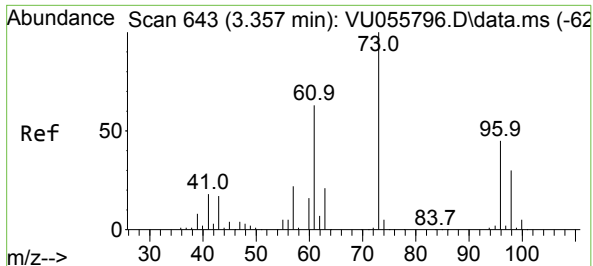
Tgt Ion: 59 Resp: 2327
Ion Ratio Lower Upper
59 100
45 97.0 56.1 84.1#
74 69.1 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 0.301 ug/l
RT: 3.232 min Scan# 604
Delta R.T. 0.013 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#

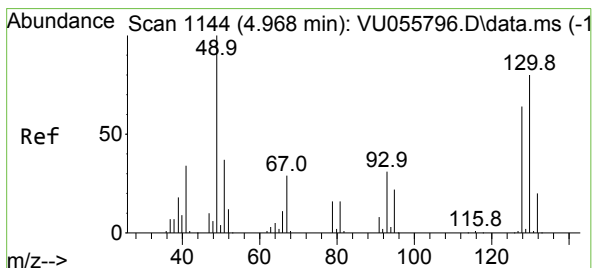
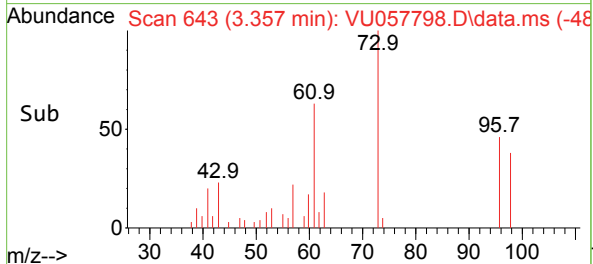
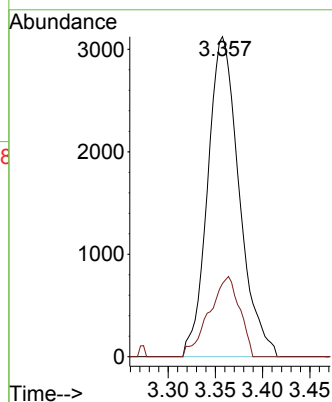
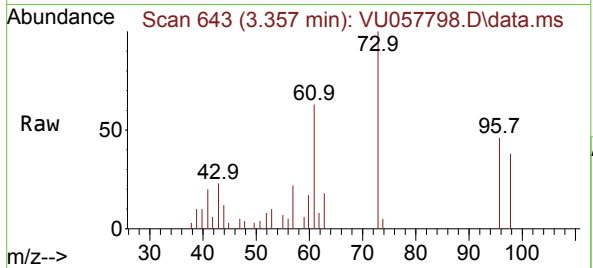




#25
Methyl tert-Butyl Ether
Concen: 0.310 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

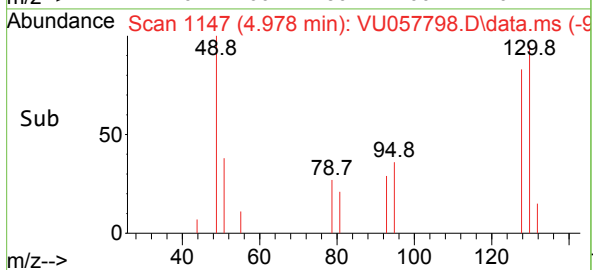
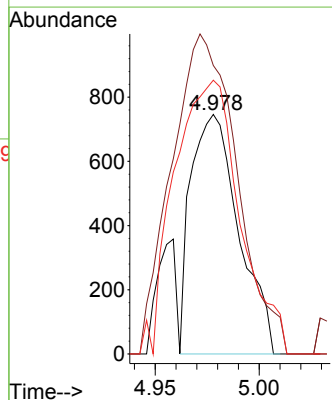
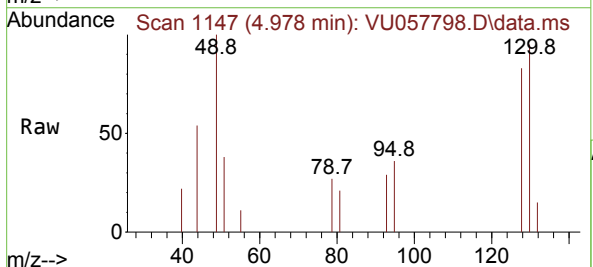
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

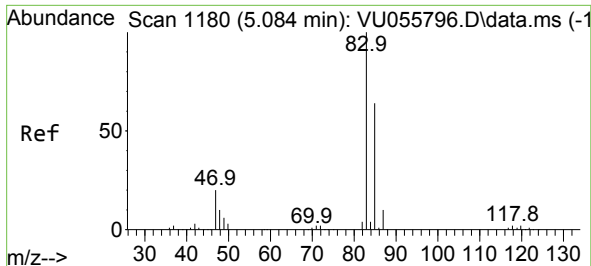
Tgt Ion: 73 Resp: 7228
Ion Ratio Lower Upper
73 100
43 24.2 15.0 22.6#



#26
Bromochloromethane
Concen: 0.251 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.010 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 128 Resp: 1198
Ion Ratio Lower Upper
128 100
49 182.3 0.0 324.6
130 156.8 103.0 154.4#





#27

Chloroform

Concen: 0.322 ug/l

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

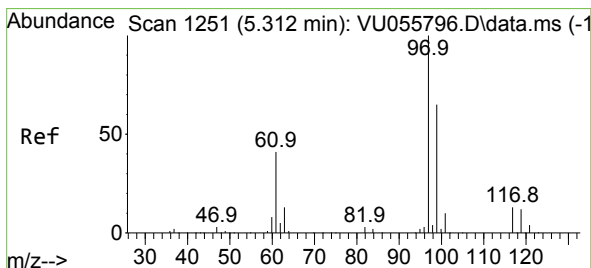
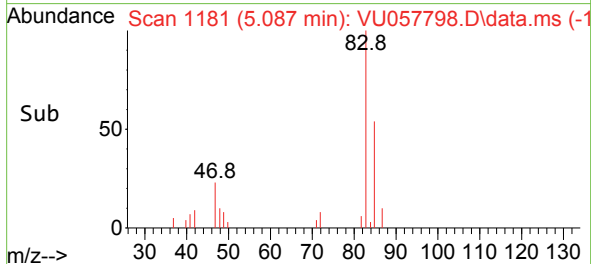
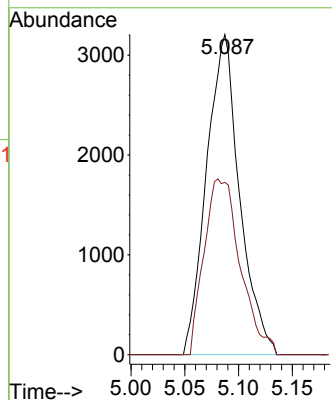
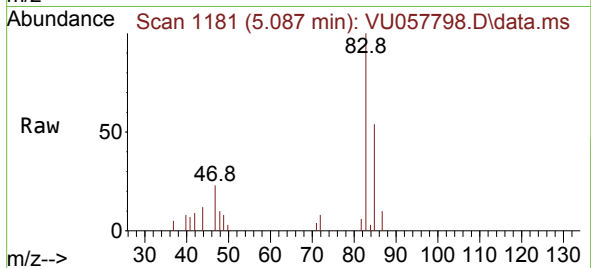
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 6862

Ion Ratio Lower Upper

83 100

85 53.9 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.301 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

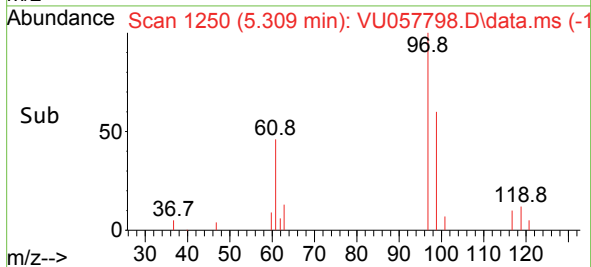
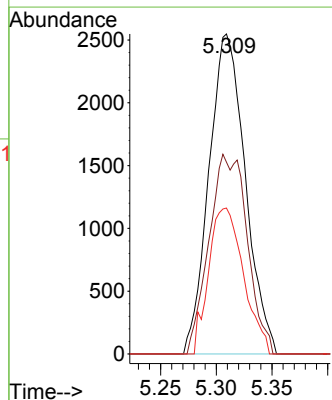
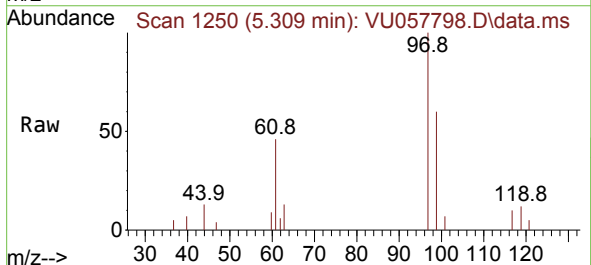
Tgt Ion: 97 Resp: 5787

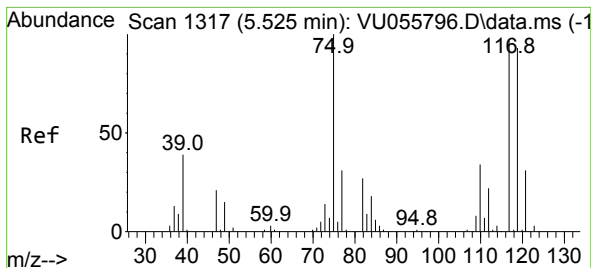
Ion Ratio Lower Upper

97 100

99 37.4 32.0 96.2

61 43.7 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.315 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

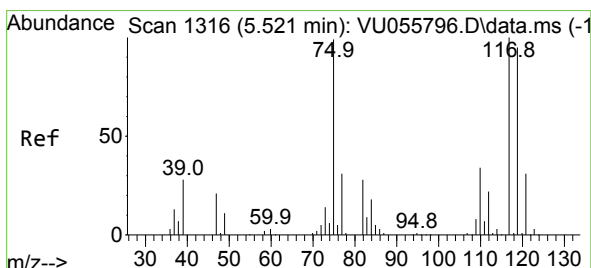
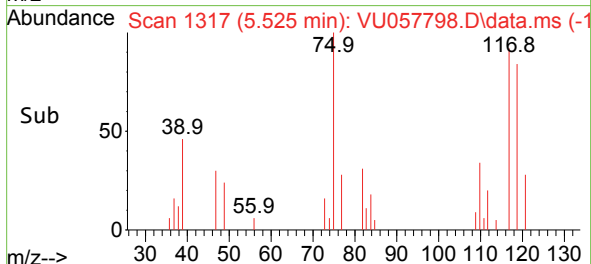
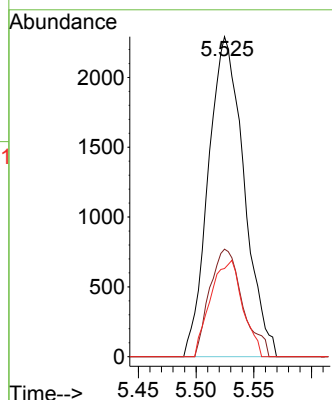
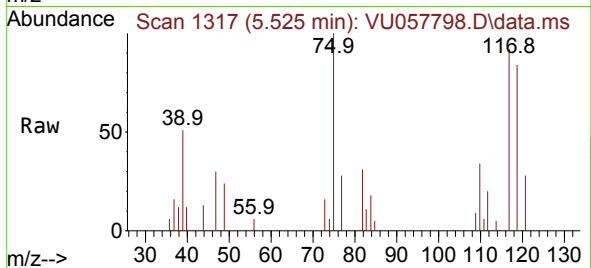
Tgt Ion: 75 Resp: 4912

Ion Ratio Lower Upper

75 100

110 31.0 18.0 54.0

77 27.0 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.287 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

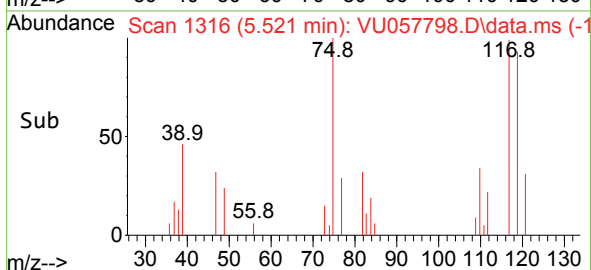
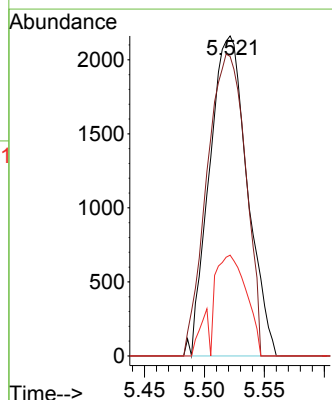
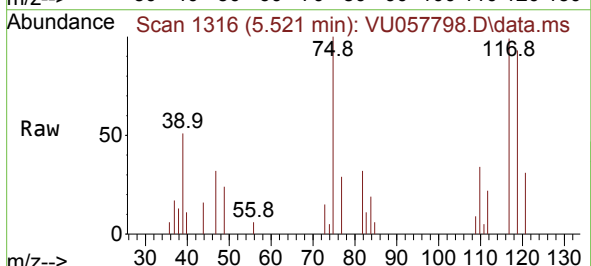
Tgt Ion: 117 Resp: 4752

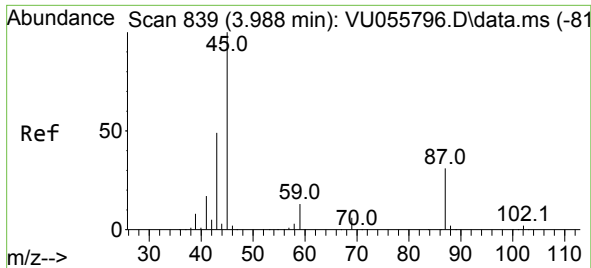
Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.0

121 31.5 24.0 36.0

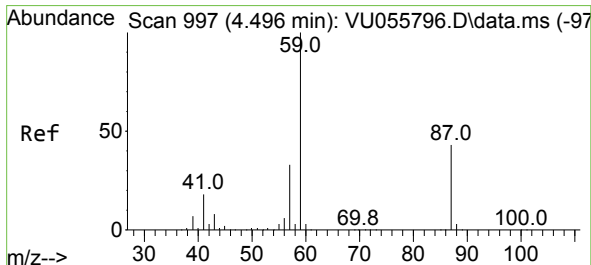
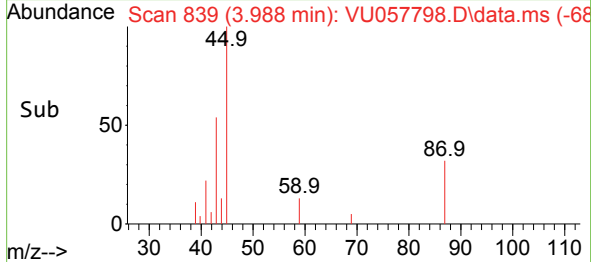
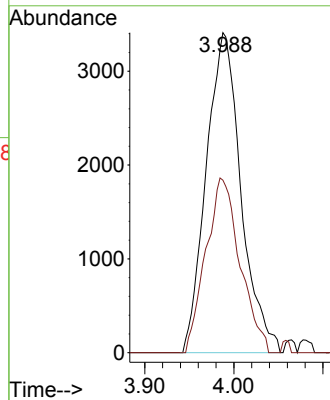
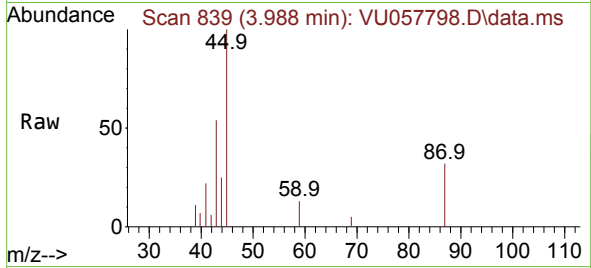




#31
Isopropyl Ether
Concen: 0.308 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

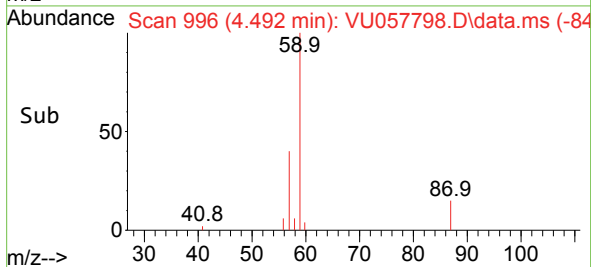
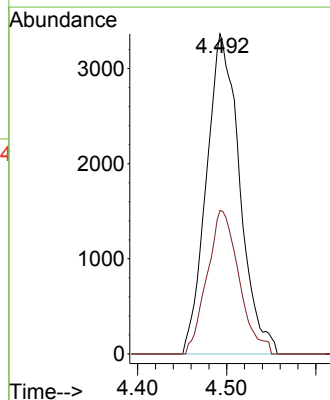
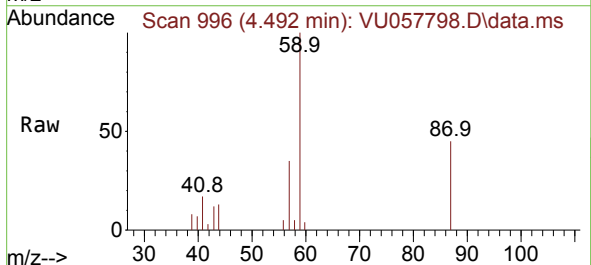
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

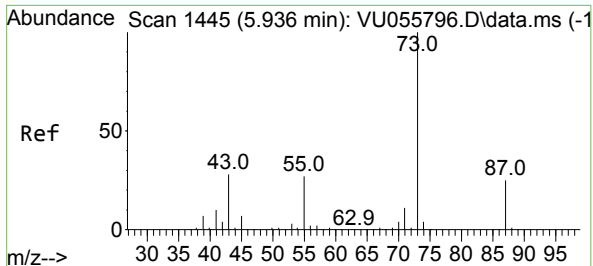
Tgt Ion: 45 Resp: 9255
Ion Ratio Lower Upper
45 100
43 53.7 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.313 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 59 Resp: 8705
Ion Ratio Lower Upper
59 100
87 43.2 33.5 50.3

