

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057799.D
 Acq On : 02 Feb 2024 18:06
 Operator : MD/SY
 Sample : P1187-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 05 02:36:09 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	40742	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13577	0.880	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13230	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9202	0.678	ug/l	98
3) Chloromethane	1.518	50	9309	0.715	ug/l	98
4) Vinyl Chloride	1.602	62	9268	0.698	ug/l	93
5) Bromomethane	1.853	94	5956	0.756	ug/l	82
6) Chloroethane	1.930	64	5794	0.691	ug/l	94
7) Trichlorofluoromethane	2.133	101	13932	0.685	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	6970	0.667	ug/l	90
9) 1,1-Dichloroethene	2.576	96	7283	0.719	ug/l	93
10) Iodomethane	2.718	142	8172	0.680	ug/l	100
11) Allyl Chloride	2.917	41	9907	0.721	ug/l	90
12) Acrylonitrile	3.345	53	1530	0.885	ug/l	# 55
13) Acetone	2.647	43	10343	3.307	ug/l	94
14) Carbon Disulfide	2.788	76	22232	0.686	ug/l	99
15) Methylene Chloride	3.039	84	9708	0.803	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	7624	0.690	ug/l	95
17) 1,1-Dichloroethane	3.862	63	15169	0.727	ug/l	99
18) 2-Butanone	4.740	43	7337	2.177	ug/l	95
19) Cyclohexane	5.380	56	11575	0.708	ug/l	90
20) Methylcyclohexane	6.756	83	12719	0.644	ug/l	96
21) 2,2-Dichloropropane	4.657	77	12262	0.662	ug/l	96
22) cis-1,2-Dichloroethene	4.660	96	8181	0.676	ug/l	96
23) Diethyl Ether	2.374	59	5036	0.689	ug/l	91
24) tert-Butyl Alcohol	3.251	59	1396	1.680	ug/l	# 1
25) Methyl tert-Butyl Ether	3.358	73	16797	0.707	ug/l	93
26) Bromochloromethane	4.975	128	3307	0.680	ug/l	93
27) Chloroform	5.081	83	15890	0.732	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	14011	0.715	ug/l	96
29) 1,1-Dichloropropene	5.525	75	11096	0.700	ug/l	95
30) Carbon Tetrachloride	5.518	117	11089	0.657	ug/l	95
31) Isopropyl Ether	3.985	45	22027	0.721	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	20062	0.708	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	16865	0.706	ug/l	98
34) Propionitrile	4.817	54	652	0.933	ug/l	# 4
35) Benzene	5.769	78	32032	0.702	ug/l	99
36) 1,2-Dichloroethane	5.795	62	9027	0.679	ug/l	97
37) Trichloroethene	6.538	130	8149	0.672	ug/l	98
38) 1,2-Dichloropropane	6.788	63	8233	0.696	ug/l	96
39) Methacrylonitrile	4.985	41	592	0.213	ug/l	# 26
40) Methyl acrylate	4.872	55	2524	0.602	ug/l	# 71
41) Tetrahydrofuran	5.075	42	2073	1.394	ug/l	# 80
42) 1-Chlorobutane	5.454	56	14549	0.696	ug/l	98
43) Dibromomethane	6.920	93	3600	0.662	ug/l	# 85
44) Bromodichloromethane	7.103	83	10034	0.659	ug/l	96

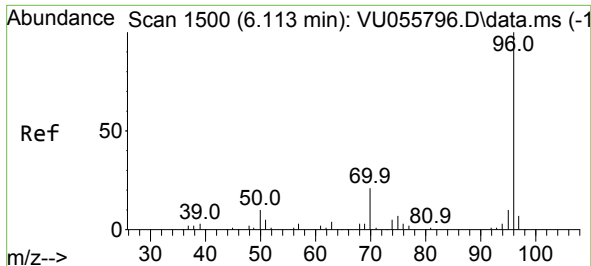
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
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Quant Time: Feb 05 02:36:09 2024
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 05 02:31:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	17671	3.047	ug/l	96
46) t-1,4-Dichloro-2-butene	10.820	75	6592	5.003	ug/l #	36
47) Methyl methacrylate	6.965	69	6406	1.333	ug/l	95
48) Ethyl methacrylate	8.335	69	5913	0.614	ug/l	100
49) Toluene	7.968	92	18764	0.673	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	8116	0.617	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	11295	0.678	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	4983	0.665	ug/l	95
53) 1,3-Dichloropropane	8.573	76	9032	0.670	ug/l	99
54) 2-Hexanone	8.689	43	14597	2.734	ug/l	97
55) Dibromochloromethane	8.804	129	5864	0.632	ug/l	99
56) 1,2-Dibromoethane	8.920	107	4867	0.705	ug/l	94
58) Tetrachloroethene	8.550	164	7475	0.699	ug/l	98
59) Chlorobenzene	9.444	112	20932	0.679	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	6852	0.655	ug/l	98
61) Pentachloroethane	11.422	117	4619	0.607	ug/l	95
62) Hexachloroethane	12.470	117	4446	0.536	ug/l	96
63) Ethyl Benzene	9.566	91	35637	0.650	ug/l	99
64) m/p-Xylenes	9.692	106	25554	1.284	ug/l	94
65) o-Xylene	10.097	106	12560	0.637	ug/l	95
66) Styrene	10.113	104	17216	0.585	ug/l	95
67) Bromoform	10.290	173	2834	0.593	ug/l #	94
69) Isopropylbenzene	10.479	105	32306	0.625	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.779	83	5700	0.607	ug/l #	96
71) 1,2,3-Trichloropropane	10.820	75	6592	0.850	ug/l #	50
72) Bromobenzene	10.779	156	7243	0.637	ug/l	81
73) n-propylbenzene	10.901	120	9503	0.732	ug/l	91
74) 2-Chlorotoluene	10.981	126	7680	0.638	ug/l	85
75) 1,3,5-Trimethylbenzene	11.084	105	27179	0.612	ug/l	99
76) 4-Chlorotoluene	11.097	126	7463	0.617	ug/l	87
77) tert-Butylbenzene	11.415	119	26900	0.646	ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	27863	0.619	ug/l	100
79) sec-Butylbenzene	11.640	105	34674	0.651	ug/l	99
80) Nitrobenzene	13.232	77	434	2.356	ug/l #	40
81) p-Isopropyltoluene	11.788	119	27700	0.617	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	14845	0.646	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	14543	0.648	ug/l	99
84) n-Butylbenzene	12.206	91	25565	0.596	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	13875	0.665	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.000	75	717	0.557	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.843	180	7064	0.567	ug/l	92
88) Hexachlorobutadiene	14.016	225	5154	0.645	ug/l	96
89) Naphthalene	14.090	128	11343	0.590	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	6259	0.604	ug/l	98

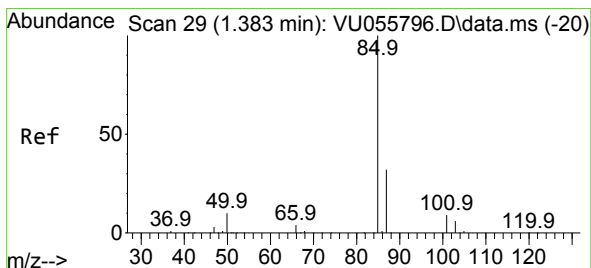
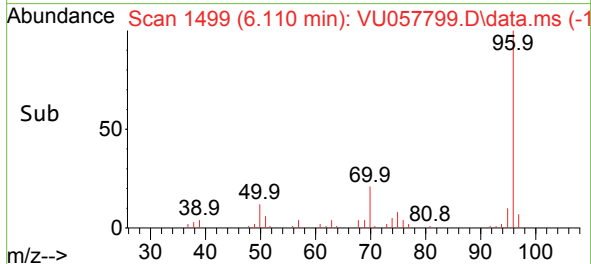
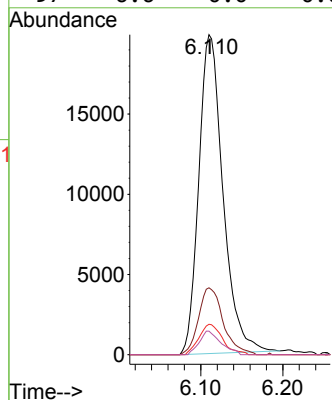
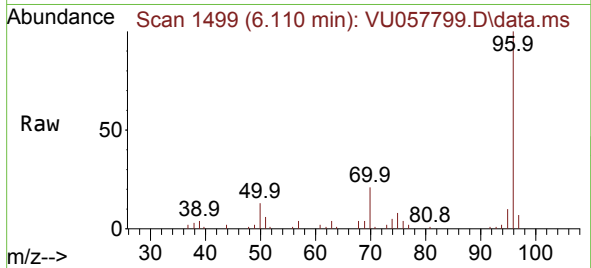
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057799.D
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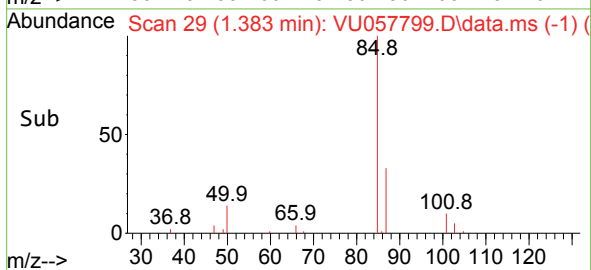
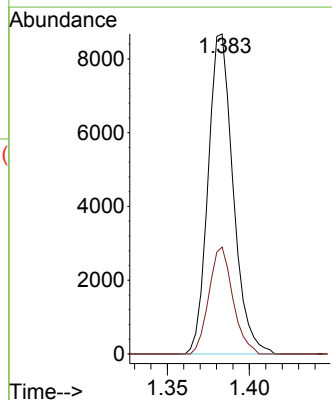
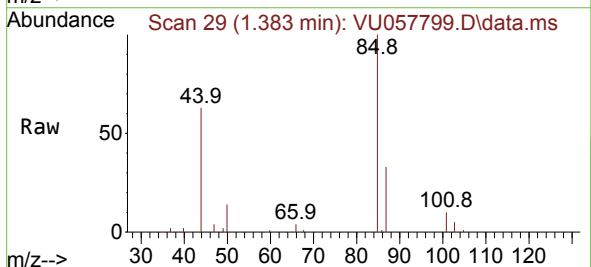
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

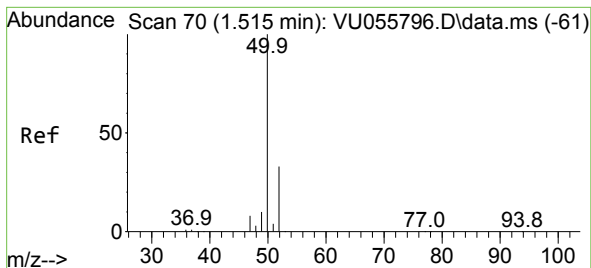
Tgt Ion: 96	Resp: 40742
Ion Ratio	Lower Upper
96 100	
70 21.4	16.5 24.7
95 9.3	7.4 11.0
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.678 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 85	Resp: 9202
Ion Ratio	Lower Upper
85 100	
87 33.4	16.2 48.6





#3

Chloromethane

Concen: 0.715 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

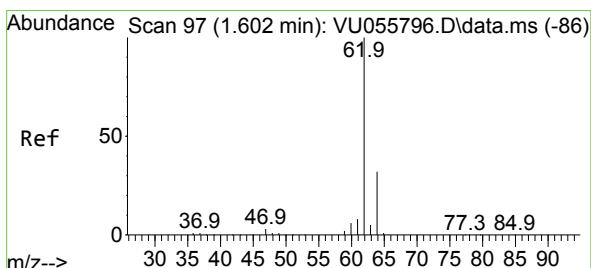
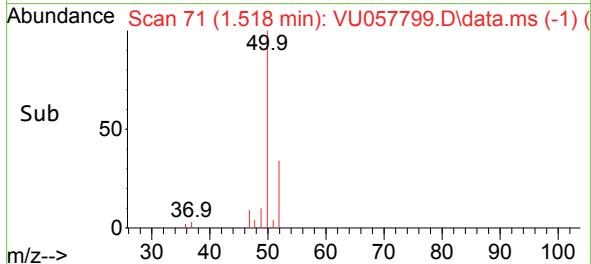
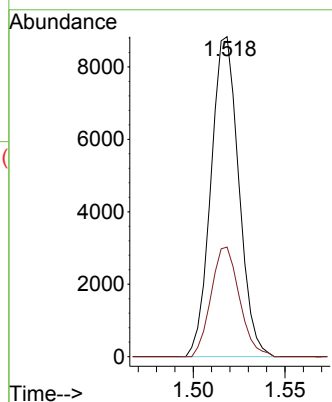
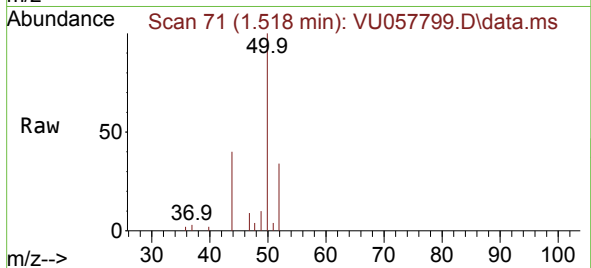
MDL-WATER-03-QT1-2024

Tgt Ion: 50 Resp: 9309

Ion Ratio Lower Upper

50 100

52 34.3 26.6 40.0



#4

Vinyl Chloride

Concen: 0.698 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU057799.D

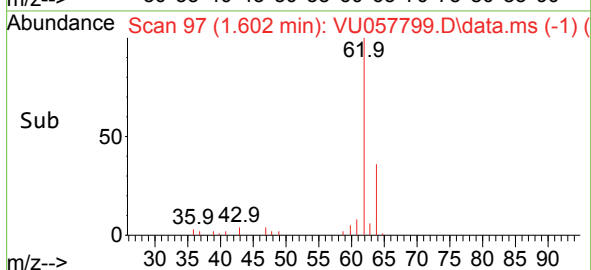
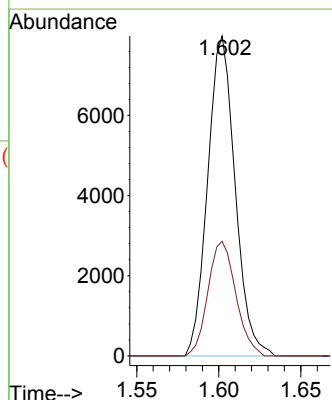
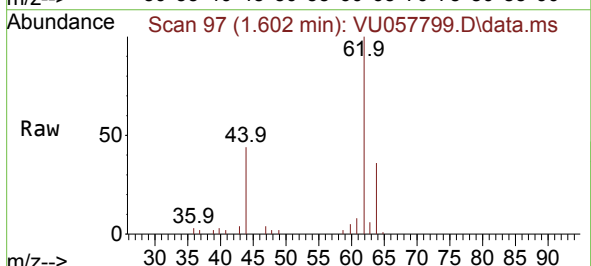
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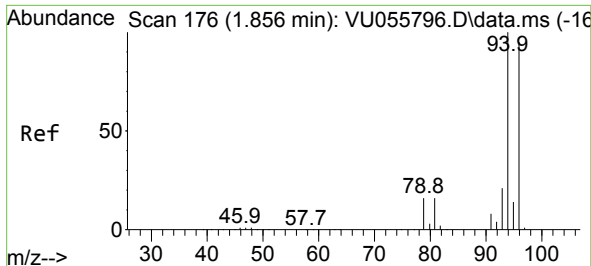
Tgt Ion: 62 Resp: 9268

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2

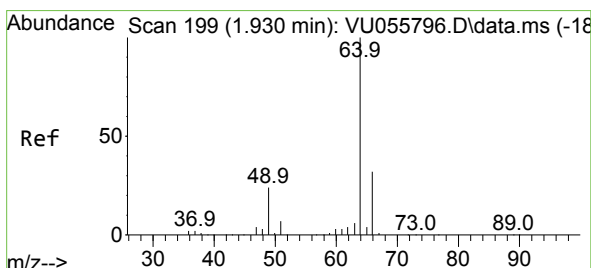
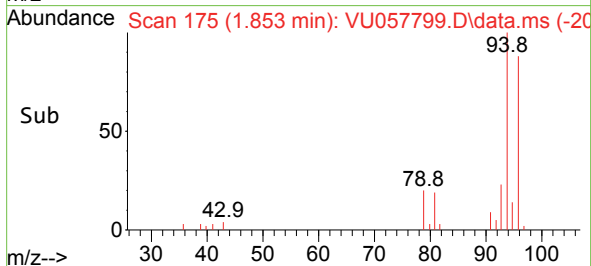
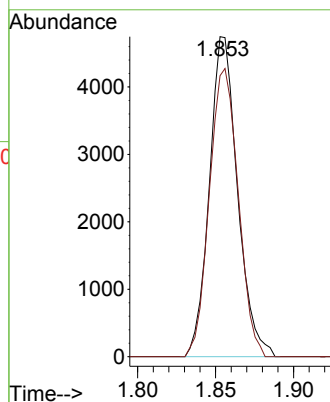
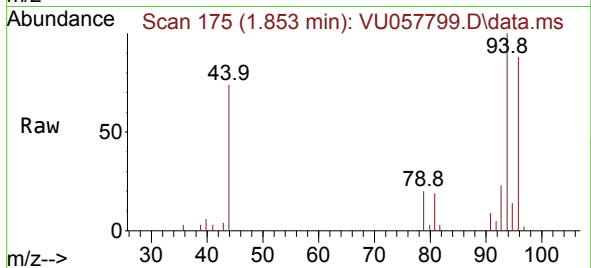




#5
Bromomethane
Concen: 0.756 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

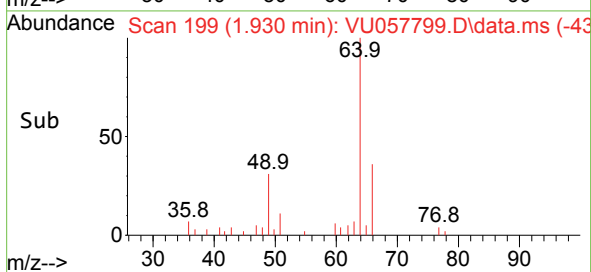
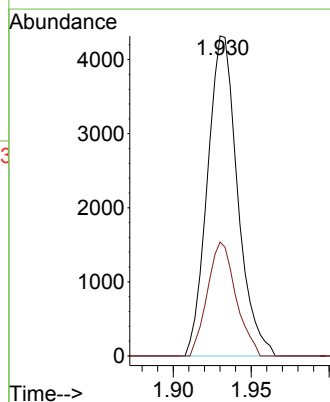
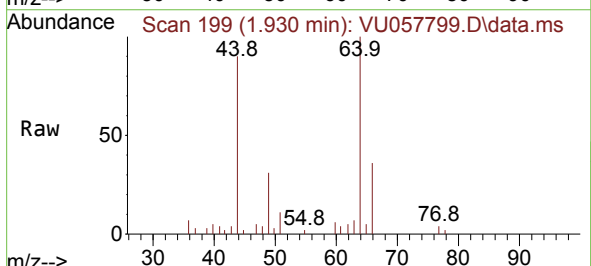
Instrument :
MSVOA_U
ClientSampleId :
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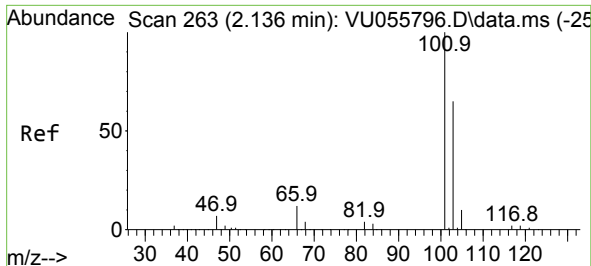
Tgt Ion: 94 Resp: 5956
Ion Ratio Lower Upper
94 100
96 77.3 75.4 113.2



#6
Chloroethane
Concen: 0.691 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 64 Resp: 5794
Ion Ratio Lower Upper
64 100
66 35.6 26.0 39.0

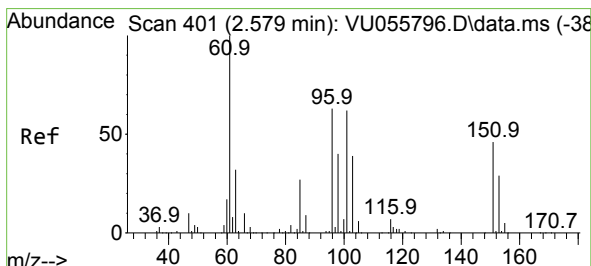
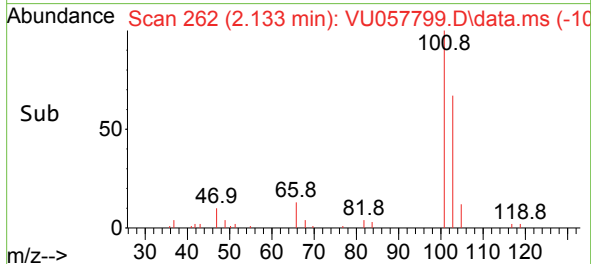
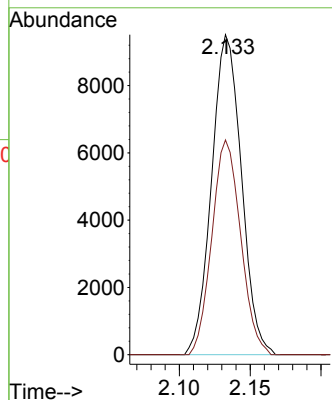
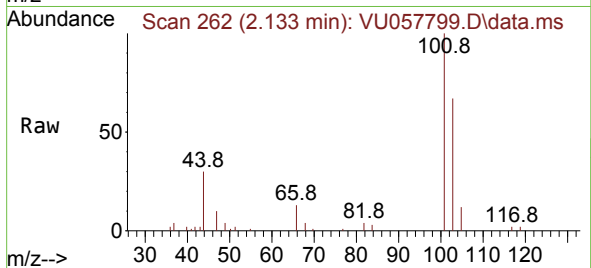




#7
Trichlorofluoromethane
Concen: 0.685 ug/l
RT: 2.133 min Scan# 213
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

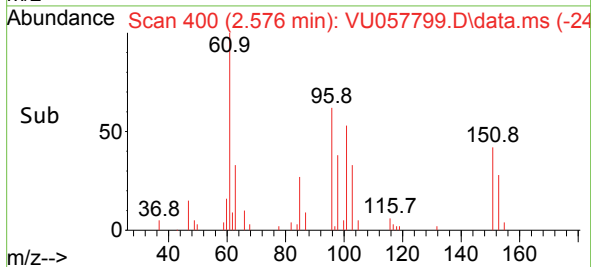
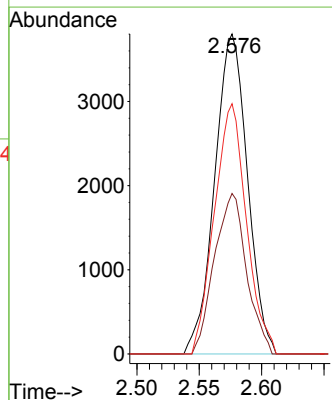
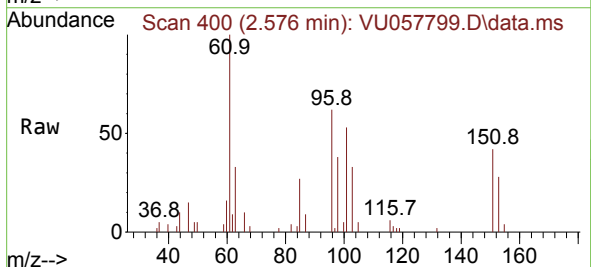
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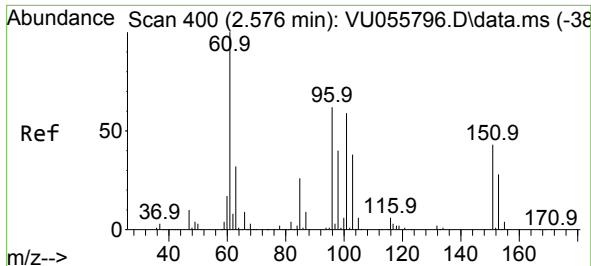
Tgt Ion:101 Resp: 13932
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.667 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:101 Resp: 6970
Ion Ratio Lower Upper
101 100
85 49.2 35.4 53.0
151 76.4 54.0 81.0

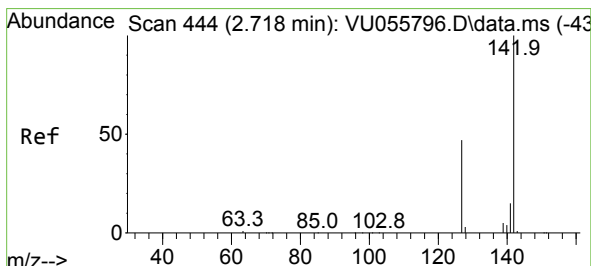
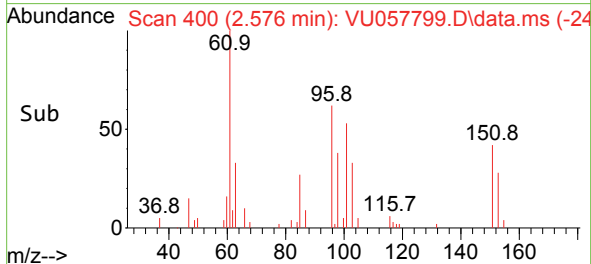
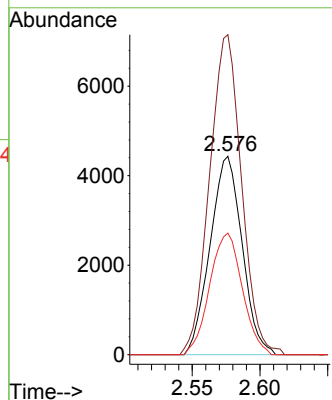
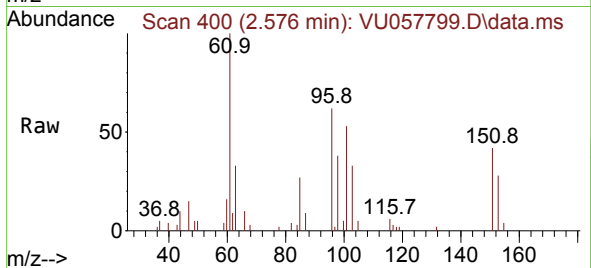




