

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057797.D
 Acq On : 02 Feb 2024 17:17
 Operator : MD/SY
 Sample : P1187-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 05 02:34:40 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	41009	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13584	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12426	0.889	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2470	0.181	ug/l	100
3) Chloromethane	1.518	50	3026	0.231	ug/l	94
4) Vinyl Chloride	1.602	62	2793	0.209	ug/l	99
5) Bromomethane	1.856	94	1999	0.252	ug/l	99
6) Chloroethane	1.930	64	1603	0.190	ug/l	94
7) Trichlorofluoromethane	2.132	101	3815	0.186	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	2074	0.197	ug/l	94
9) 1,1-Dichloroethene	2.576	96	1916	0.188	ug/l	90
10) Iodomethane	2.721	142	2437	0.202	ug/l	96
11) Allyl Chloride	2.917	41	2442	0.177	ug/l #	76
12) Acrylonitrile	3.354	53	203	0.117	ug/l #	56
13) Acetone	2.650	43	2761	0.877	ug/l	90
14) Carbon Disulfide	2.788	76	6396	0.196	ug/l	98
15) Methylene Chloride	3.039	84	4670	0.384	ug/l	91
16) trans-1,2-Dichloroethene	3.348	96	2174	0.195	ug/l	91
17) 1,1-Dichloroethane	3.865	63	4066	0.194	ug/l #	83
18) 2-Butanone	4.759	43	1627	0.480	ug/l	73
19) Cyclohexane	5.383	56	3454	0.210	ug/l	97
20) Methylcyclohexane	6.756	83	3539	0.178	ug/l	98
21) 2,2-Dichloropropane	4.656	77	3539	0.190	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	2307	0.189	ug/l #	79
23) Diethyl Ether	2.374	59	1590	0.216	ug/l #	89
24) tert-Butyl Alcohol	3.222	59	175	0.209	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	4662	0.195	ug/l	94
26) Bromochloromethane	4.971	128	186	0.038	ug/l #	1
27) Chloroform	5.078	83	4369	0.200	ug/l	89
28) 1,1,1-Trichloroethane	5.312	97	3497	0.177	ug/l	95
29) 1,1-Dichloropropene	5.521	75	2986	0.187	ug/l	90
30) Carbon Tetrachloride	5.518	117	2865	0.169	ug/l	92
31) Isopropyl Ether	3.991	45	6026	0.196	ug/l	94
32) Ethyl-t-butyl ether	4.499	59	5389	0.189	ug/l	96
33) Tert-Amyl methyl ether	5.936	73	4703	0.196	ug/l #	93
34) Propionitrile	4.853	54	40	0.057	ug/l #	1
35) Benzene	5.772	78	8877	0.193	ug/l	97
36) 1,2-Dichloroethane	5.795	62	2258	0.169	ug/l #	75
37) Trichloroethene	6.544	130	2085	0.171	ug/l	92
38) 1,2-Dichloropropane	6.785	63	2320	0.195	ug/l	92
39) Methacrylonitrile	4.994	41	122	0.044	ug/l #	23
40) Methyl acrylate	4.888	55	60	0.014	ug/l #	69
41) Tetrahydrofuran	5.058	42	91	0.061	ug/l #	28
42) 1-Chlorobutane	5.460	56	4039	0.192	ug/l	93
43) Dibromomethane	6.917	93	845	0.154	ug/l	96
44) Bromodichloromethane	7.103	83	2840	0.185	ug/l	96

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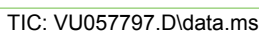
Quant Time: Feb 05 02:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
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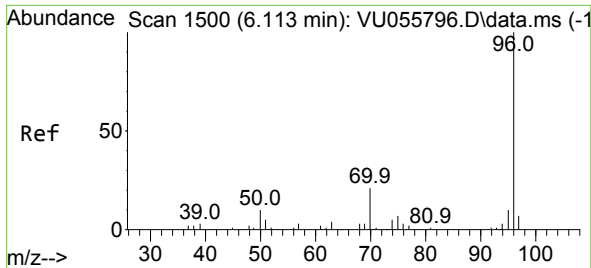
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	5130	0.879	ug/l	94
46) t-1,4-Dichloro-2-butene	10.817	75	1692	1.276	ug/l #	25
47) Methyl methacrylate	6.971	69	1416	0.293	ug/l #	89
48) Ethyl methacrylate	8.348	69	1561	0.161	ug/l	89
49) Toluene	7.968	92	5224	0.186	ug/l	89
50) t-1,3-Dichloropropene	8.209	75	2129	0.161	ug/l	100
51) cis-1,3-Dichloropropene	7.608	75	2833	0.169	ug/l #	82
52) 1,1,2-Trichloroethane	8.396	97	1375	0.182	ug/l #	89
53) 1,3-Dichloropropane	8.576	76	2507	0.185	ug/l	99
54) 2-Hexanone	8.695	43	4372	0.814	ug/l	86
55) Dibromochloromethane	8.807	129	1384	0.148	ug/l	96
56) 1,2-Dibromoethane	8.923	107	1229	0.177	ug/l	88
58) Tetrachloroethene	8.553	164	2006	0.186	ug/l	90
59) Chlorobenzene	9.450	112	5513	0.178	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.531	131	1876	0.178	ug/l	96
61) Pentachloroethane	11.425	117	1124	0.147	ug/l	86
62) Hexachloroethane	12.473	117	1327	0.159	ug/l	91
63) Ethyl Benzene	9.569	91	10069	0.182	ug/l	96
64) m/p-Xylenes	9.692	106	6454	0.322	ug/l	89
65) o-Xylene	10.100	106	3299	0.166	ug/l	88
66) Styrene	10.119	104	4841	0.164	ug/l #	78
67) Bromoform	10.290	173	745	0.155	ug/l #	81
69) Isopropylbenzene	10.483	105	9234	0.178	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.782	83	1646	0.174	ug/l #	93
71) 1,2,3-Trichloropropane	10.817	75	1692	0.217	ug/l	79
72) Bromobenzene	10.785	156	2160	0.189	ug/l	93
73) n-propylbenzene	10.904	120	4317	0.330	ug/l	93
74) 2-Chlorotoluene	10.984	126	2202	0.182	ug/l	92
75) 1,3,5-Trimethylbenzene	11.087	105	7183	0.161	ug/l	99
76) 4-Chlorotoluene	11.100	126	1893	0.155	ug/l	86
77) tert-Butylbenzene	11.415	119	7075	0.169	ug/l	94
78) 1,2,4-Trimethylbenzene	11.466	105	7626	0.168	ug/l	97
79) sec-Butylbenzene	11.640	105	9059	0.169	ug/l	100
81) p-Isopropyltoluene	11.791	119	7254	0.161	ug/l	97
82) 1,3-Dichlorobenzene	11.749	146	3957	0.171	ug/l	96
83) 1,4-Dichlorobenzene	11.839	146	3999	0.177	ug/l	100
84) n-Butylbenzene	12.209	91	7057	0.163	ug/l	96
85) 1,2-Dichlorobenzene	12.212	146	3479	0.166	ug/l	89
86) 1,2-Dibromo-3-Chloropr...	13.013	75	95	0.073	ug/l #	5
87) 1,2,4-Trichlorobenzene	13.843	180	1860	0.148	ug/l	96
88) Hexachlorobutadiene	14.019	225	1499	0.186	ug/l	92
89) Naphthalene	14.103	128	4254	0.220	ug/l #	80
90) 1,2,3-Trichlorobenzene	14.331	180	2137	0.205	ug/l #	87

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

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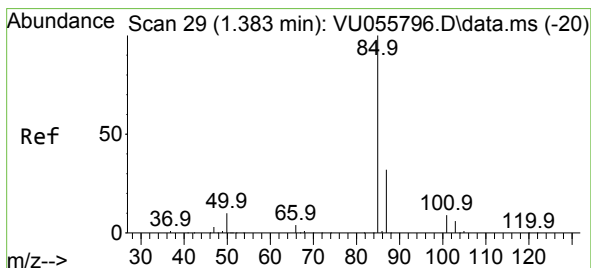
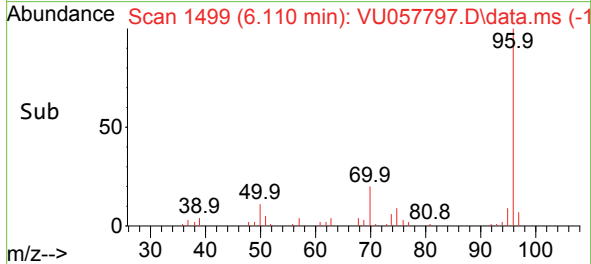
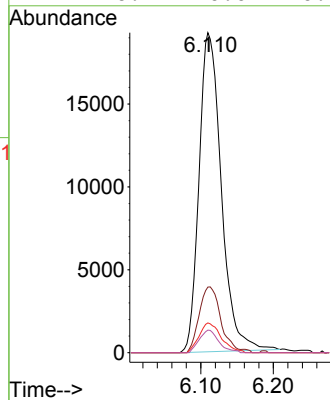
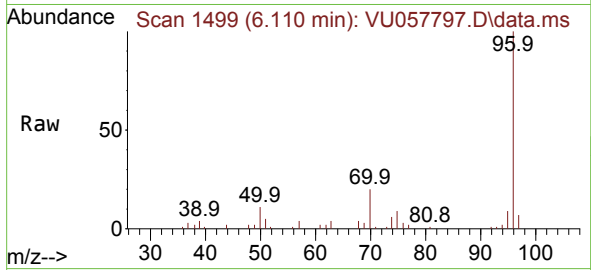