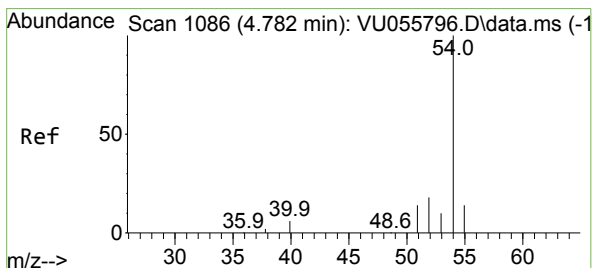
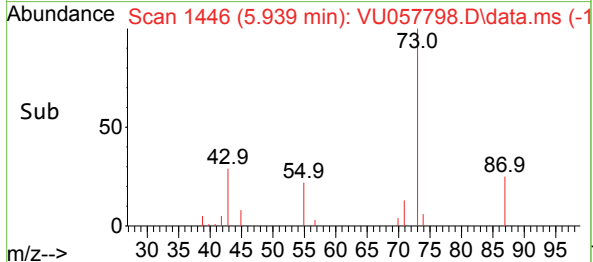
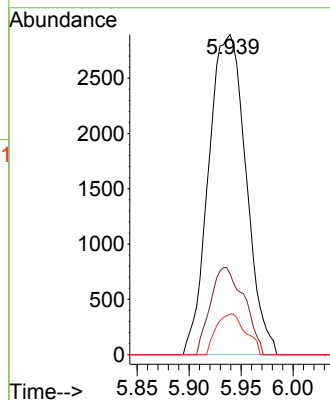
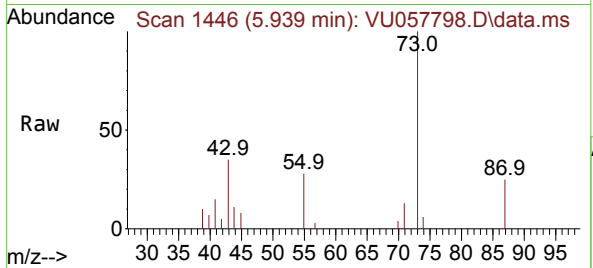




#33
Tert-Amyl methyl ether
Concen: 0.309 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

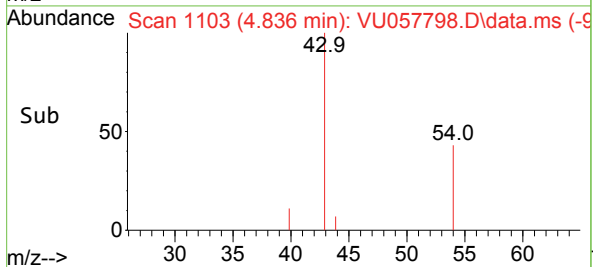
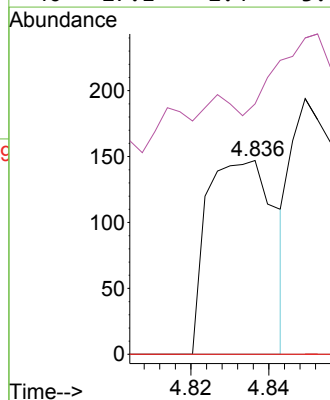
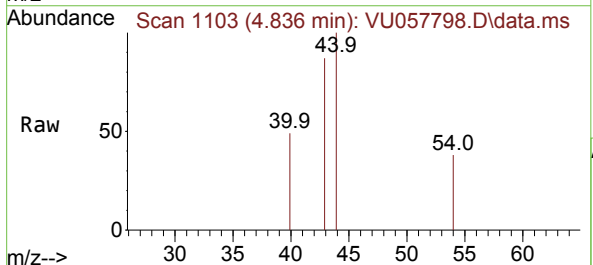
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

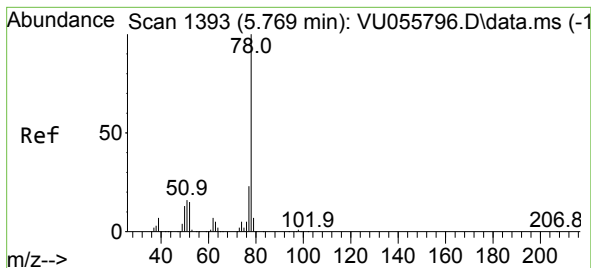
Tgt Ion: 73	Resp: 7237
Ion Ratio	Lower Upper
73 100	
87 24.6	18.6 28.0
71 10.0	9.9 14.9



#34
Propionitrile
Concen: 0.258 ug/l
RT: 4.836 min Scan# 1103
Delta R.T. 0.054 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 54	Resp: 177
Ion Ratio	Lower Upper
54 100	
52 0.0	17.4 26.0#
55 0.0	104.1 156.1#
40 27.1	2.4 3.6#





#35

Benzene

Concen: 0.295 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

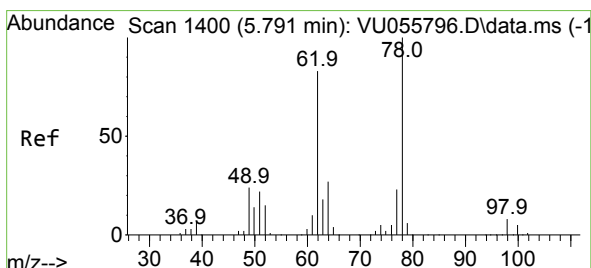
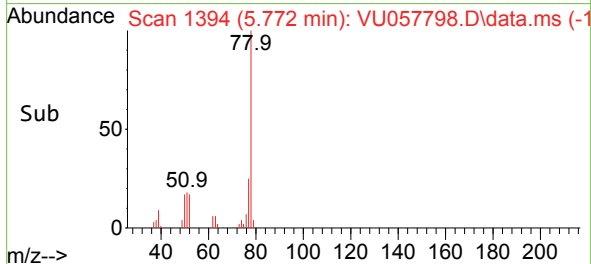
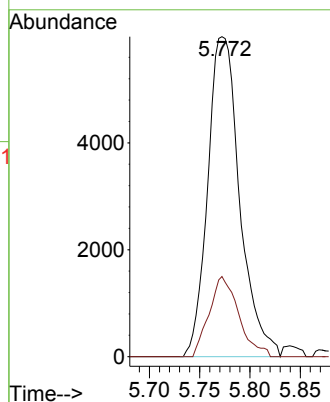
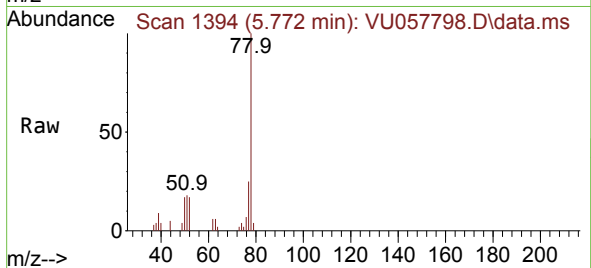
MDL-WATER-03-QT1-2024

Tgt Ion: 78 Resp: 13238

Ion Ratio Lower Upper

78 100

77 25.1 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.312 ug/l

RT: 5.801 min Scan# 1403

Delta R.T. 0.010 min

Lab File: VU057798.D

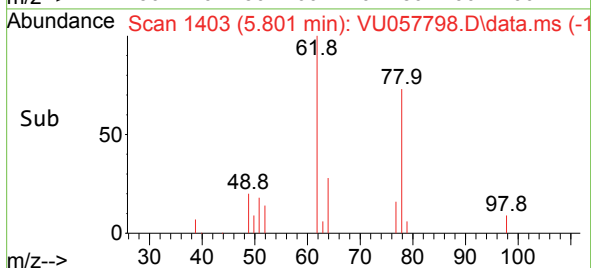
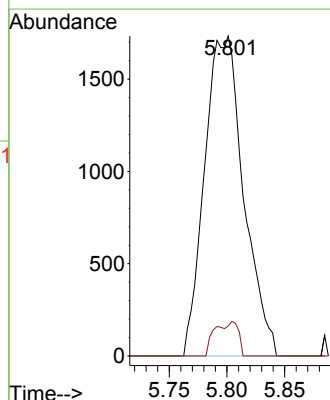
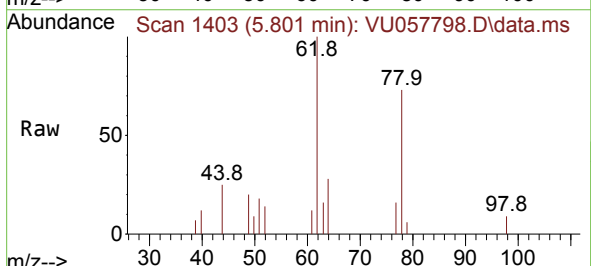
Acq: 02 Feb 2024 17:41

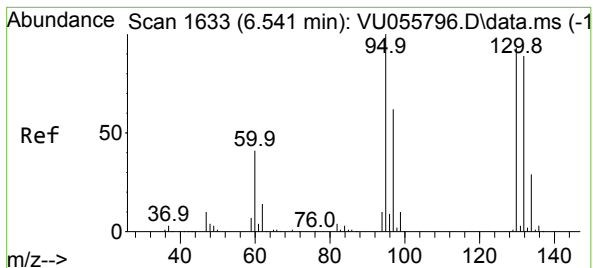
Tgt Ion: 62 Resp: 4079

Ion Ratio Lower Upper

62 100

98 6.4 7.3 10.9#





#37

Trichloroethene

Concen: 0.337 ug/l

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

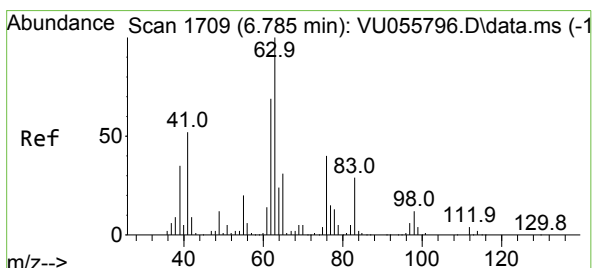
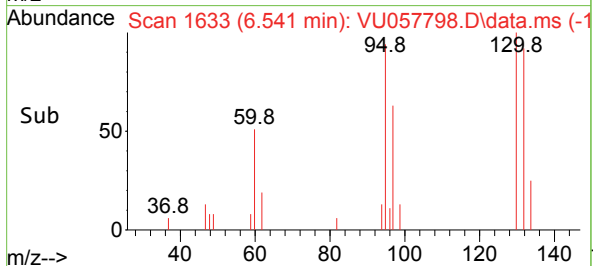
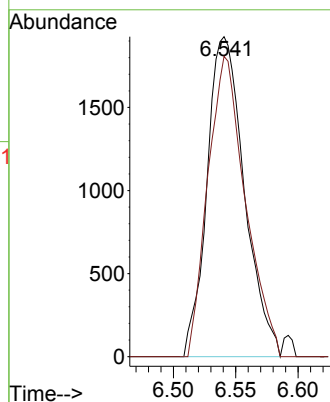
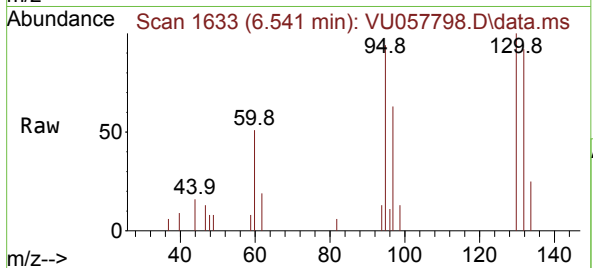
MDL-WATER-03-QT1-2024

Tgt Ion:130 Resp: 4012

Ion Ratio Lower Upper

130 100

95 93.9 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.317 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU057798.D

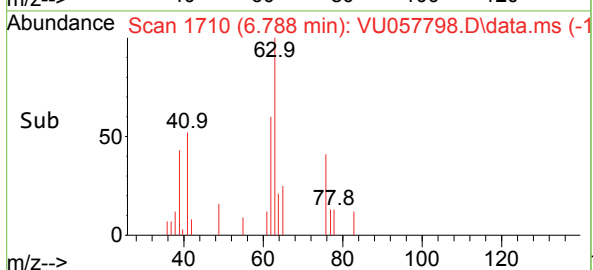
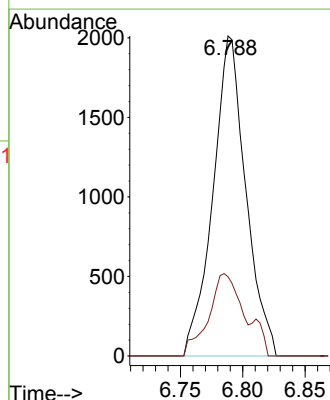
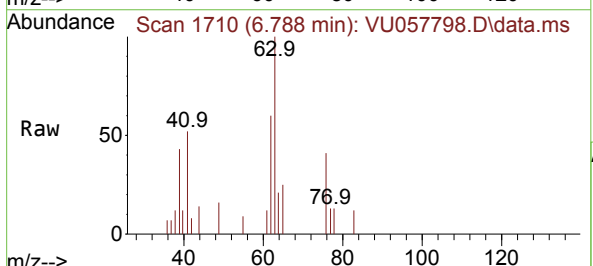
Acq: 02 Feb 2024 17:41

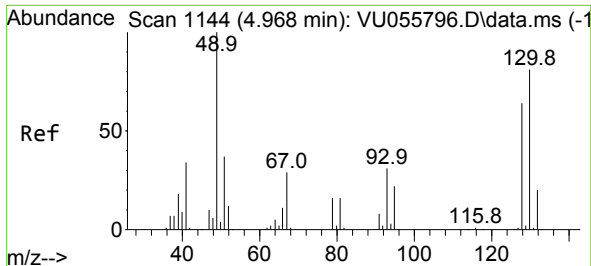
Tgt Ion: 63 Resp: 3689

Ion Ratio Lower Upper

63 100

65 24.8 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.246 ug/l

RT: 5.007 min Scan# 1156

Delta R.T. 0.039 min

Lab File: VU057798.D

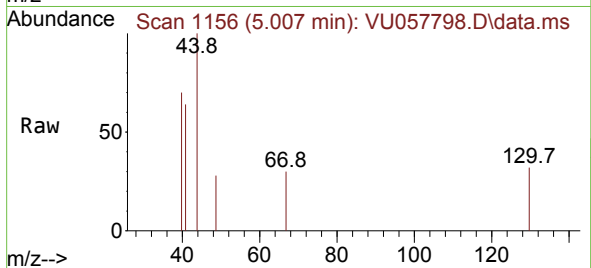
Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 41 Resp: 672

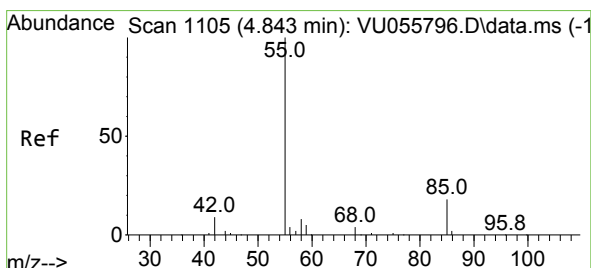
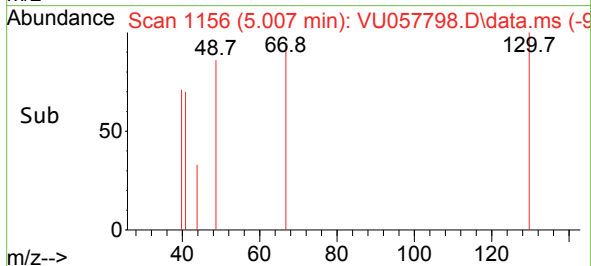
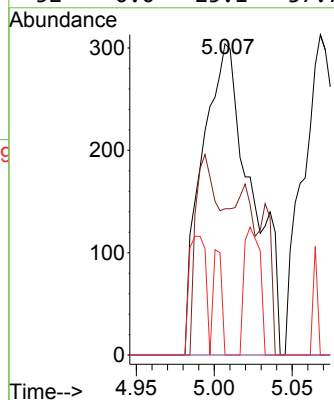
Ion Ratio Lower Upper

41 100

67 0.0 66.8 100.2#

39 12.9 41.2 61.8#

52 0.0 25.1 37.7#



#40

Methyl acrylate

Concen: 0.206 ug/l

RT: 4.901 min Scan# 1123

Delta R.T. 0.058 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Tgt Ion: 55 Resp: 848

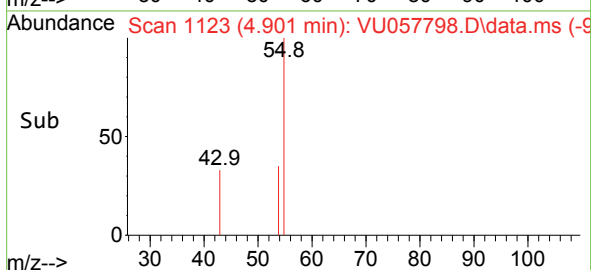
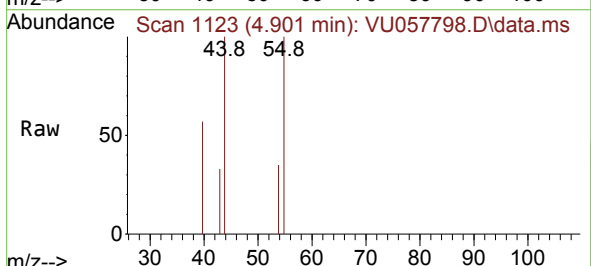
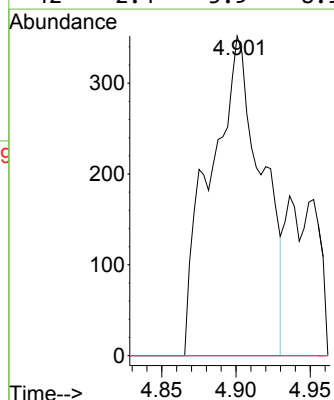
Ion Ratio Lower Upper

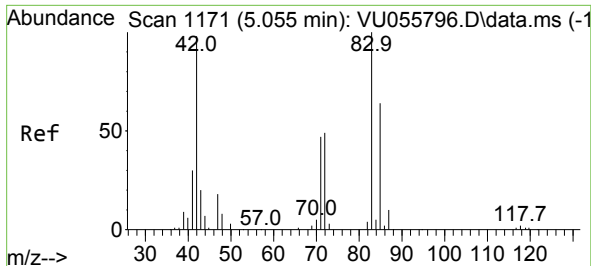
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 2.4 5.9 8.9#





#41

Tetrahydrofuran

Concen: 0.196 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.013 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