#9
1,1-Dichloroethene
Concen: 0.719 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

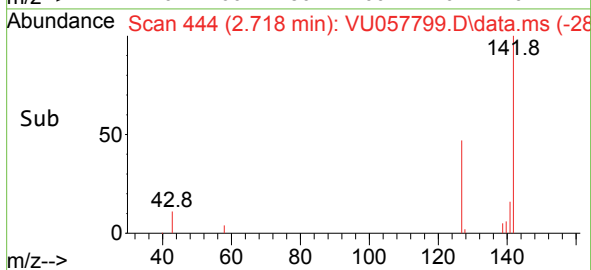
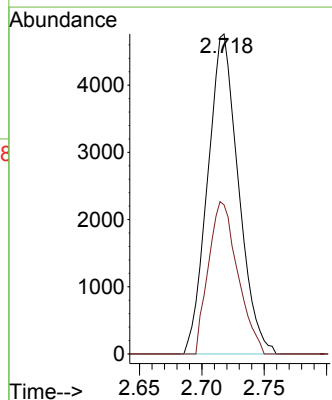
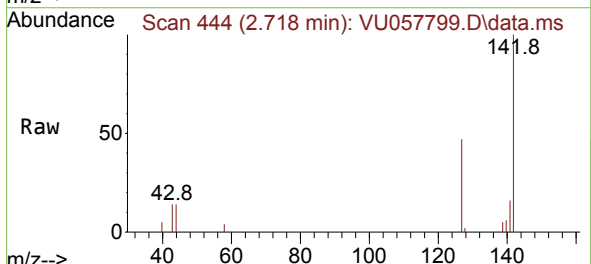
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

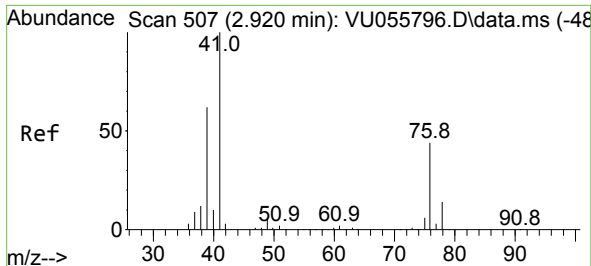
Tgt Ion: 96 Resp: 7283
Ion Ratio Lower Upper
96 100
61 161.2 0.0 521.4
98 61.3 0.0 125.8



#10
Iodomethane
Concen: 0.680 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 142 Resp: 8172
Ion Ratio Lower Upper
142 100
127 45.2 35.9 53.9





#11

Allyl Chloride

Concen: 0.721 ug/l

RT: 2.917 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

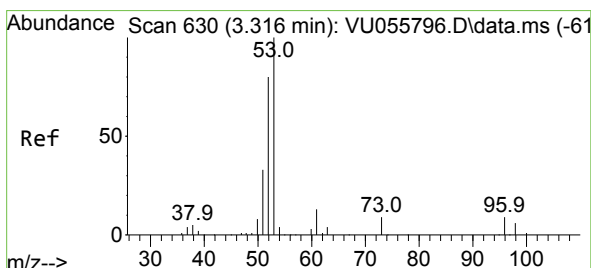
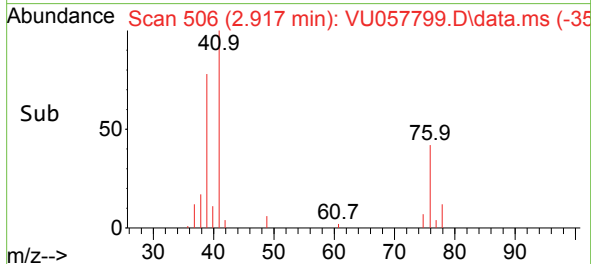
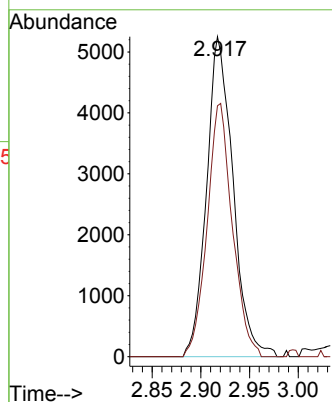
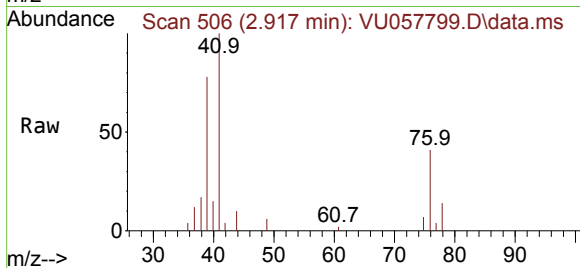
MDL-WATER-03-QT1-2024

Tgt Ion: 41 Resp: 9907

Ion Ratio Lower Upper

41 100

39 75.5 54.2 81.2



#12

Acrylonitrile

Concen: 0.885 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.029 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

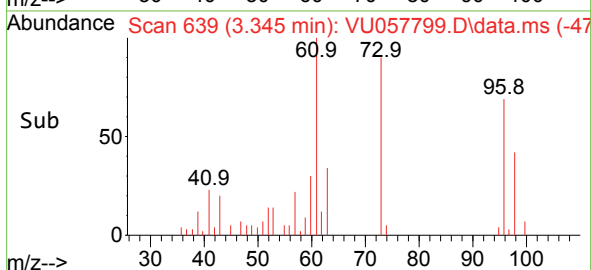
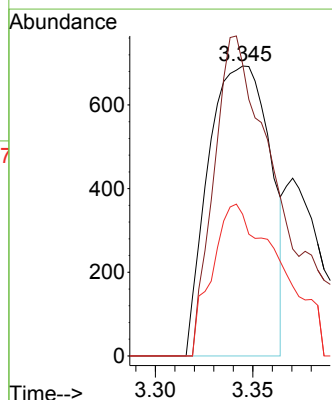
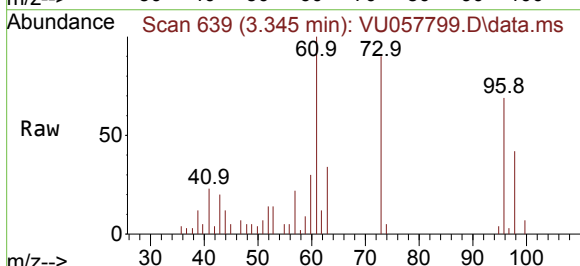
Tgt Ion: 53 Resp: 1530

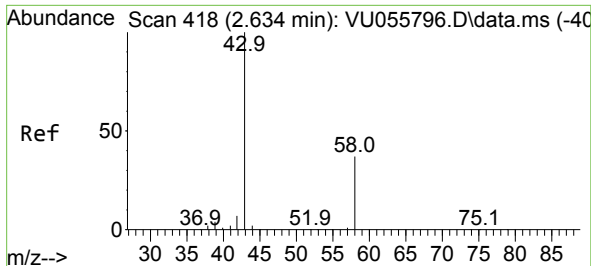
Ion Ratio Lower Upper

53 100

52 119.5 62.9 94.3#

51 58.4 27.8 41.6#





#13

Acetone

Concen: 3.307 ug/l

RT: 2.647 min Scan# 418

Delta R.T. 0.013 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

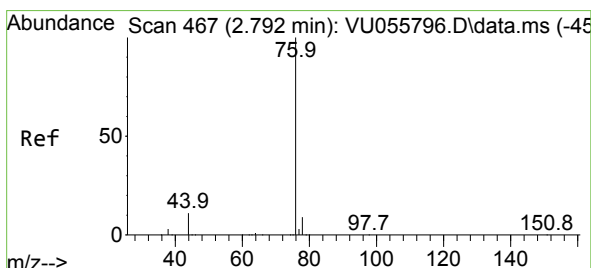
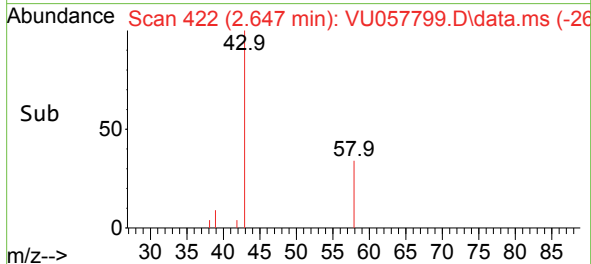
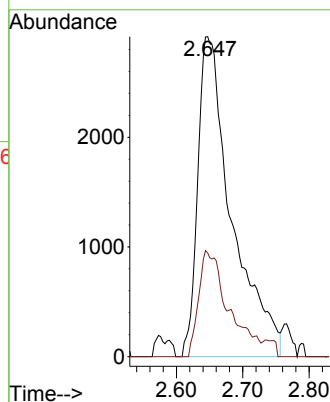
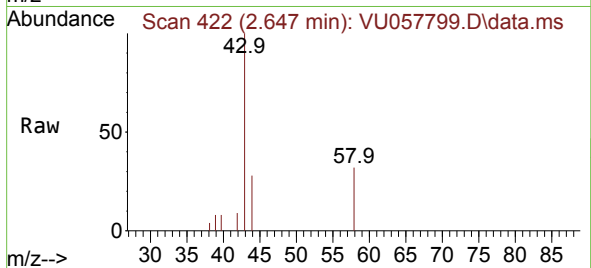
MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 10343

Ion Ratio Lower Upper

43 100

58 32.4 29.0 43.4



#14

Carbon Disulfide

Concen: 0.686 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057799.D

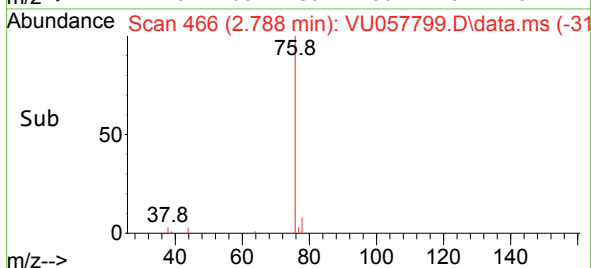
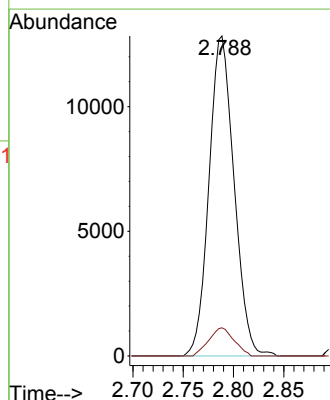
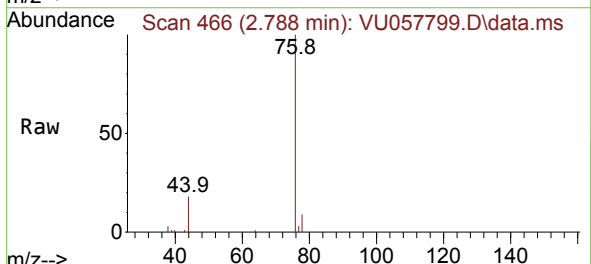
Acq: 02 Feb 2024 18:06

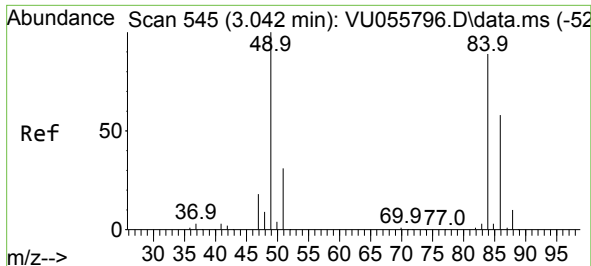
Tgt Ion: 76 Resp: 22232

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

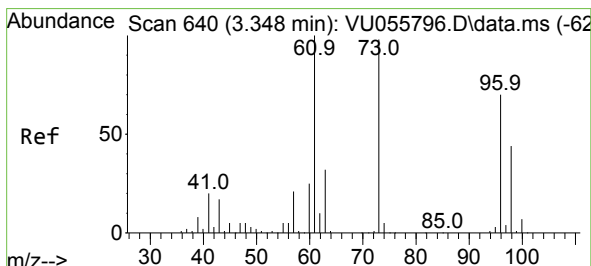
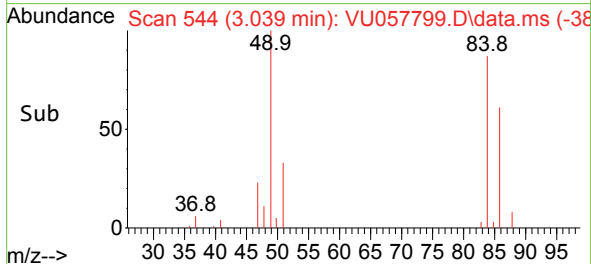
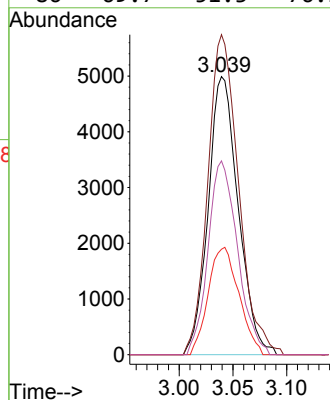
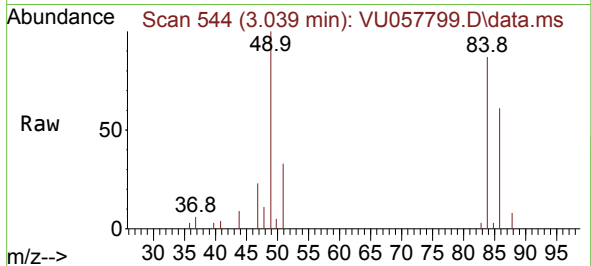




#15
Methylene Chloride
Concen: 0.803 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

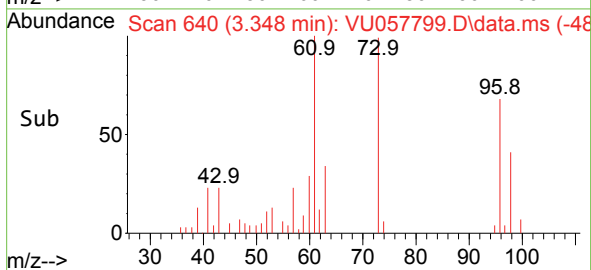
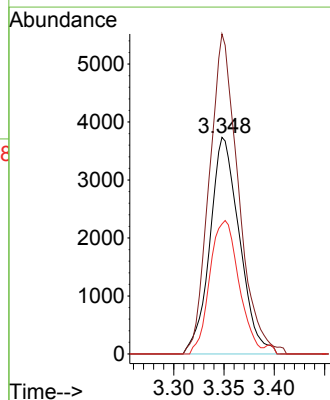
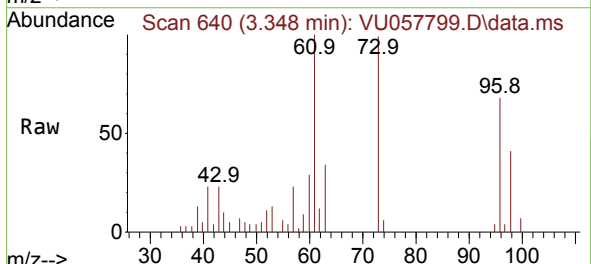
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

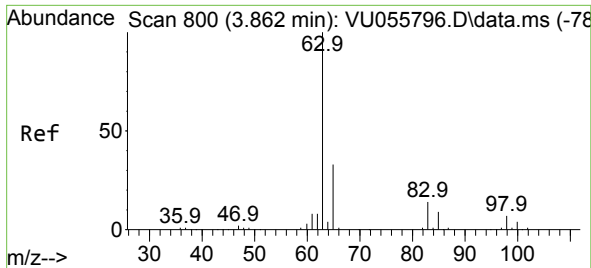
Tgt Ion:	84	Resp:	9708
Ion	Ratio	Lower	Upper
84	100		
49	115.1	98.9	148.3
51	37.9	0.0	75.4
86	69.7	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.690 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	96	Resp:	7624
Ion	Ratio	Lower	Upper
96	100		
61	140.1	117.5	176.3
98	56.9	48.3	72.5

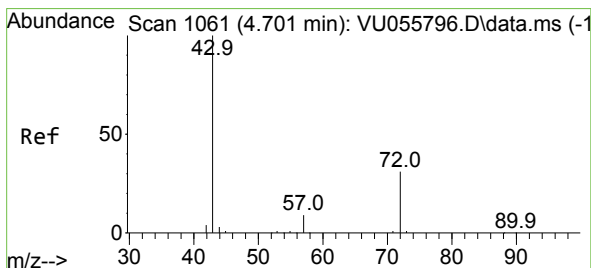
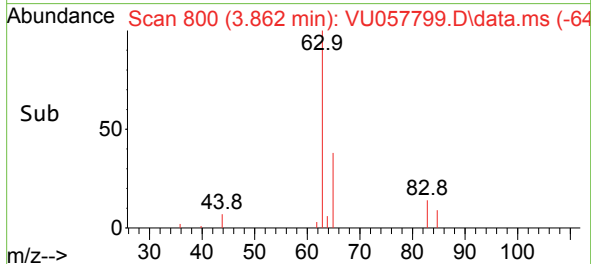
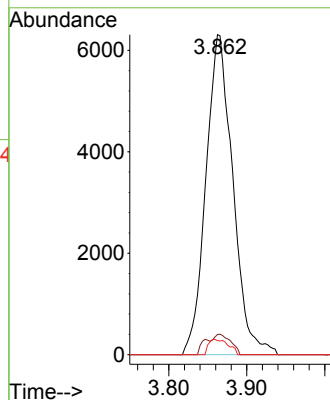
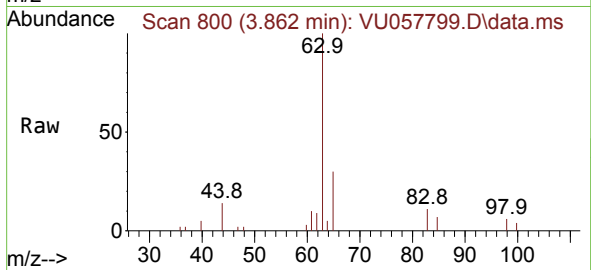




#17
1,1-Dichloroethane
Concen: 0.727 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

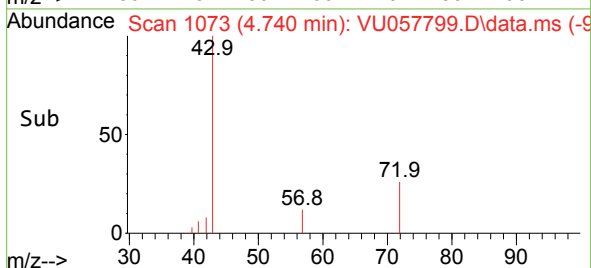
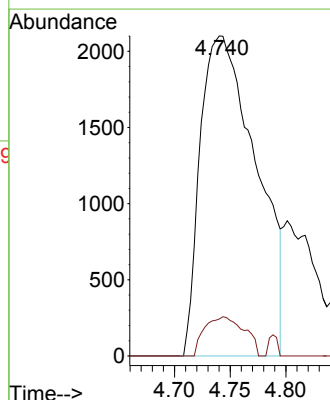
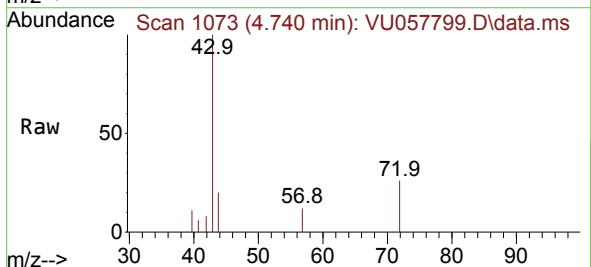
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

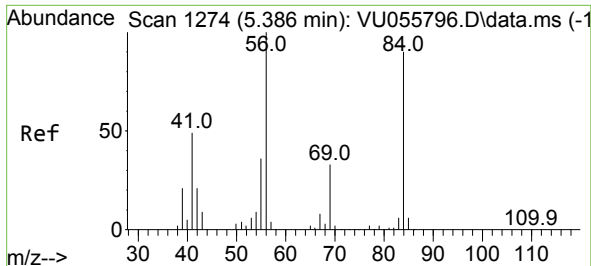
Tgt Ion: 63 Resp: 15169
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 4.4 2.2 6.6



#18
2-Butanone
Concen: 2.177 ug/l
RT: 4.740 min Scan# 1073
Delta R.T. 0.039 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 43 Resp: 7337
Ion Ratio Lower Upper
43 100
57 11.6 0.0 19.6

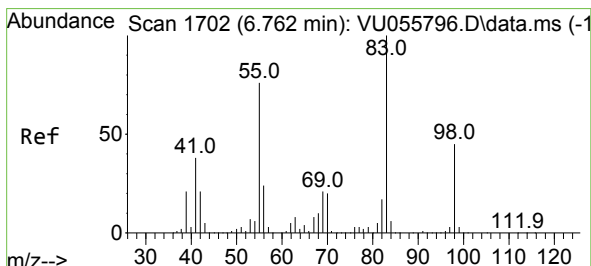
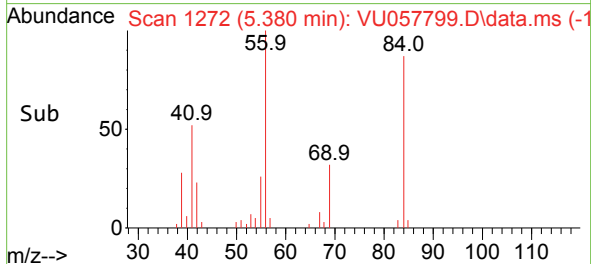
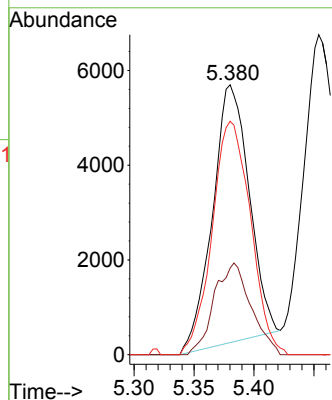
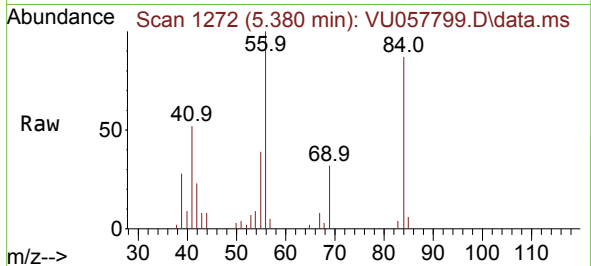




#19
Cyclohexane
Concen: 0.708 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

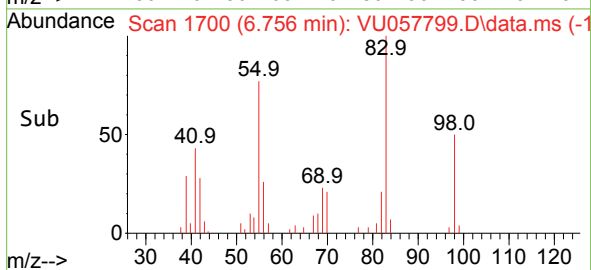
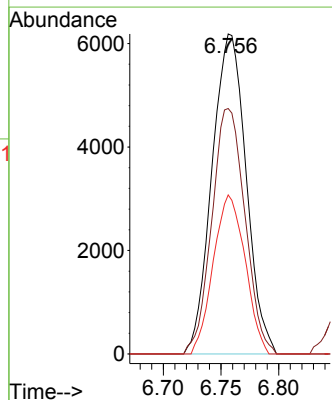
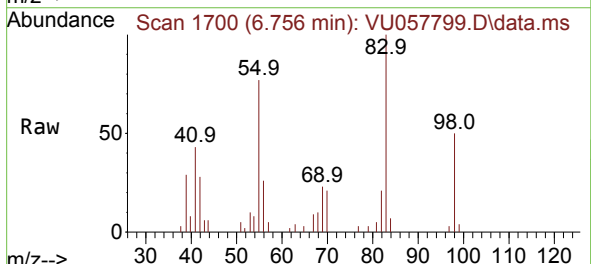
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

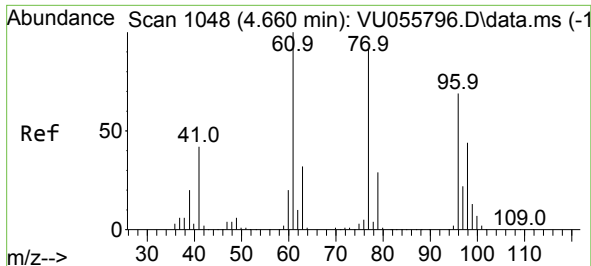
Tgt Ion:	56	Resp:	11575
Ion	Ratio	Lower	Upper
56	100		
69	35.7	24.6	37.0
84	94.9	68.4	102.6