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

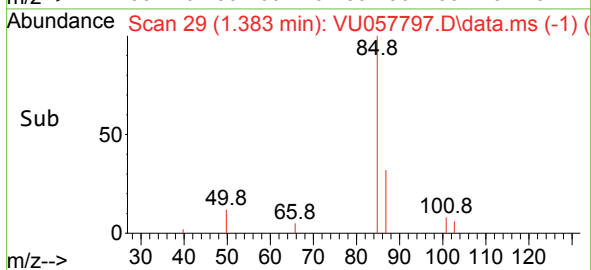
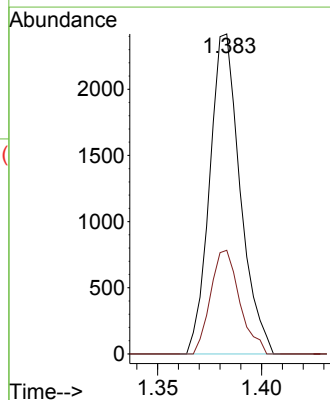
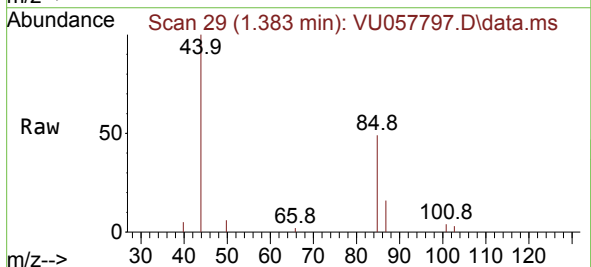
Instrument :
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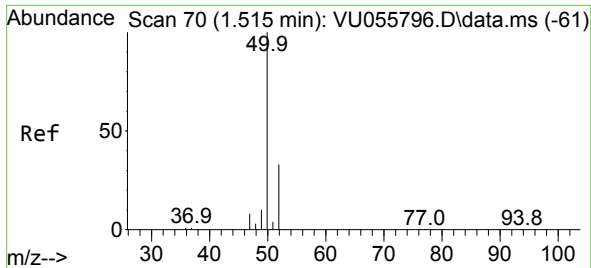
Tgt Ion: 96	Resp: 41009
Ion Ratio	Lower Upper
96 100	
70 20.2	16.5 24.7
95 9.3	7.4 11.0
97 6.2	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.181 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 85	Resp: 2470
Ion Ratio	Lower Upper
85 100	
87 32.4	16.2 48.6

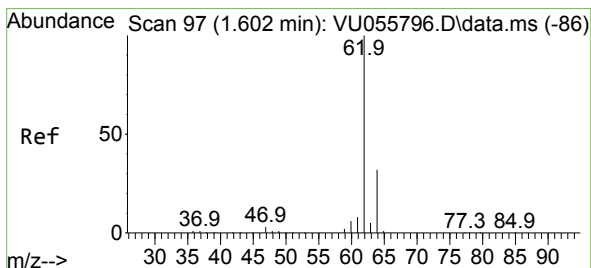
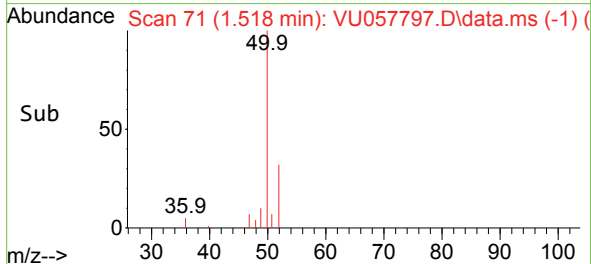
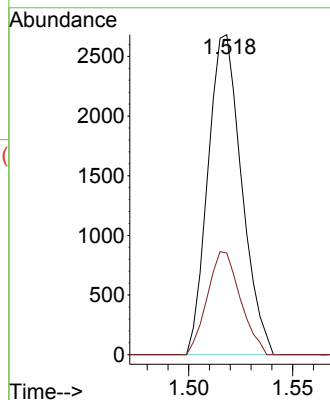
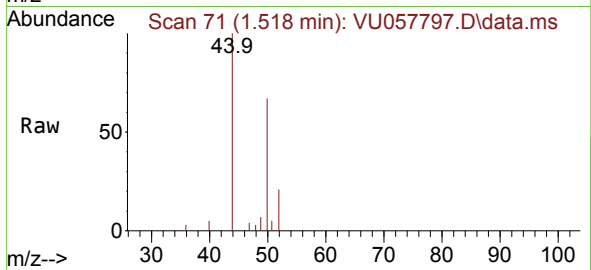




#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

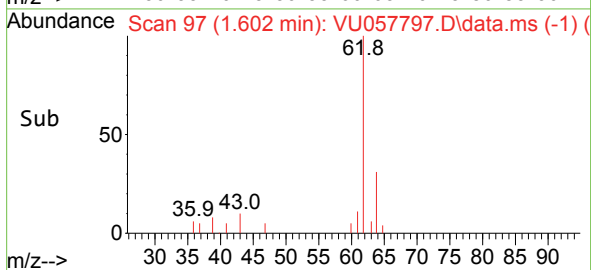
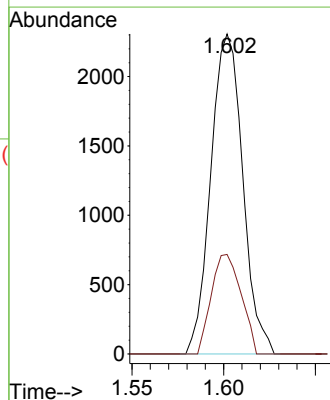
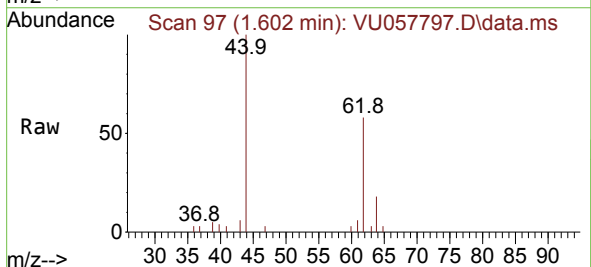
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

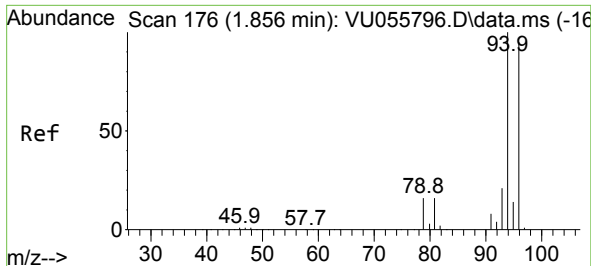
Tgt Ion: 50 Resp: 3026
Ion Ratio Lower Upper
50 100
52 29.7 26.6 40.0



#4
Vinyl Chloride
Concen: 0.209 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 62 Resp: 2793
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2

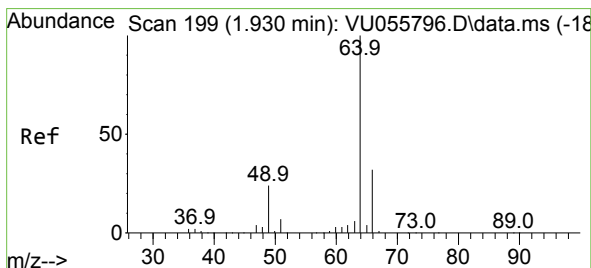
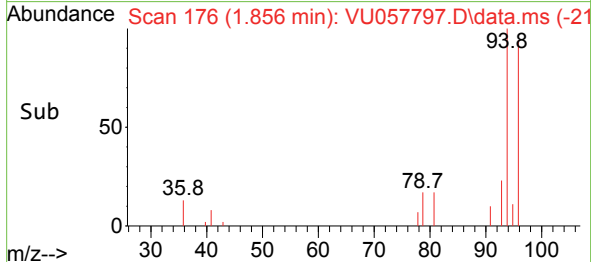
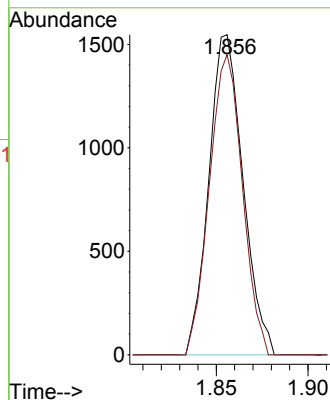
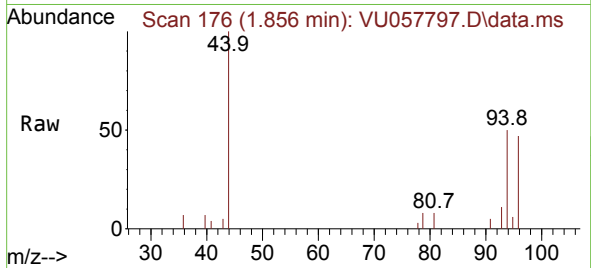