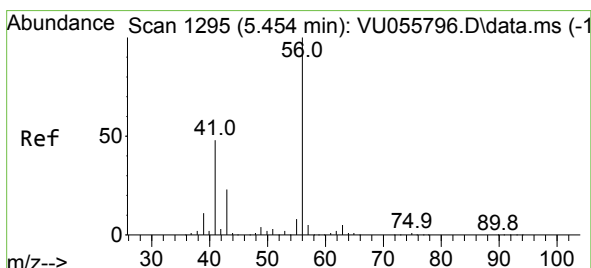
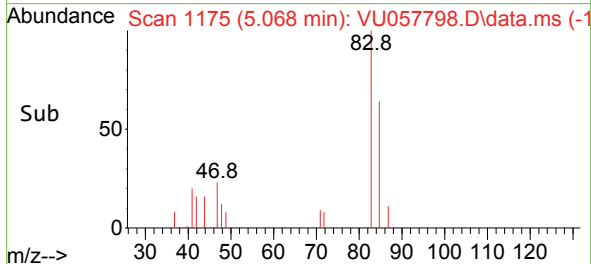
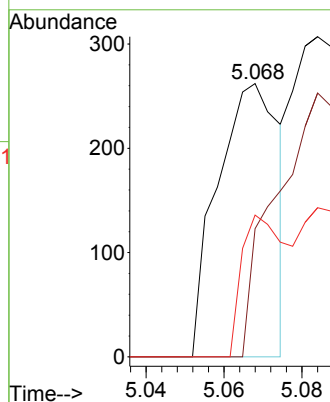
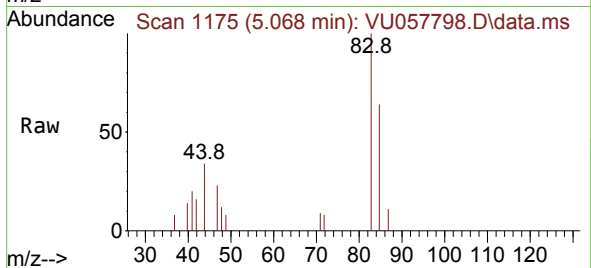
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:	42	Resp:	286
Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.9	61.3#
71	39.5	36.9	55.3



#42

1-Chlorobutane

Concen: 0.292 ug/l

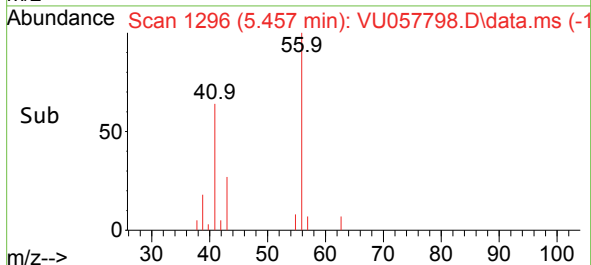
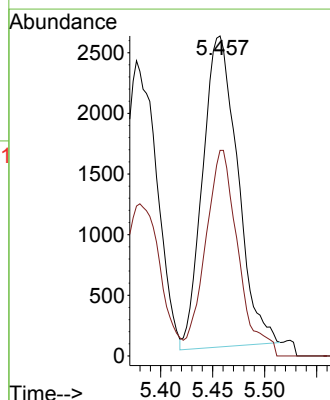
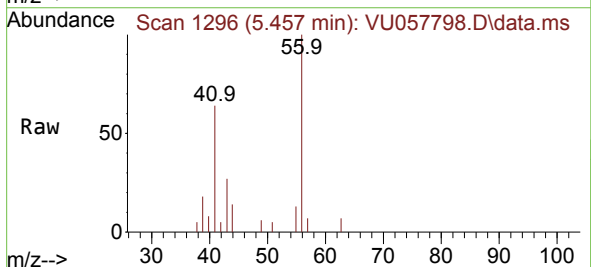
RT: 5.457 min Scan# 1296

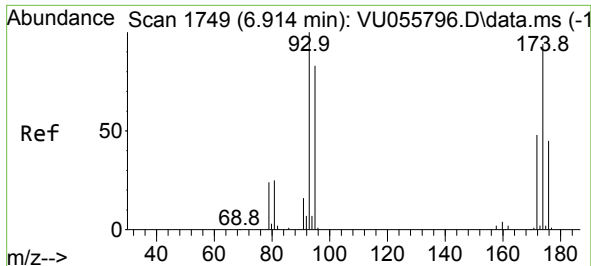
Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Tgt Ion:	56	Resp:	5986
Ion	Ratio	Lower	Upper
56	100		
41	61.8	25.2	75.6





#43

Dibromomethane

Concen: 0.303 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

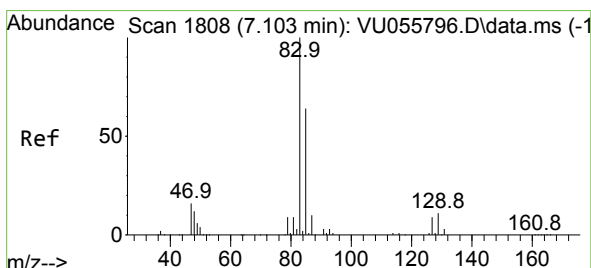
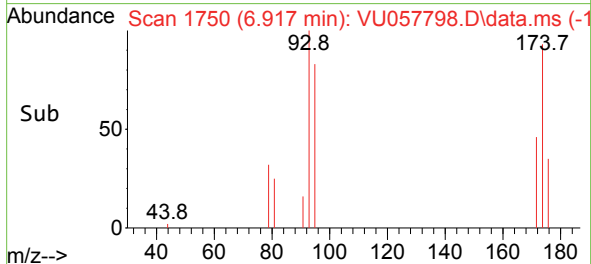
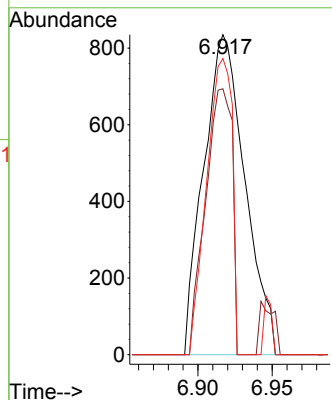
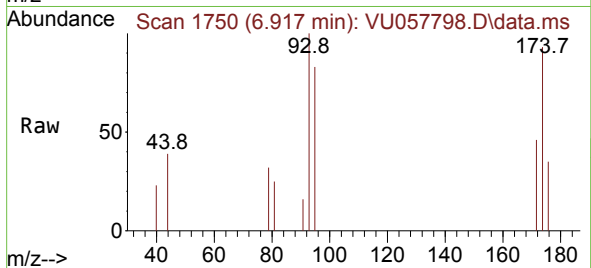
Tgt Ion: 93 Resp: 1618

Ion Ratio Lower Upper

93 100

95 53.6 67.0 100.6#

174 57.0 73.8 110.6#



#44

Bromodichloromethane

Concen: 0.293 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

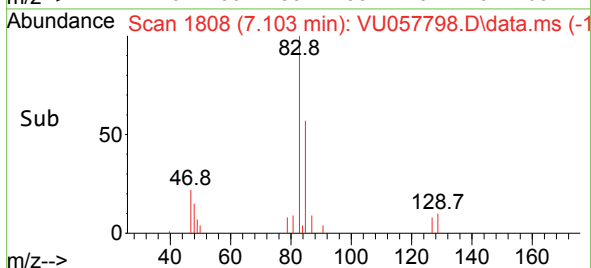
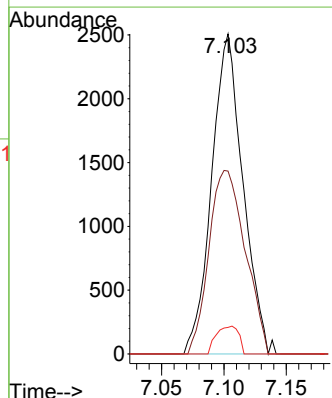
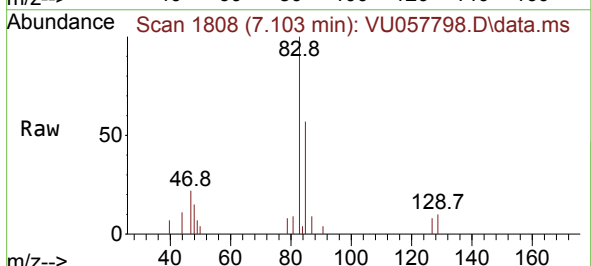
Tgt Ion: 83 Resp: 4387

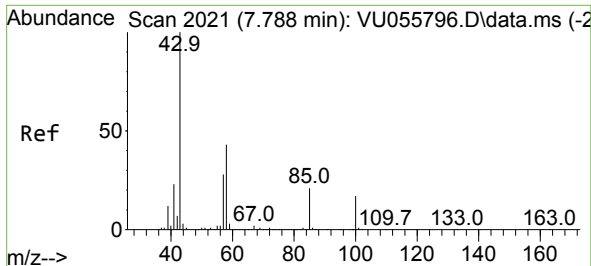
Ion Ratio Lower Upper

83 100

85 57.1 51.9 77.9

127 8.3 6.7 10.1

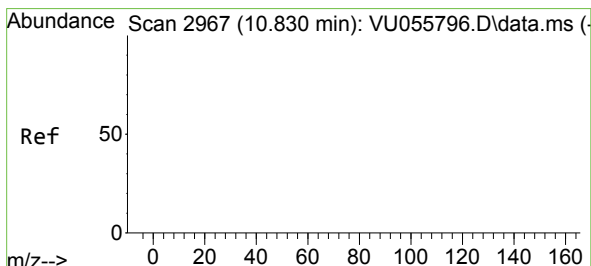
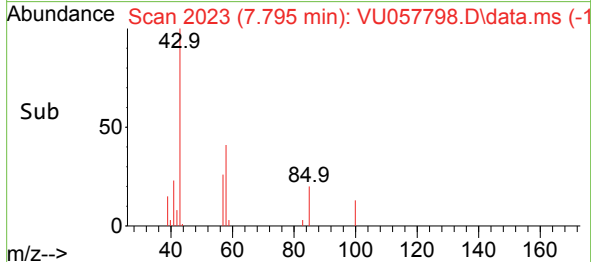
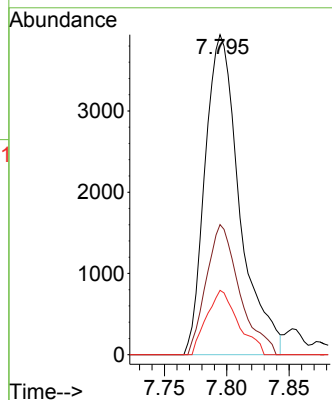
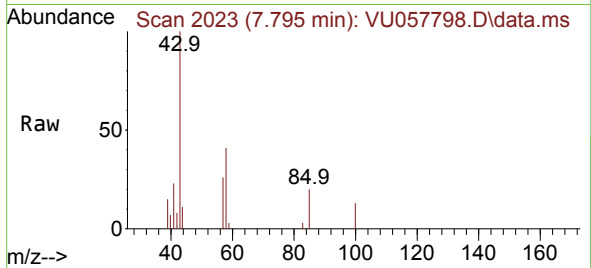




#45
4-Methyl-2-Pentanone
Concen: 1.334 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

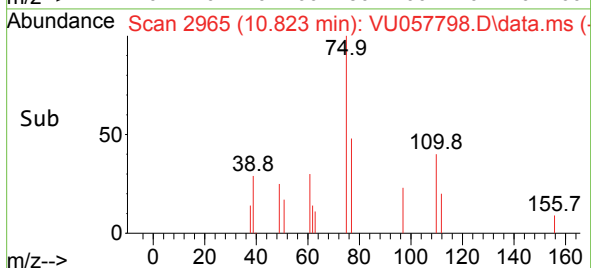
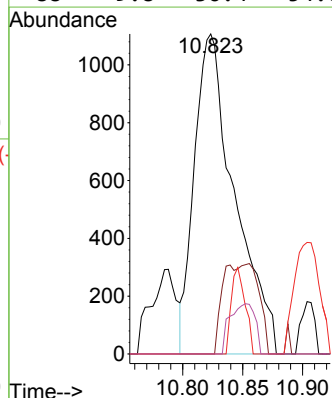
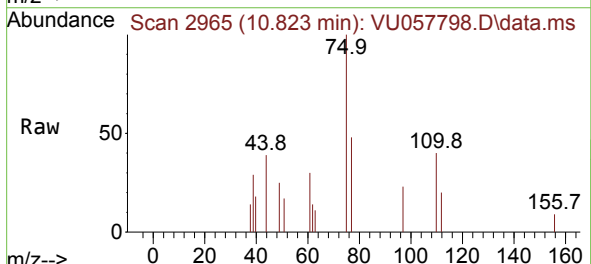
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

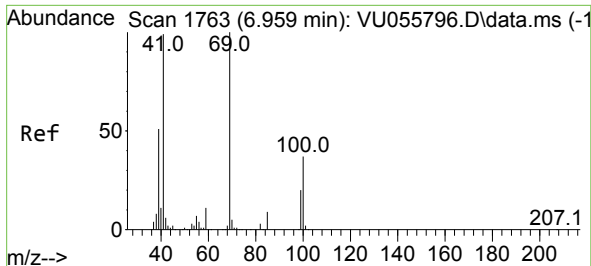
Tgt Ion:	43	Resp:	7599
Ion	Ratio	Lower	Upper
43	100		
58	39.1	20.9	62.8
85	18.4	14.6	21.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.994 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.007 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

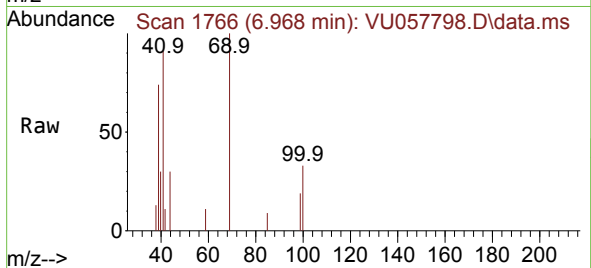
Tgt Ion:	75	Resp:	2581
Ion	Ratio	Lower	Upper
75	100		
53	9.5	73.3	109.9#
89	9.3	48.2	72.4#
88	9.8	36.4	54.6#



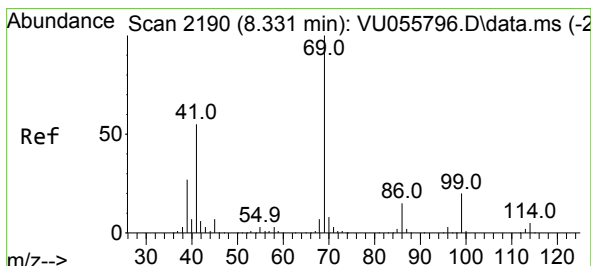
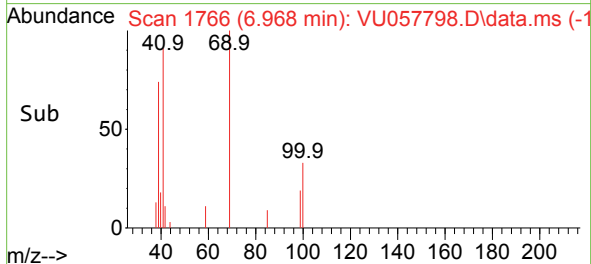
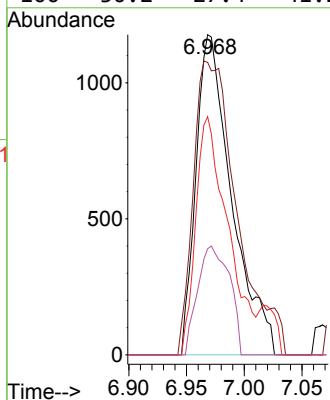


#47
Methyl methacrylate
Concen: 0.536 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.009 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

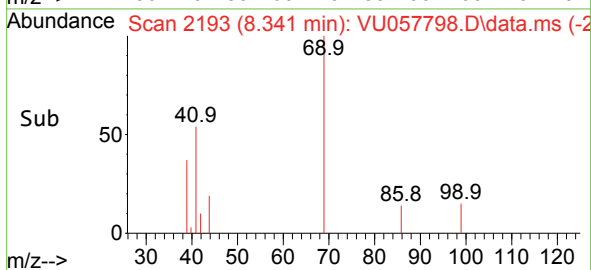
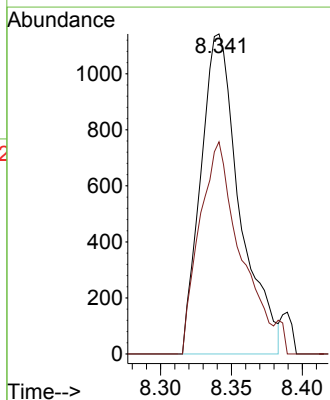
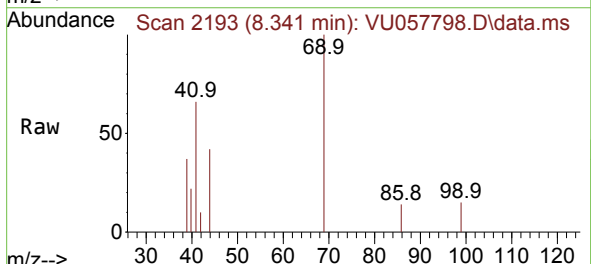


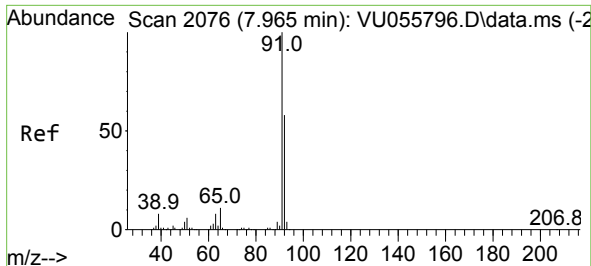
Tgt Ion: 69 Resp: 2531
Ion Ratio Lower Upper
69 100
41 112.1 0.0 209.2
39 67.3 46.7 70.1
100 30.2 27.4 41.2



#48
Ethyl methacrylate
Concen: 0.231 ug/l
RT: 8.341 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 69 Resp: 2184
Ion Ratio Lower Upper
69 100
41 71.2 30.3 90.8