#20
Methylcyclohexane
Concen: 0.644 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	83	Resp:	12719
Ion	Ratio	Lower	Upper
83	100		
55	74.5	63.5	95.3
98	46.3	36.0	54.0

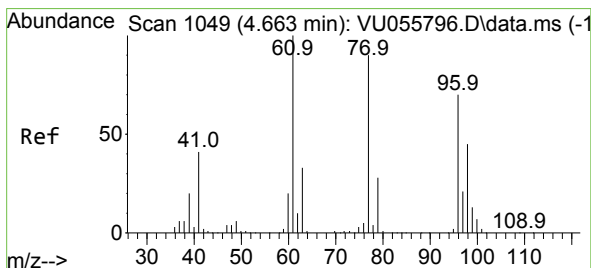
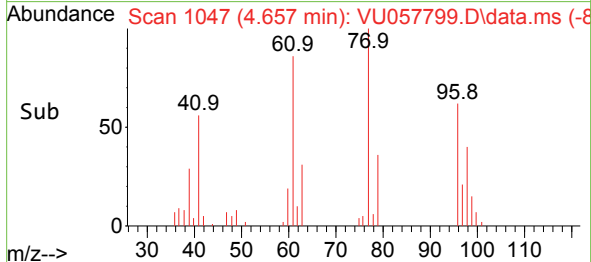
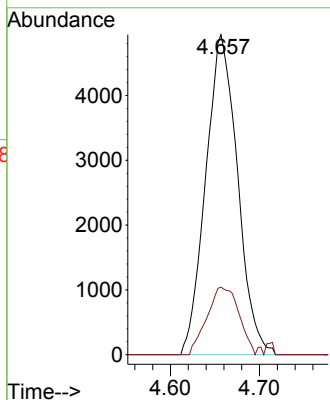
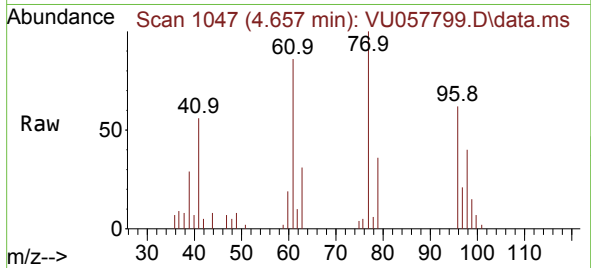




#21
2,2-Dichloropropane
Concen: 0.662 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

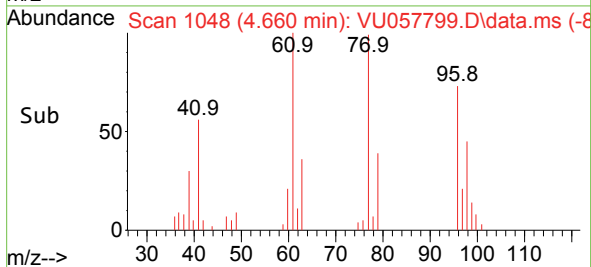
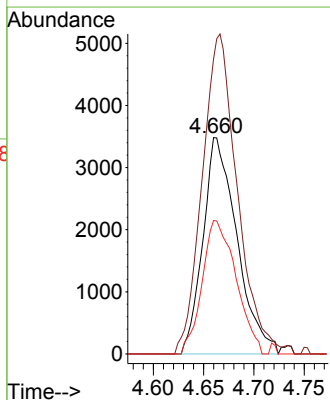
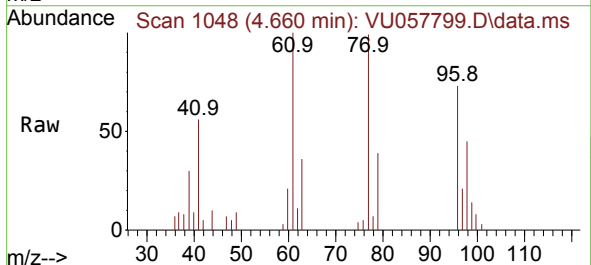
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

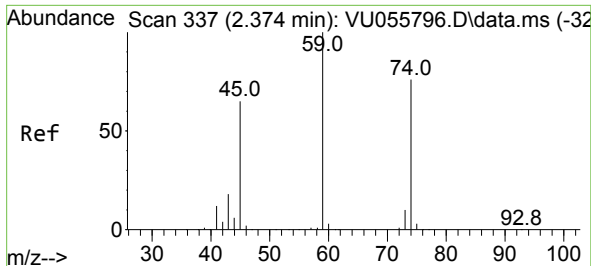
Tgt Ion: 77 Resp: 12262
Ion Ratio Lower Upper
77 100
97 21.2 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 0.676 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 96 Resp: 8181
Ion Ratio Lower Upper
96 100
61 152.1 0.0 365.8
98 61.4 32.0 96.0





#23

Diethyl Ether

Concen: 0.689 ug/l

RT: 2.374 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

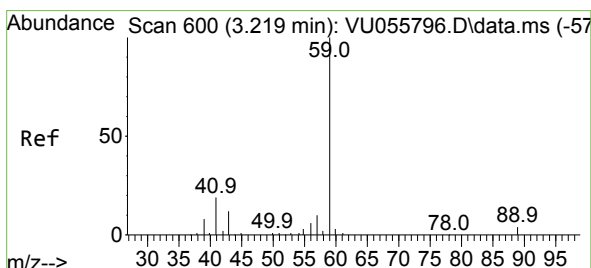
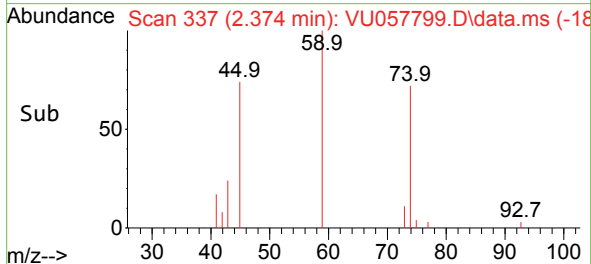
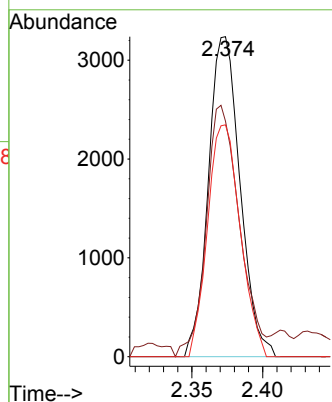
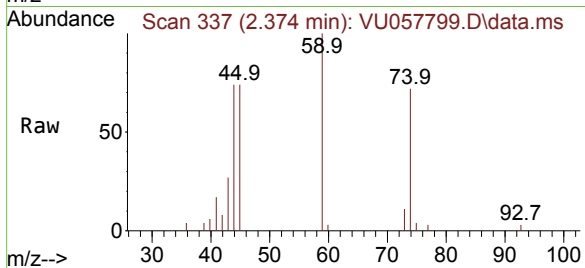
Tgt Ion: 59 Resp: 5036

Ion Ratio Lower Upper

59 100

45 82.2 56.1 84.1

74 74.5 57.4 86.2



#24

tert-Butyl Alcohol

Concen: 1.680 ug/l

RT: 3.251 min Scan# 610

Delta R.T. 0.032 min

Lab File: VU057799.D

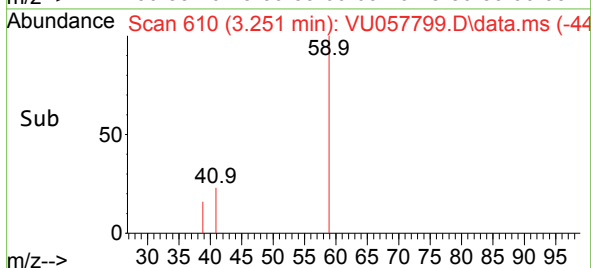
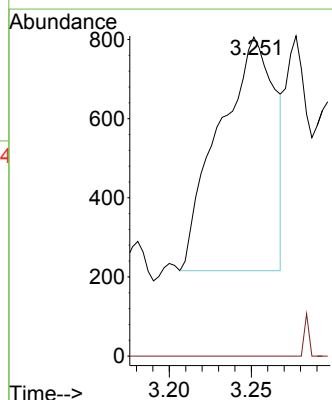
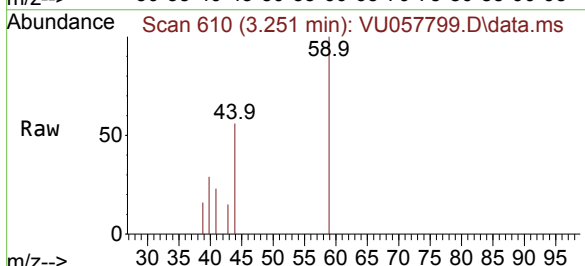
Acq: 02 Feb 2024 18:06

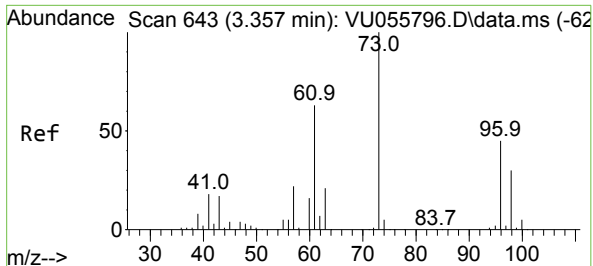
Tgt Ion: 59 Resp: 1396

Ion Ratio Lower Upper

59 100

57 0.0 105.6 158.4#

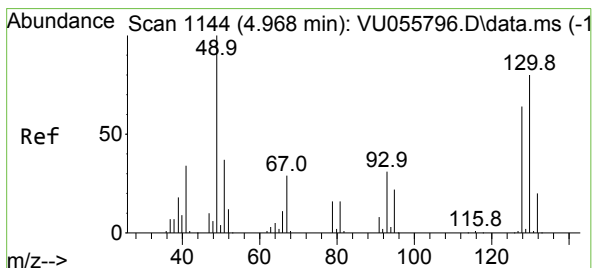
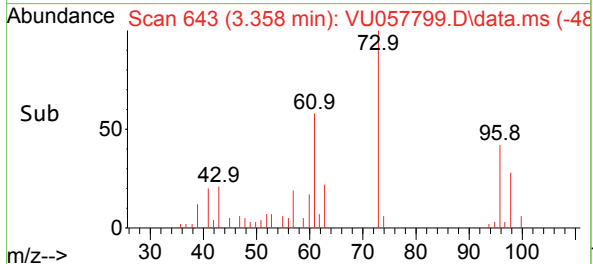
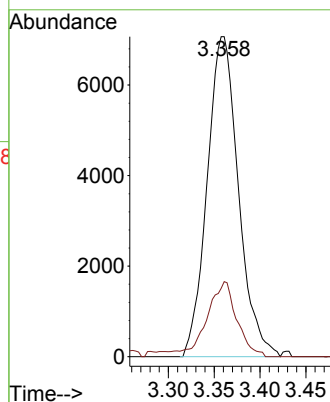
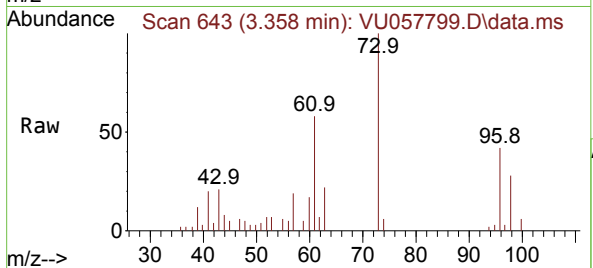




#25
Methyl tert-Butyl Ether
Concen: 0.707 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

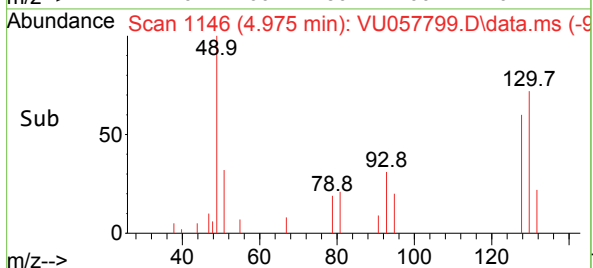
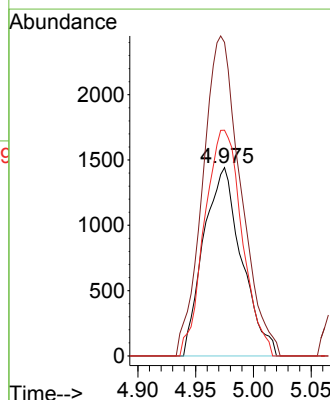
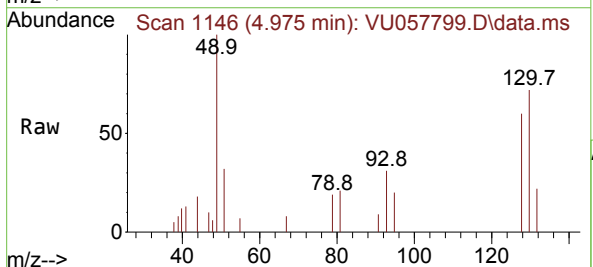
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

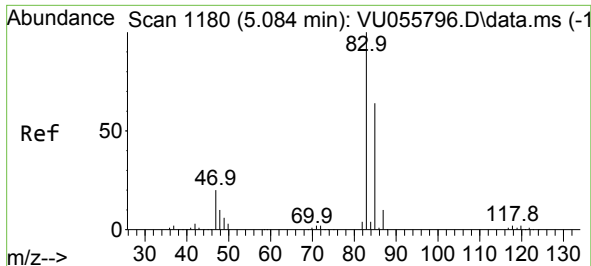
Tgt Ion: 73 Resp: 16797
Ion Ratio Lower Upper
73 100
43 22.0 15.0 22.6



#26
Bromochloromethane
Concen: 0.680 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 128 Resp: 3307
Ion Ratio Lower Upper
128 100
49 169.7 0.0 324.6
130 118.4 103.0 154.4





#27

Chloroform

Concen: 0.732 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

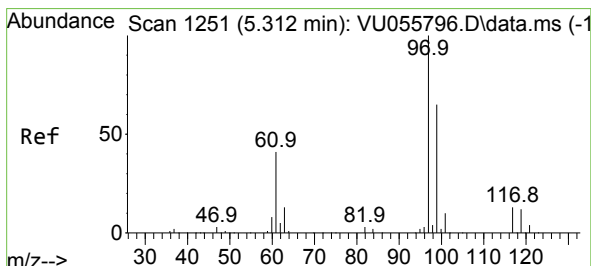
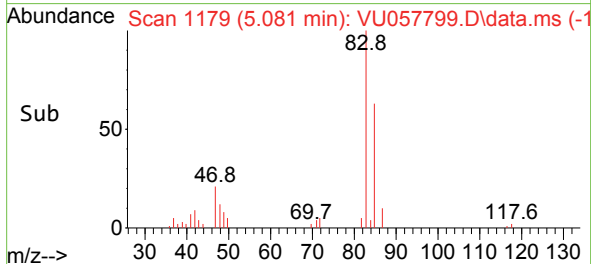
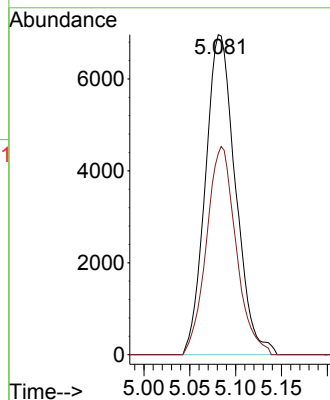
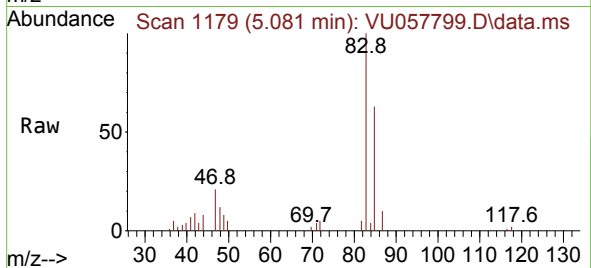
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 15890

Ion Ratio Lower Upper

83 100

85 62.9 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.715 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

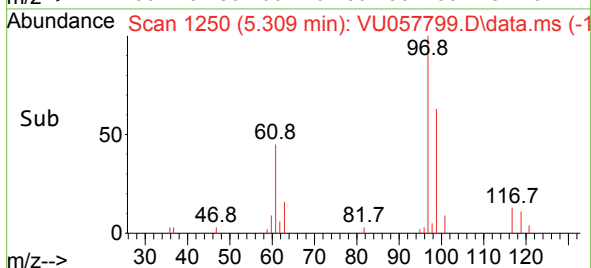
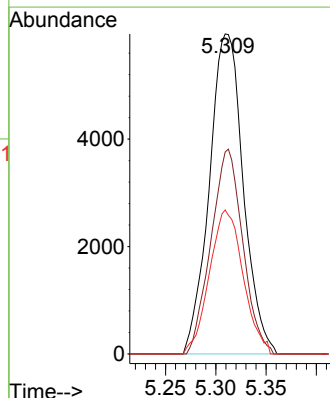
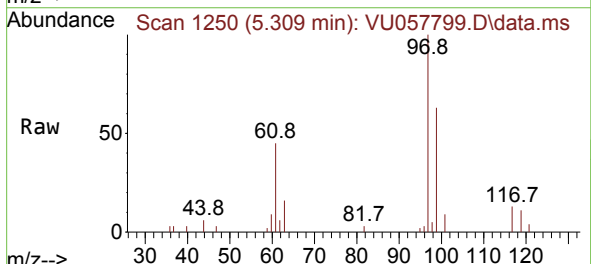
Tgt Ion: 97 Resp: 14011

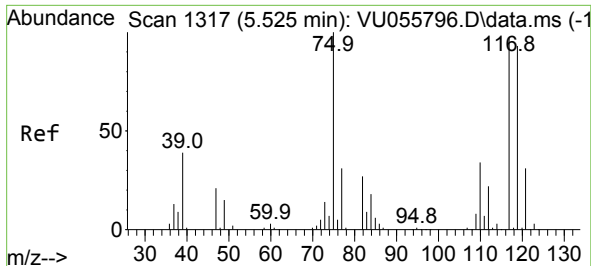
Ion Ratio Lower Upper

97 100

99 59.9 32.0 96.2

61 44.6 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.700 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

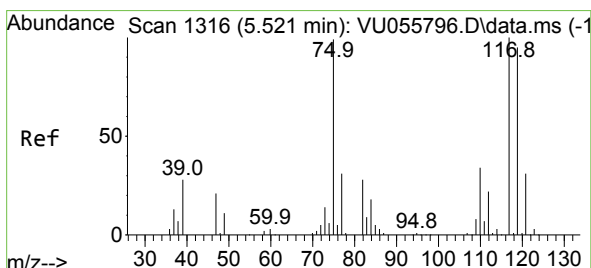
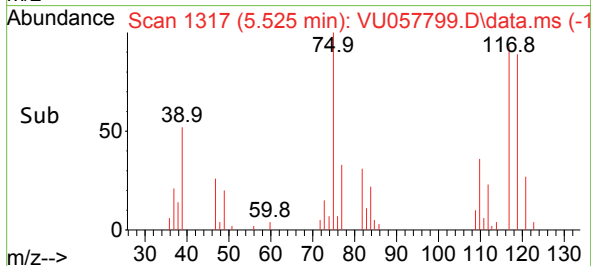
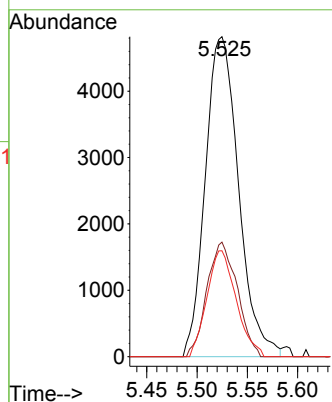
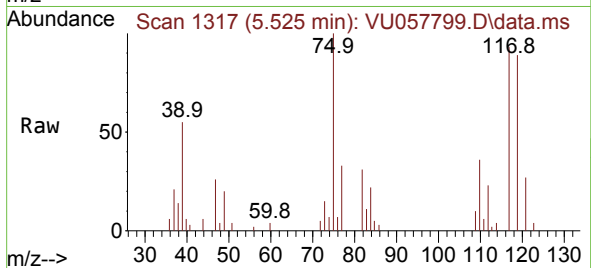
Tgt Ion: 75 Resp: 11096

Ion Ratio Lower Upper

75 100

110 32.6 18.0 54.0

77 29.1 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.657 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

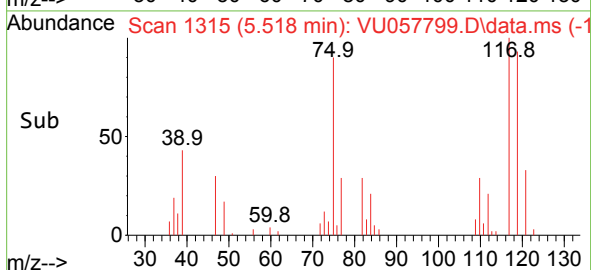
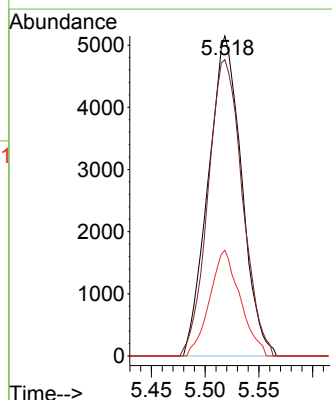
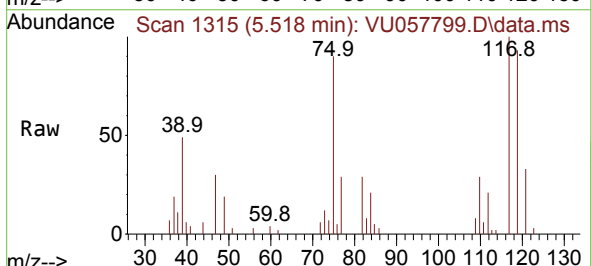
Tgt Ion: 117 Resp: 11089

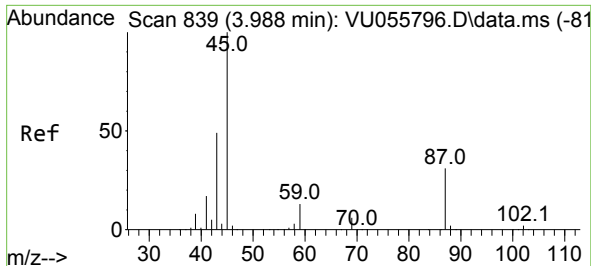
Ion Ratio Lower Upper

117 100

119 92.6 77.4 116.0

121 33.1 24.0 36.0

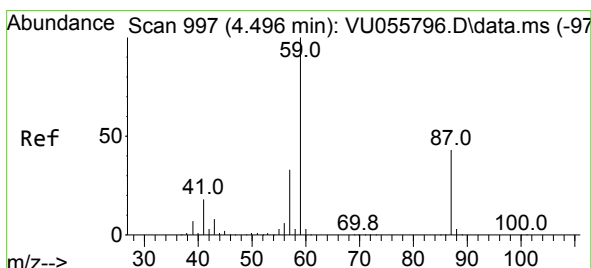
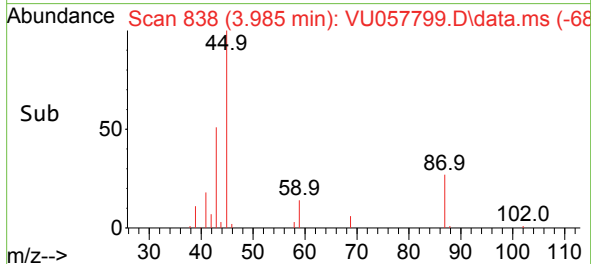
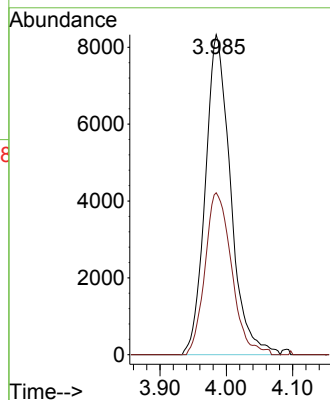
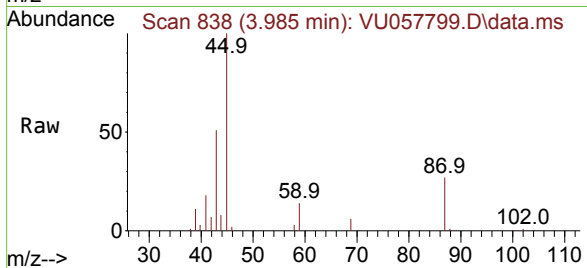




#31
Isopropyl Ether
Concen: 0.721 ug/l
RT: 3.985 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

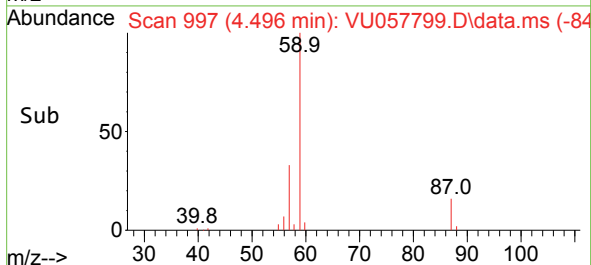
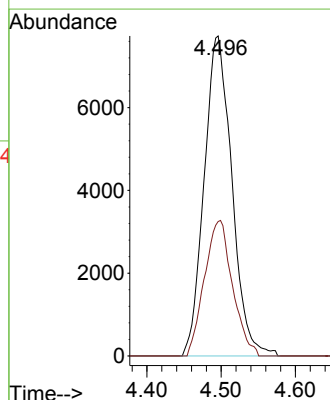
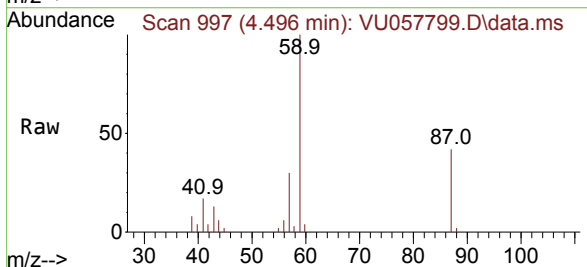
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