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

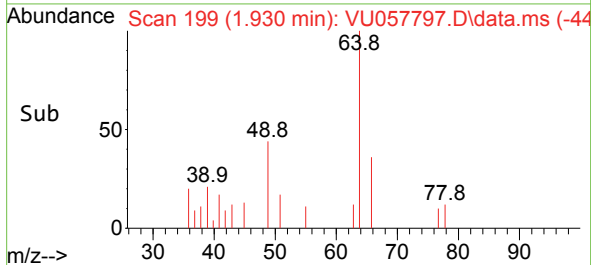
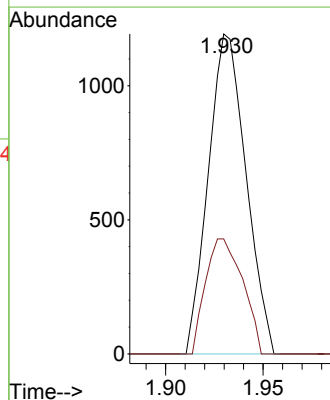
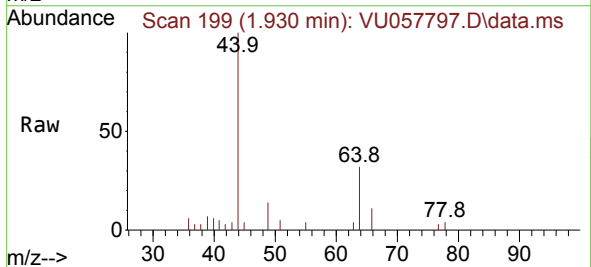
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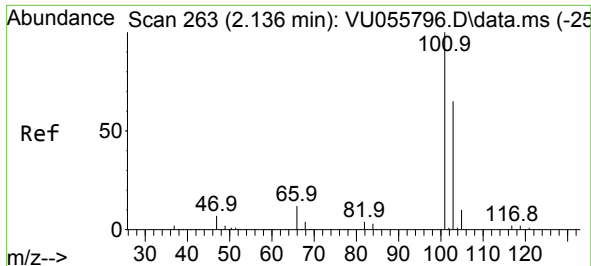
Tgt Ion: 94 Resp: 1999
Ion Ratio Lower Upper
94 100
96 93.7 75.4 113.2



#6
Chloroethane
Concen: 0.190 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 64 Resp: 1603
Ion Ratio Lower Upper
64 100
66 36.0 26.0 39.0

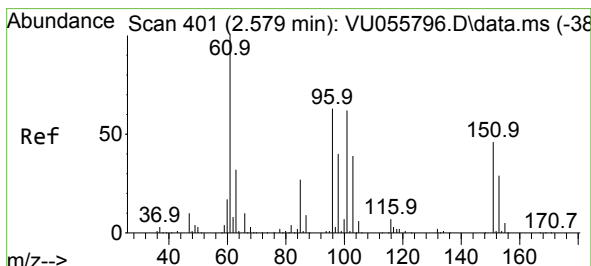
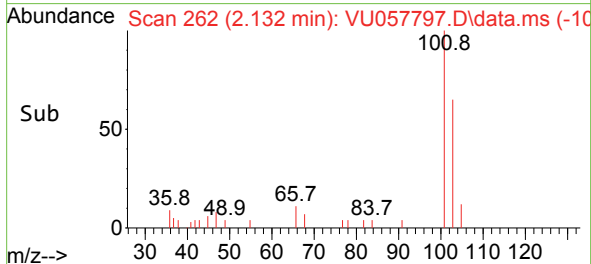
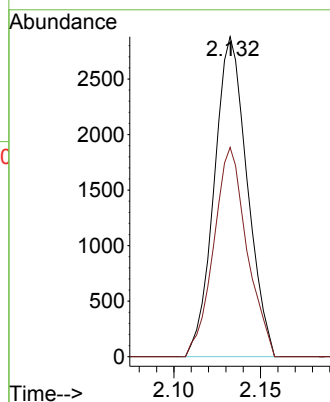
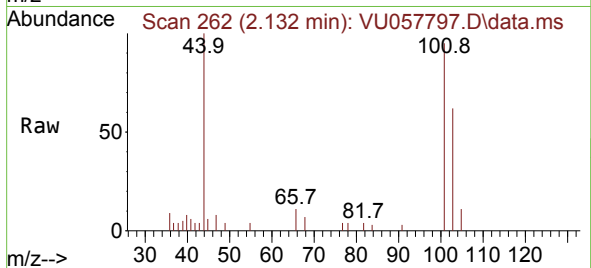




#7
Trichlorofluoromethane
Concen: 0.186 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

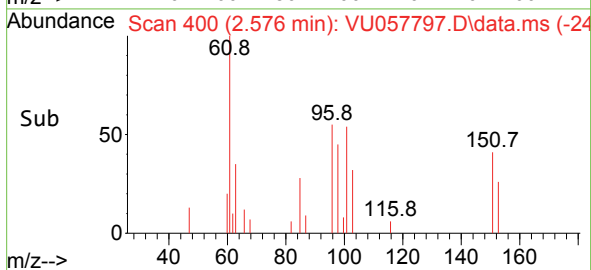
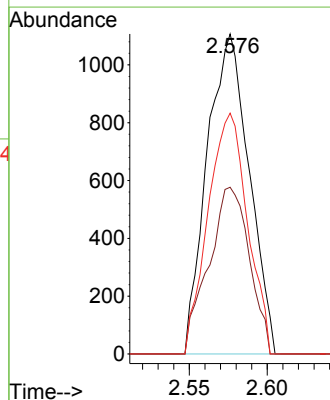
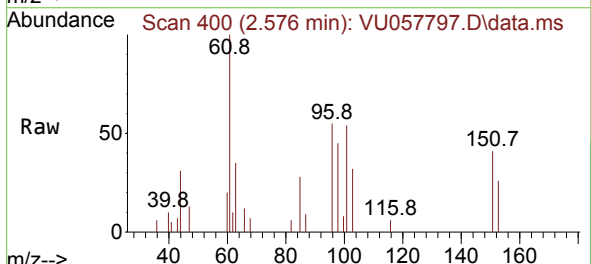
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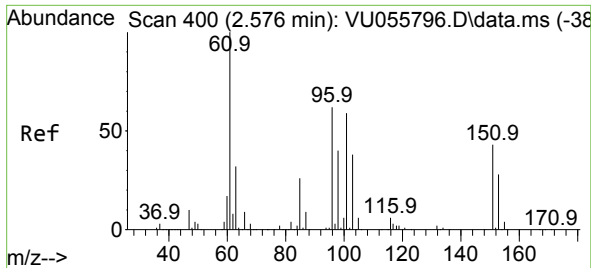
Tgt Ion:101 Resp: 3815
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.197 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057797.D
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Tgt Ion:101 Resp: 2074
Ion Ratio Lower Upper
101 100
85 50.5 35.4 53.0
151 70.9 54.0 81.0

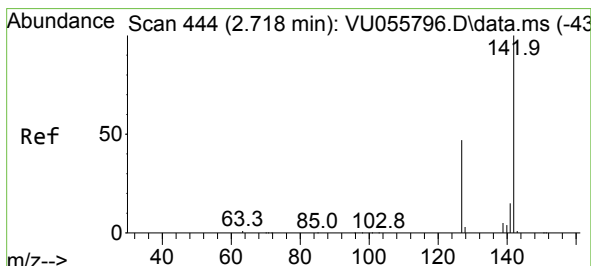
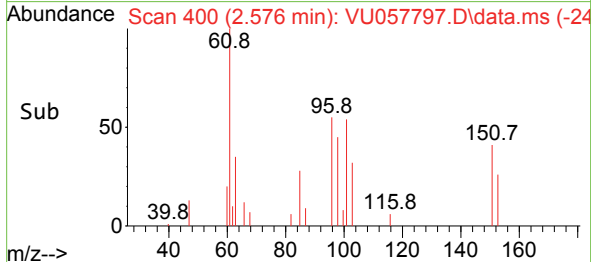
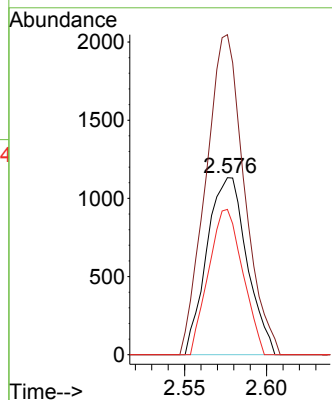
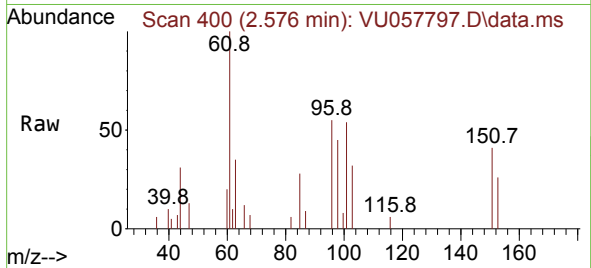




#9
1,1-Dichloroethene
Concen: 0.188 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

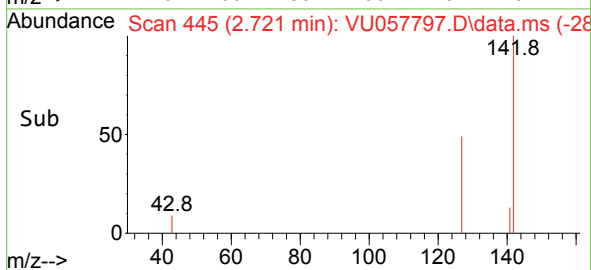
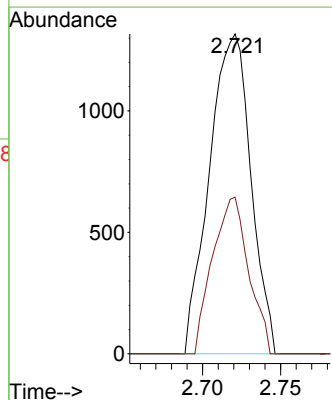
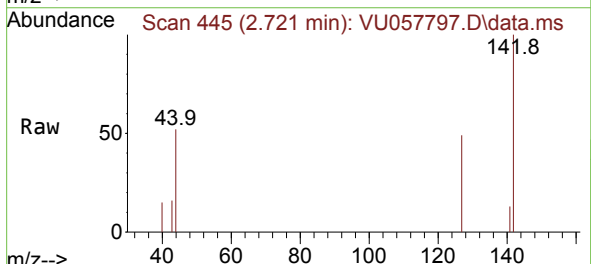
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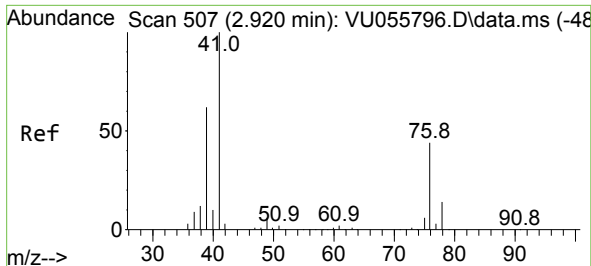
Tgt Ion: 96 Resp: 1916
Ion Ratio Lower Upper
96 100
61 180.8 0.0 521.4
98 82.2 0.0 125.8