#49

Toluene

Concen: 0.298 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

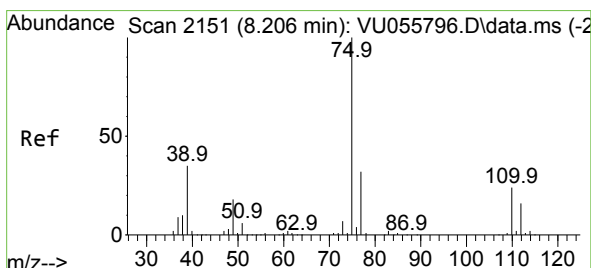
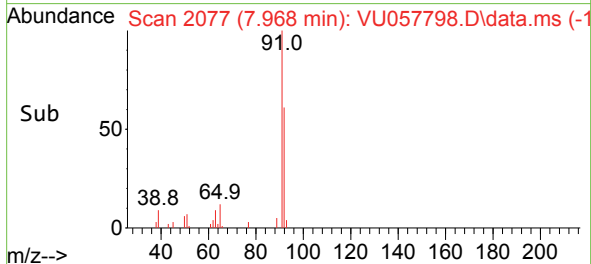
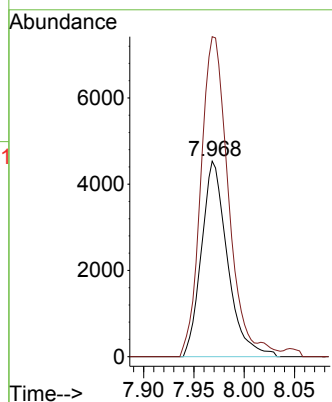
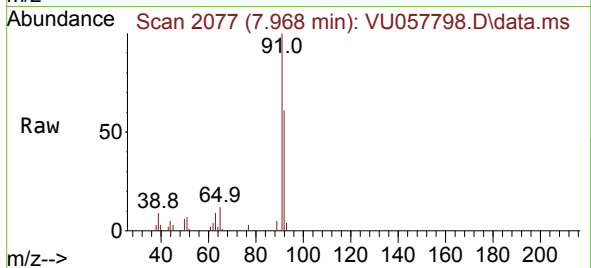
MDL-WATER-03-QT1-2024

Tgt Ion: 92 Resp: 8150

Ion Ratio Lower Upper

92 100

91 174.4 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.256 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU057798.D

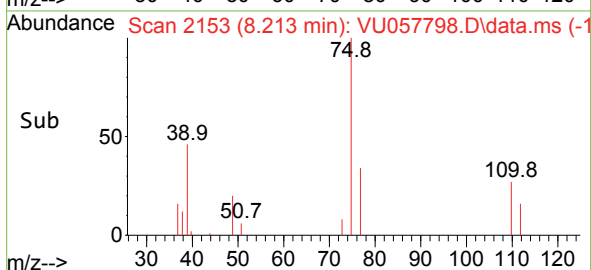
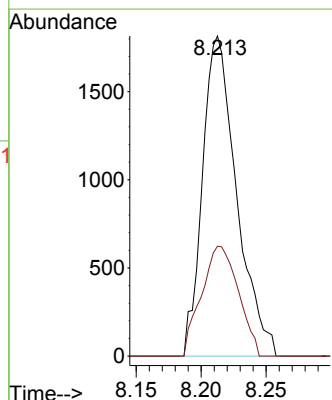
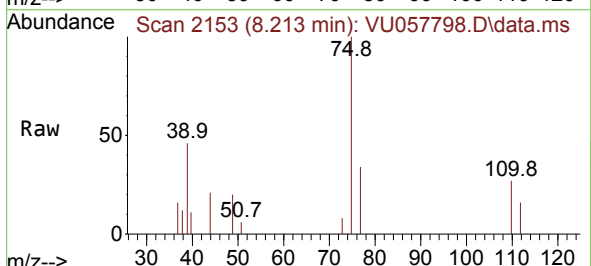
Acq: 02 Feb 2024 17:41

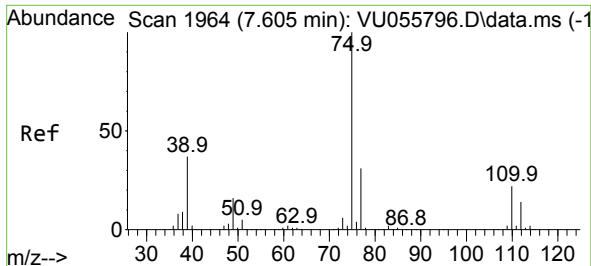
Tgt Ion: 75 Resp: 3311

Ion Ratio Lower Upper

75 100

77 34.3 25.3 37.9





#51

cis-1,3-Dichloropropene

Concen: 0.292 ug/l

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

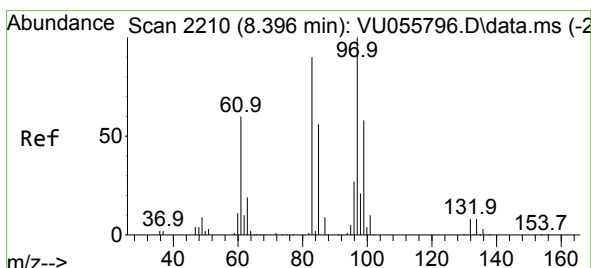
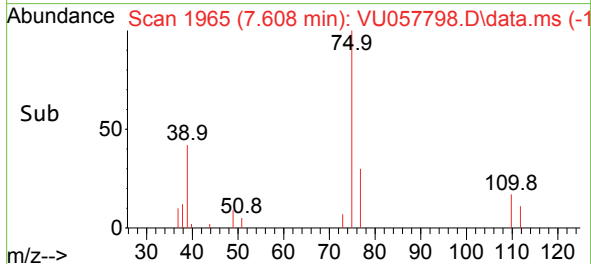
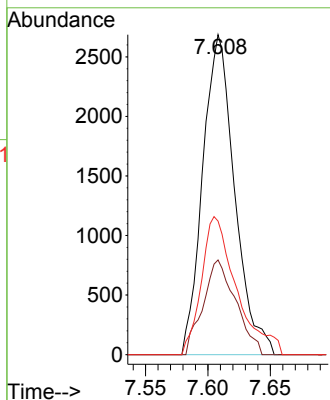
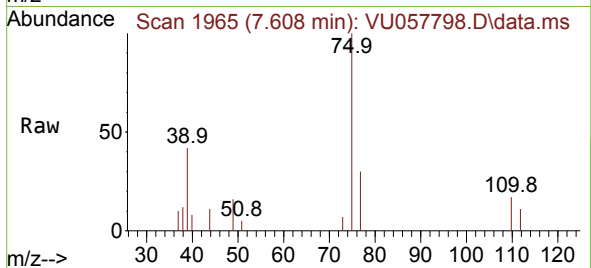
Tgt Ion: 75 Resp: 4785

Ion Ratio Lower Upper

75 100

77 29.6 25.7 38.5

39 41.7 32.8 49.2



#52

1,1,2-Trichloroethane

Concen: 0.316 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Tgt Ion: 97 Resp: 2328

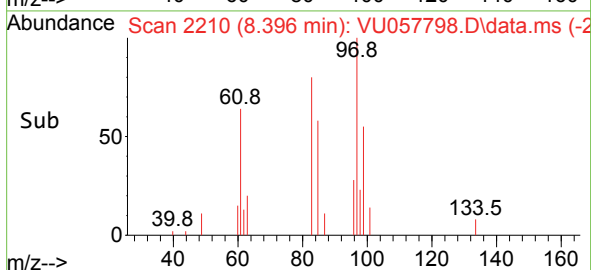
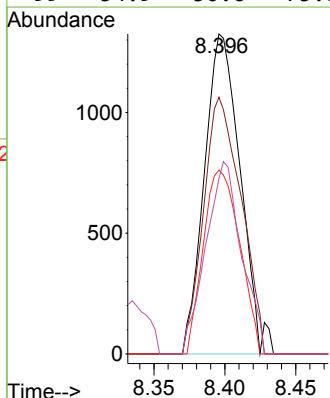
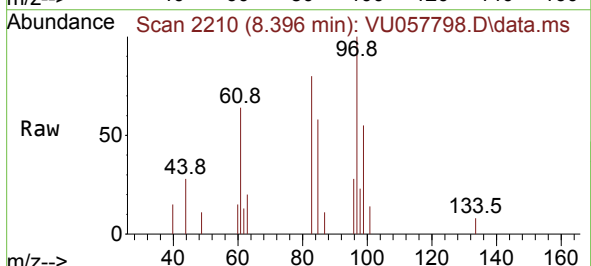
Ion Ratio Lower Upper

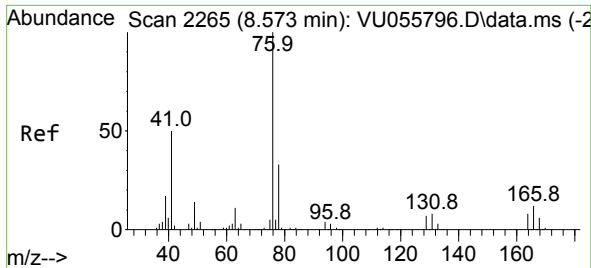
97 100

83 80.2 71.8 107.8

85 57.5 45.2 67.8

99 54.9 50.6 75.8

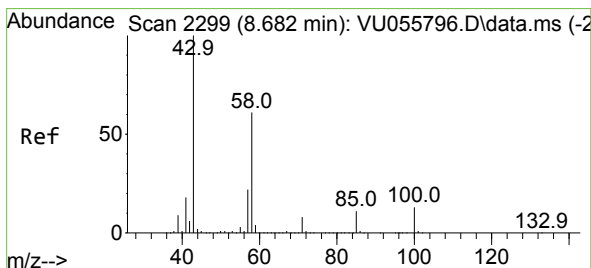
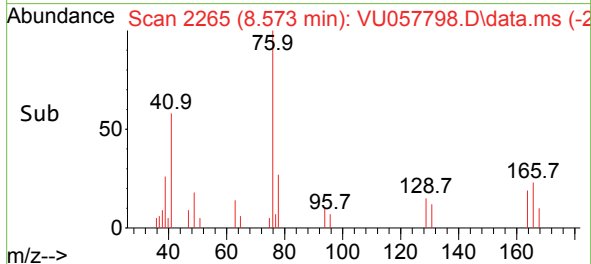
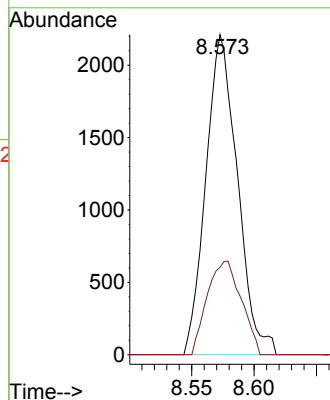
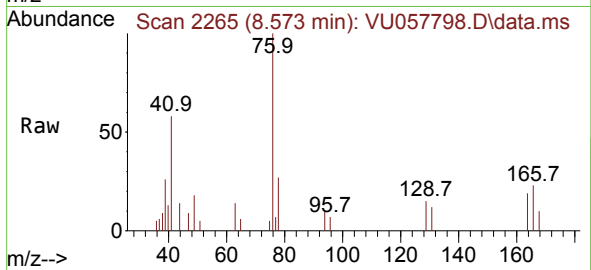




#53
1,3-Dichloropropane
Concen: 0.294 ug/l
RT: 8.573 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

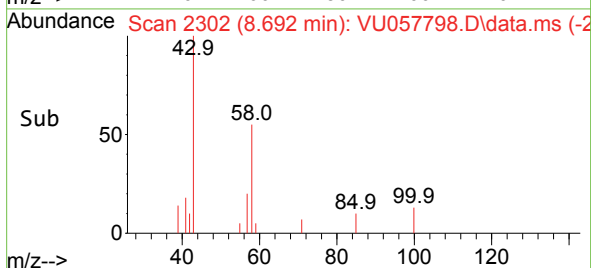
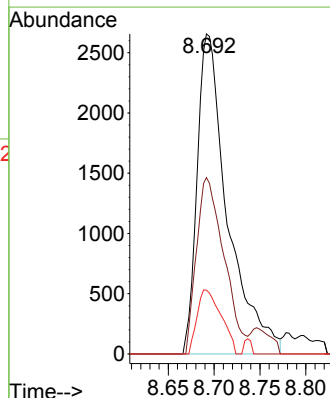
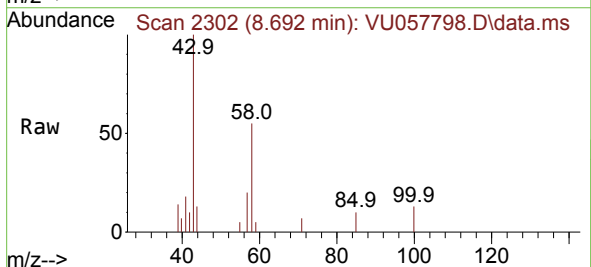
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

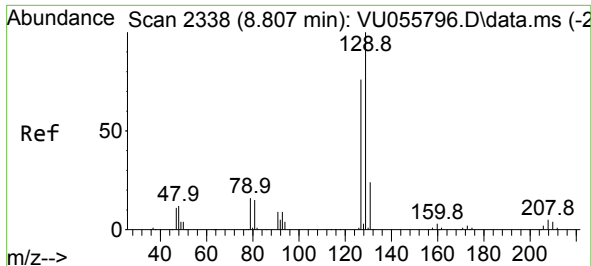
Tgt Ion: 76 Resp: 3894
Ion Ratio Lower Upper
76 100
78 31.5 25.9 38.9



#54
2-Hexanone
Concen: 1.167 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 43 Resp: 6122
Ion Ratio Lower Upper
43 100
58 50.1 38.2 78.2
57 15.8 0.0 39.1

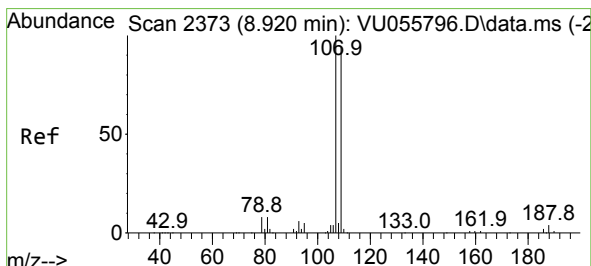
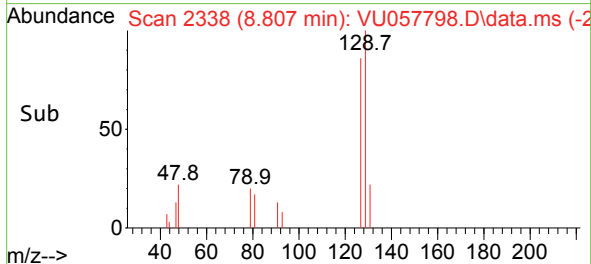
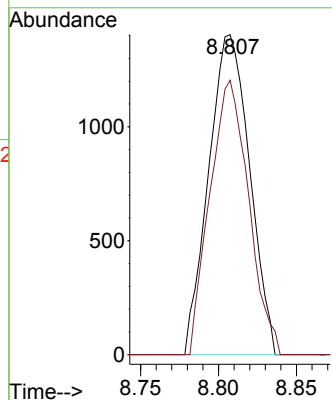
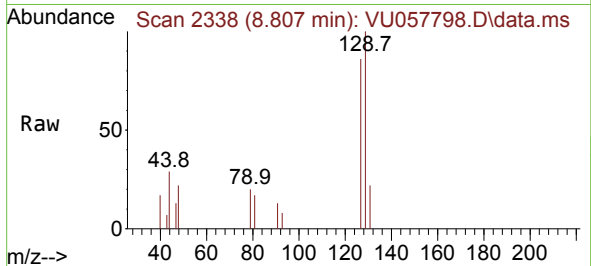




#55
Dibromochloromethane
Concen: 0.281 ug/l
RT: 8.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

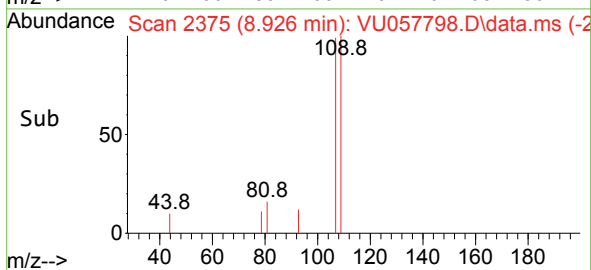
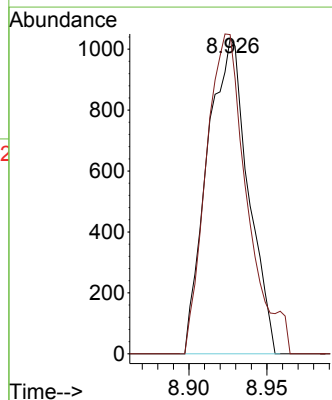
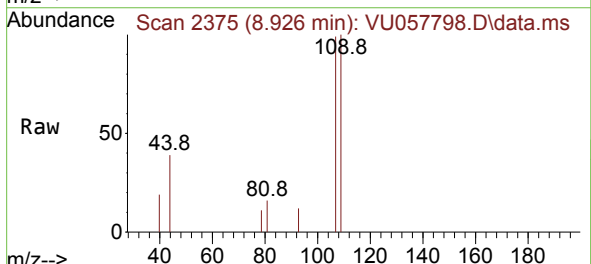
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

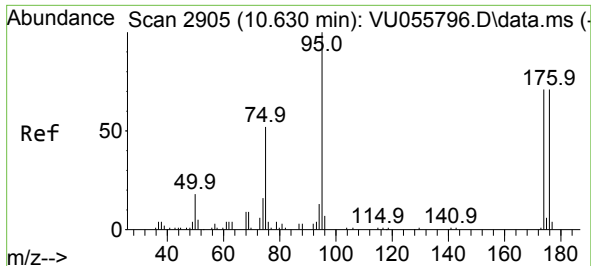
Tgt Ion:129 Resp: 2564
Ion Ratio Lower Upper
129 100
127 81.2 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.278 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.006 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion:107 Resp: 1888
Ion Ratio Lower Upper
107 100
109 101.5 0.0 184.4