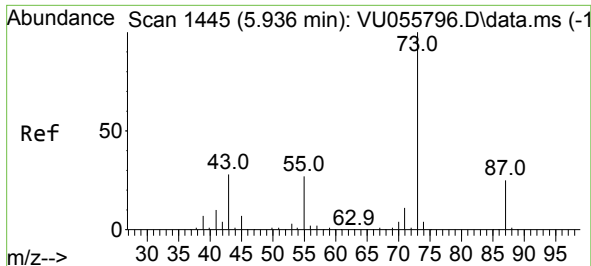
Tgt Ion: 45 Resp: 22027
Ion Ratio Lower Upper
45 100
43 53.3 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.708 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 59 Resp: 20062
Ion Ratio Lower Upper
59 100
87 42.8 33.5 50.3

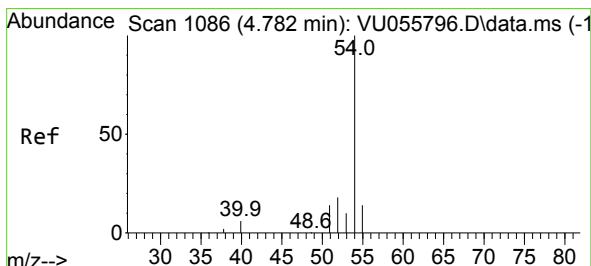
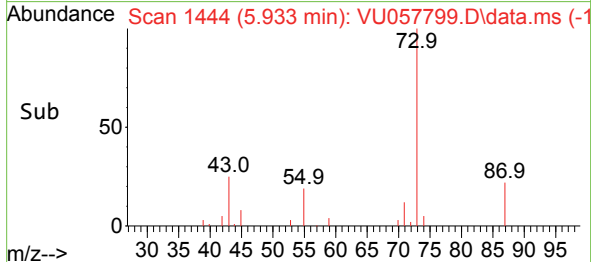
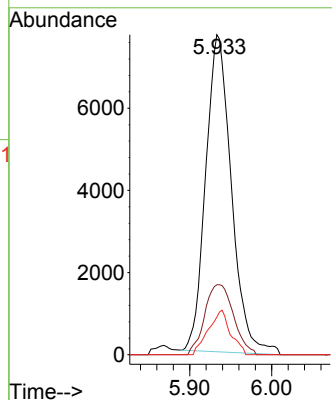
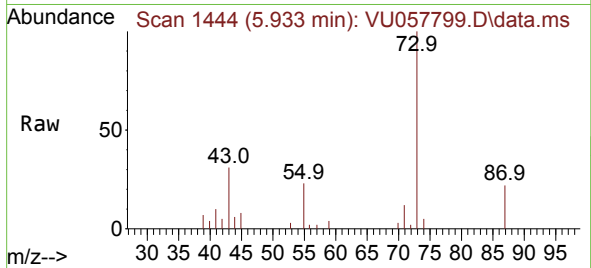




#33
Tert-Amyl methyl ether
Concen: 0.706 ug/l
RT: 5.933 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

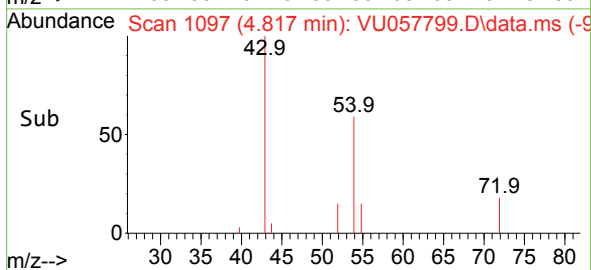
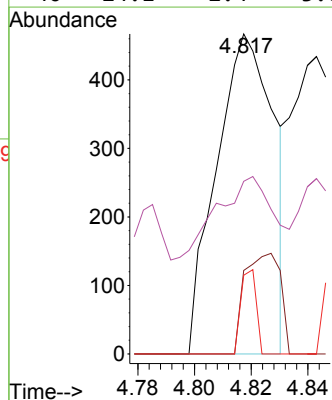
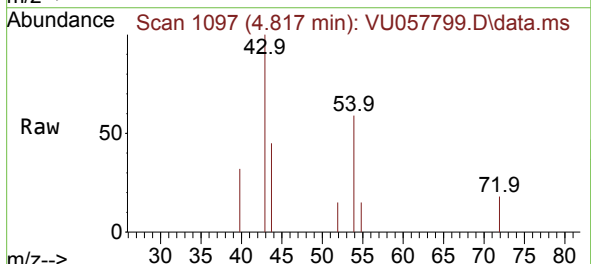
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

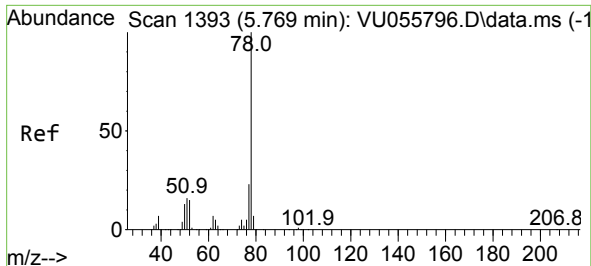
Tgt Ion: 73	Resp: 16865
Ion Ratio	Lower Upper
73	100
87	24.7 18.6 28.0
71	12.0 9.9 14.9



#34
Propionitrile
Concen: 0.933 ug/l
RT: 4.817 min Scan# 1097
Delta R.T. 0.035 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 54	Resp: 652
Ion Ratio	Lower Upper
54	100
52	19.6 17.4 26.0
55	0.0 104.1 156.1#
40	24.1 2.4 3.6#

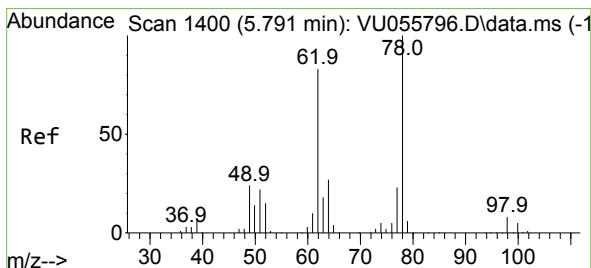
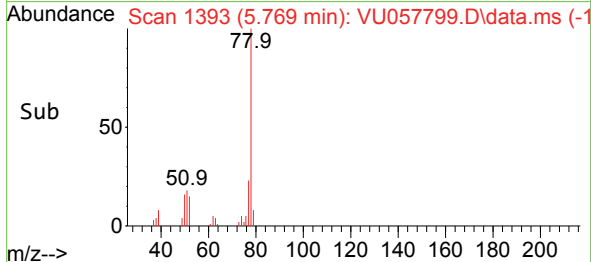
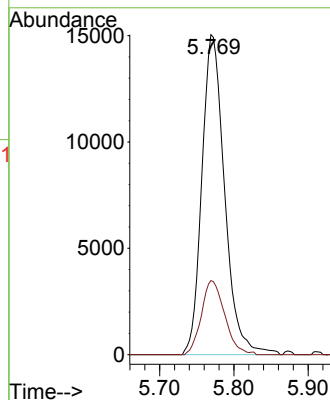
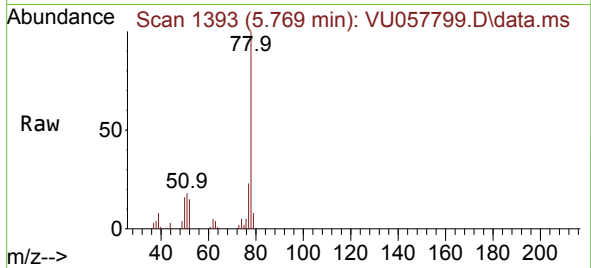




#35
Benzene
Concen: 0.702 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

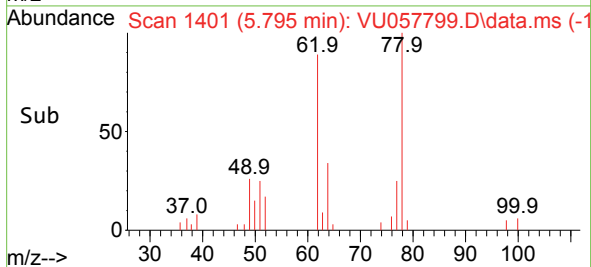
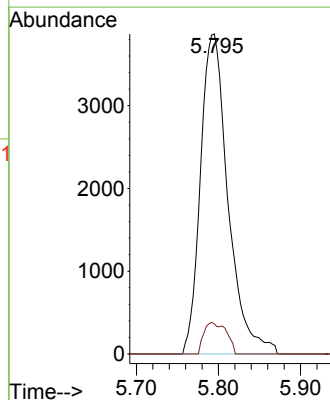
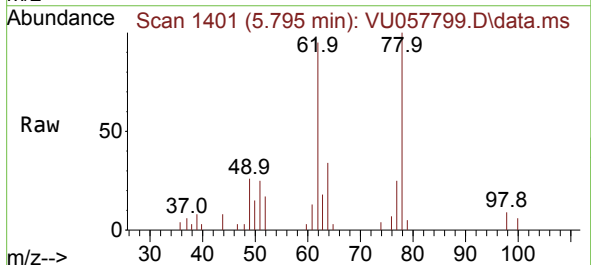
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

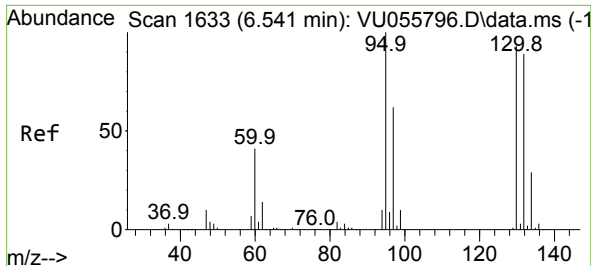
Tgt Ion: 78 Resp: 32032
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.679 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 62 Resp: 9027
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9





#37

Trichloroethene

Concen: 0.672 ug/l

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

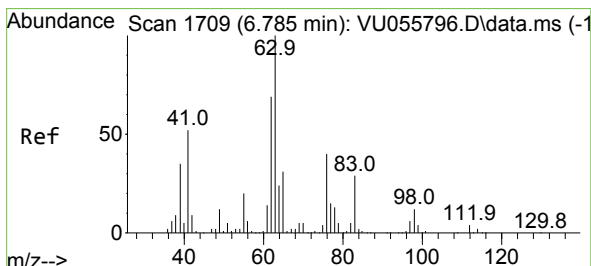
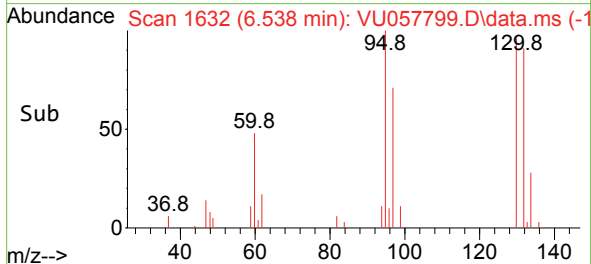
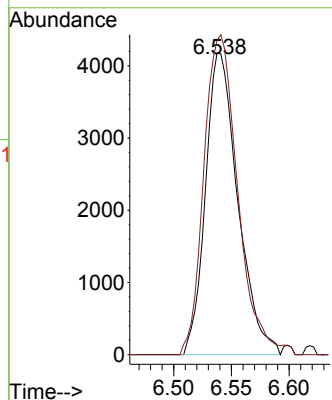
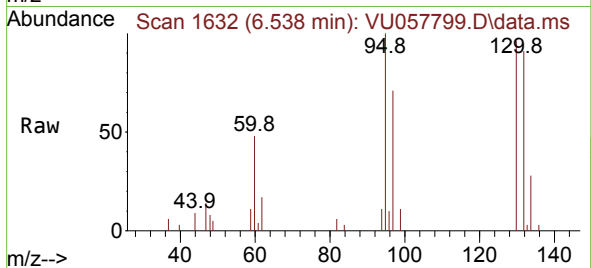
MDL-WATER-03-QT1-2024

Tgt Ion:130 Resp: 8149

Ion Ratio Lower Upper

130 100

95 104.2 85.0 127.6



#38

1,2-Dichloropropane

Concen: 0.696 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU057799.D

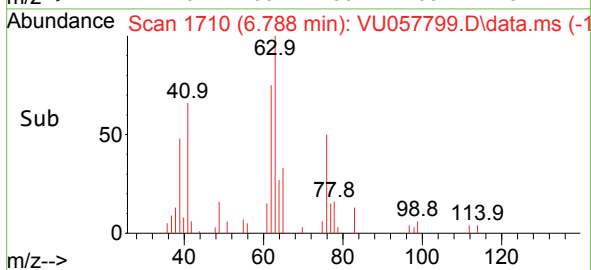
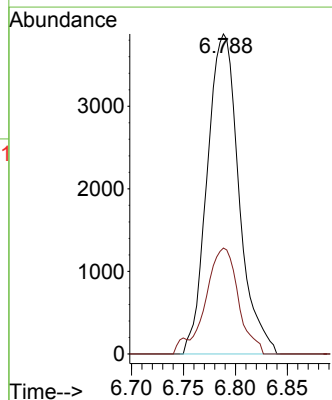
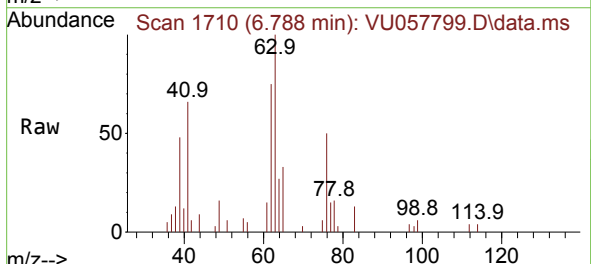
Acq: 02 Feb 2024 18:06

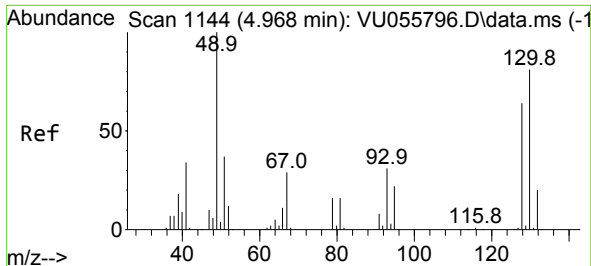
Tgt Ion: 63 Resp: 8233

Ion Ratio Lower Upper

63 100

65 33.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.213 ug/l

RT: 4.985 min Scan# 1114

Delta R.T. 0.017 min

Lab File: VU057799.D

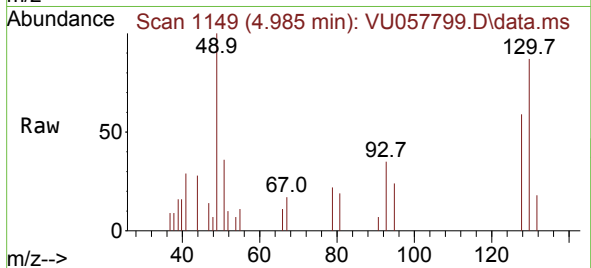
Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 41 Resp: 592

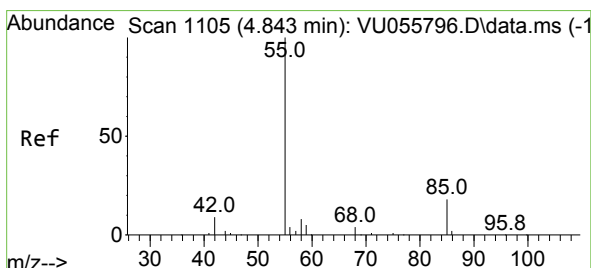
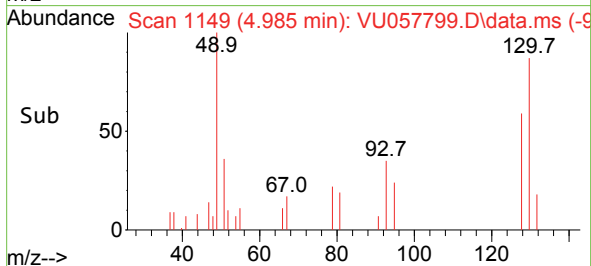
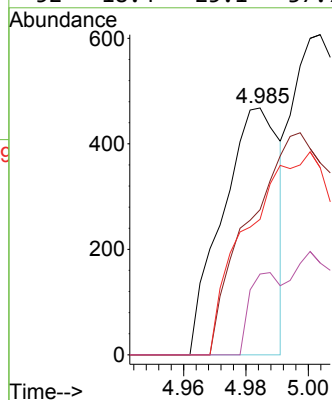
Ion Ratio Lower Upper

41 100

67 0.0 66.8 100.2#

39 0.0 41.2 61.8#

52 18.4 25.1 37.7#



#40

Methyl acrylate

Concen: 0.602 ug/l

RT: 4.872 min Scan# 1114

Delta R.T. 0.029 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion: 55 Resp: 2524

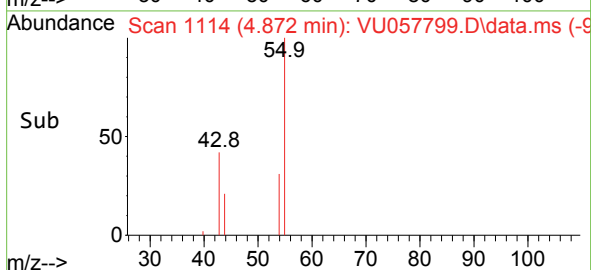
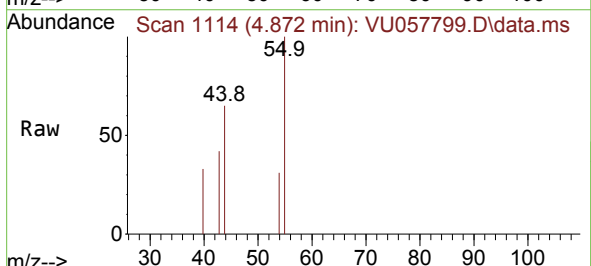
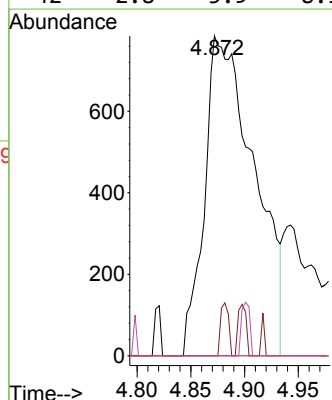
Ion Ratio Lower Upper

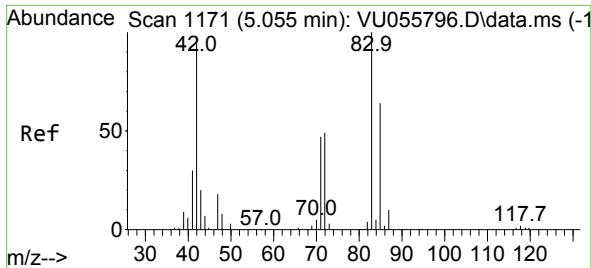
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 2.8 5.9 8.9#

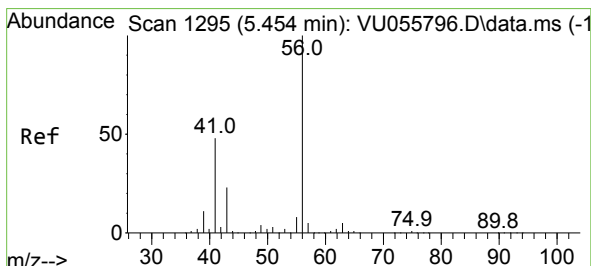
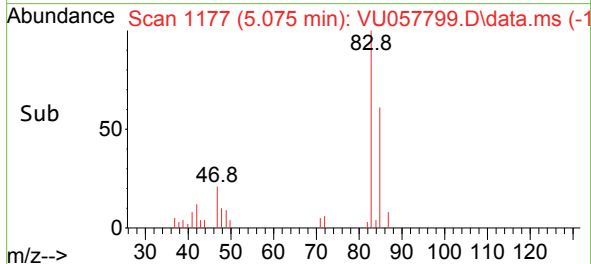
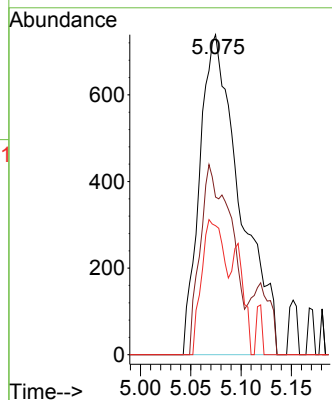
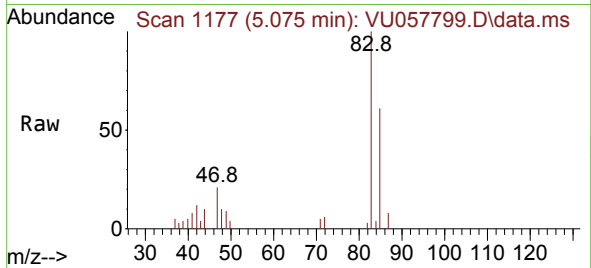




#41
Tetrahydrofuran
Concen: 1.394 ug/l
RT: 5.075 min Scan# 1171
Delta R.T. 0.020 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

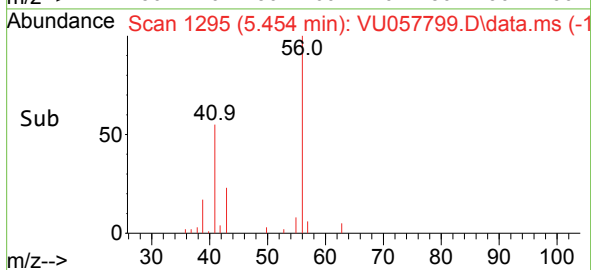
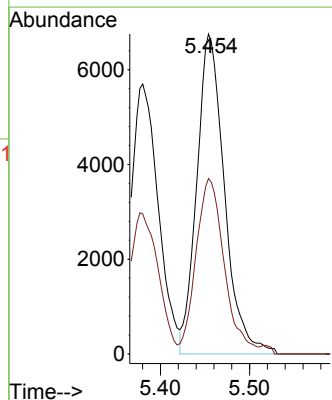
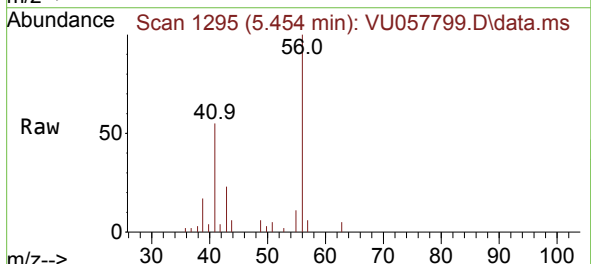
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

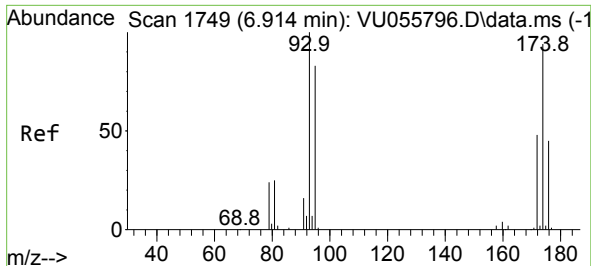
Tgt Ion: 42 Resp: 2073
Ion Ratio Lower Upper
42 100
72 45.6 40.9 61.3
71 23.9 36.9 55.3#



#42
1-Chlorobutane
Concen: 0.696 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 56 Resp: 14549
Ion Ratio Lower Upper
56 100
41 52.1 25.2 75.6





#43

Dibromomethane

Concen: 0.662 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

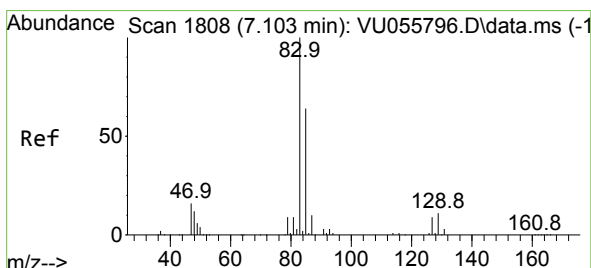
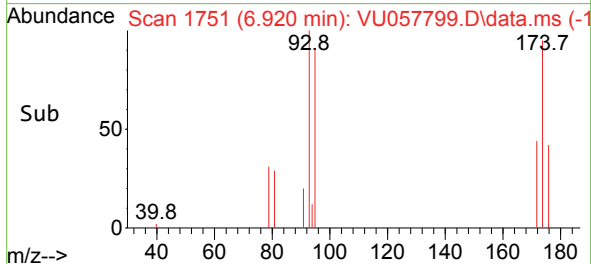
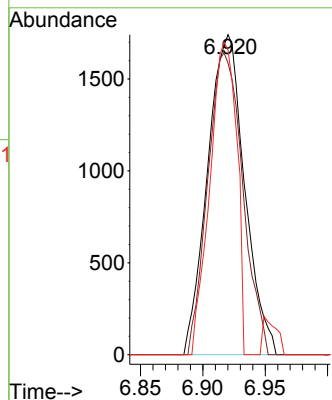
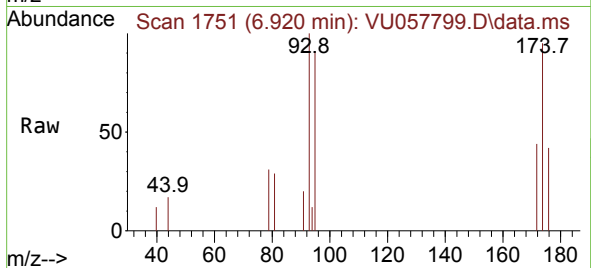
Tgt Ion: 93 Resp: 3600