#10
Iodomethane
Concen: 0.202 ug/l
RT: 2.721 min Scan# 445
Delta R.T. 0.003 min
Lab File: VU057797.D
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Tgt Ion: 142 Resp: 2437
Ion Ratio Lower Upper
142 100
127 42.6 35.9 53.9

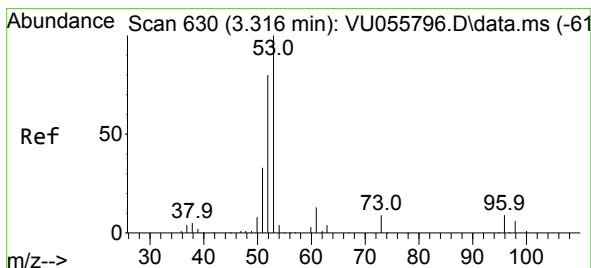
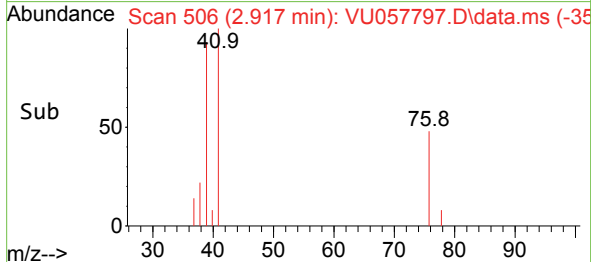
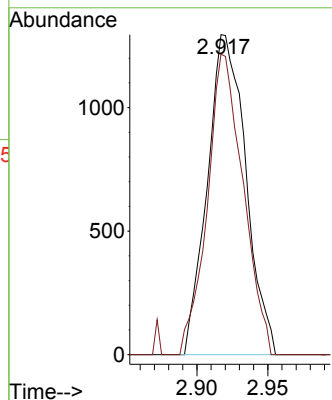
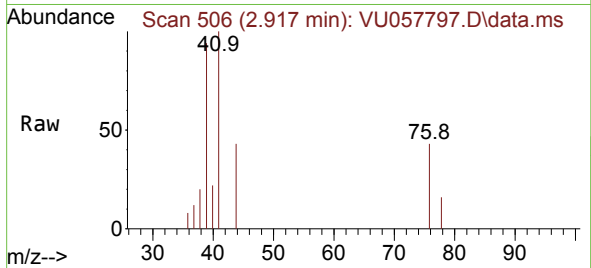




#11
 Allyl Chloride
 Concen: 0.177 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057797.D
 Acq: 02 Feb 2024 17:17

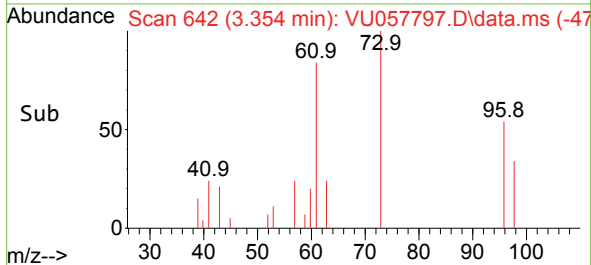
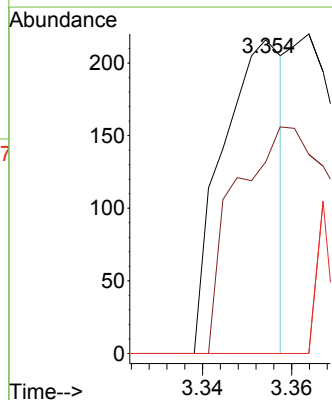
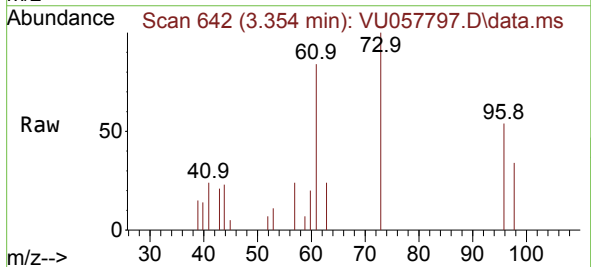
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

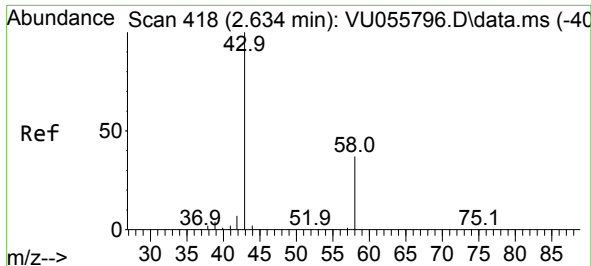
Tgt Ion: 41 Resp: 2442
 Ion Ratio Lower Upper
 41 100
 39 87.3 54.2 81.2#



#12
 Acrylonitrile
 Concen: 0.117 ug/l
 RT: 3.354 min Scan# 642
 Delta R.T. 0.038 min
 Lab File: VU057797.D
 Acq: 02 Feb 2024 17:17

Tgt Ion: 53 Resp: 203
 Ion Ratio Lower Upper
 53 100
 52 111.3 62.9 94.3#
 51 0.0 27.8 41.6#





#13

Acetone

Concen: 0.877 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

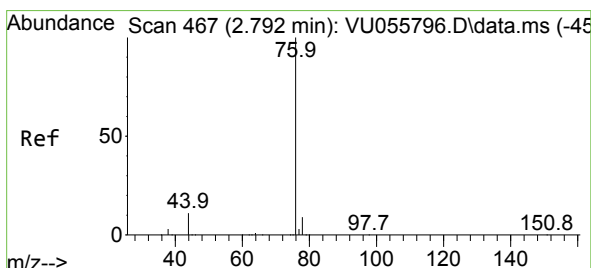
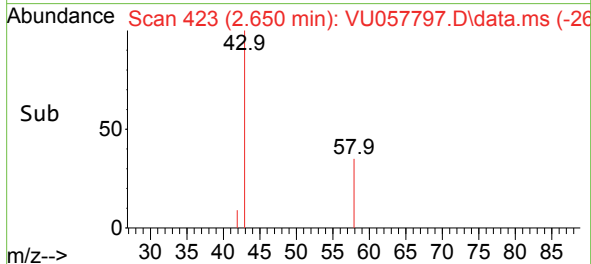
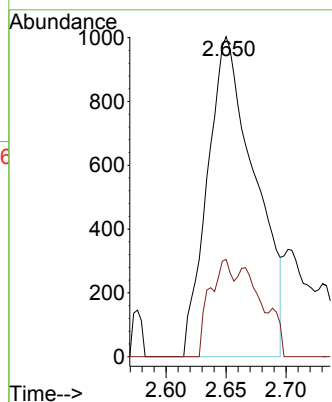
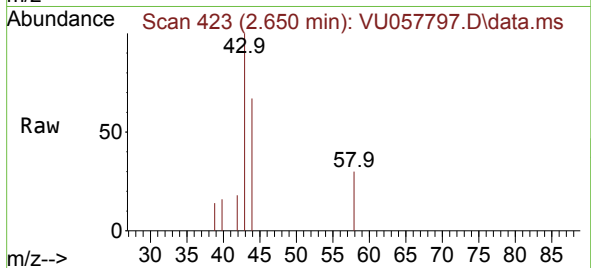
MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

43 100

58 30.4 29.0 43.4



#14

Carbon Disulfide

Concen: 0.196 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057797.D

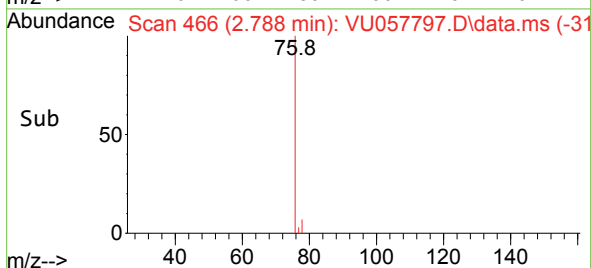
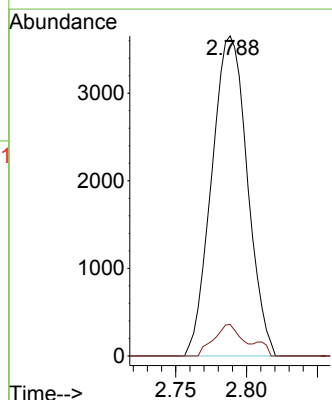
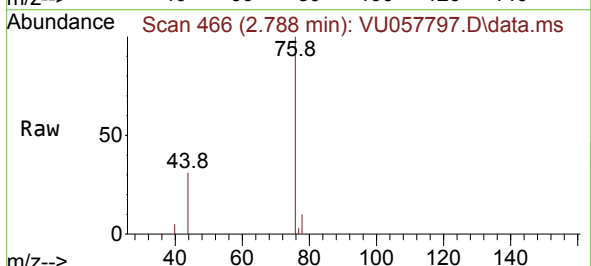
Acq: 02 Feb 2024 17:17