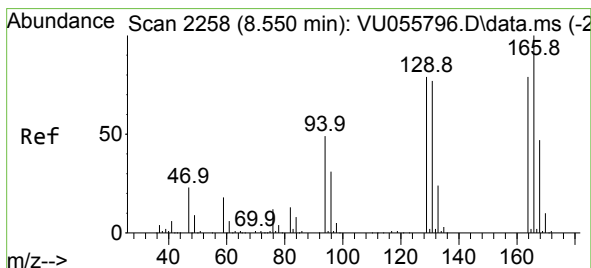
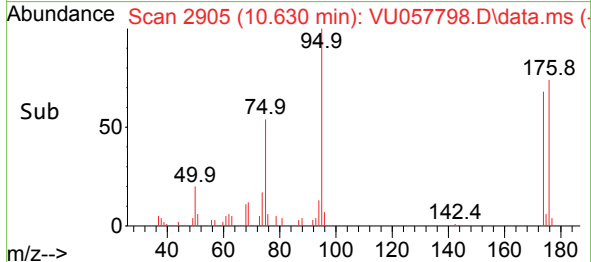
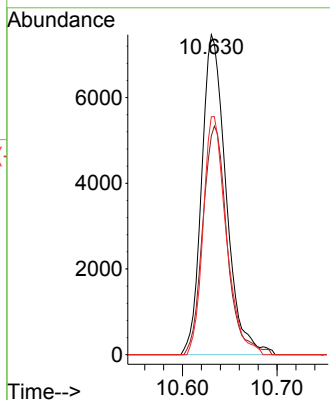
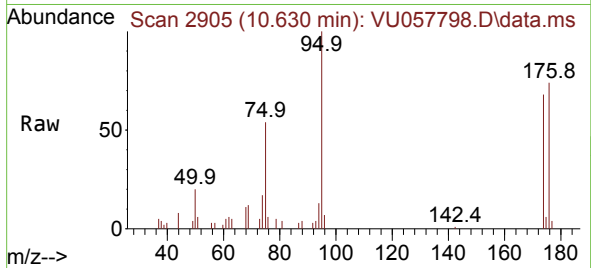




#57
4-Bromofluorobenzene
Concen: 0.882 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

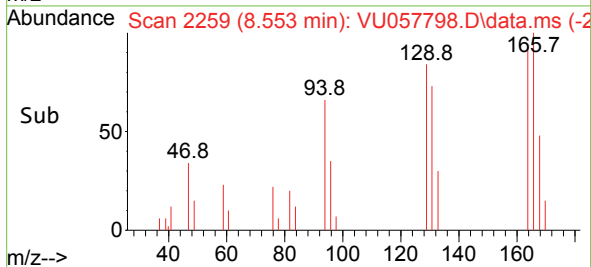
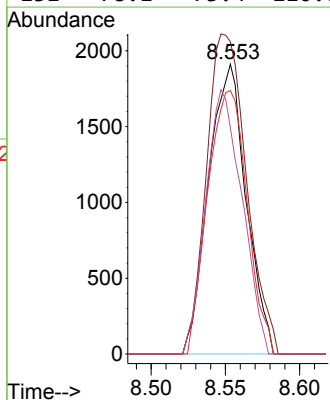
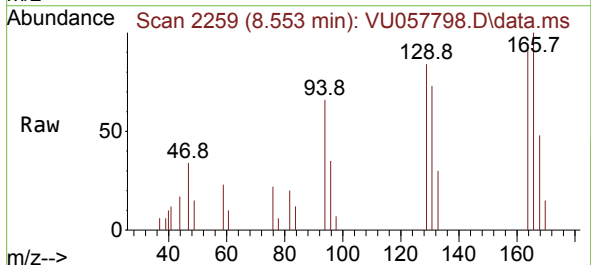
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

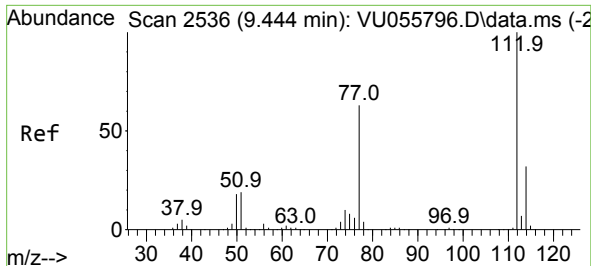
Tgt Ion:	95	Resp:	13363
Ion	Ratio	Lower	Upper
95	100		
174	71.1	63.3	94.9
176	70.4	59.3	88.9



#58
Tetrachloroethene
Concen: 0.321 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion:	164	Resp:	3370
Ion	Ratio	Lower	Upper
164	100		
166	107.7	99.6	149.4
129	90.8	78.6	117.8
131	78.1	73.4	110.0





#59

Chlorobenzene

Concen: 0.311 ug/l

RT: 9.447 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

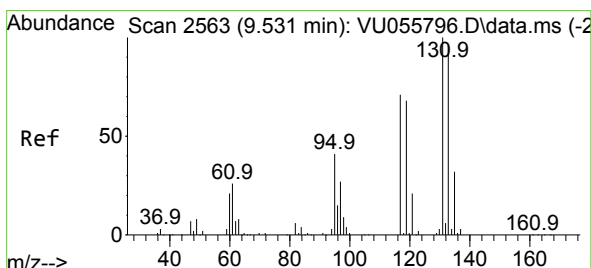
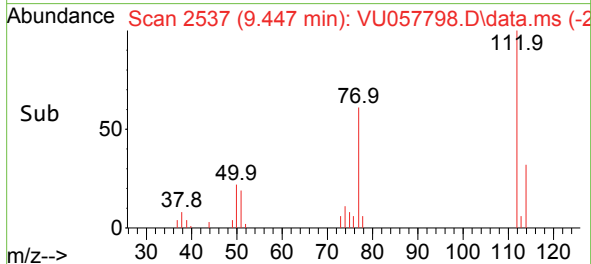
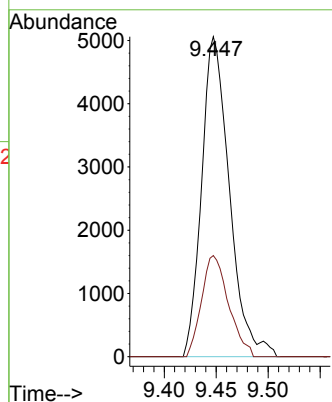
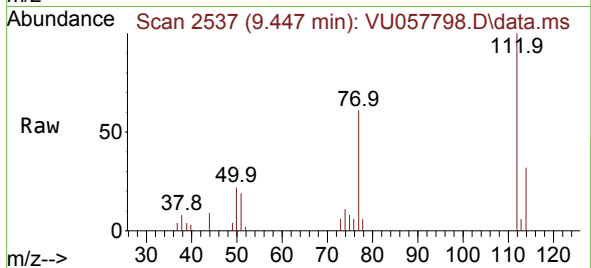
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 9407

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.287 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

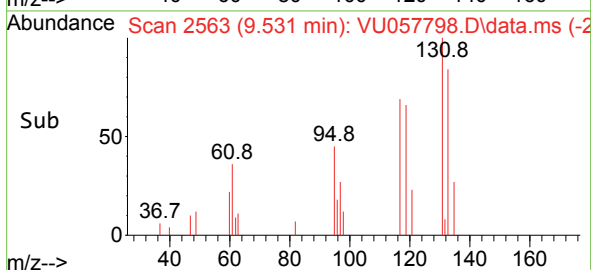
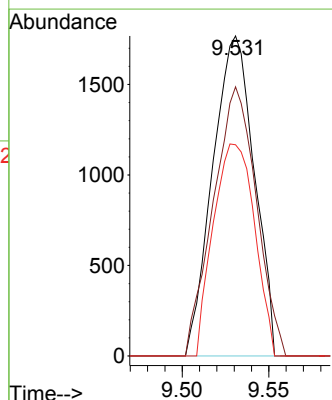
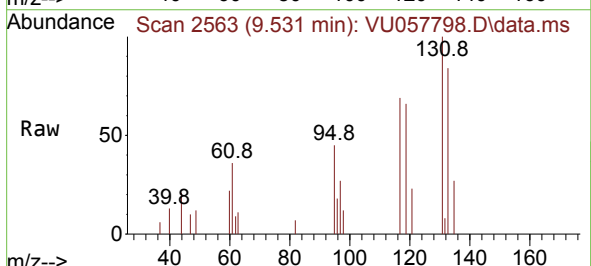
Tgt Ion:131 Resp: 2951

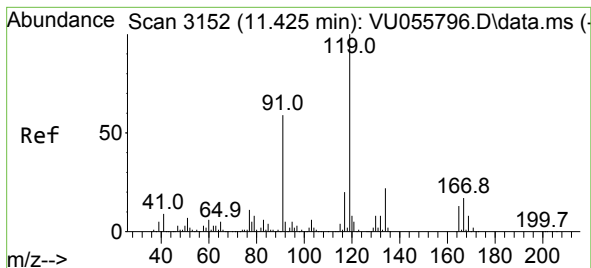
Ion Ratio Lower Upper

131 100

133 87.2 77.8 116.6

119 65.7 55.2 82.8





#61

Pentachloroethane

Concen: 0.261 ug/l

RT: 11.421 min Scan# 3152

Delta R.T. -0.004 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

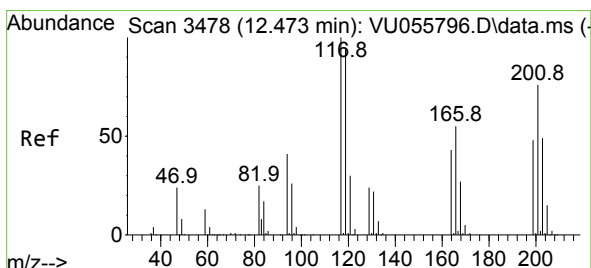
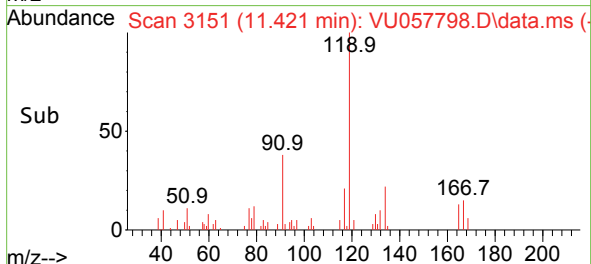
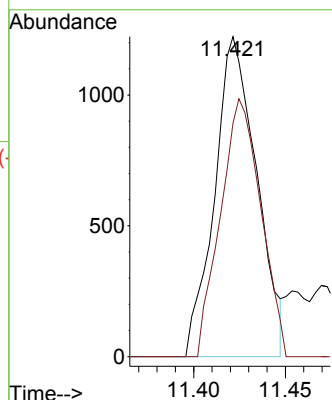
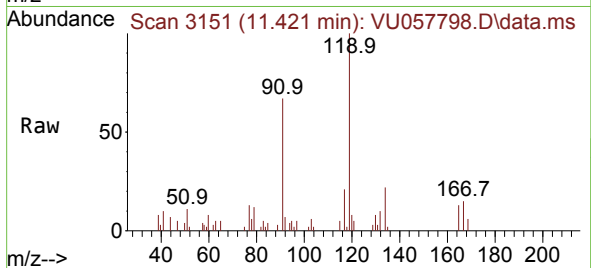
MDL-WATER-03-QT1-2024

Tgt Ion:117 Resp: 1950

Ion Ratio Lower Upper

117 100

167 77.2 56.7 85.1



#62

Hexachloroethane

Concen: 0.262 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.007 min

Lab File: VU057798.D

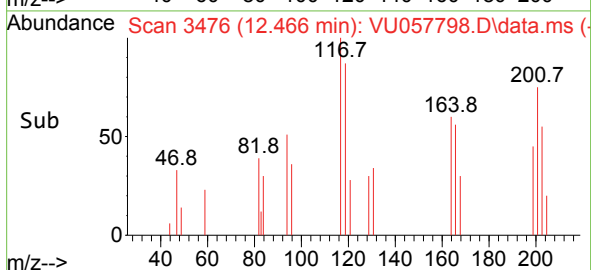
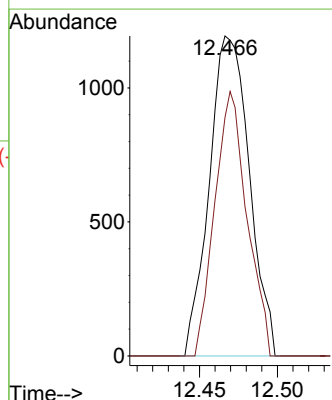
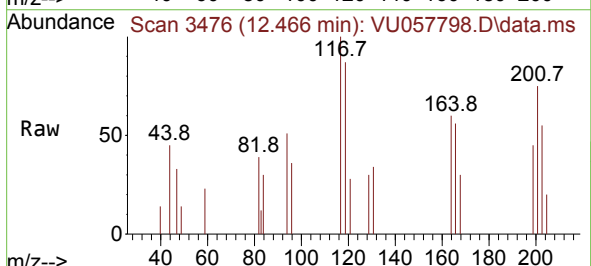
Acq: 02 Feb 2024 17:41

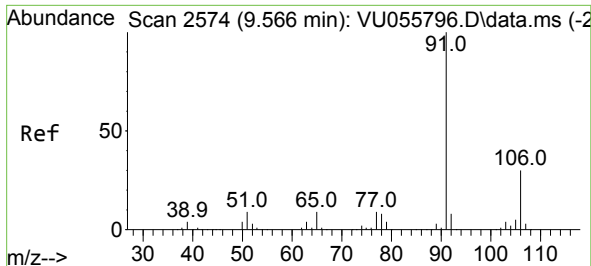
Tgt Ion:117 Resp: 2135

Ion Ratio Lower Upper

117 100

201 66.4 59.6 89.4





#63

Ethyl Benzene

Concen: 0.291 ug/l

RT: 9.569 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

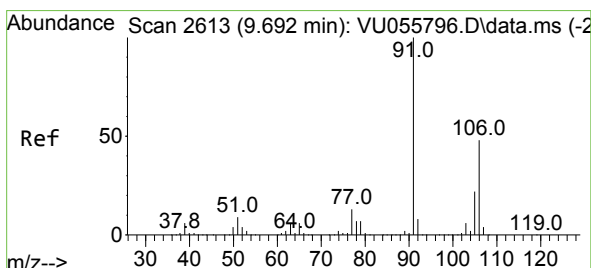
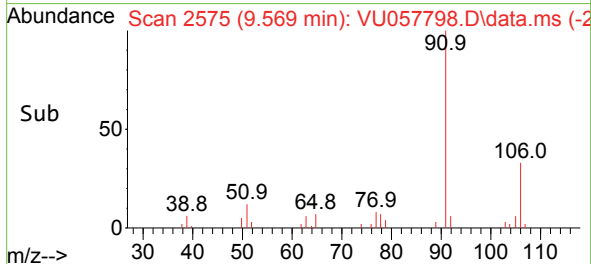
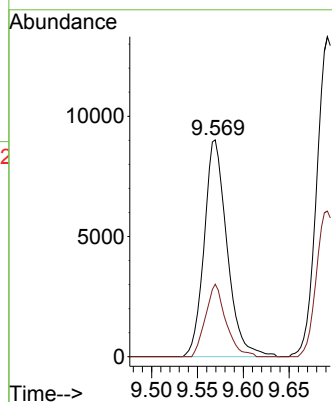
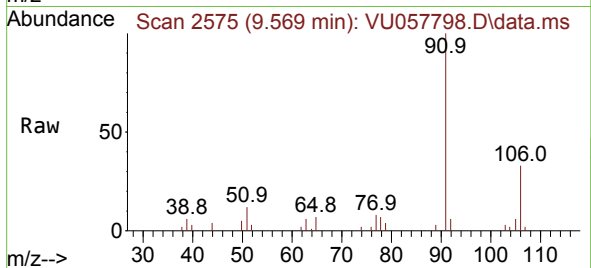
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 15659

Ion Ratio Lower Upper

91 100

106 33.5 24.2 36.2



#64

m/p-Xylenes

Concen: 0.564 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. -0.000 min

Lab File: VU057798.D

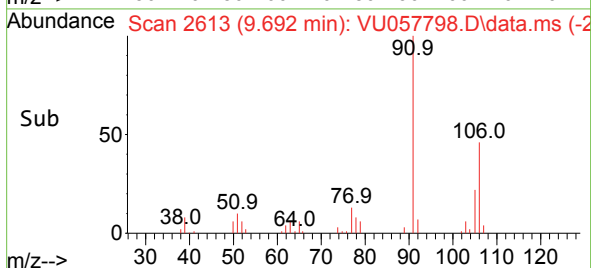
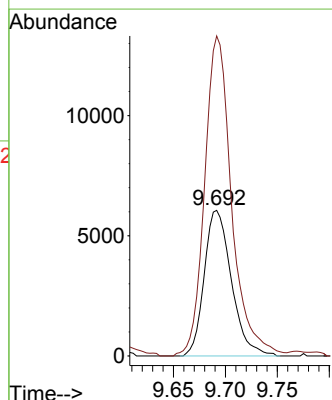
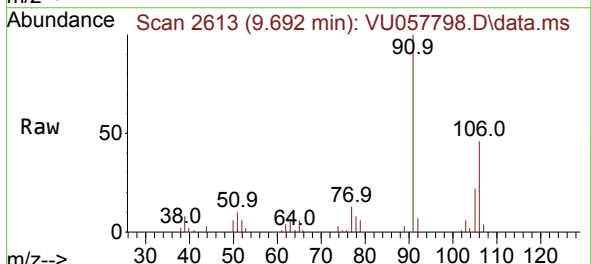
Acq: 02 Feb 2024 17:41

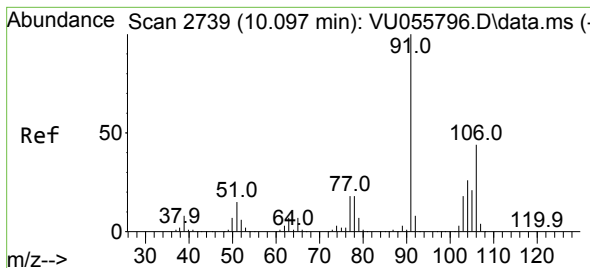
Tgt Ion:106 Resp: 11033

Ion Ratio Lower Upper

106 100

91 218.5 167.3 250.9

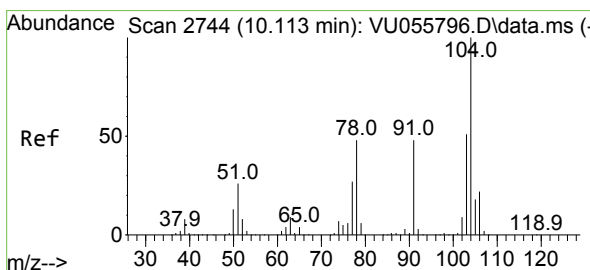
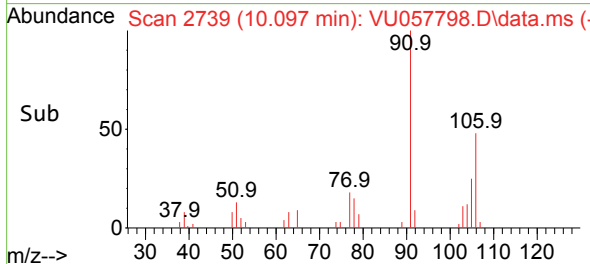
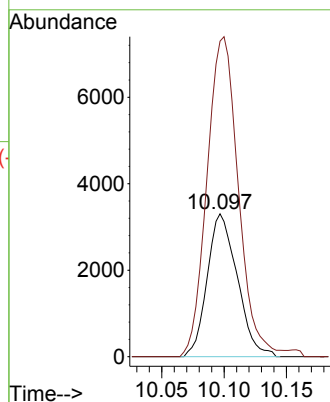
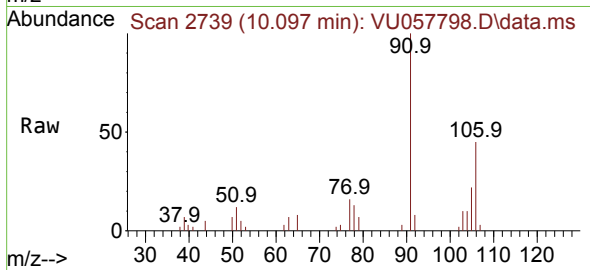