Ion Ratio Lower Upper

93 100

95 88.9 67.0 100.6

174 70.5 73.8 110.6#



#44

Bromodichloromethane

Concen: 0.659 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

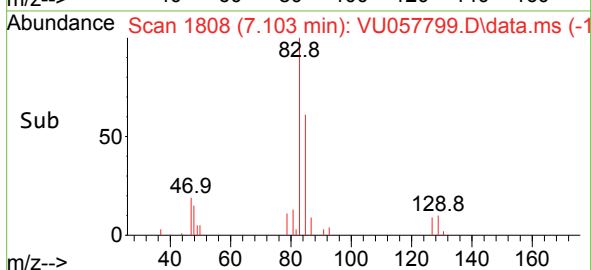
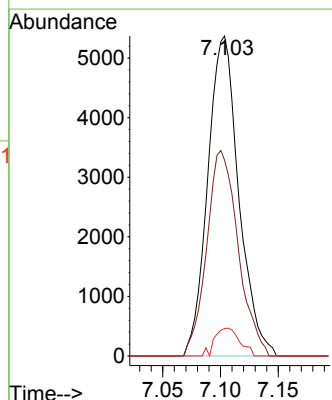
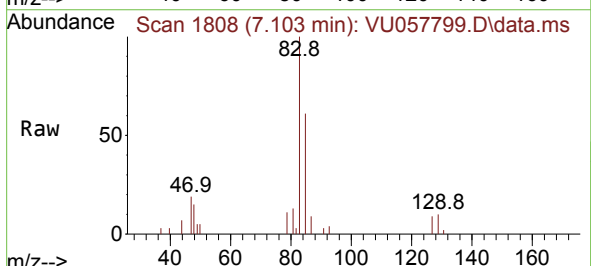
Tgt Ion: 83 Resp: 10034

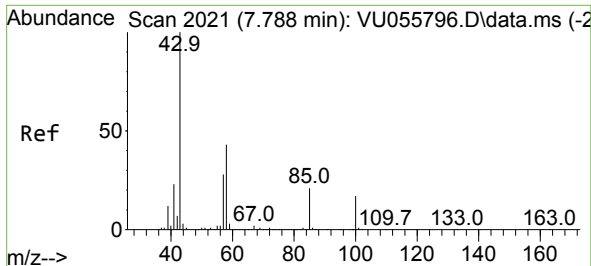
Ion Ratio Lower Upper

83 100

85 61.2 51.9 77.9

127 8.5 6.7 10.1

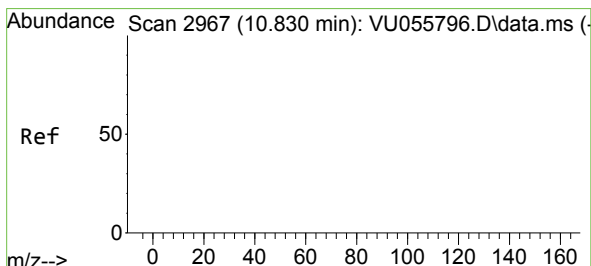
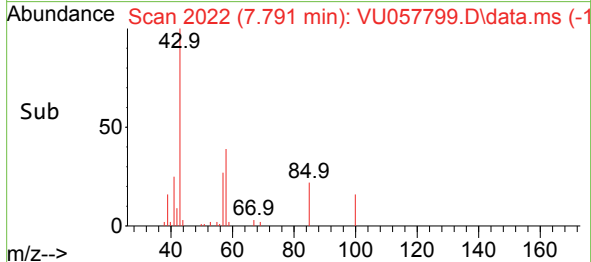
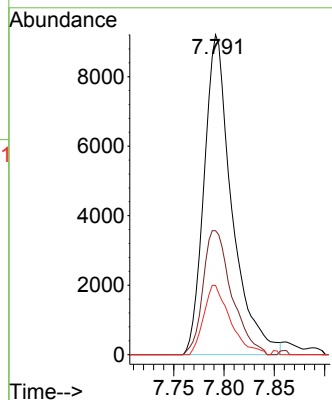
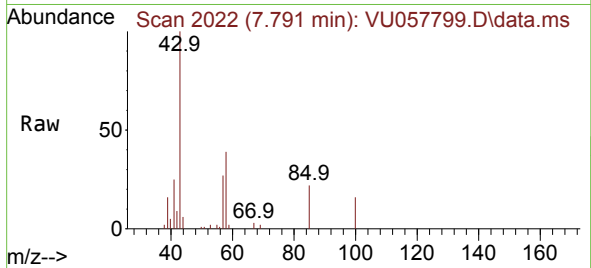




#45
4-Methyl-2-Pentanone
Concen: 3.047 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

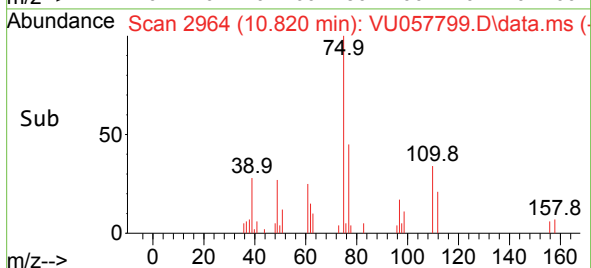
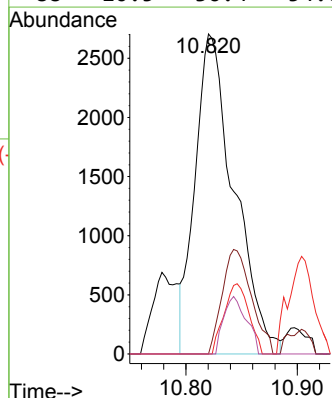
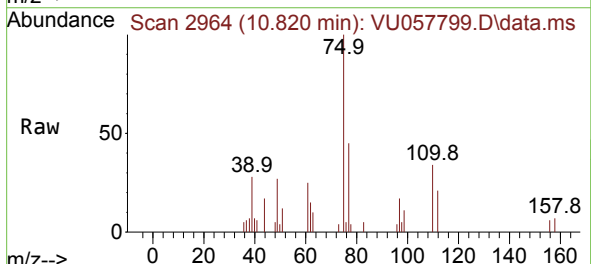
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

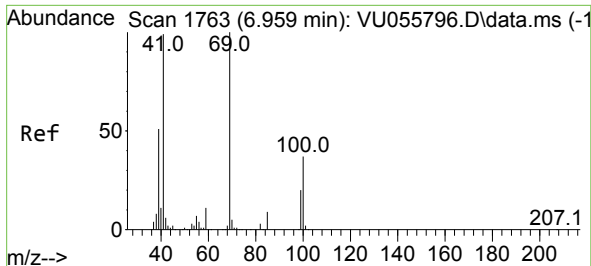
Tgt Ion:	43	Resp:	17671
Ion	Ratio	Lower	Upper
43	100		
58	40.1	20.9	62.8
85	20.7	14.6	21.8



#46
t-1,4-Dichloro-2-butene
Concen: 5.003 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	75	Resp:	6592
Ion	Ratio	Lower	Upper
75	100		
53	24.4	73.3	109.9#
89	13.9	48.2	72.4#
88	10.5	36.4	54.6#

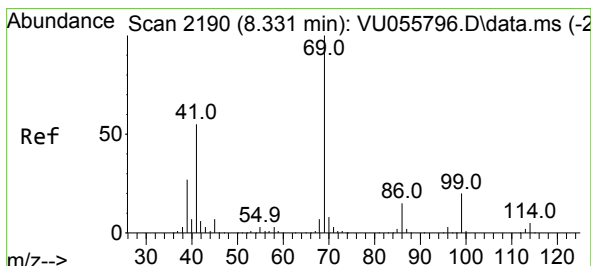
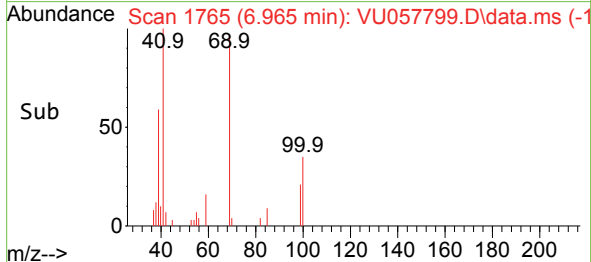
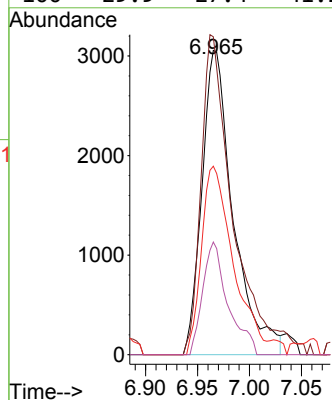
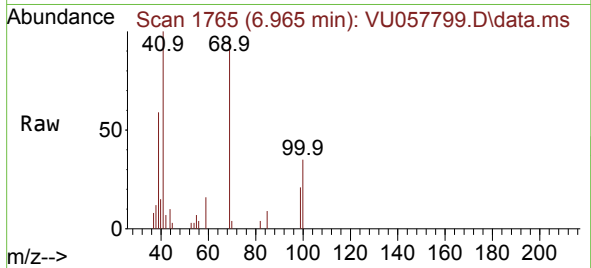




#47
Methyl methacrylate
Concen: 1.333 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

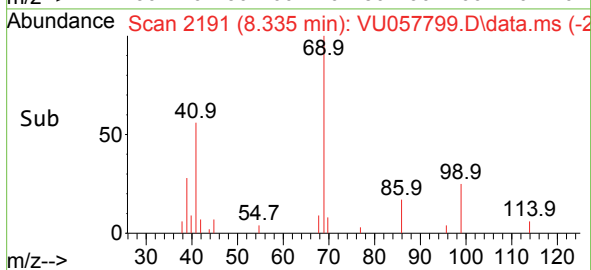
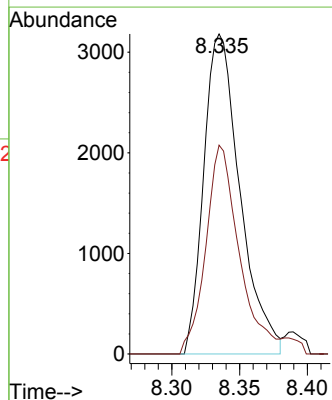
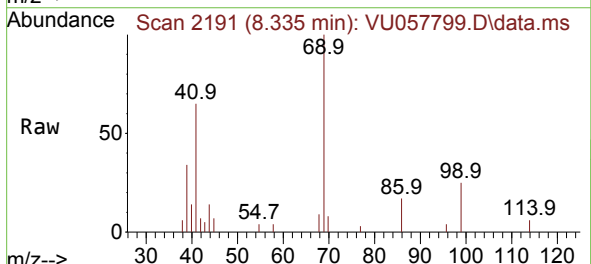
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

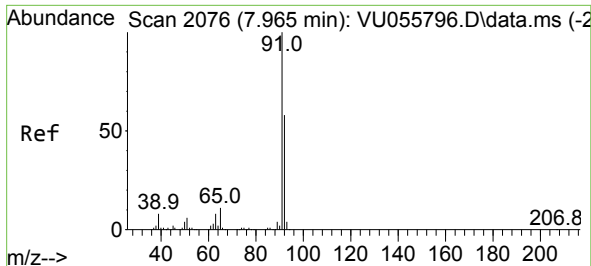
Tgt Ion:	69	Resp:	6406
Ion	Ratio	Lower	Upper
69	100		
41	107.8	0.0	209.2
39	62.9	46.7	70.1
100	29.9	27.4	41.2



#48
Ethyl methacrylate
Concen: 0.614 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	69	Resp:	5913
Ion	Ratio	Lower	Upper
69	100		
41	60.3	30.3	90.8





#49

Toluene

Concen: 0.673 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

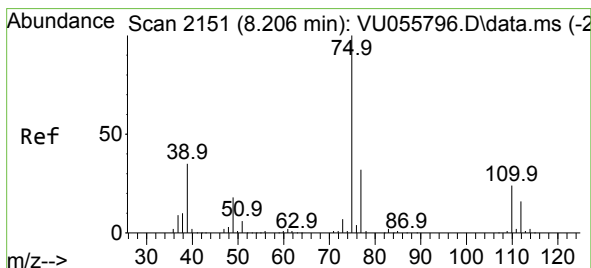
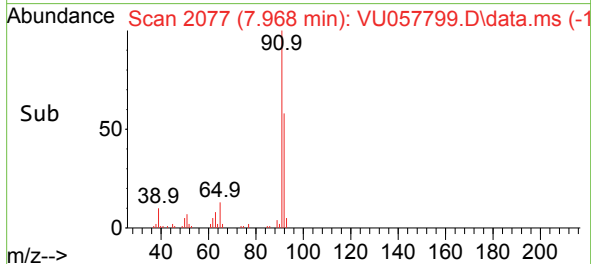
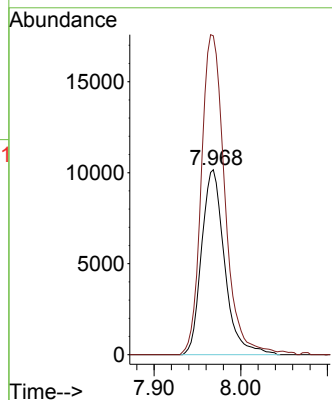
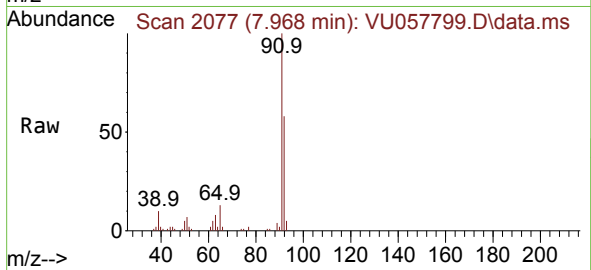
MDL-WATER-03-QT1-2024

Tgt Ion: 92 Resp: 18764

Ion Ratio Lower Upper

92 100

91 176.5 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.617 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057799.D

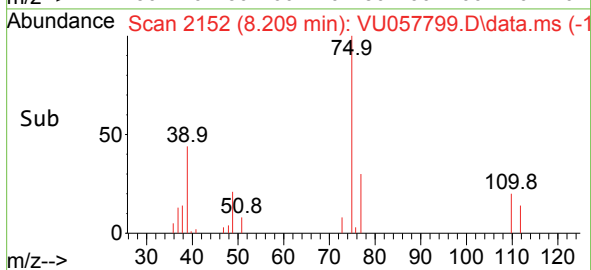
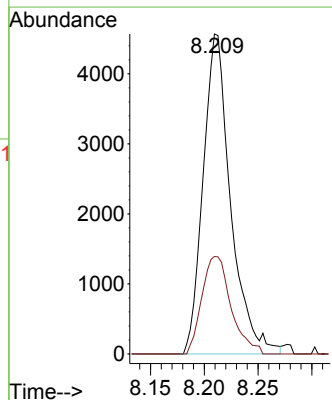
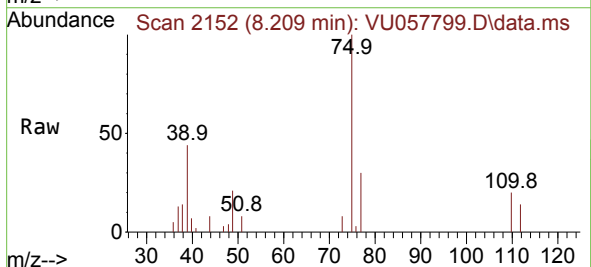
Acq: 02 Feb 2024 18:06

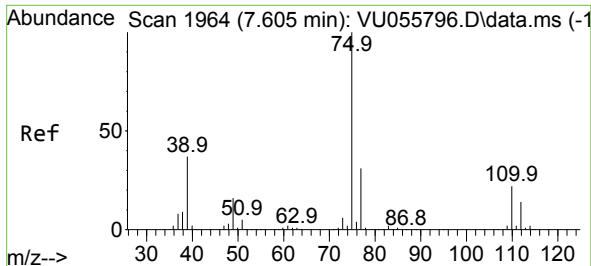
Tgt Ion: 75 Resp: 8116

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

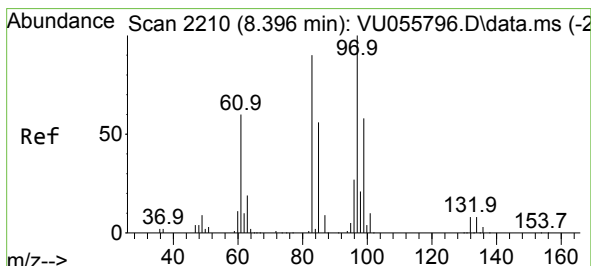
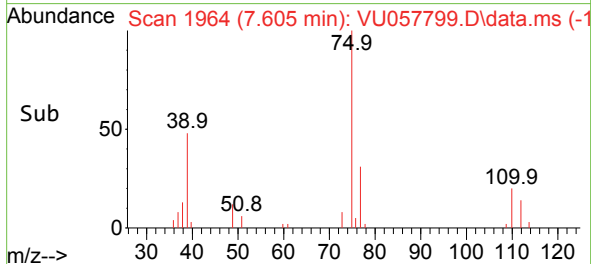
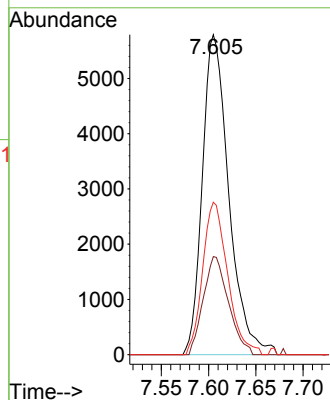
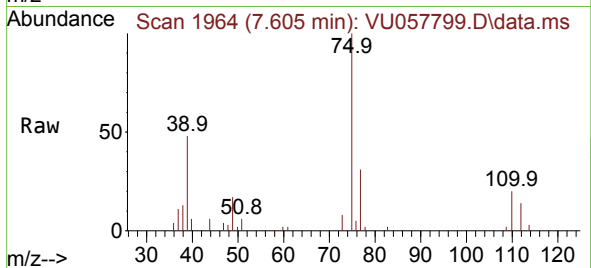




#51
 cis-1,3-Dichloropropene
 Concen: 0.678 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

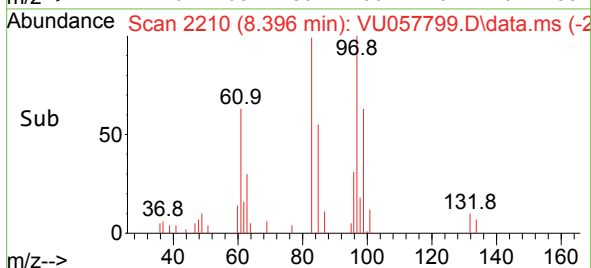
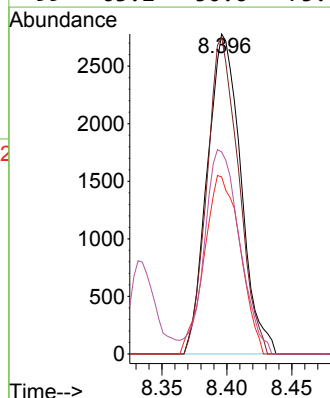
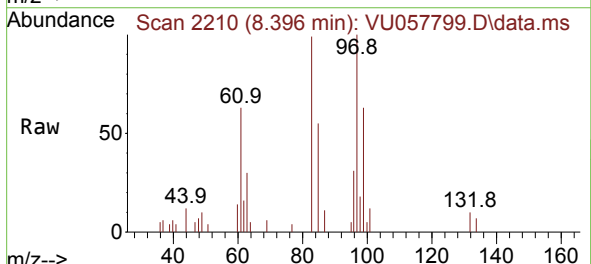
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

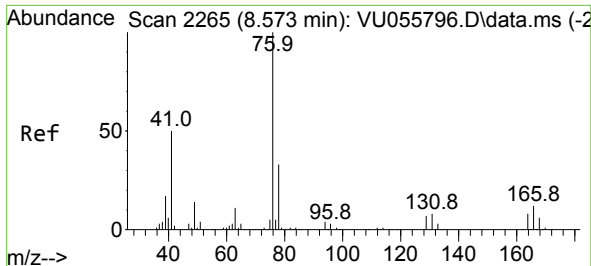
Tgt Ion:	75	Resp:	11295
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	47.6	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 0.665 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

Tgt Ion:	97	Resp:	4983
Ion	Ratio	Lower	Upper
97	100		
83	99.0	71.8	107.8
85	55.4	45.2	67.8
99	63.2	50.6	75.8





#53

1,3-Dichloropropane

Concen: 0.670 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

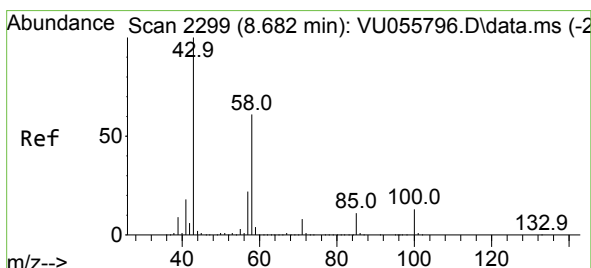
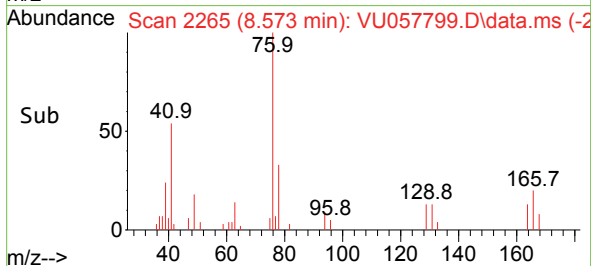
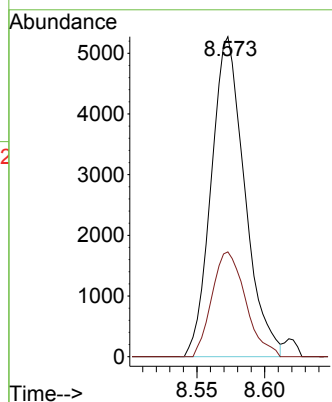
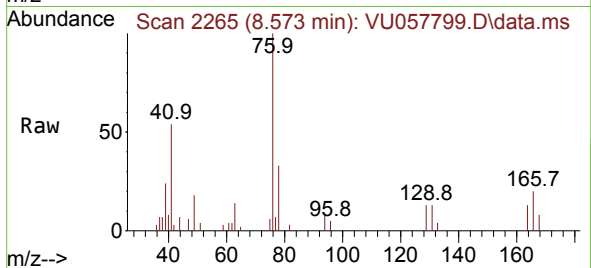
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 9032

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#54

2-Hexanone

Concen: 2.734 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.007 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

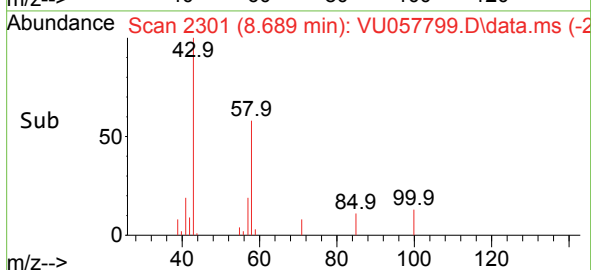
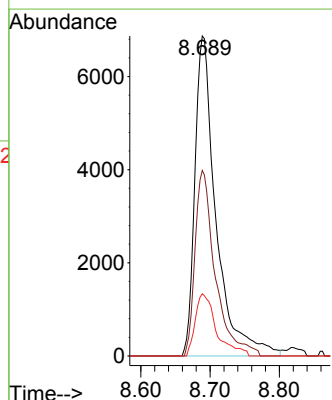
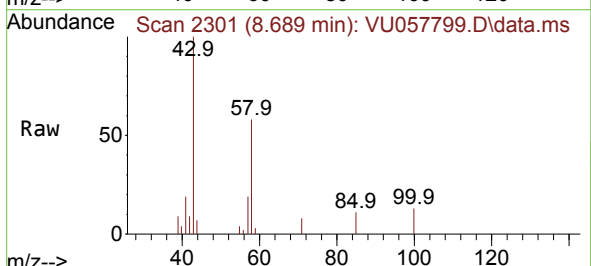
Tgt Ion: 43 Resp: 14597