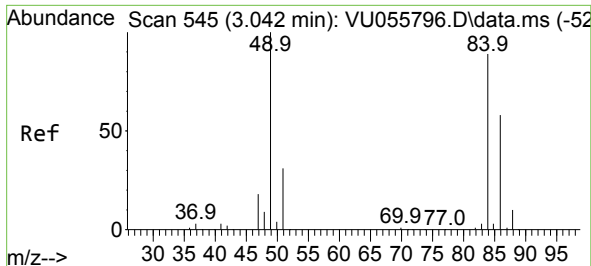
Tgt Ion: 76 Resp: 6396

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

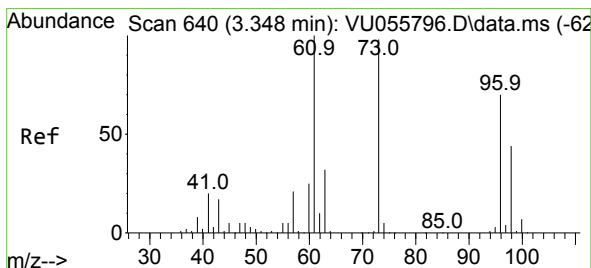
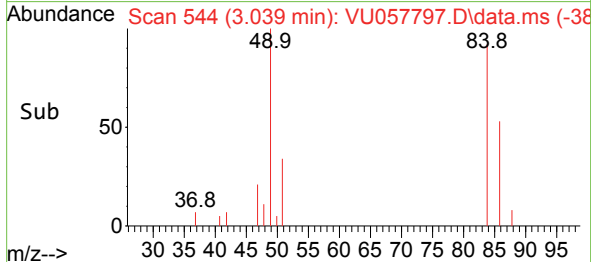
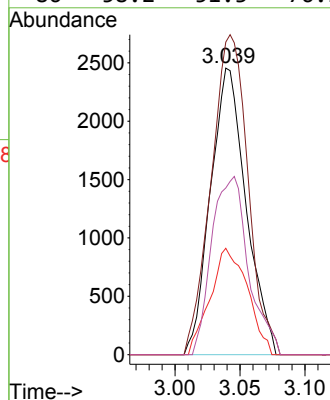
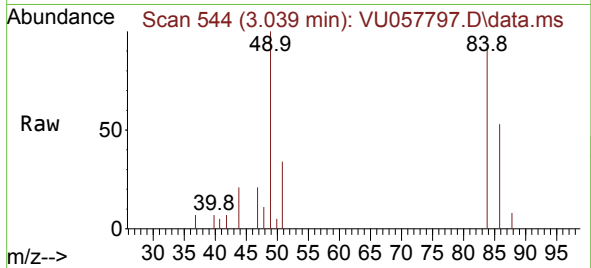




#15
Methylene Chloride
Concen: 0.384 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

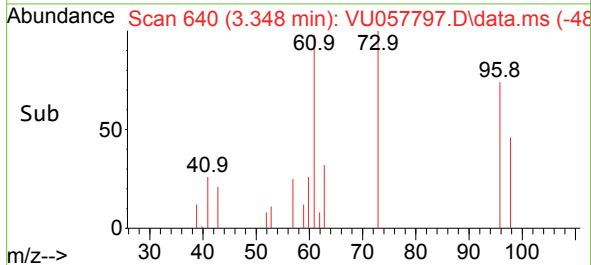
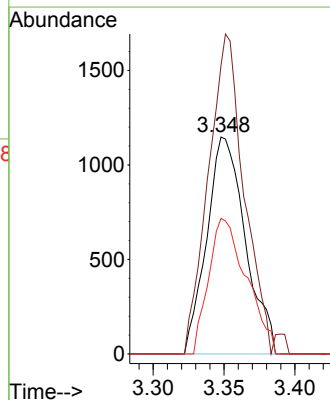
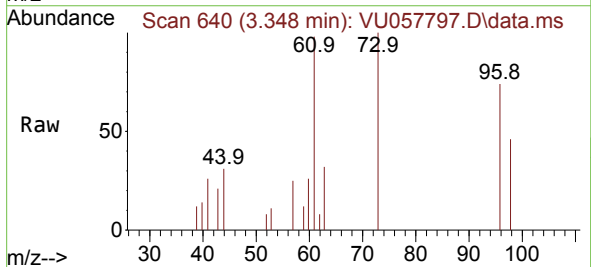
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

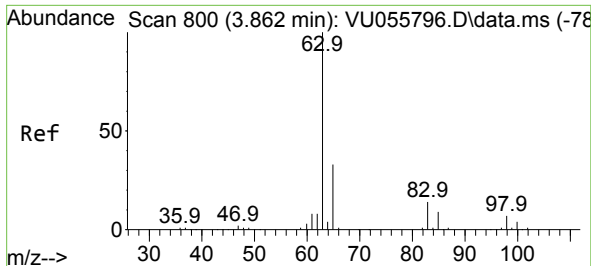
Tgt Ion:	84	Resp:	4670
Ion	Ratio	Lower	Upper
84	100		
49	109.1	98.9	148.3
51	37.1	0.0	75.4
86	58.2	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.195 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:	96	Resp:	2174
Ion	Ratio	Lower	Upper
96	100		
61	132.9	117.5	176.3
98	62.5	48.3	72.5

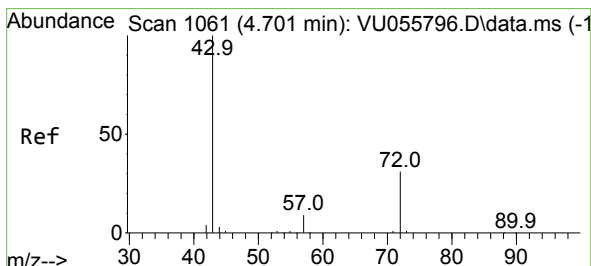
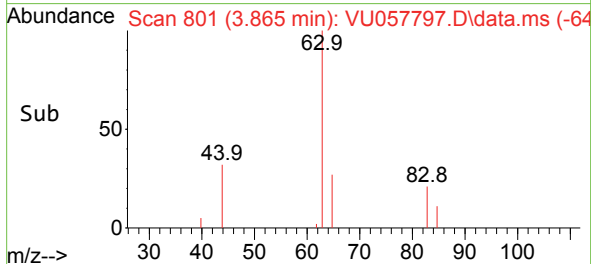
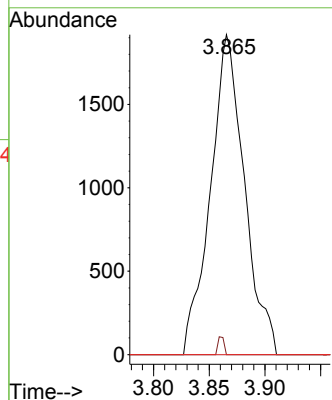
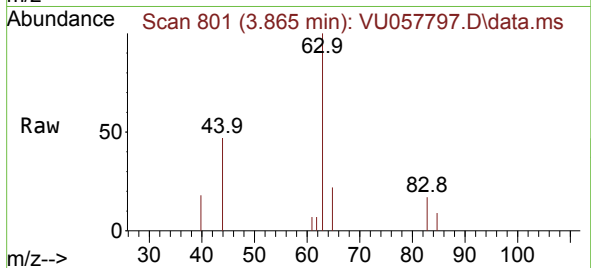




#17
1,1-Dichloroethane
Concen: 0.194 ug/l
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

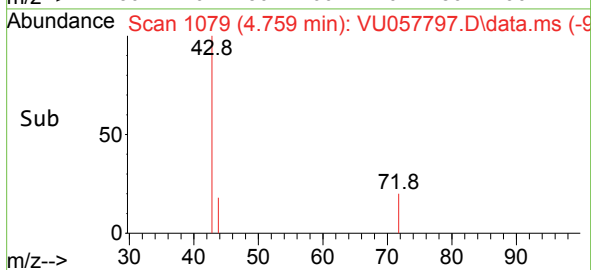
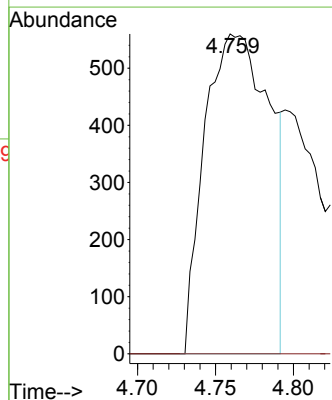
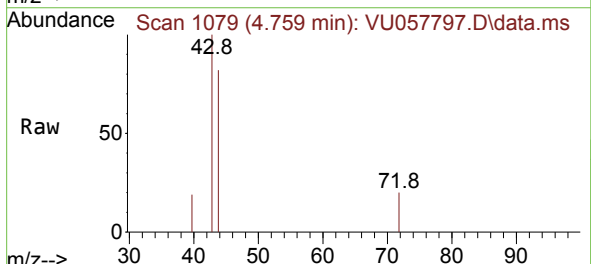
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