#65
o-Xylene
Concen: 0.286 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

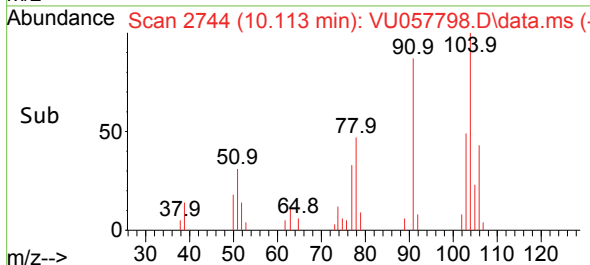
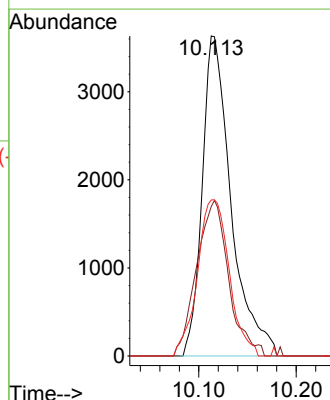
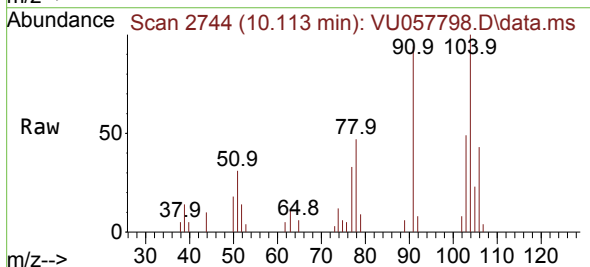
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

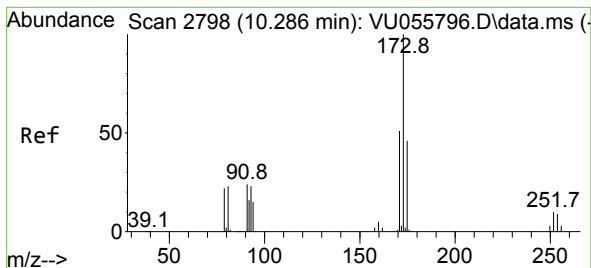
Tgt Ion:106 Resp: 5545
Ion Ratio Lower Upper
106 100
91 234.3 109.3 327.9



#66
Styrene
Concen: 0.259 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion:104 Resp: 7491
Ion Ratio Lower Upper
104 100
78 53.9 39.7 59.5
103 53.6 44.8 67.2





#67

Bromoform

Concen: 0.276 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

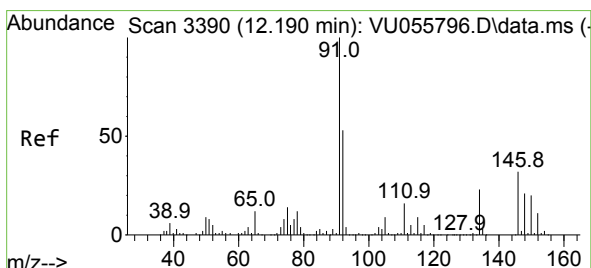
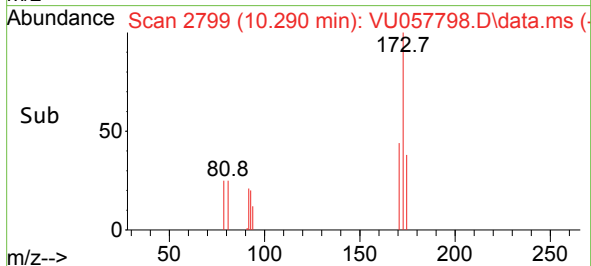
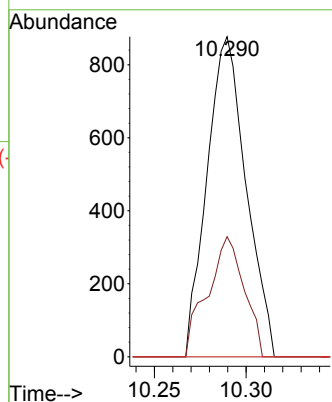
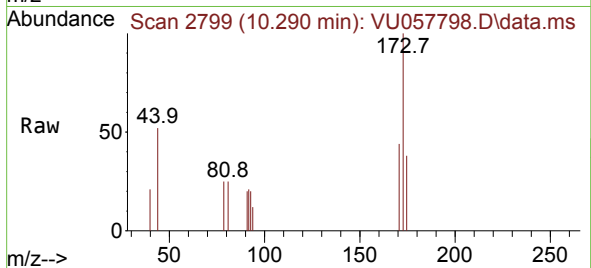
Tgt Ion:173 Resp: 1296

Ion Ratio Lower Upper

173 100

175 35.4 39.0 58.6#

254 0.0 7.4 11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.881 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

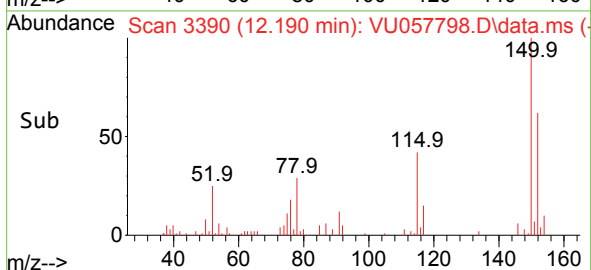
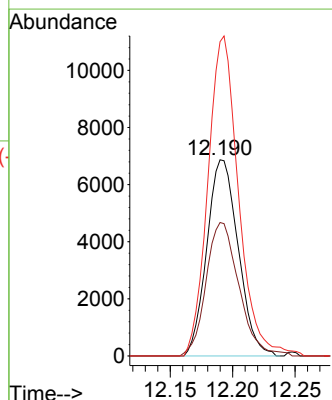
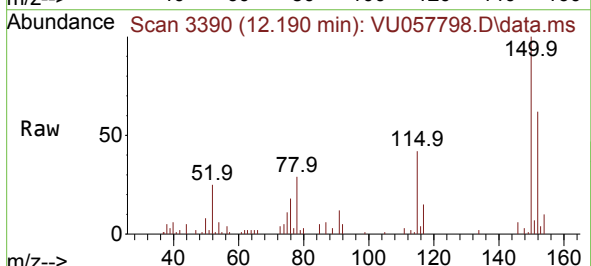
Tgt Ion:152 Resp: 12028

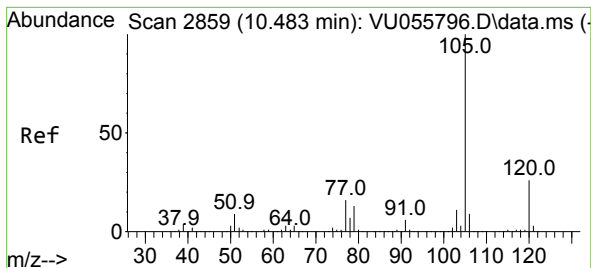
Ion Ratio Lower Upper

152 100

115 71.2 0.0 308.8

150 159.3 0.0 635.0





#69

Isopropylbenzene

Concen: 0.293 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

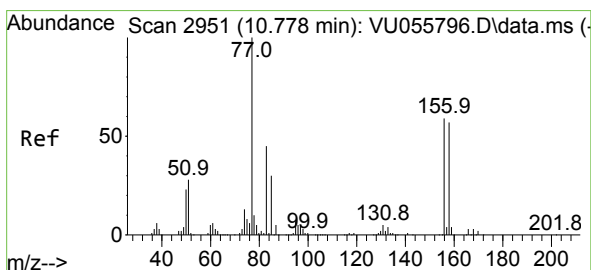
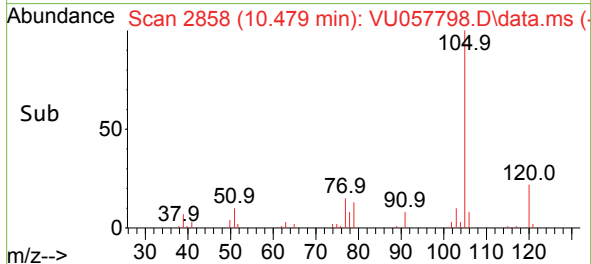
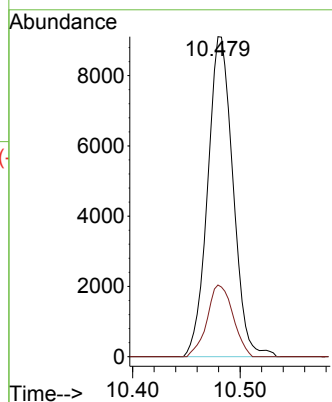
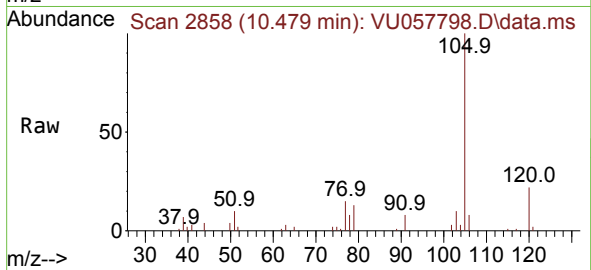
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 14892

Ion Ratio Lower Upper

105 100

120 22.9 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.299 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

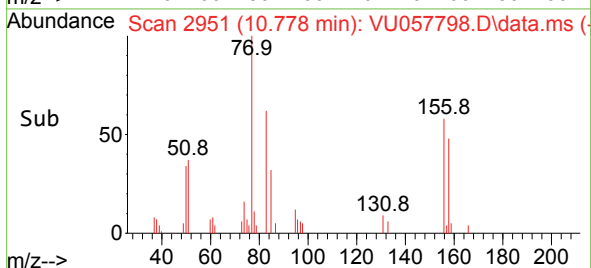
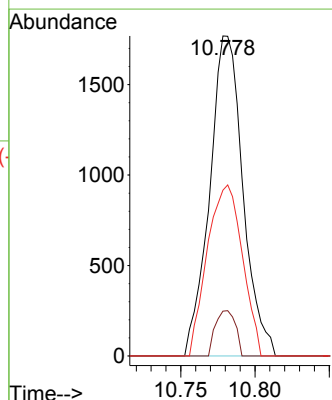
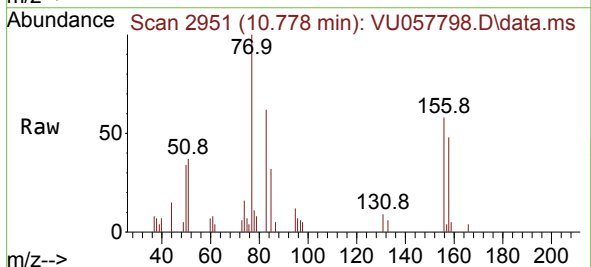
Tgt Ion: 83 Resp: 2761

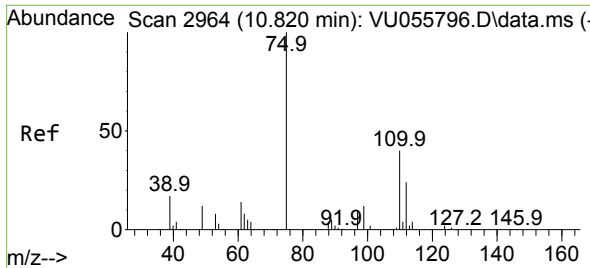
Ion Ratio Lower Upper

83 100

131 8.5 7.2 10.8

85 56.2 50.5 75.7

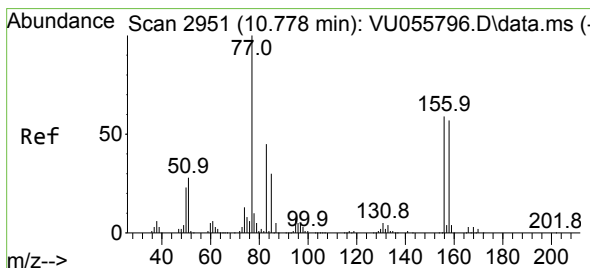
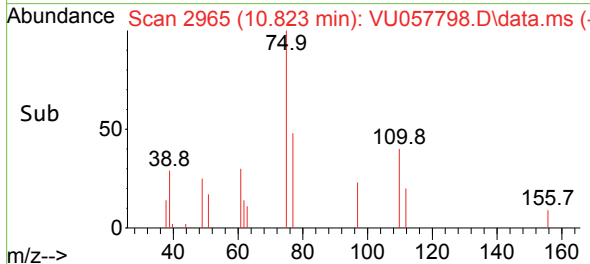
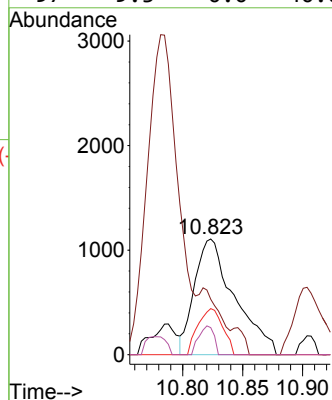
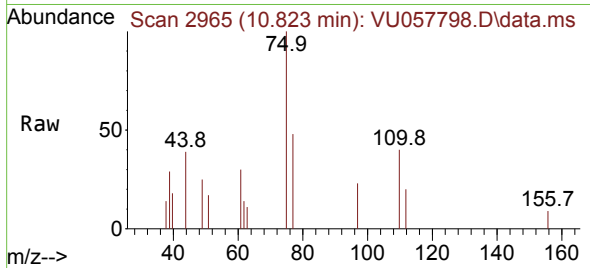




#71
1,2,3-Trichloropropane
Concen: 0.339 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

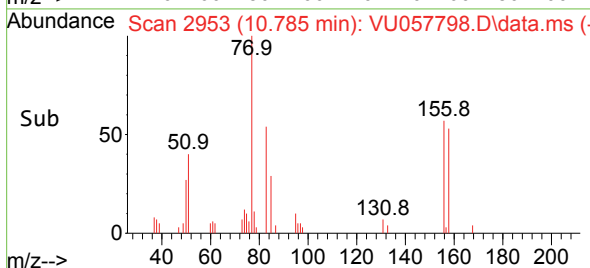
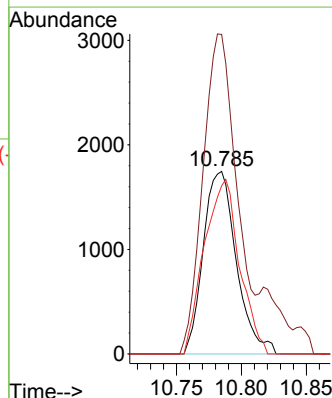
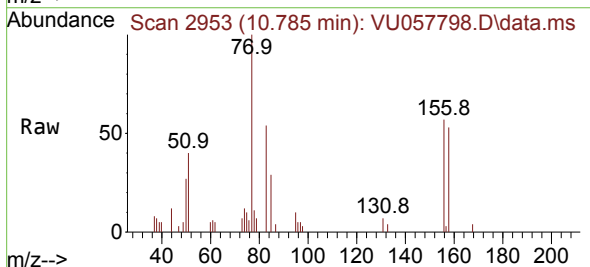
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

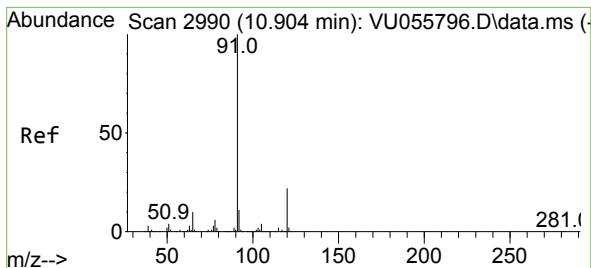
Tgt Ion: 75	Resp: 2581
Ion Ratio	Lower Upper
75 100	
77 39.8	0.0 116.4
110 24.6	0.0 74.6
97 9.3	0.0 40.0



#72
Bromobenzene
Concen: 0.277 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 156	Resp: 3090
Ion Ratio	Lower Upper
156 100	
77 177.3	0.0 343.0
158 101.9	0.0 194.8





#73

n-propylbenzene

Concen: 0.367 ug/l

RT: 10.904 min Scan# 2990

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

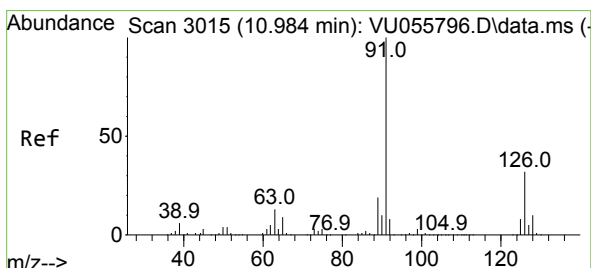
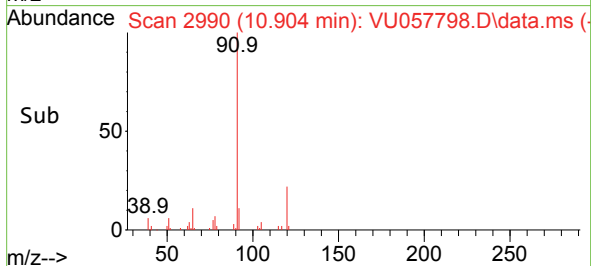
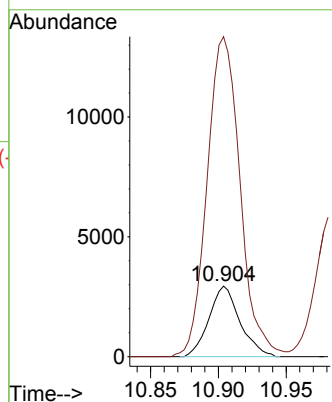
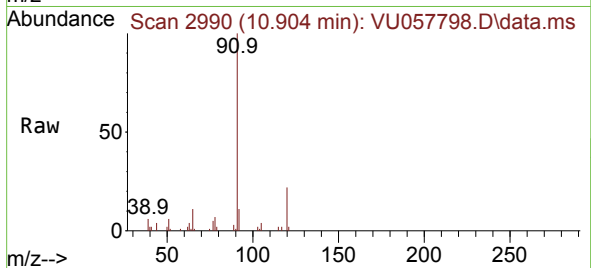
MDL-WATER-03-QT1-2024