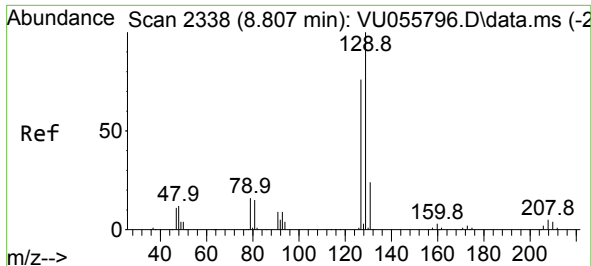
Ion Ratio Lower Upper

43 100

58 55.4 38.2 78.2

57 19.5 0.0 39.1

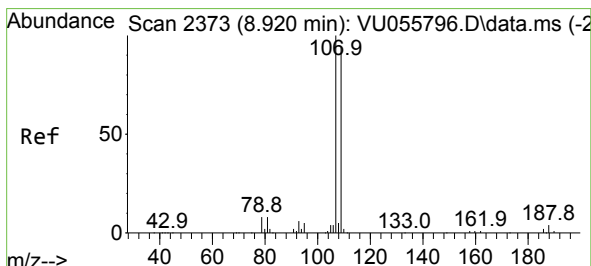
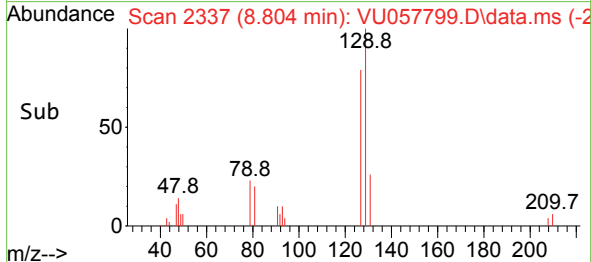
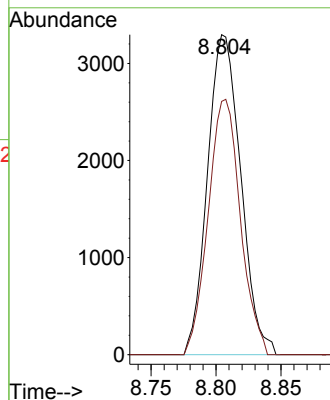
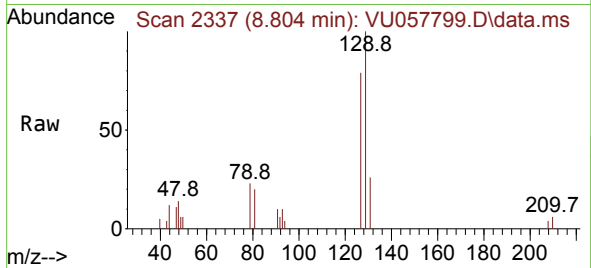




#55
Dibromochloromethane
Concen: 0.632 ug/l
RT: 8.804 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

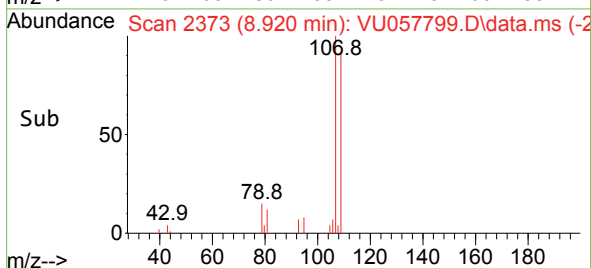
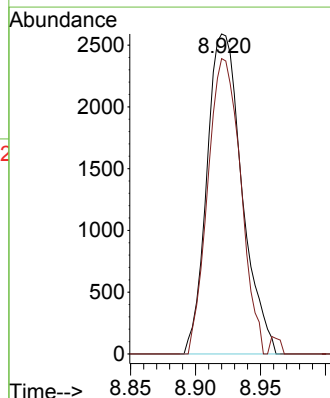
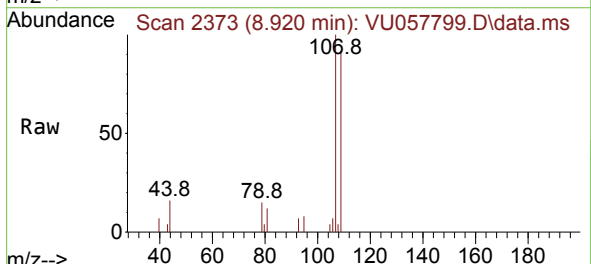
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

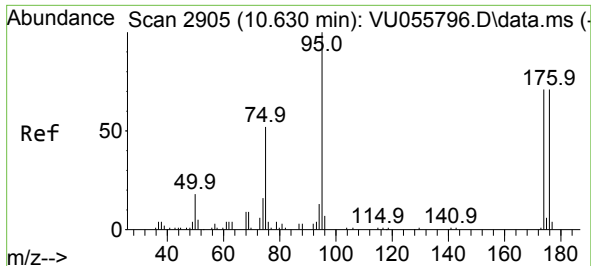
Tgt Ion:129 Resp: 5864
Ion Ratio Lower Upper
129 100
127 77.3 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.705 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:107 Resp: 4867
Ion Ratio Lower Upper
107 100
109 86.3 0.0 184.4

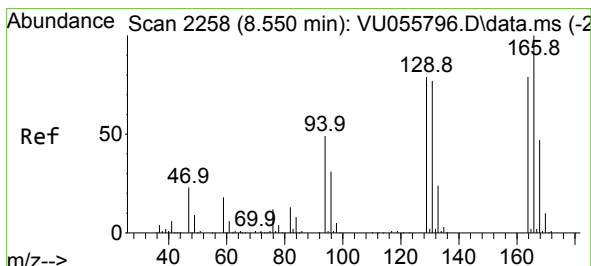
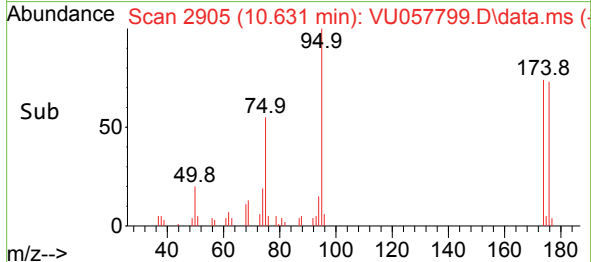
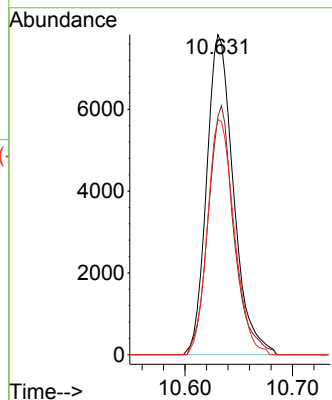
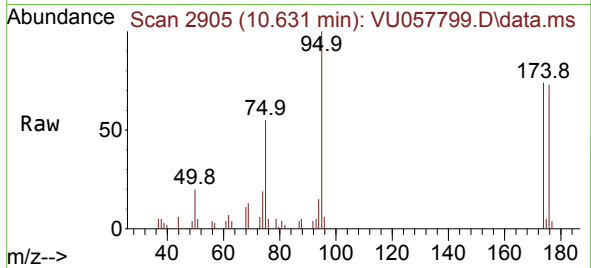




#57
4-Bromofluorobenzene
Concen: 0.880 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

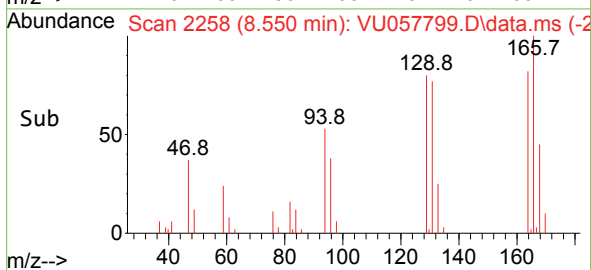
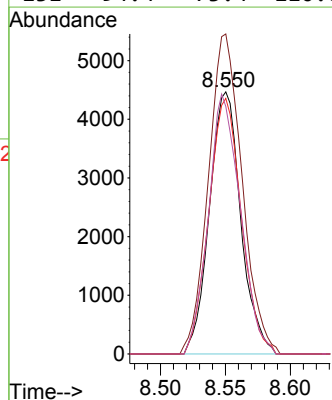
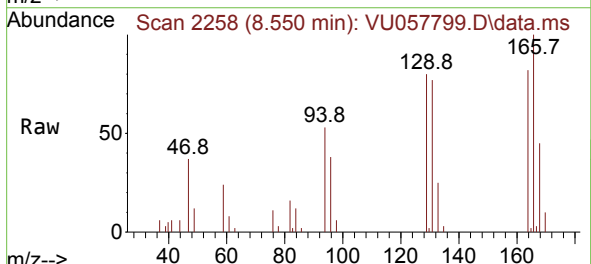
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

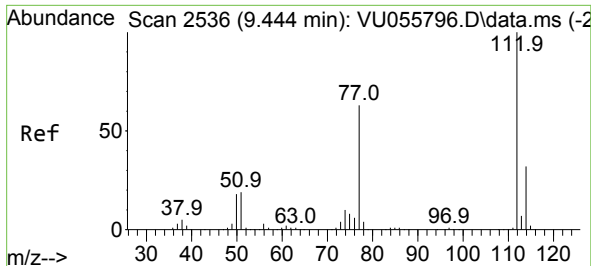
Tgt Ion: 95 Resp: 13577
Ion Ratio Lower Upper
95 100
174 74.5 63.3 94.9
176 73.3 59.3 88.9



#58
Tetrachloroethene
Concen: 0.699 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 164 Resp: 7475
Ion Ratio Lower Upper
164 100
166 122.1 99.6 149.4
129 97.5 78.6 117.8
131 94.4 73.4 110.0





#59

Chlorobenzene

Concen: 0.679 ug/l

RT: 9.444 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

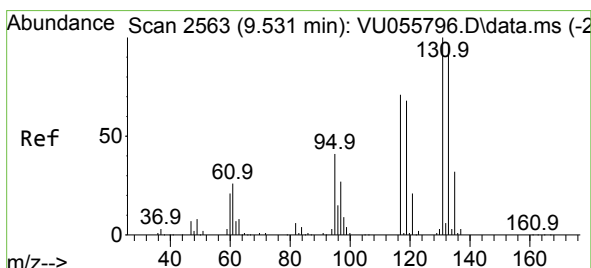
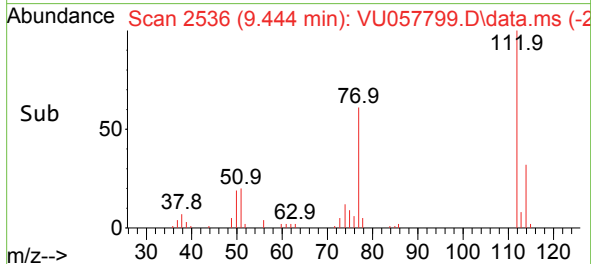
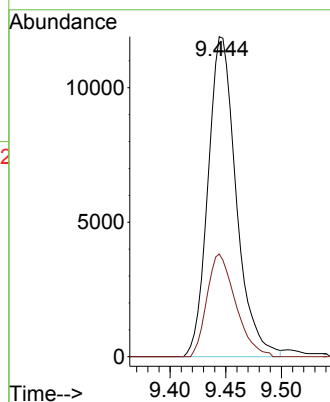
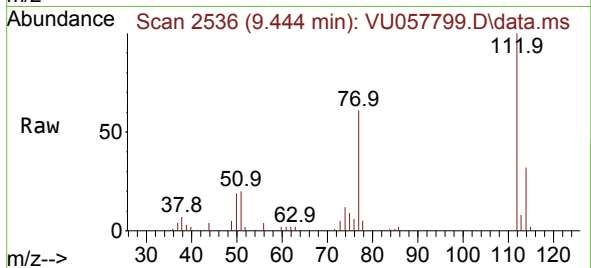
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 20932

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.655 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

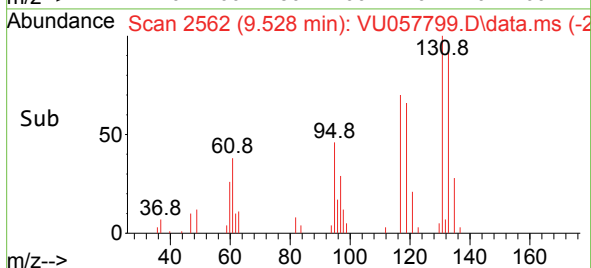
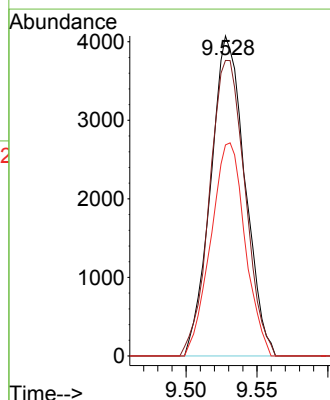
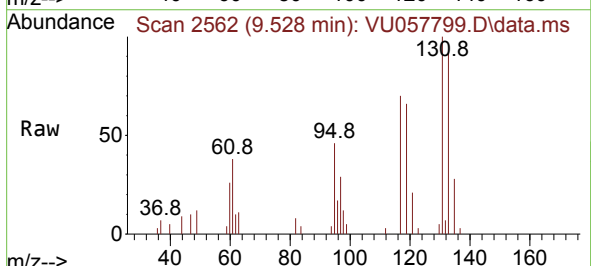
Tgt Ion:131 Resp: 6852

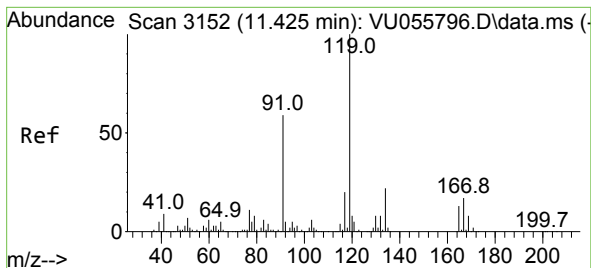
Ion Ratio Lower Upper

131 100

133 95.5 77.8 116.6

119 66.5 55.2 82.8





#61

Pentachloroethane

Concen: 0.607 ug/l

RT: 11.422 min Scan# 3152

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

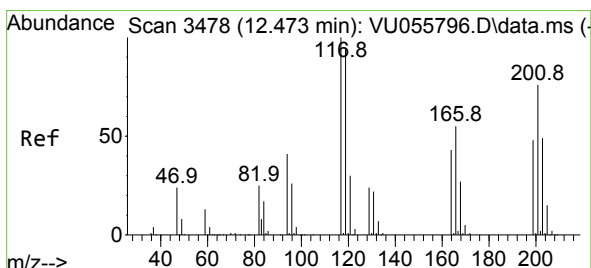
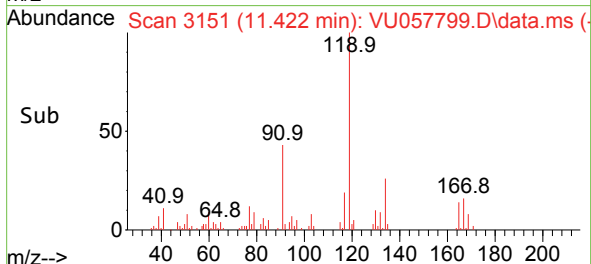
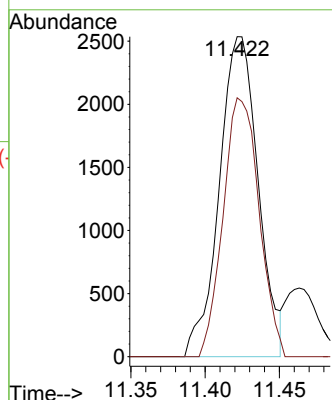
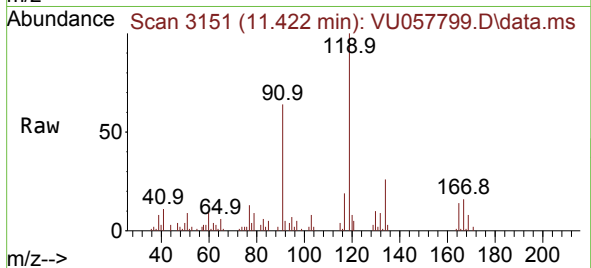
MDL-WATER-03-QT1-2024

Tgt Ion:117 Resp: 4619

Ion Ratio Lower Upper

117 100

167 74.8 56.7 85.1



#62

Hexachloroethane

Concen: 0.536 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VU057799.D

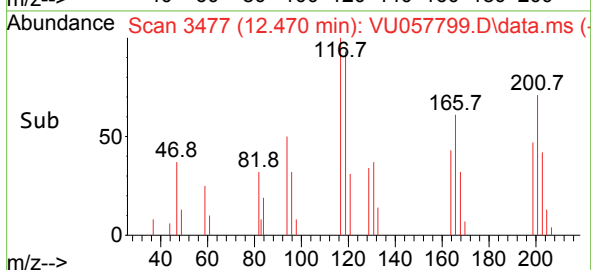
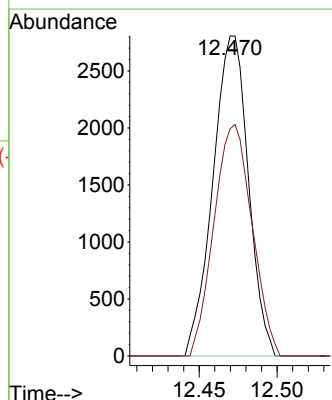
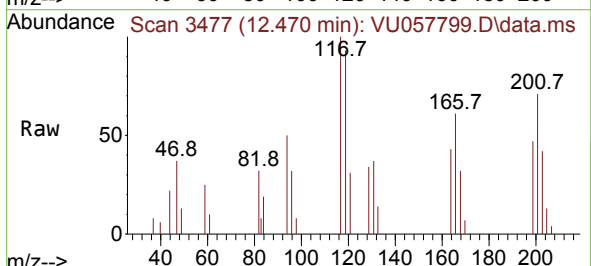
Acq: 02 Feb 2024 18:06

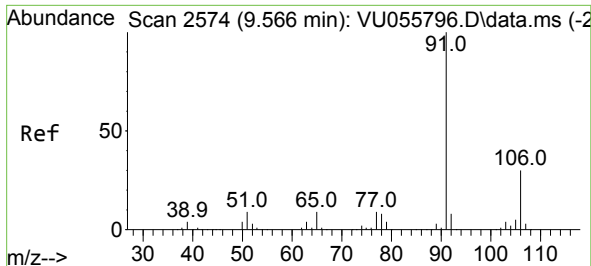
Tgt Ion:117 Resp: 4446

Ion Ratio Lower Upper

117 100

201 77.5 59.6 89.4

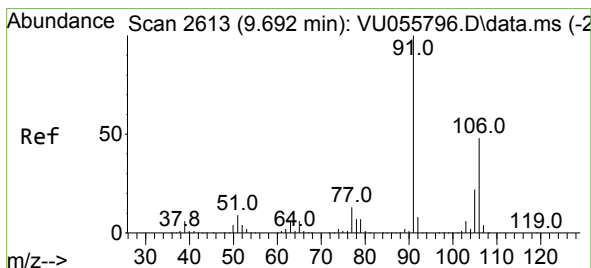
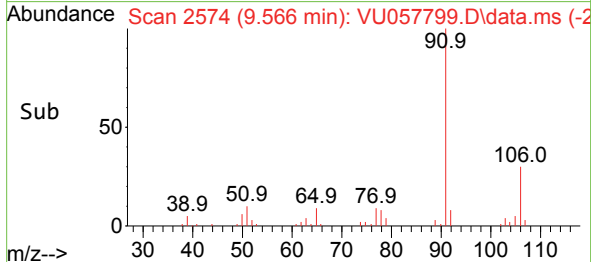
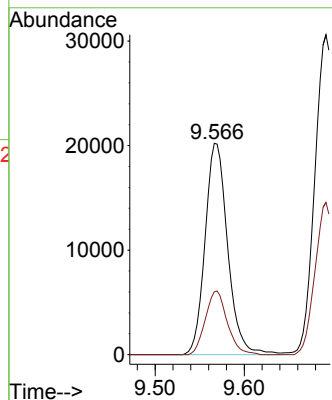
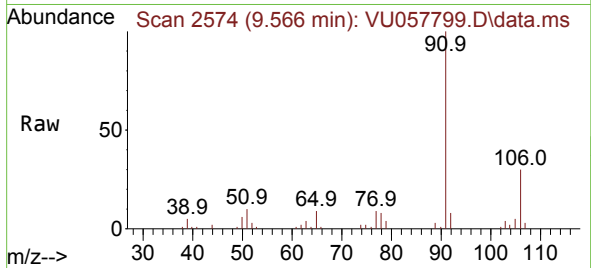




#63
Ethyl Benzene
Concen: 0.650 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

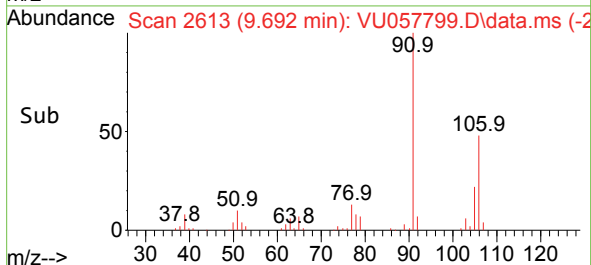
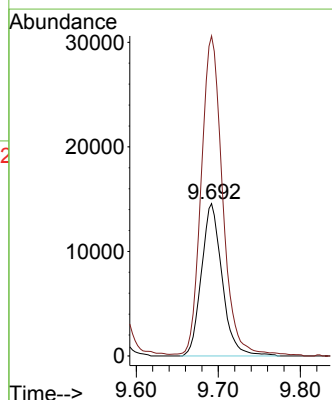
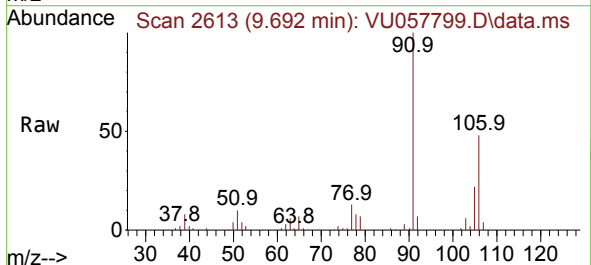
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

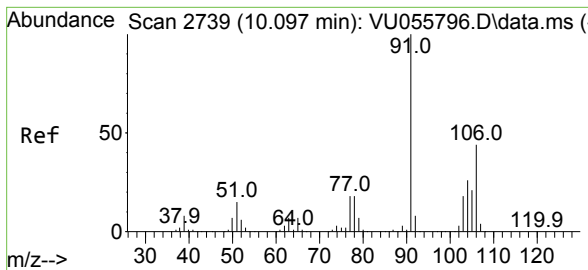
Tgt Ion: 91 Resp: 35637
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2



#64
m/p-Xylenes
Concen: 1.284 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 106 Resp: 25554
Ion Ratio Lower Upper
106 100
91 218.2 167.3 250.9

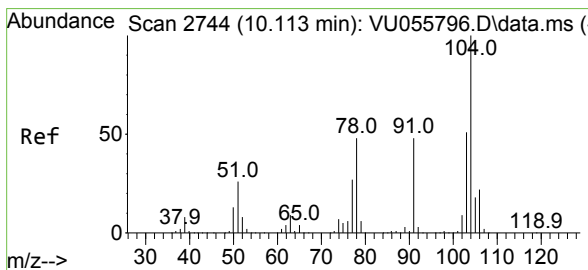
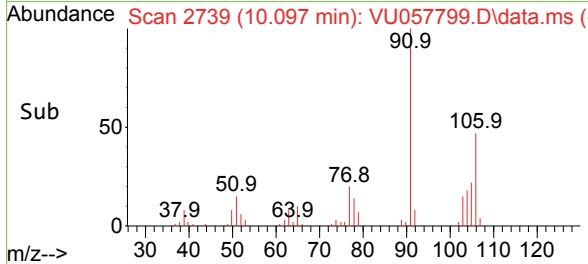
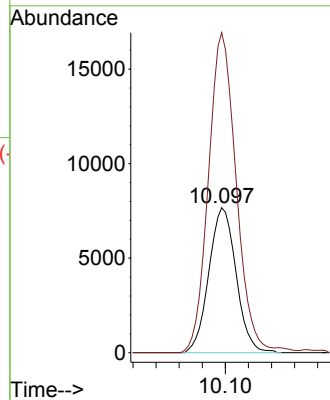
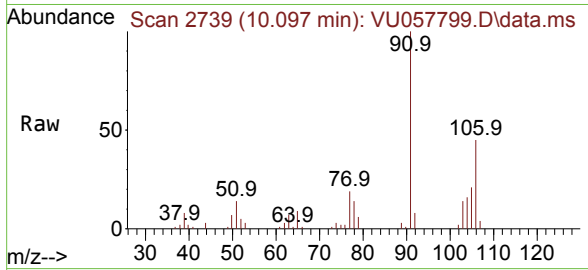




#65
o-Xylene
Concen: 0.637 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

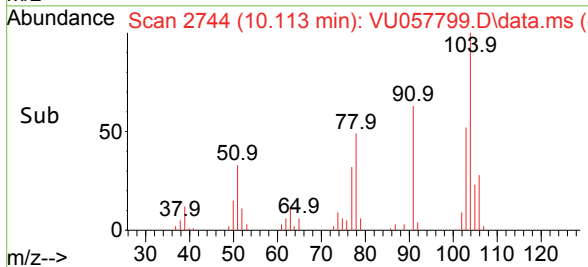
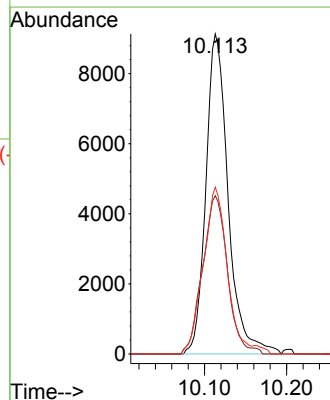
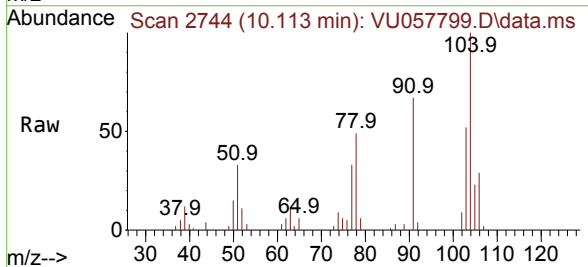
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