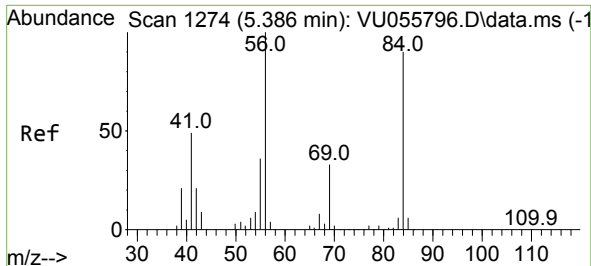
Tgt Ion: 63 Resp: 4066
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.2 6.6#



#18
2-Butanone
Concen: 0.480 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.058 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.6





#19

Cyclohexane

Concen: 0.210 ug/l

RT: 5.383 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

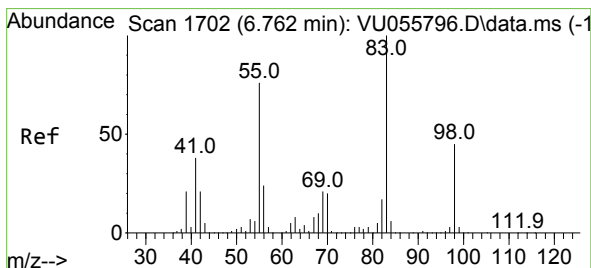
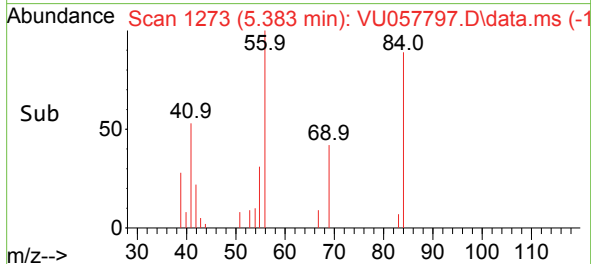
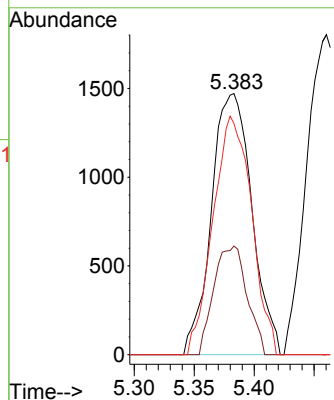
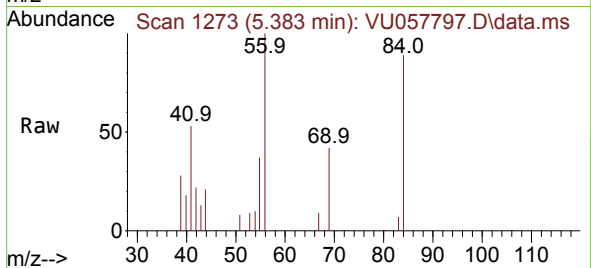
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 56	Resp: 3454
Ion Ratio	Lower Upper
56	100
69	34.0 24.6 37.0
84	86.9 68.4 102.6



#20

Methylcyclohexane

Concen: 0.178 ug/l

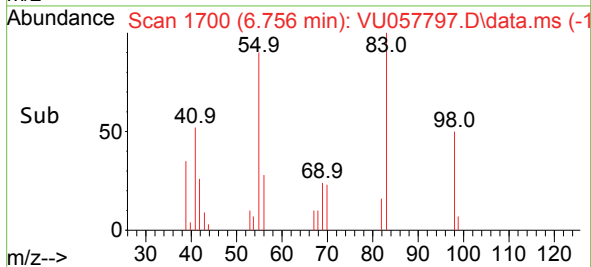
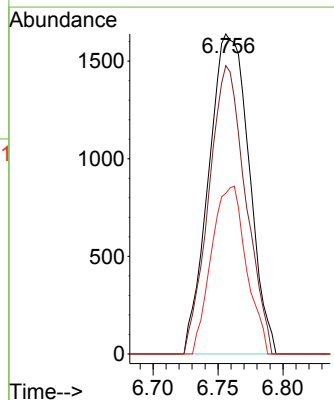
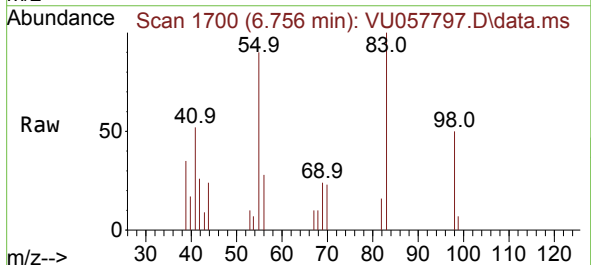
RT: 6.756 min Scan# 1700

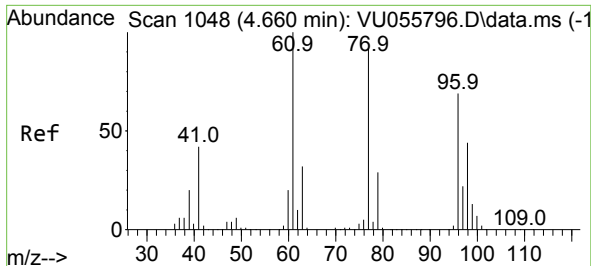
Delta R.T. -0.006 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Tgt Ion: 83	Resp: 3539
Ion Ratio	Lower Upper
83	100
55	82.2 63.5 95.3
98	45.3 36.0 54.0

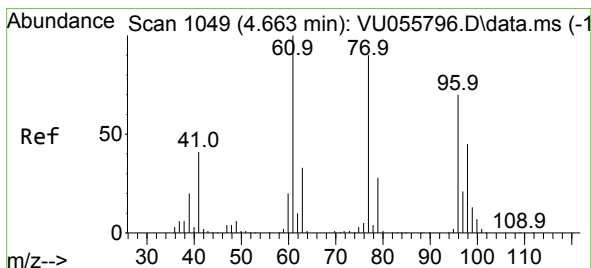
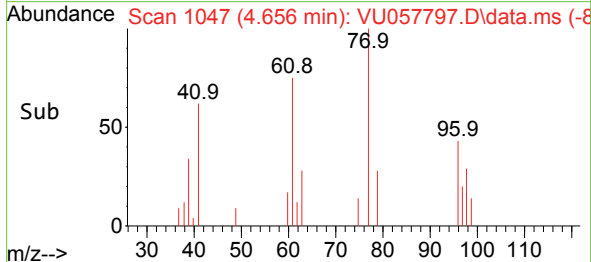
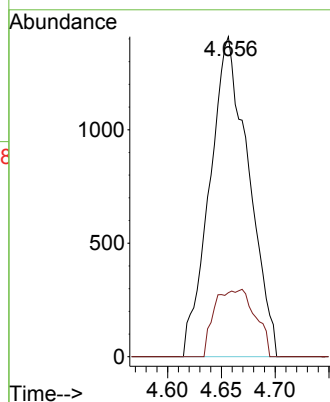
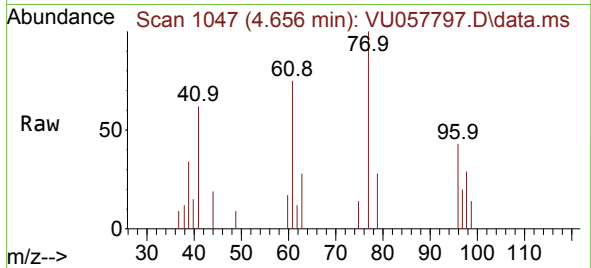




#21
2,2-Dichloropropane
Concen: 0.190 ug/l
RT: 4.656 min Scan# 1050
Delta R.T. -0.004 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

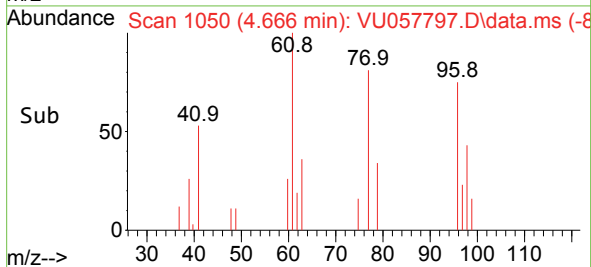
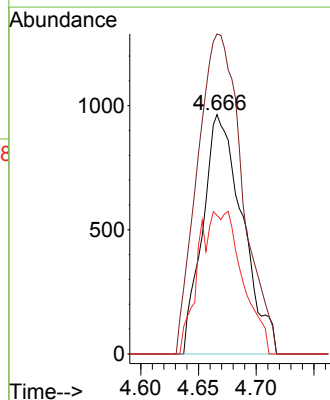
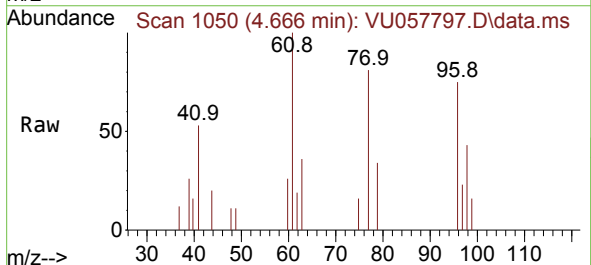
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

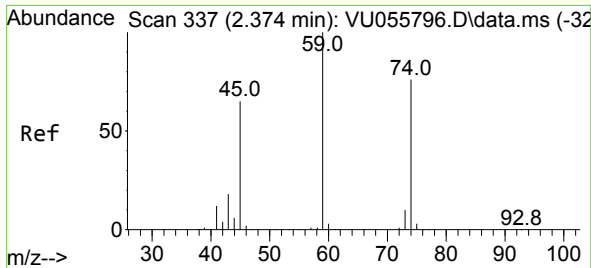
Tgt Ion: 77 Resp: 3539
Ion Ratio Lower Upper
77 100
97 22.0 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 150.9 0.0 365.8
98 17.1 32.0 96.0#