Tgt Ion:120 Resp: 4677

Ion Ratio Lower Upper

120 100

91 483.4 369.8 554.6



#74

2-Chlorotoluene

Concen: 0.280 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.000 min

Lab File: VU057798.D

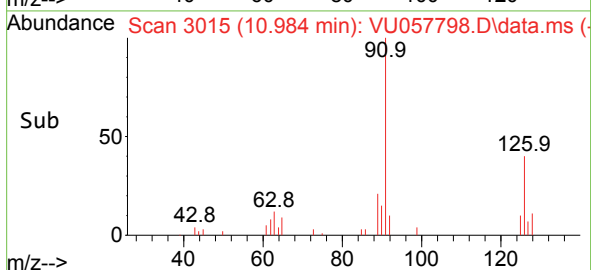
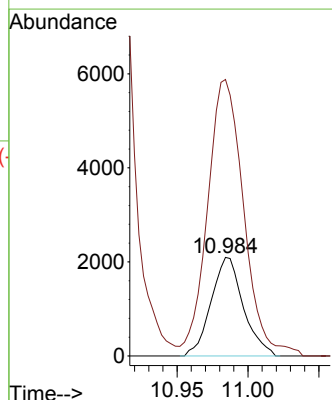
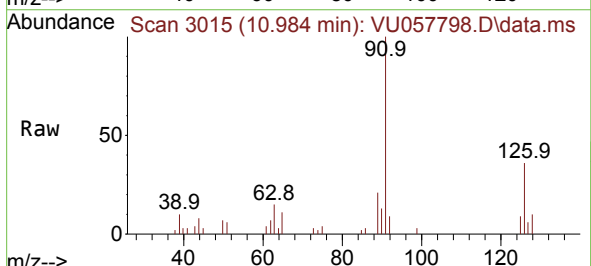
Acq: 02 Feb 2024 17:41

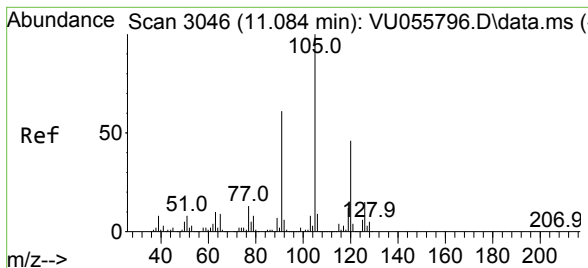
Tgt Ion:126 Resp: 3314

Ion Ratio Lower Upper

126 100

91 314.5 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

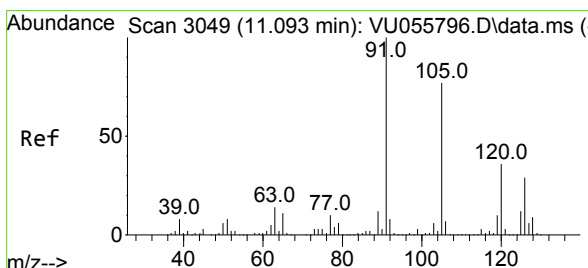
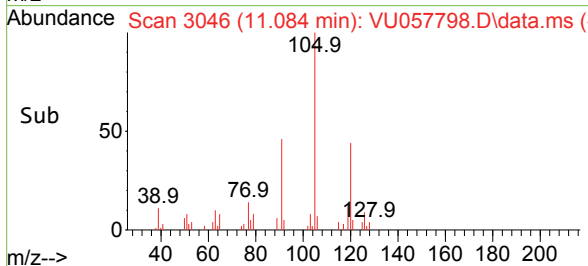
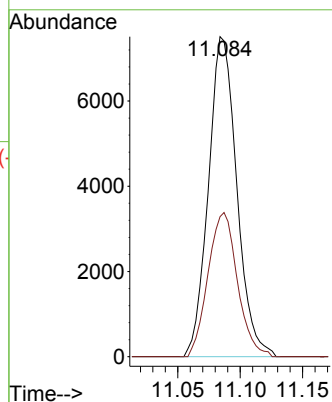
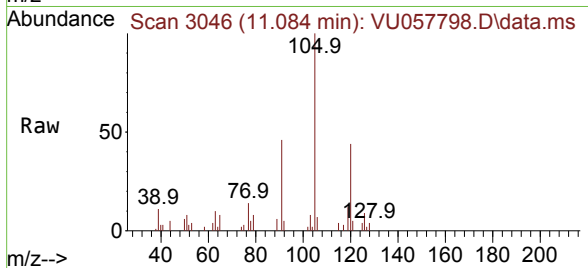
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 11897

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.254 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057798.D

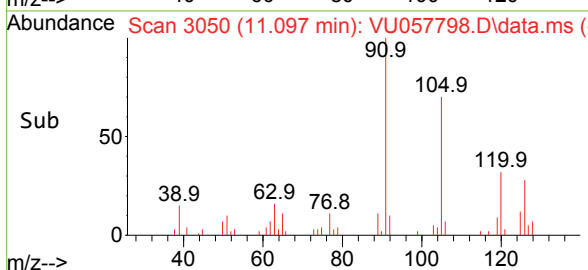
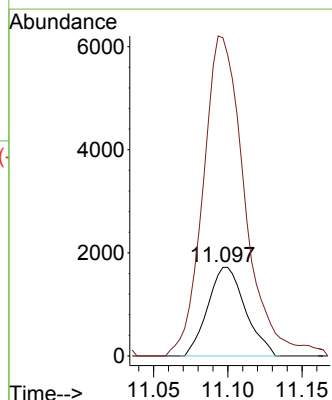
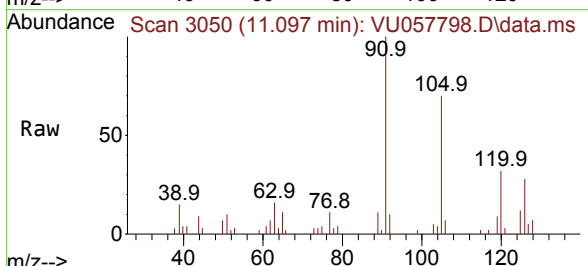
Acq: 02 Feb 2024 17:41

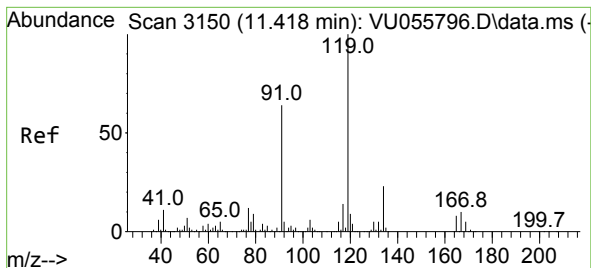
Tgt Ion:126 Resp: 3022

Ion Ratio Lower Upper

126 100

91 401.8 0.0 686.2





#77

tert-Butylbenzene

Concen: 0.282 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

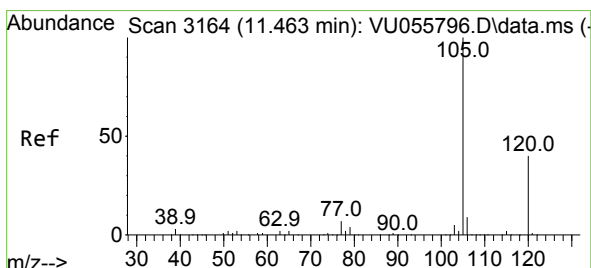
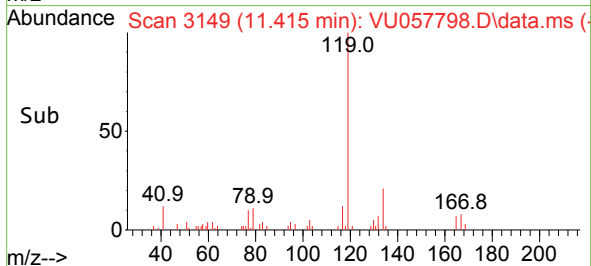
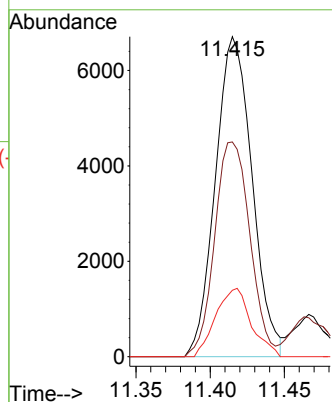
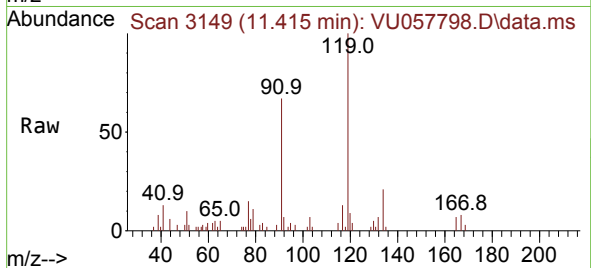
Tgt Ion:119 Resp: 11525

Ion Ratio Lower Upper

119 100

91 64.5 30.8 92.4

134 20.6 18.0 27.0



#78

1,2,4-Trimethylbenzene

Concen: 0.271 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU057798.D

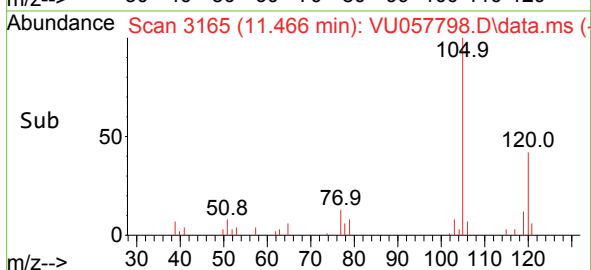
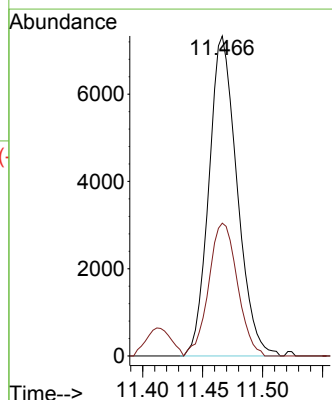
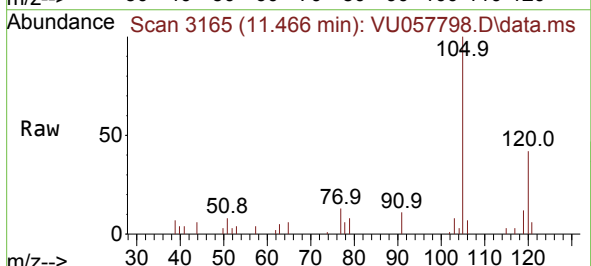
Acq: 02 Feb 2024 17:41

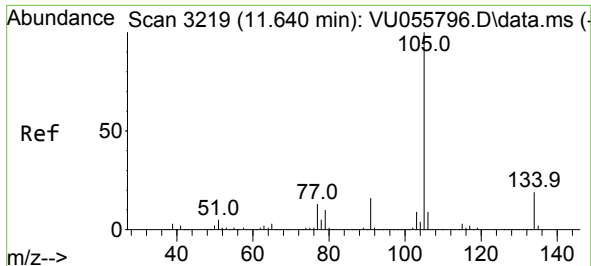
Tgt Ion:105 Resp: 11981

Ion Ratio Lower Upper

105 100

120 42.3 21.9 65.8

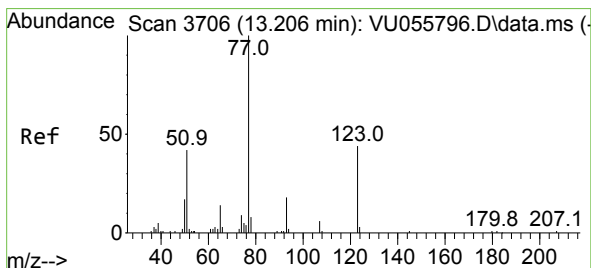
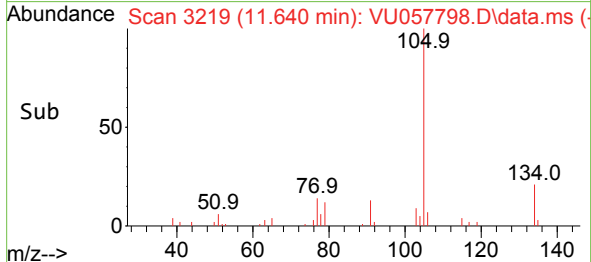
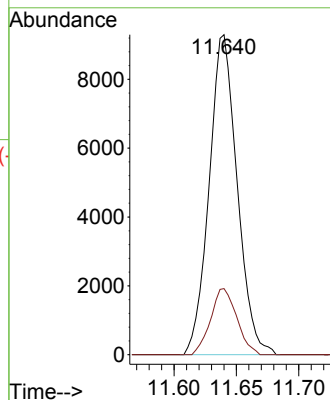
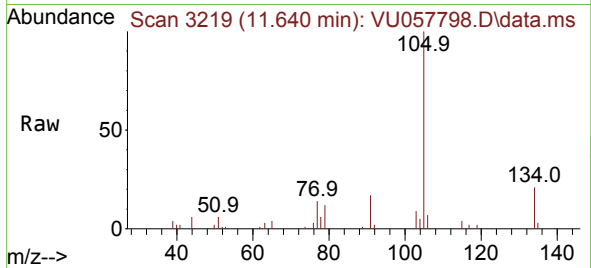




#79
sec-Butylbenzene
Concen: 0.278 ug/l
RT: 11.640 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

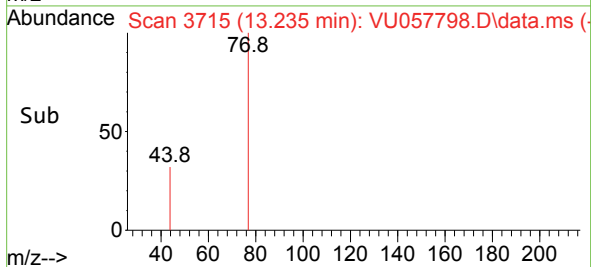
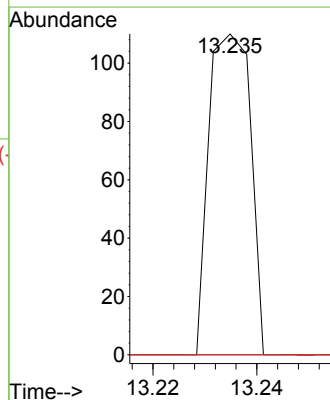
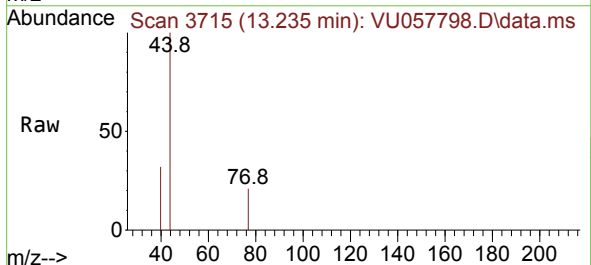
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

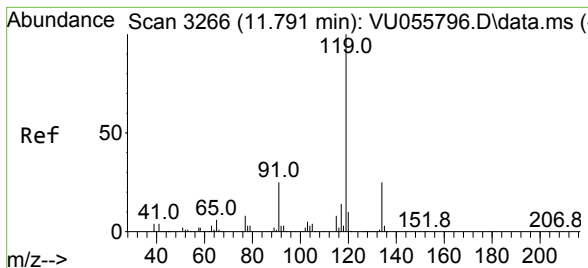
Tgt Ion:105 Resp: 14544
Ion Ratio Lower Upper
105 100
134 19.3 14.9 22.3



#80
Nitrobenzene
Concen: 0.337 ug/l
RT: 13.235 min Scan# 3715
Delta R.T. 0.029 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
123 0.0 19.7 69.7#
65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.263 ug/l

RT: 11.791 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

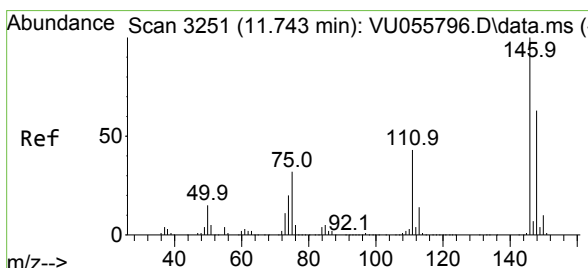
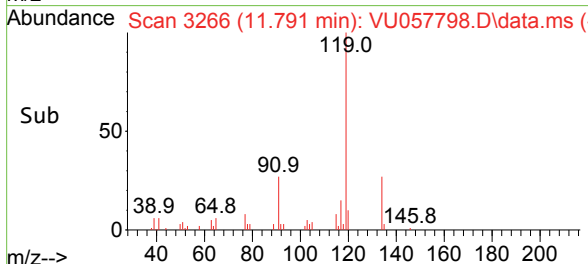
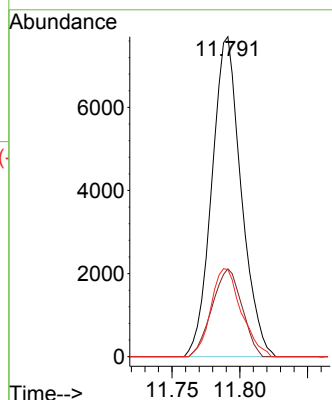
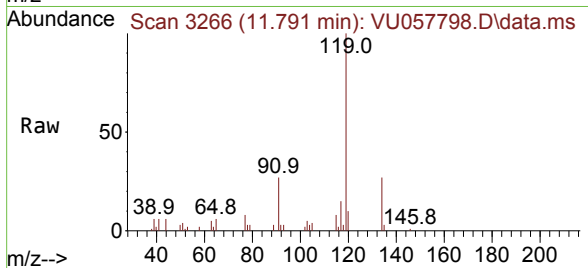
Tgt Ion:119 Resp: 11575