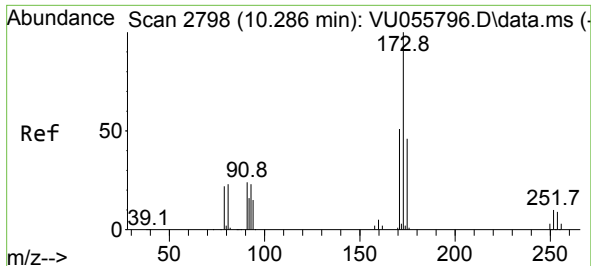
Tgt Ion:106 Resp: 12560
Ion Ratio Lower Upper
106 100
91 225.9 109.3 327.9



#66
Styrene
Concen: 0.585 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:104 Resp: 17216
Ion Ratio Lower Upper
104 100
78 55.3 39.7 59.5
103 57.0 44.8 67.2

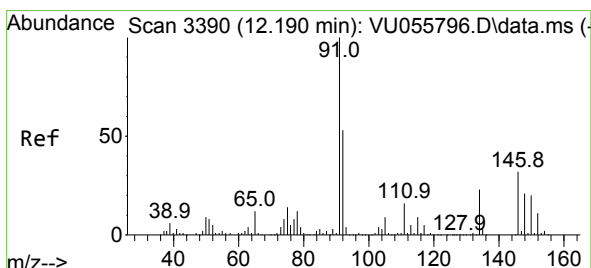
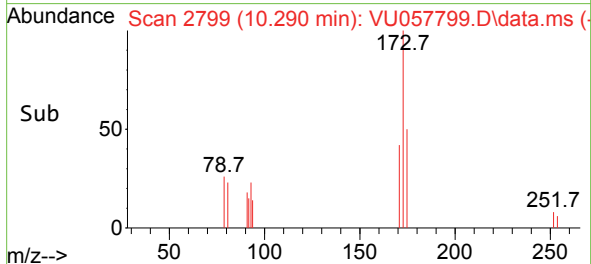
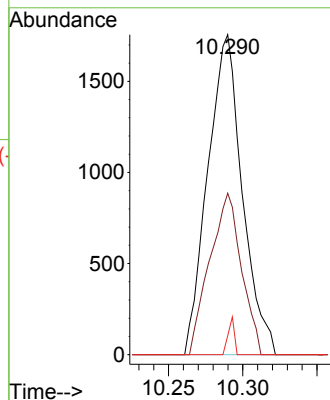
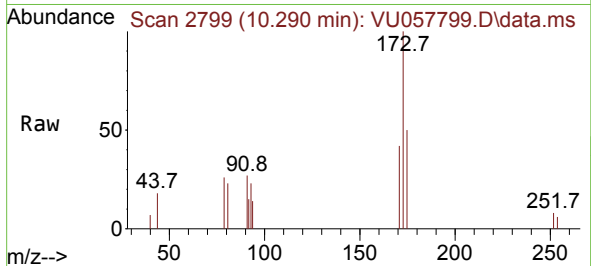




#67
Bromoform
Concen: 0.593 ug/l
RT: 10.290 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

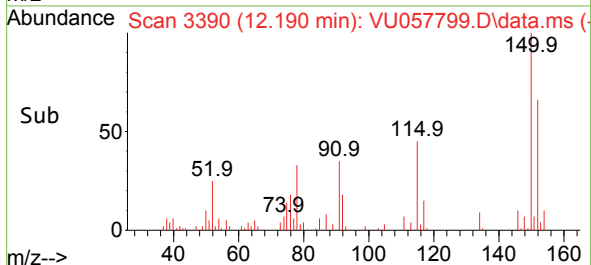
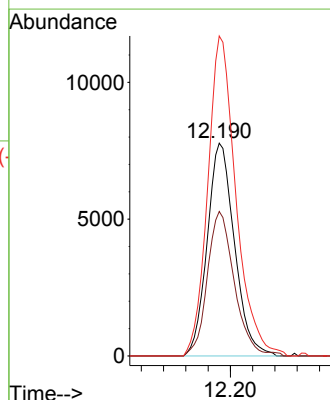
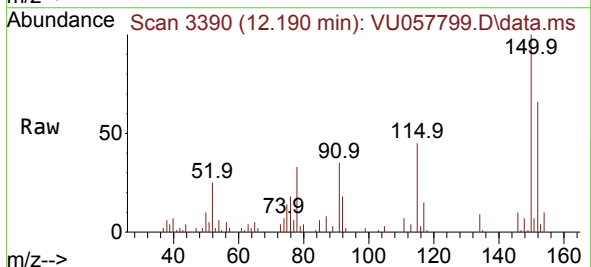
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

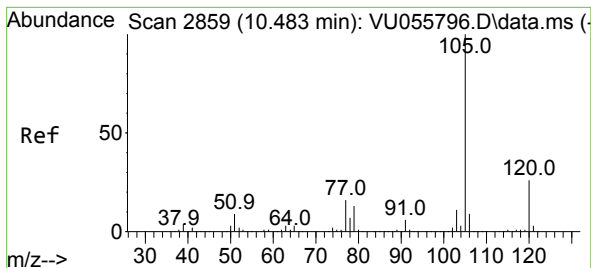
Tgt Ion:173 Resp: 2834
Ion Ratio Lower Upper
173 100
175 46.4 39.0 58.6
254 2.1 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.952 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:152 Resp: 13230
Ion Ratio Lower Upper
152 100
115 67.2 0.0 308.8
150 155.4 0.0 635.0





#69

Isopropylbenzene

Concen: 0.625 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

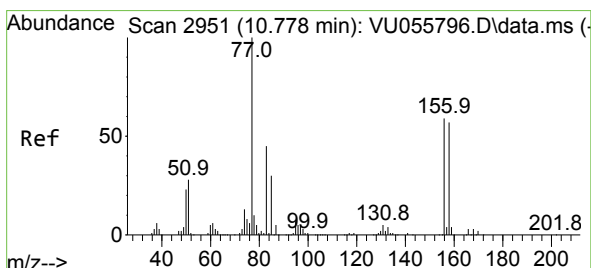
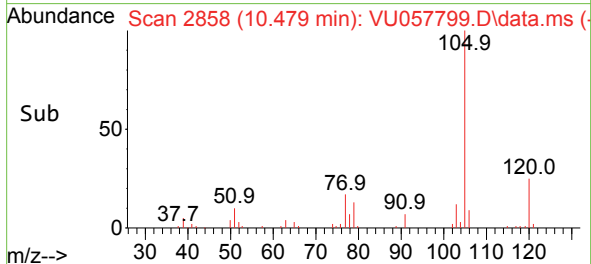
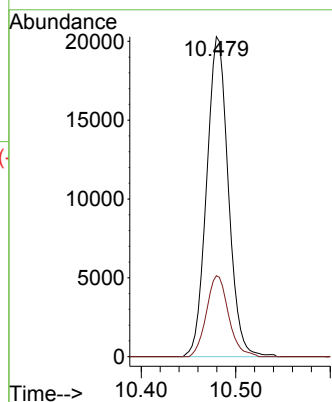
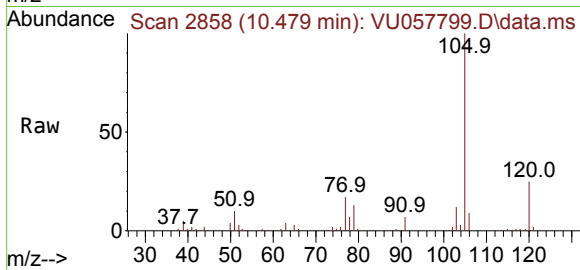
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 32306

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.607 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.001 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

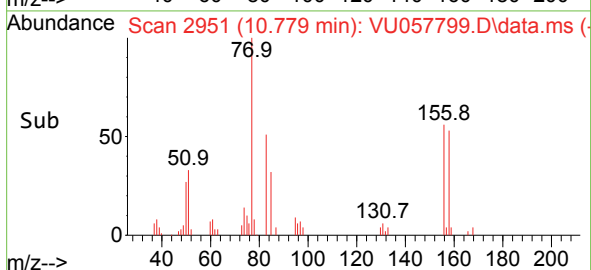
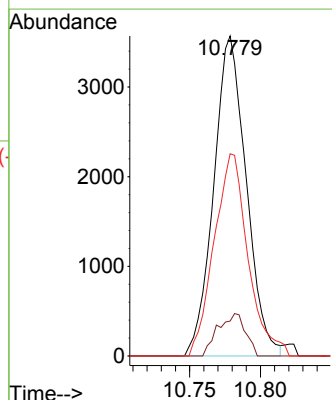
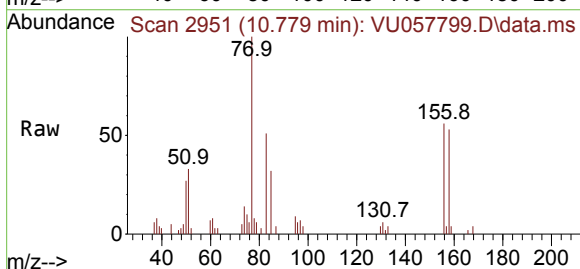
Tgt Ion: 83 Resp: 5700

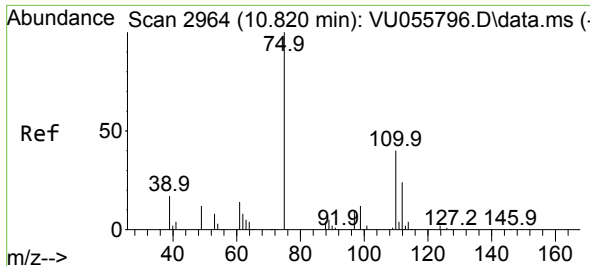
Ion Ratio Lower Upper

83 100

131 11.1 7.2 10.8#

85 65.9 50.5 75.7

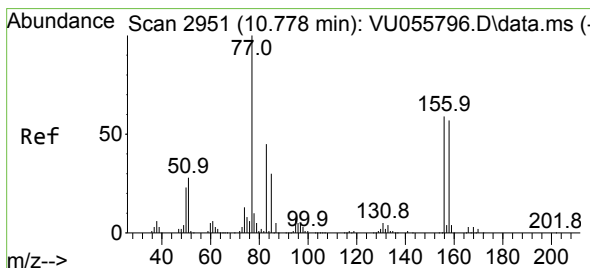
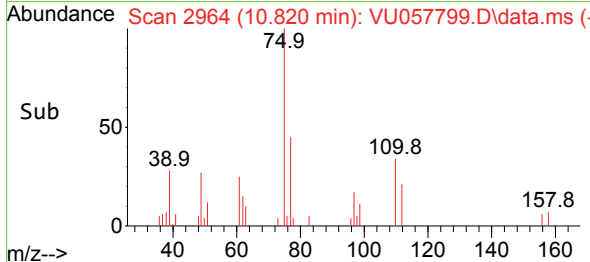
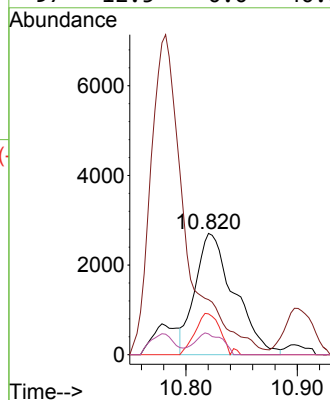
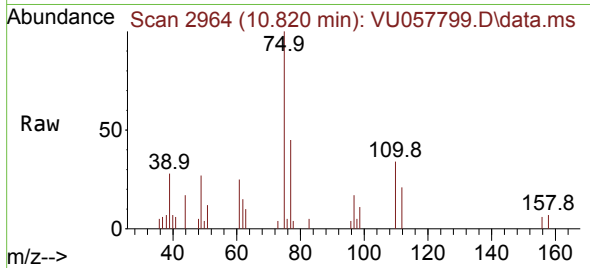




#71
1,2,3-Trichloropropane
Concen: 0.850 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

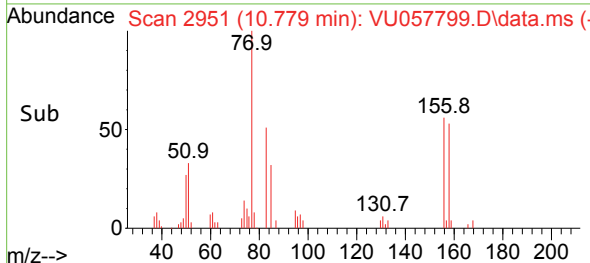
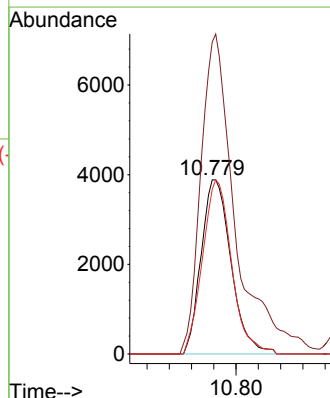
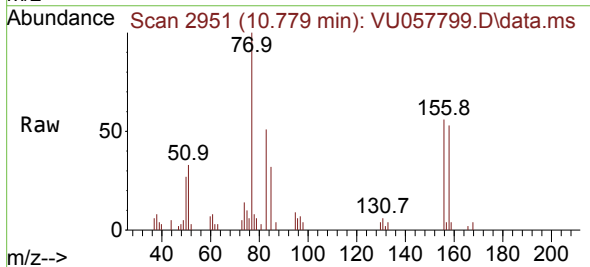
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

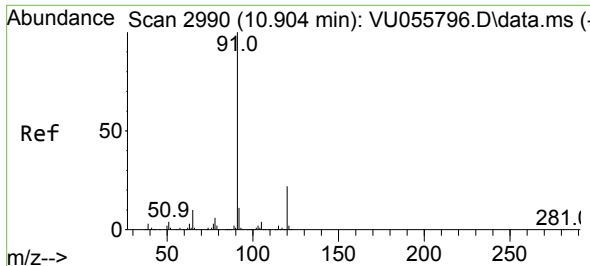
Tgt Ion:	75	Resp:	6592
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	22.0	0.0	74.6
97	12.5	0.0	40.0



#72
Bromobenzene
Concen: 0.637 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:	156	Resp:	7243
Ion	Ratio	Lower	Upper
156	100		
77	213.0	0.0	343.0
158	97.3	0.0	194.8

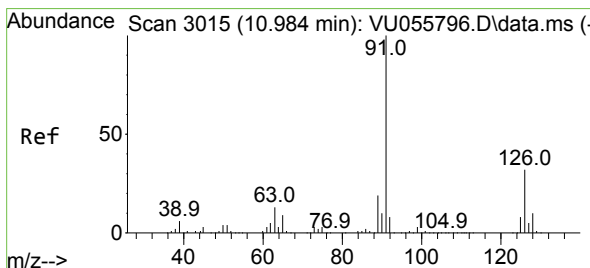
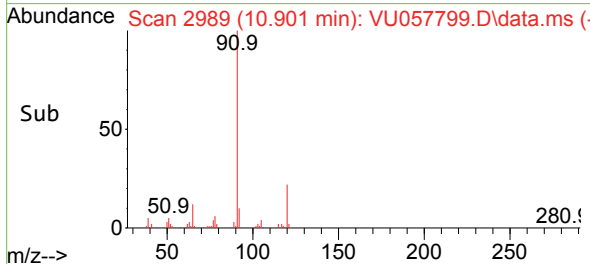
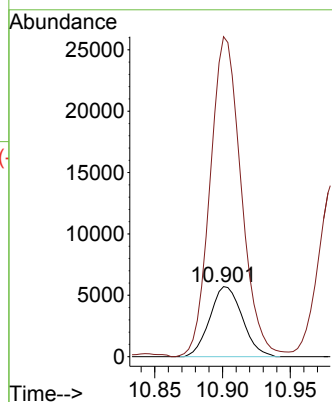
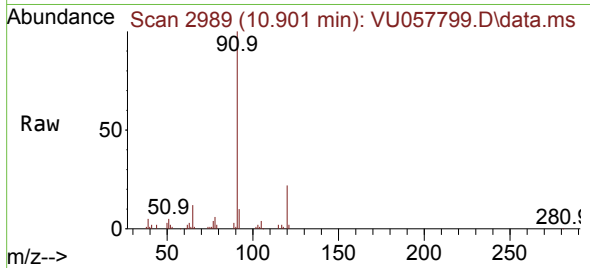




#73
n-propylbenzene
Concen: 0.732 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

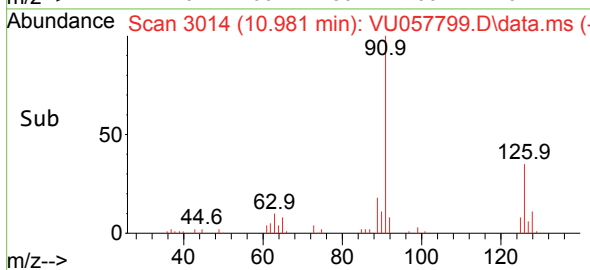
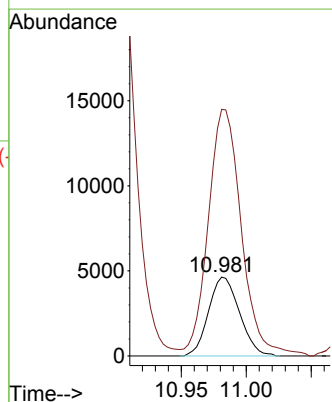
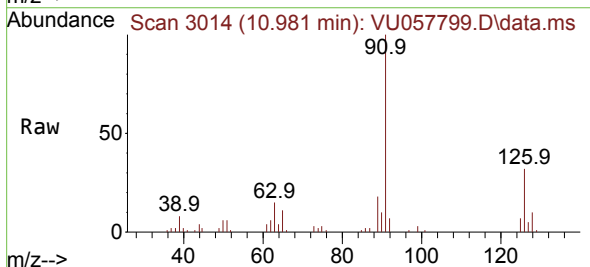
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

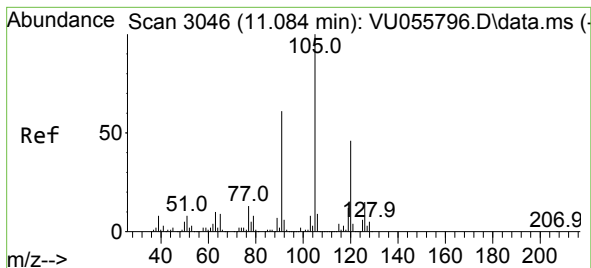
Tgt Ion:120 Resp: 9503
Ion Ratio Lower Upper
120 100
91 437.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.638 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion:126 Resp: 7680
Ion Ratio Lower Upper
126 100
91 335.6 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.612 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

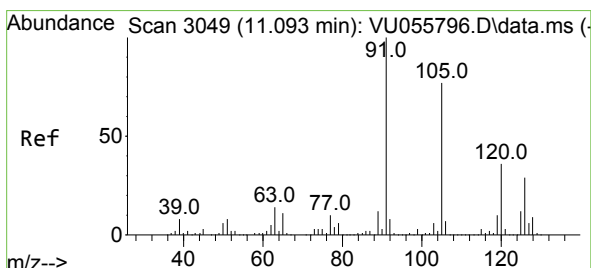
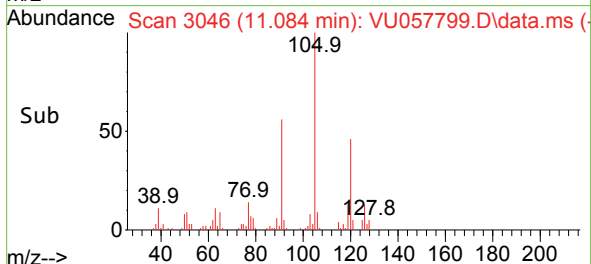
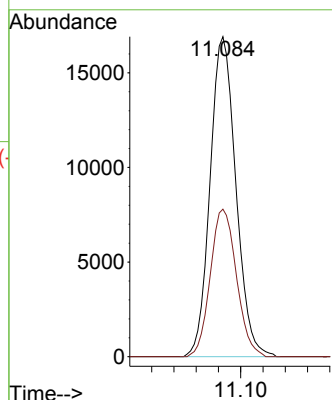
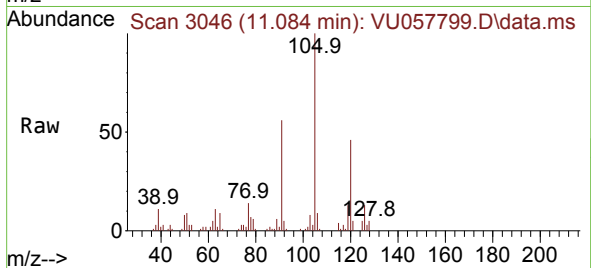
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 27179

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.617 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057799.D

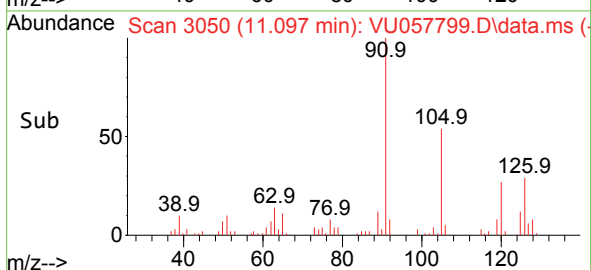
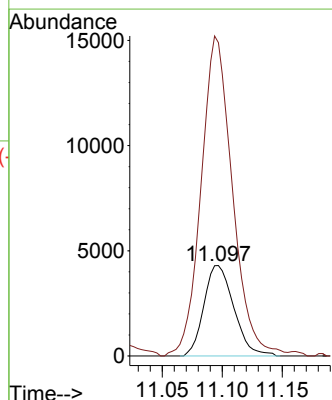
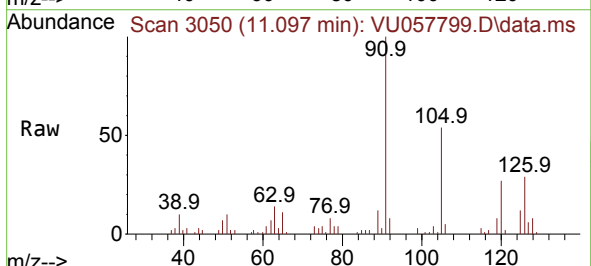
Acq: 02 Feb 2024 18:06

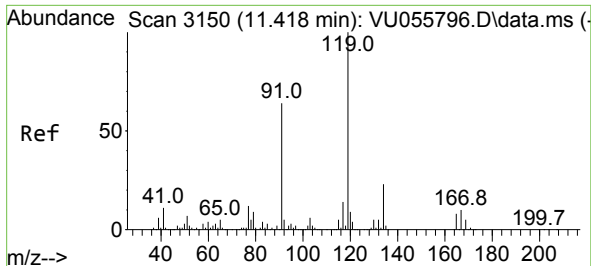
Tgt Ion:126 Resp: 7463

Ion Ratio Lower Upper

126 100

91 370.5 0.0 686.2

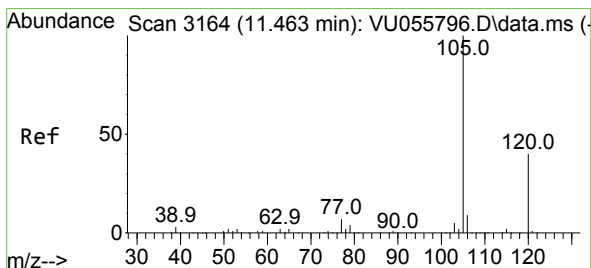
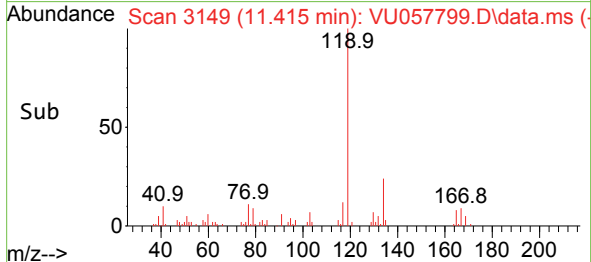
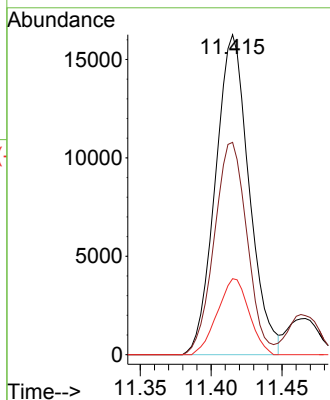
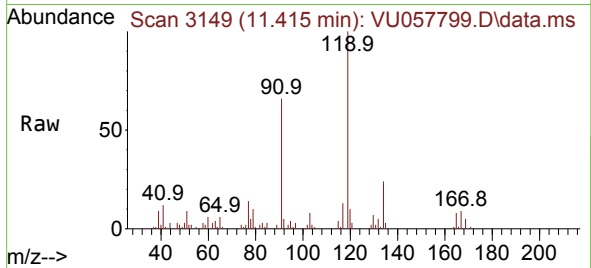




#77
tert-Butylbenzene
Concen: 0.646 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

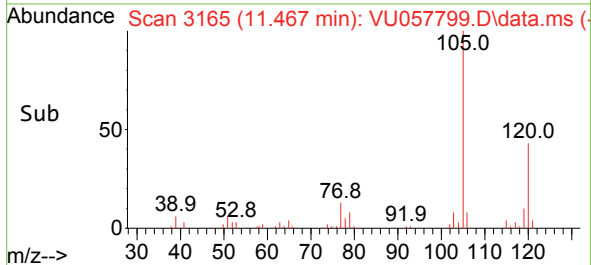
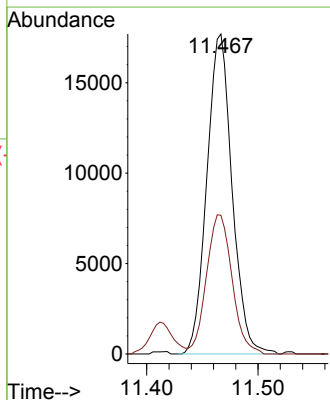
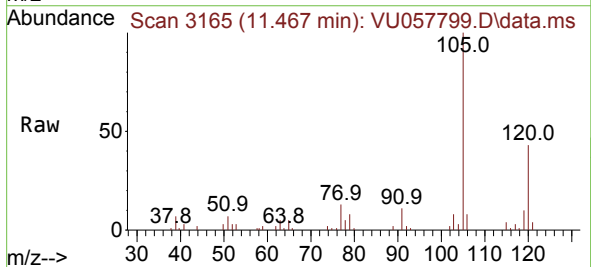
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