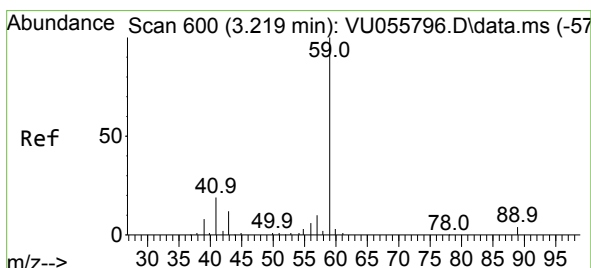
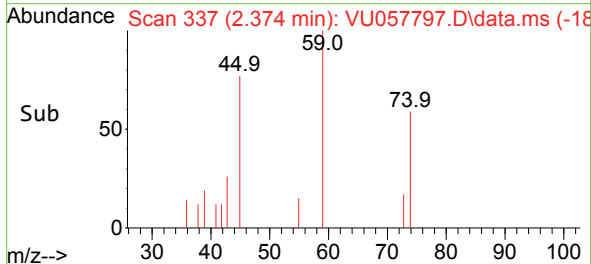
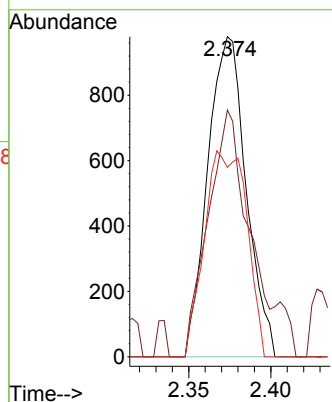
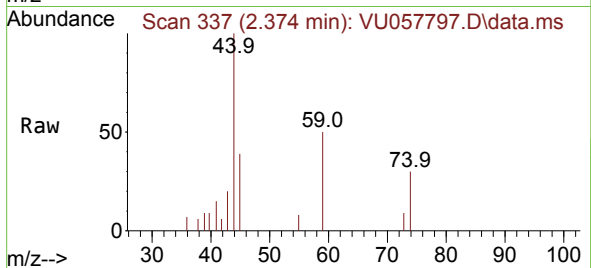




#23
Diethyl Ether
Concen: 0.216 ug/l
RT: 2.374 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

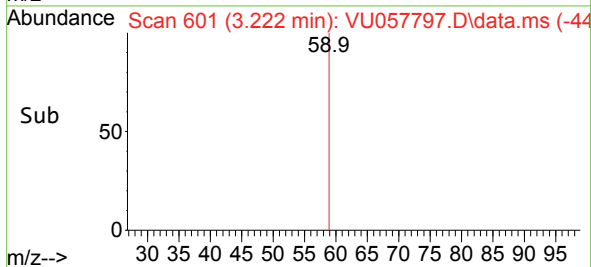
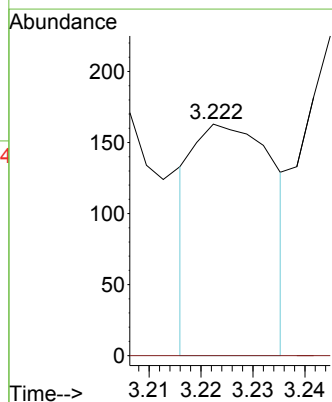
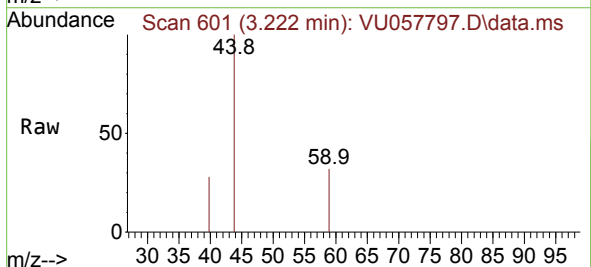
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

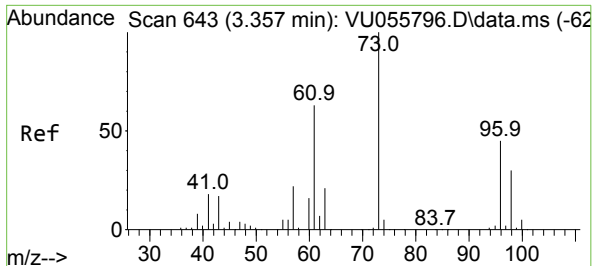
Tgt Ion: 59 Resp: 1590
Ion Ratio Lower Upper
59 100
45 86.9 56.1 84.1#
74 70.9 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 0.209 ug/l
RT: 3.222 min Scan# 601
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#

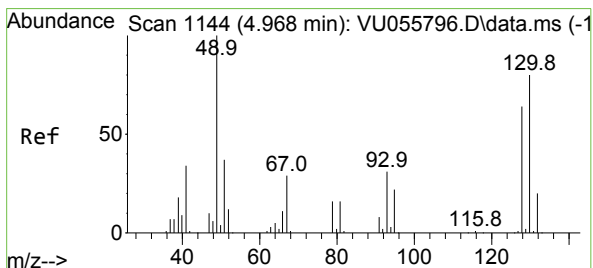
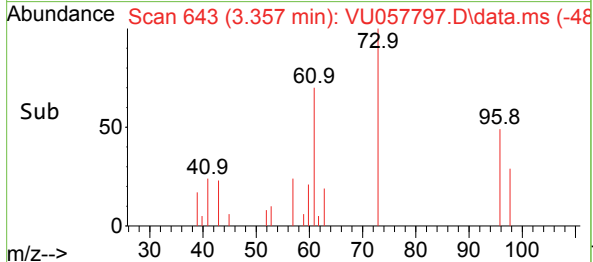
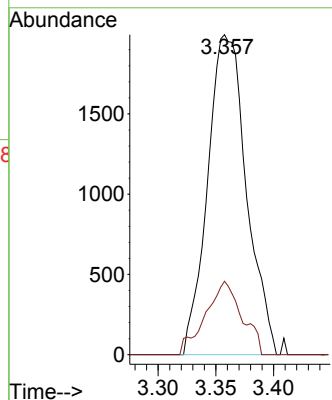
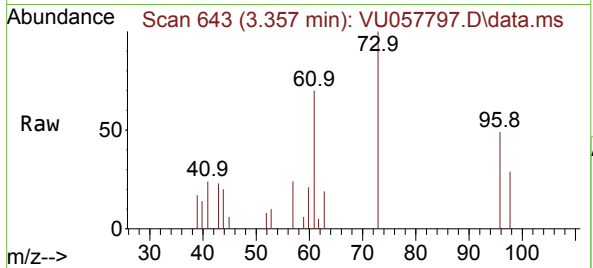




#25
Methyl tert-Butyl Ether
Concen: 0.195 ug/l
RT: 3.357 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

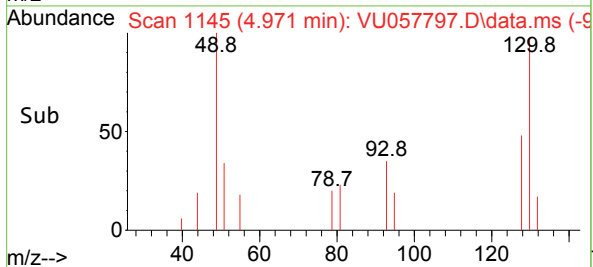
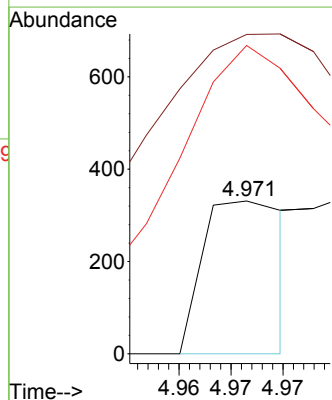
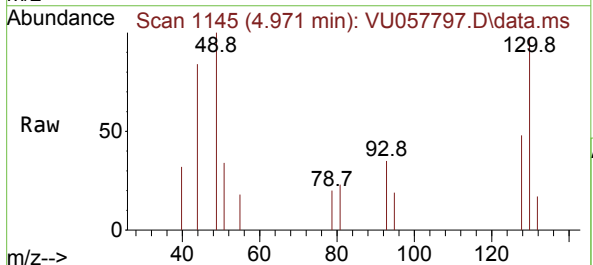
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

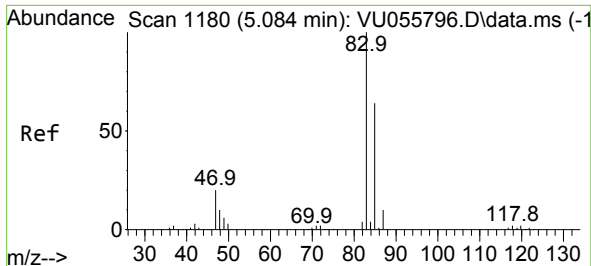
Tgt Ion: 73 Resp: 4662
Ion Ratio Lower Upper
73 100
43 21.5 15.0 22.6



#26
Bromochloromethane
Concen: 0.038 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 128 Resp: 186
Ion Ratio Lower Upper
128 100
49 736.0 0.0 324.6#
130 578.5 103.0 154.4#