Ion Ratio Lower Upper

119 100

134 27.9 20.2 30.4

91 28.6 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.280 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

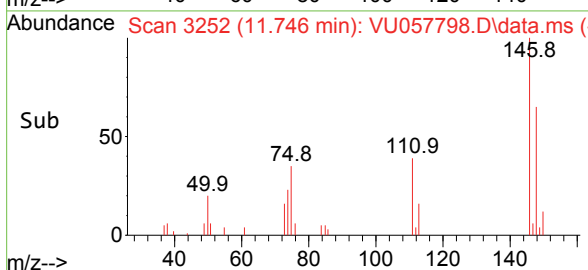
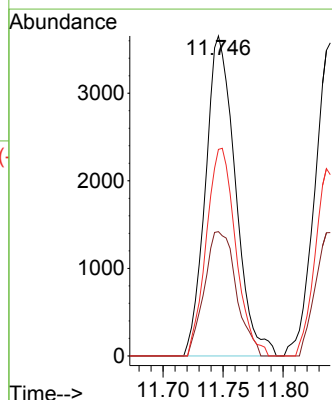
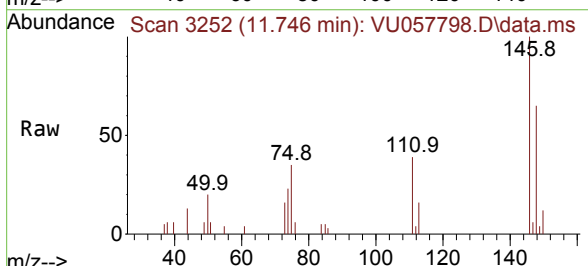
Tgt Ion:146 Resp: 6316

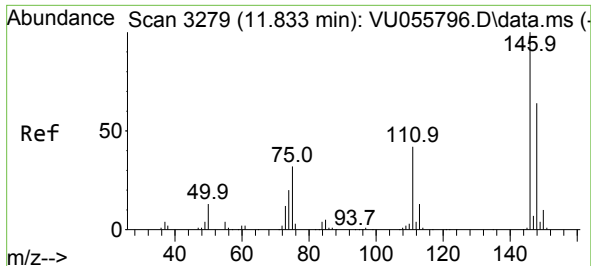
Ion Ratio Lower Upper

146 100

111 41.3 32.6 49.0

148 63.9 51.0 76.4

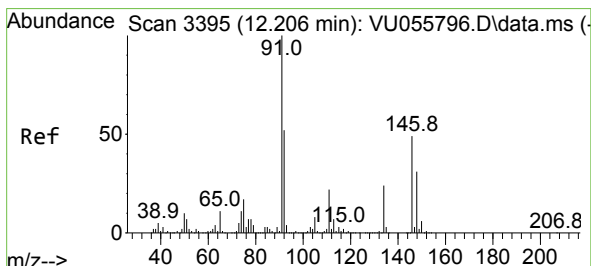
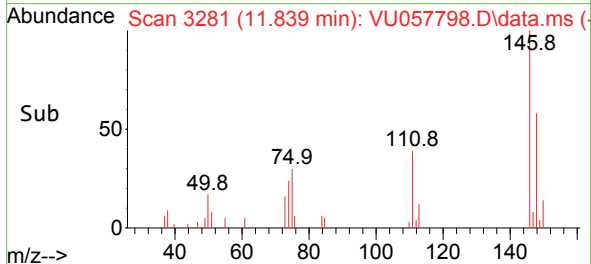
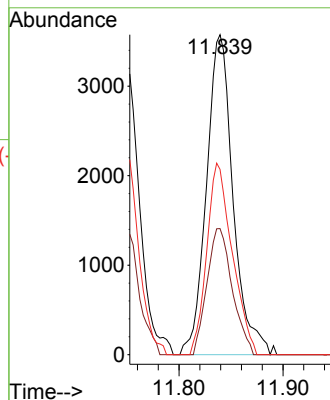
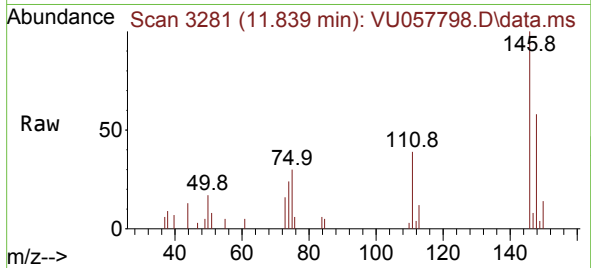




#83
1,4-Dichlorobenzene
Concen: 0.289 ug/l
RT: 11.839 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

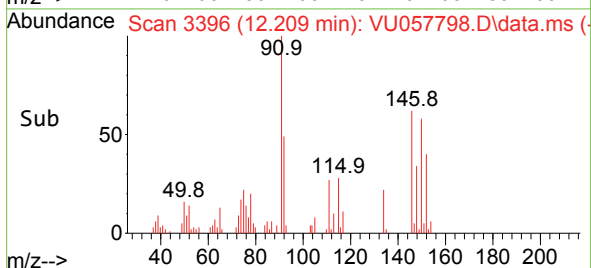
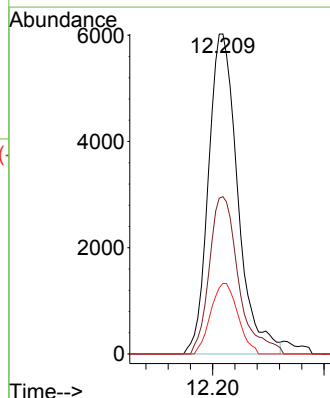
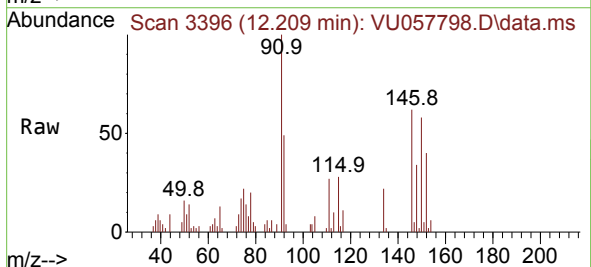
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

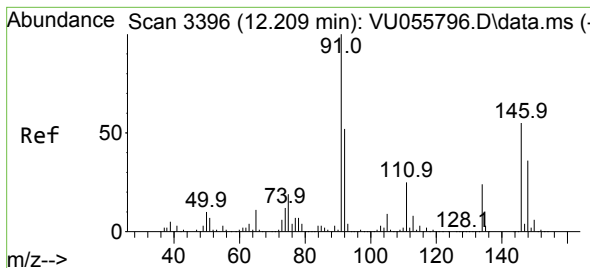
Tgt Ion:146 Resp: 6371
Ion Ratio Lower Upper
146 100
111 37.4 31.6 47.4
148 57.1 50.3 75.5



#84
n-Butylbenzene
Concen: 0.261 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU057798.D
Acq: 02 Feb 2024 17:41

Tgt Ion: 91 Resp: 11007
Ion Ratio Lower Upper
91 100
92 49.1 40.8 61.2
134 20.4 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.306 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

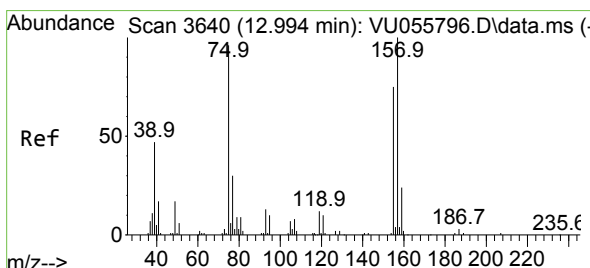
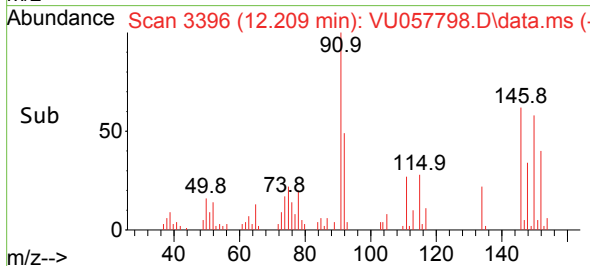
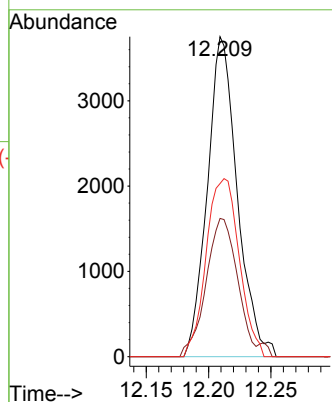
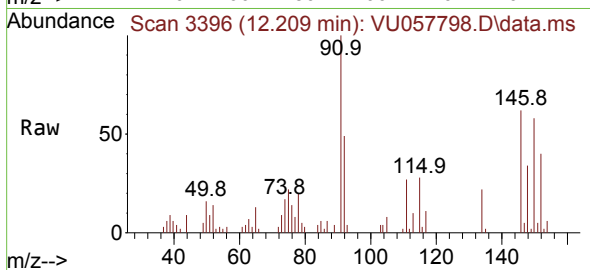
Tgt Ion:146 Resp: 6275

Ion Ratio Lower Upper

146 100

111 45.1 21.6 64.6

148 61.4 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.263 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.006 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

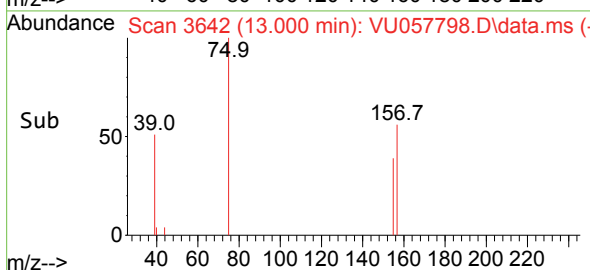
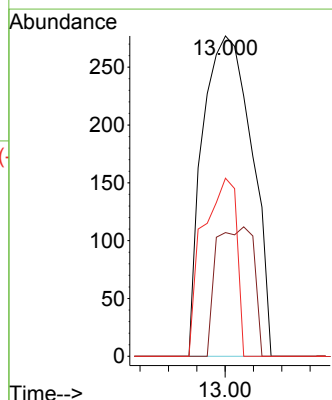
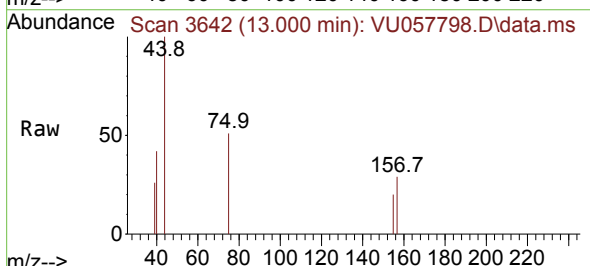
Tgt Ion: 75 Resp: 332

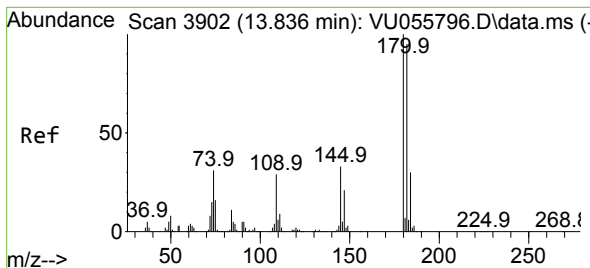
Ion Ratio Lower Upper

75 100

155 30.7 61.8 92.8#

157 38.3 80.2 120.4#





#87

1,2,4-Trichlorobenzene

Concen: 0.243 ug/l

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

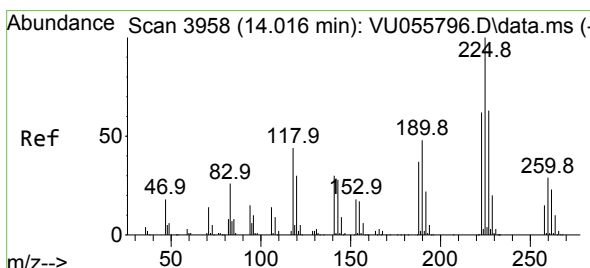
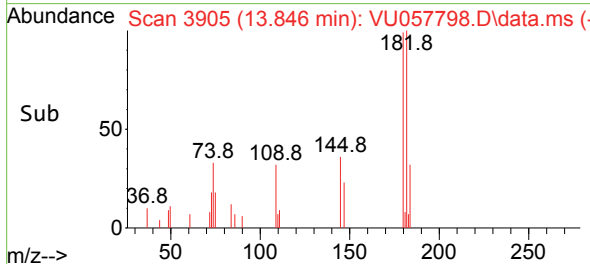
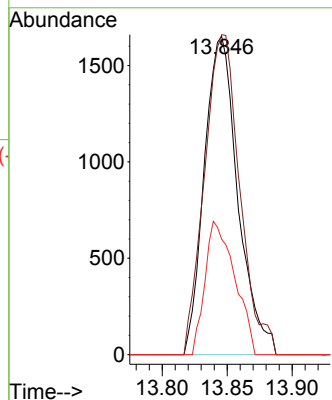
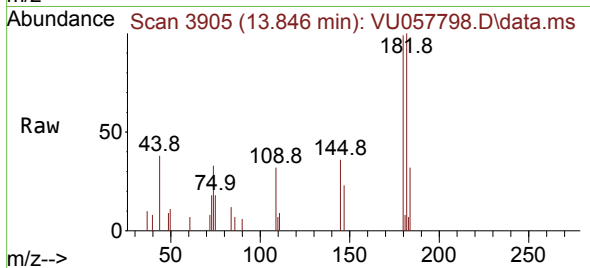
Tgt Ion:180 Resp: 2969

Ion Ratio Lower Upper

180 100

182 105.6 75.8 113.6

145 37.0 23.9 35.9#



#88

Hexachlorobutadiene

Concen: 0.273 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

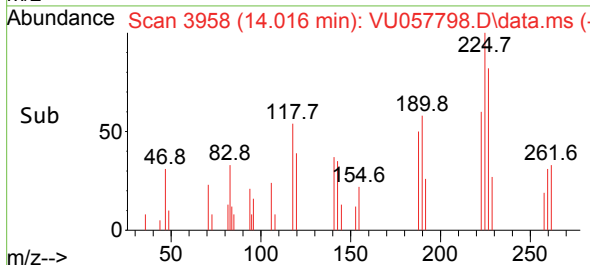
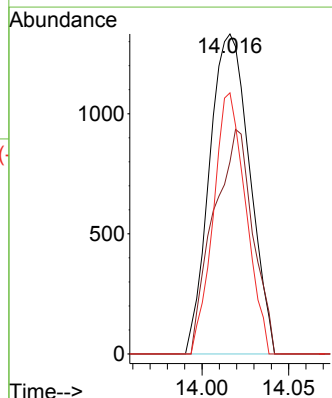
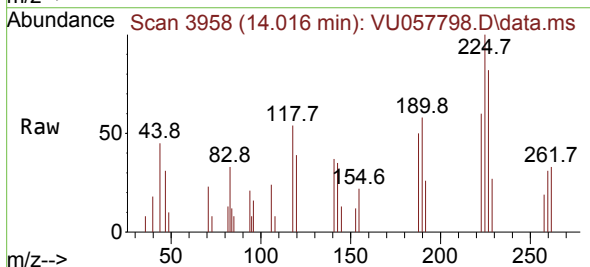
Tgt Ion:225 Resp: 2146

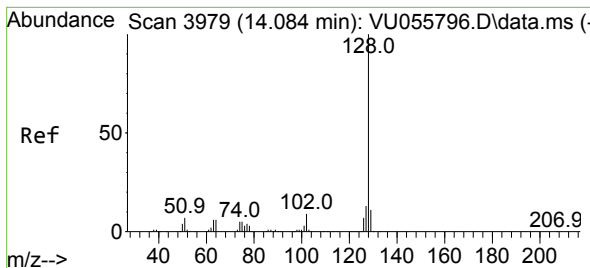
Ion Ratio Lower Upper

225 100

223 68.9 50.2 75.4

227 66.1 51.5 77.3





#89

Naphthalene

Concen: 0.303 ug/l

RT: 14.097 min Scan# 3983

Delta R.T. 0.013 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

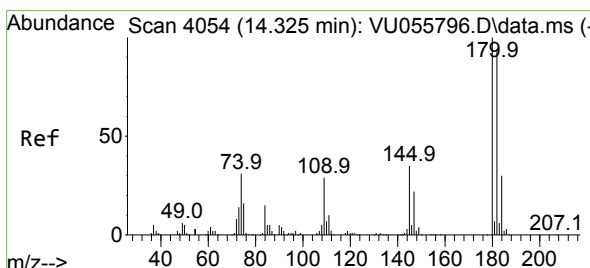
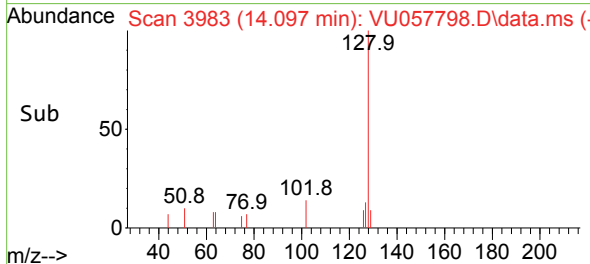
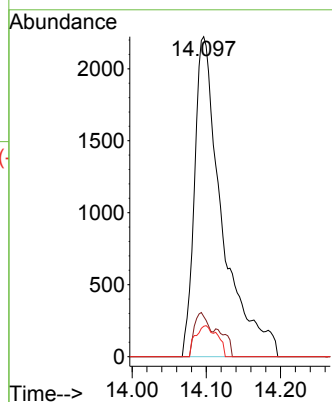
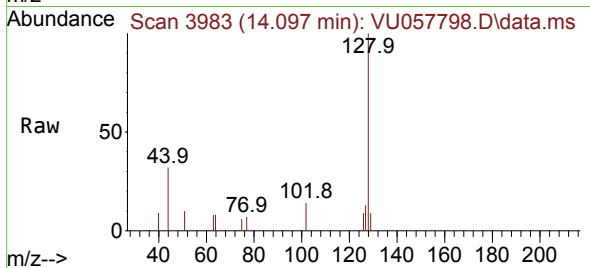
Tgt Ion:128 Resp: 5719

Ion Ratio Lower Upper

128 100

127 7.7 10.9 16.3#

129 7.6 8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.291 ug/l

RT: 14.334 min Scan# 4057

Delta R.T. 0.009 min

Lab File: VU057798.D

Acq: 02 Feb 2024 17:41

Tgt Ion:180 Resp: 2963

Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

145 27.5 26.1 39.1