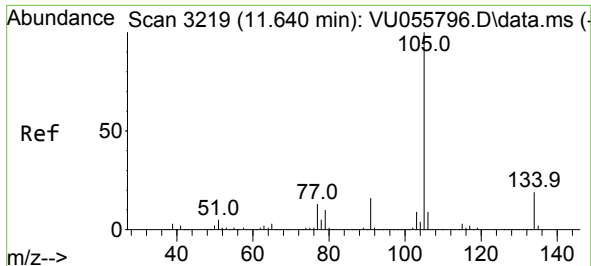
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.6	30.8	92.4
134	22.3	18.0	27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.619 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.9	65.8

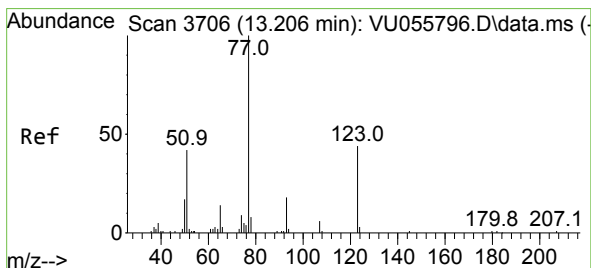
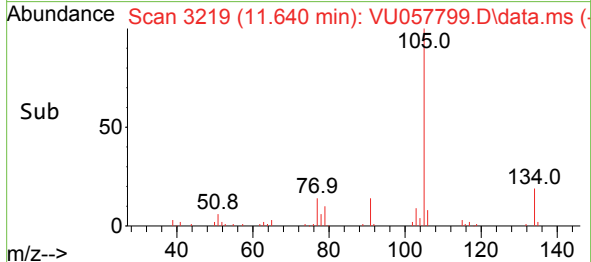
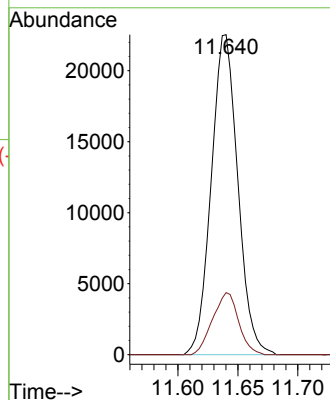
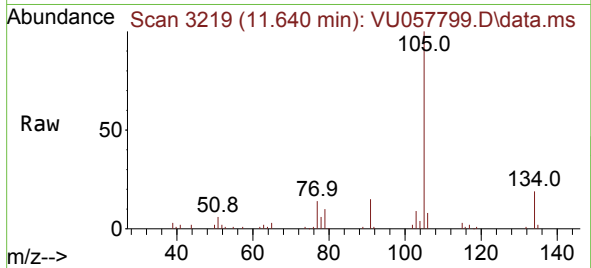




#79
 sec-Butylbenzene
 Concen: 0.651 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

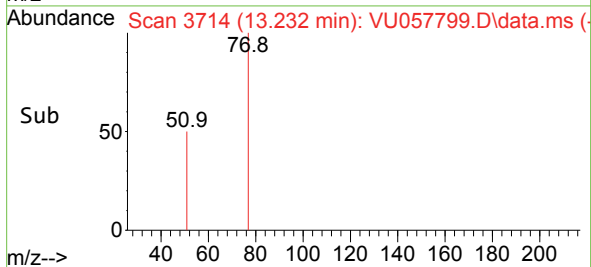
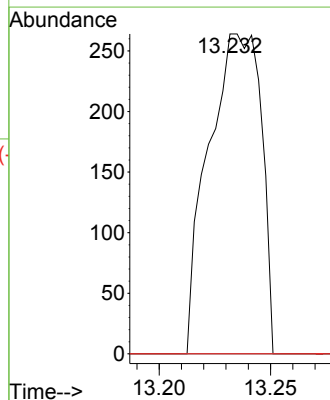
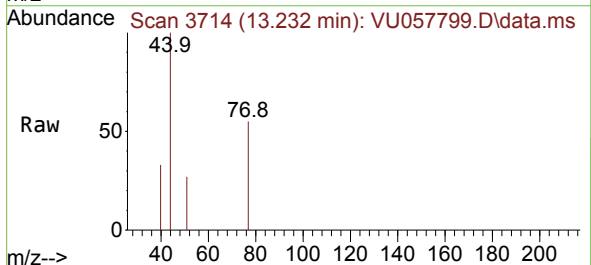
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

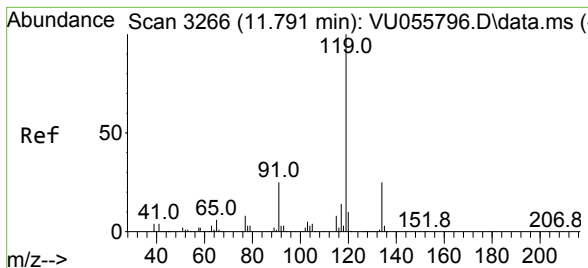
Tgt Ion:105 Resp: 34674
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.9 22.3



#80
 Nitrobenzene
 Concen: 2.356 ug/l
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.026 min
 Lab File: VU057799.D
 Acq: 02 Feb 2024 18:06

Tgt Ion: 77 Resp: 434
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.617 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

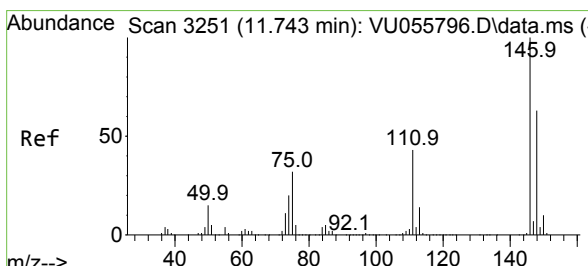
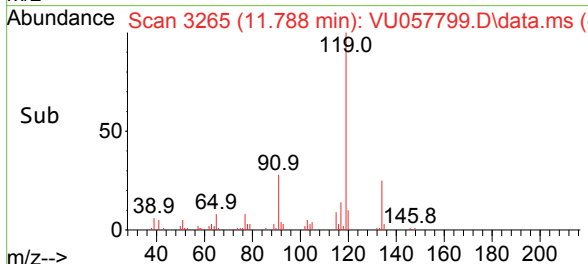
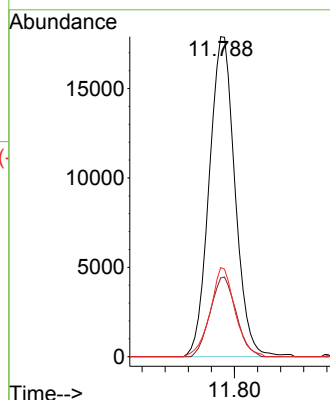
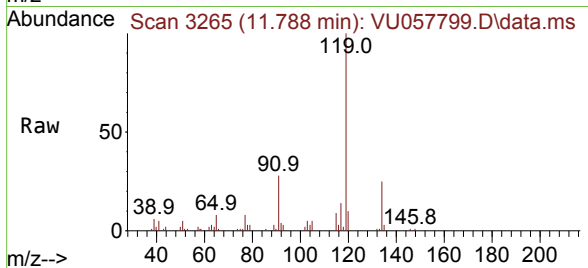
Tgt Ion:119 Resp: 27700

Ion Ratio Lower Upper

119 100

134 25.0 20.2 30.4

91 26.8 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.646 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

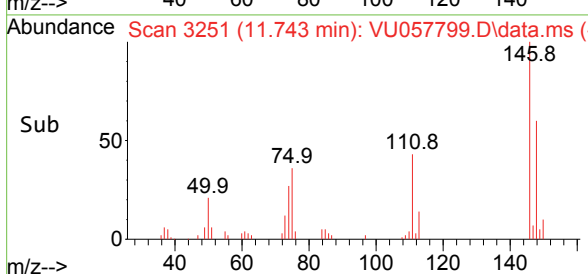
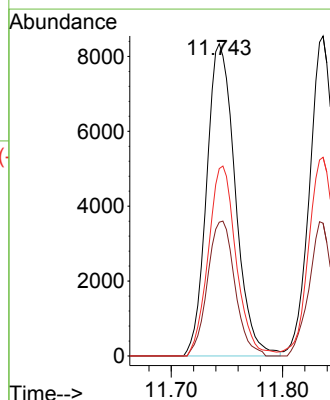
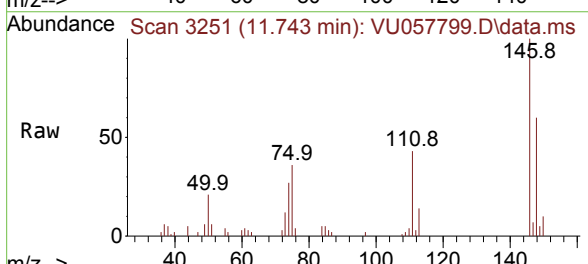
Tgt Ion:146 Resp: 14845

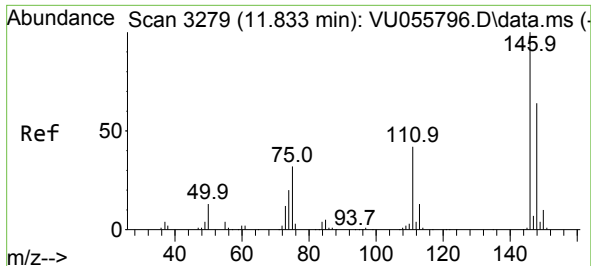
Ion Ratio Lower Upper

146 100

111 41.4 32.6 49.0

148 59.4 51.0 76.4

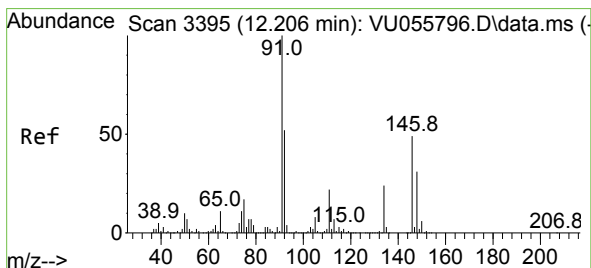
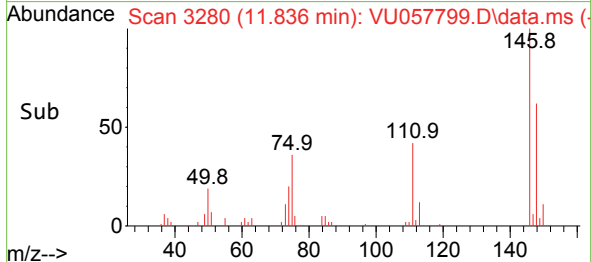
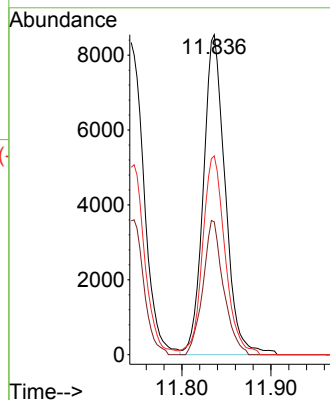
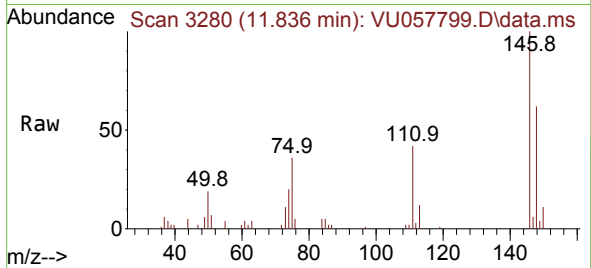




#83
1,4-Dichlorobenzene
Concen: 0.648 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

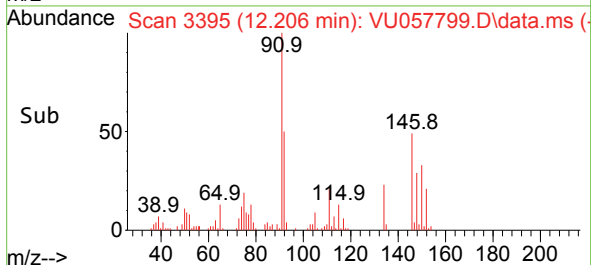
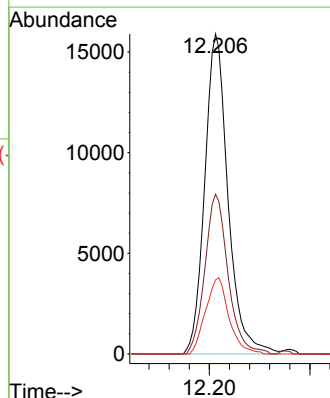
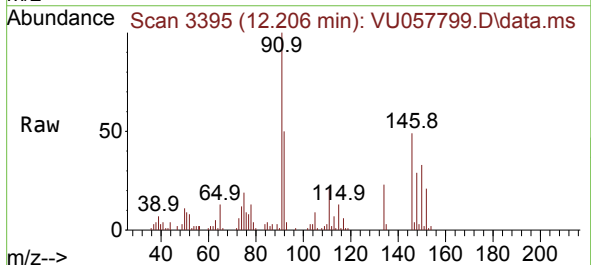
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

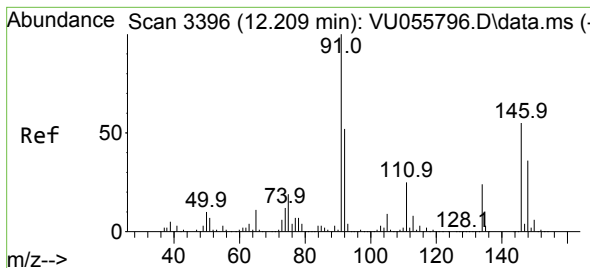
Tgt Ion:146 Resp: 14543
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 63.9 50.3 75.5



#84
n-Butylbenzene
Concen: 0.596 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU057799.D
Acq: 02 Feb 2024 18:06

Tgt Ion: 91 Resp: 25565
Ion Ratio Lower Upper
91 100
92 49.7 40.8 61.2
134 23.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.665 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

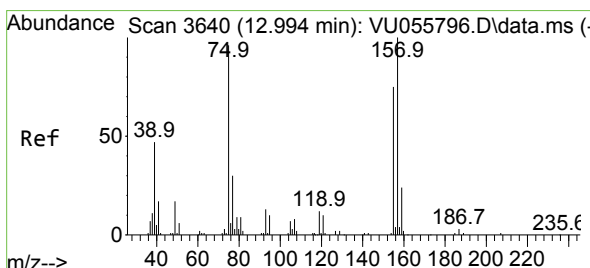
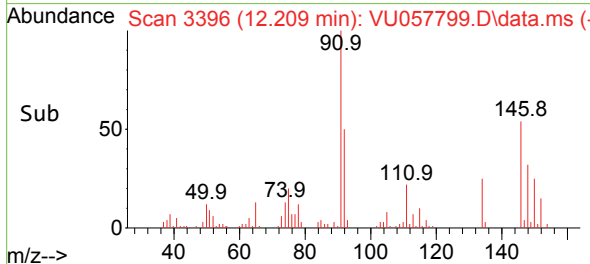
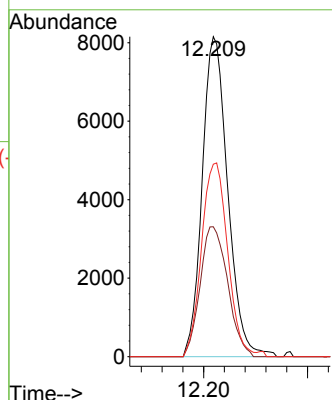
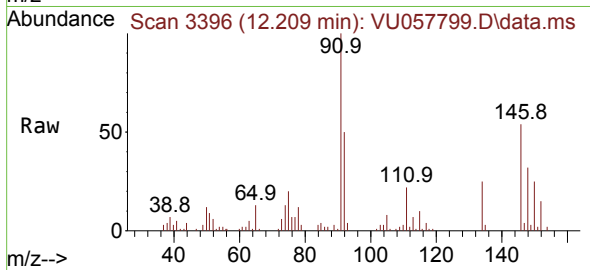
Tgt Ion:146 Resp: 13875

Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 62.3 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.557 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

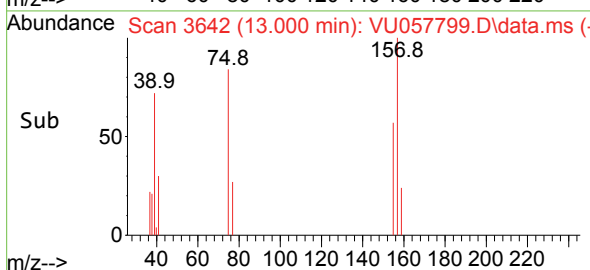
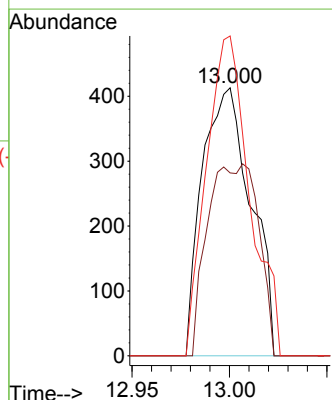
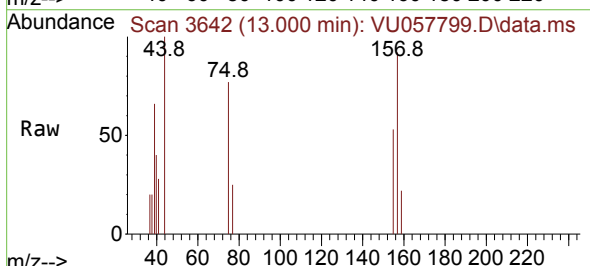
Tgt Ion: 75 Resp: 717

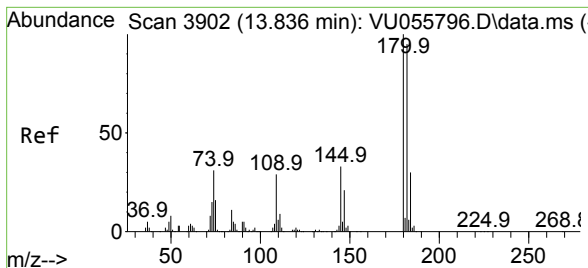
Ion Ratio Lower Upper

75 100

155 45.3 61.8 92.8#

157 106.0 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 0.567 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

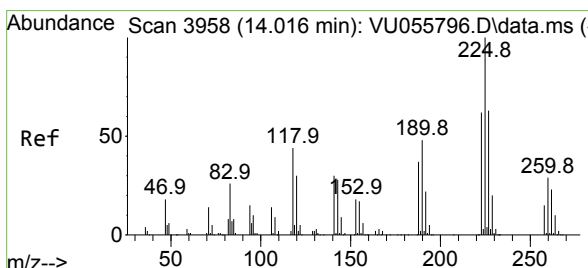
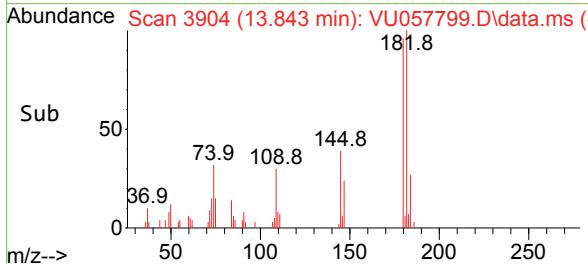
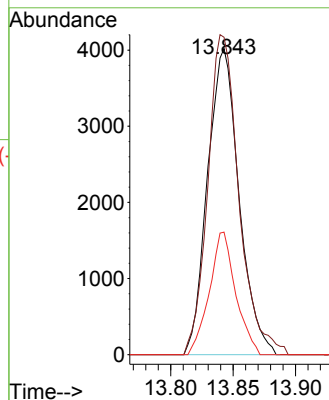
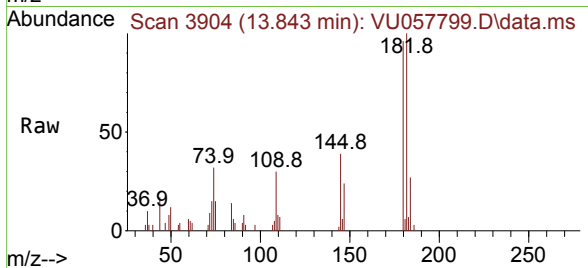
Tgt Ion:180 Resp: 7064

Ion Ratio Lower Upper

180 100

182 103.2 75.8 113.6

145 33.5 23.9 35.9



#88

Hexachlorobutadiene

Concen: 0.645 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

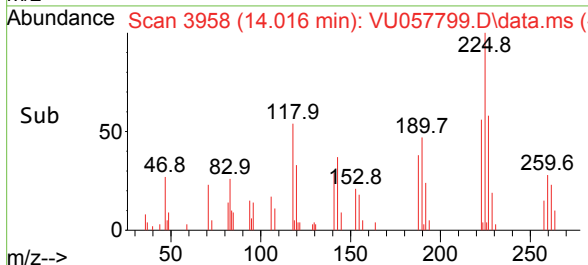
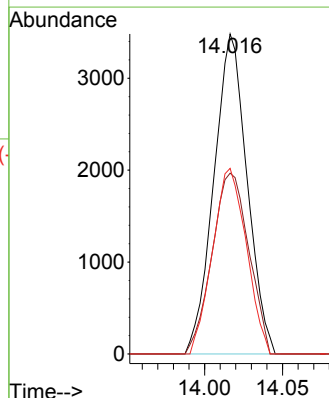
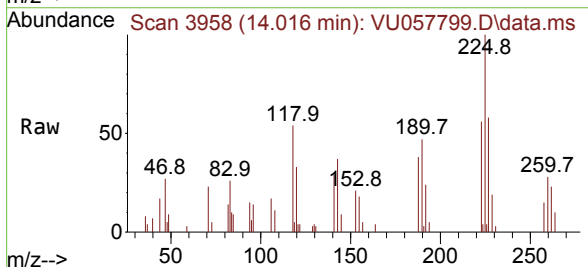
Tgt Ion:225 Resp: 5154

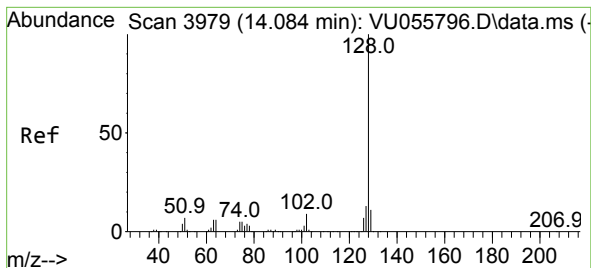
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.4

227 59.0 51.5 77.3





#89

Naphthalene

Concen: 0.590 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

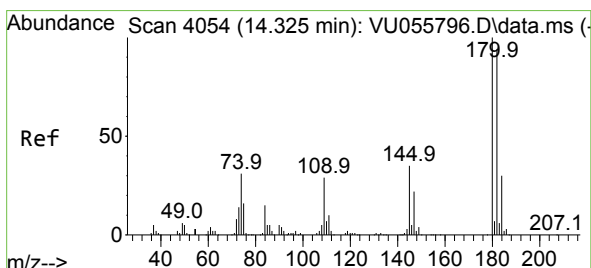
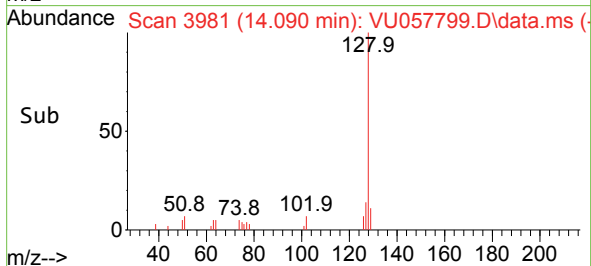
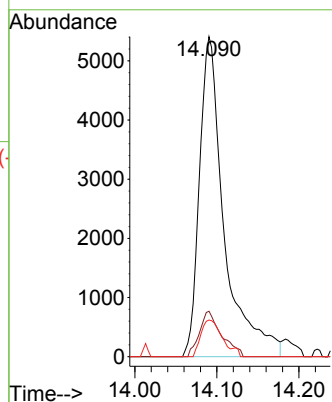
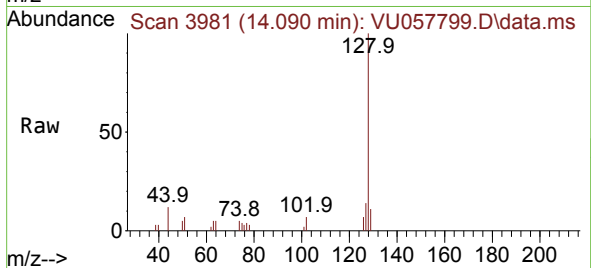
Tgt Ion:128 Resp: 11343

Ion Ratio Lower Upper

128 100

127 12.6 10.9 16.3

129 10.0 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 0.604 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057799.D

Acq: 02 Feb 2024 18:06

Tgt Ion:180 Resp: 6259

Ion Ratio Lower Upper

180 100

182 92.5 75.7 113.5

145 33.2 26.1 39.1