#27

Chloroform

Concen: 0.200 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

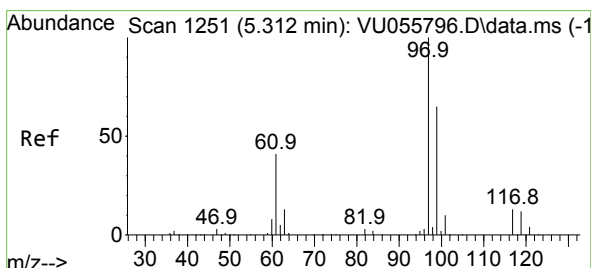
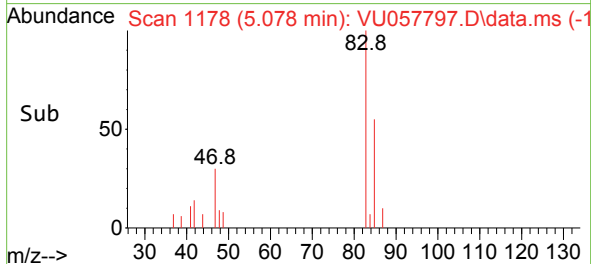
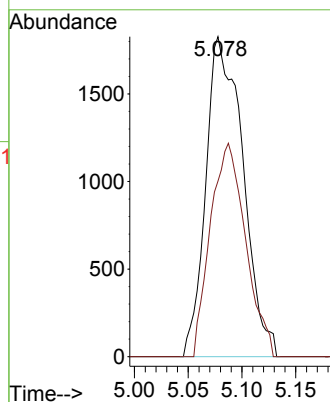
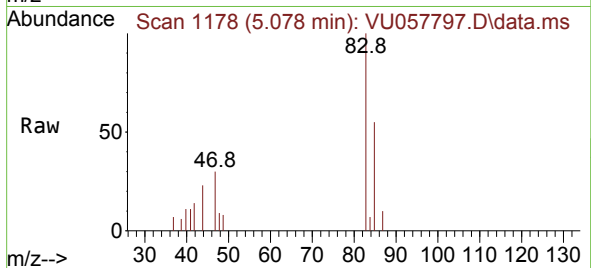
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 4369

Ion Ratio Lower Upper

83 100

85 54.8 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 0.177 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

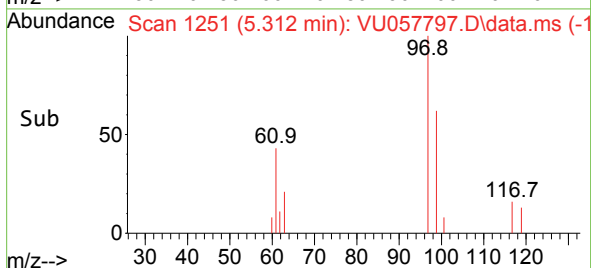
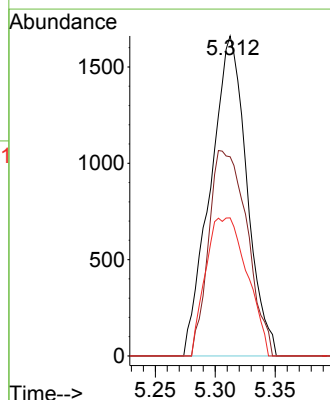
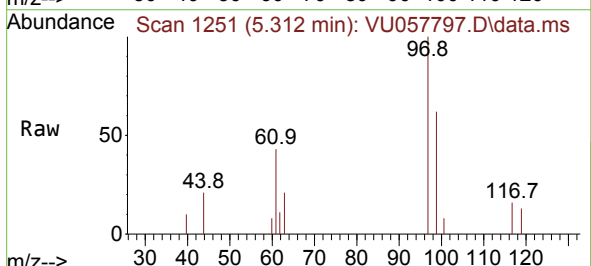
Tgt Ion: 97 Resp: 3497

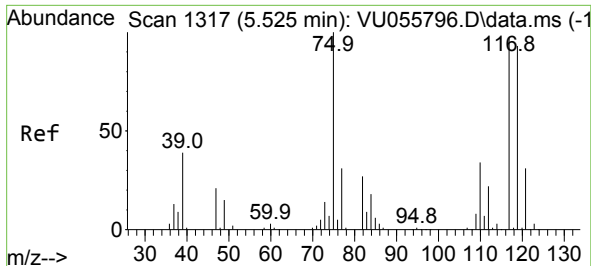
Ion Ratio Lower Upper

97 100

99 67.8 32.0 96.2

61 49.2 22.9 68.5

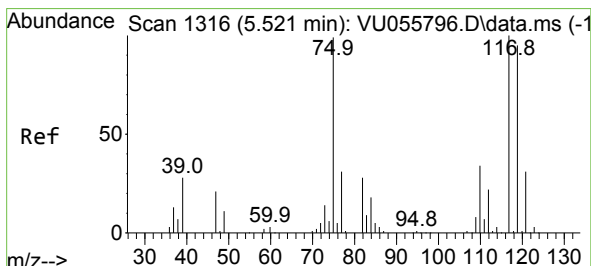
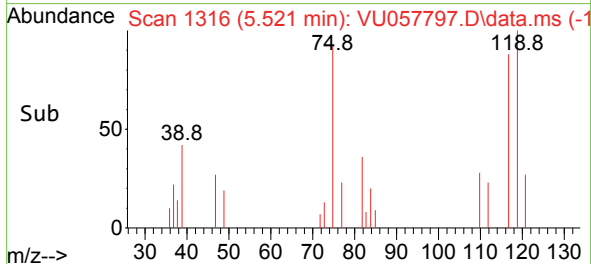
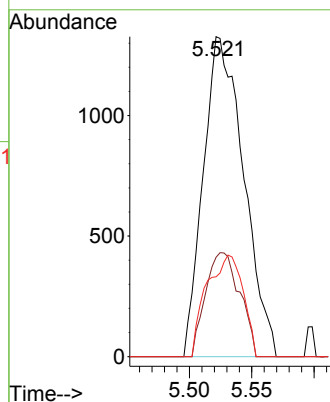
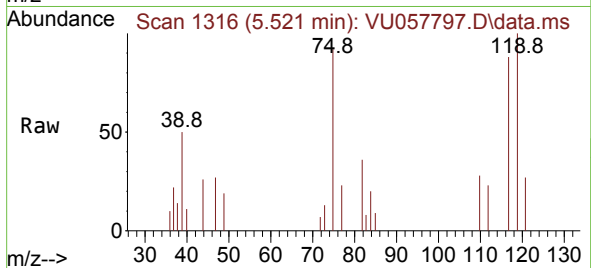




#29
1,1-Dichloropropene
Concen: 0.187 ug/l
RT: 5.521 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

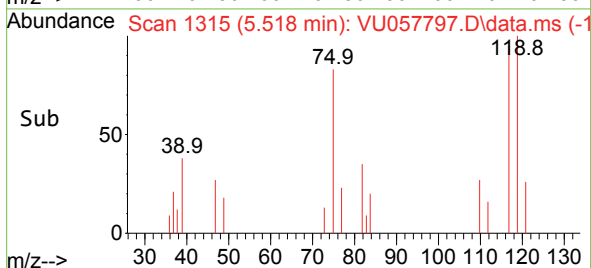
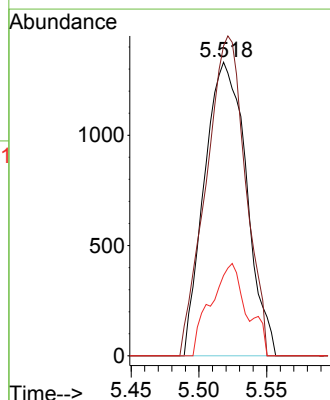
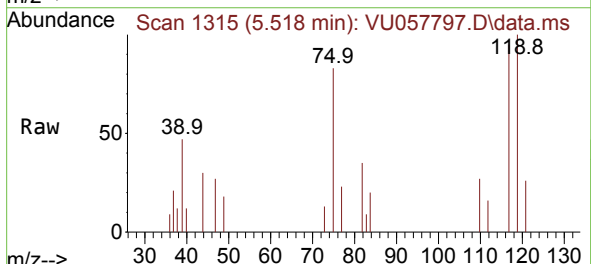
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

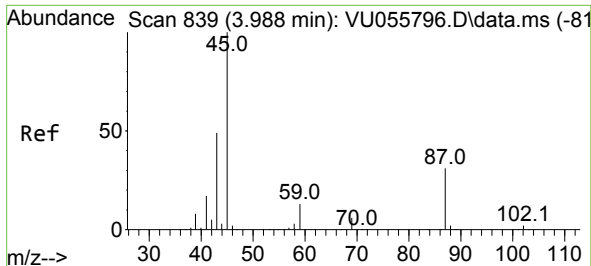
Tgt Ion: 75 Resp: 2986
Ion Ratio Lower Upper
75 100
110 27.6 18.0 54.0
77 28.6 24.7 37.1



#30
Carbon Tetrachloride
Concen: 0.169 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 117 Resp: 2865
Ion Ratio Lower Upper
117 100
119 105.6 77.4 116.0
121 27.3 24.0 36.0

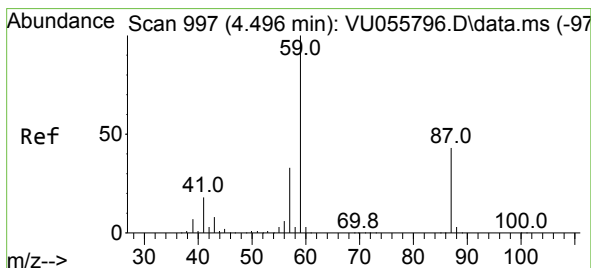
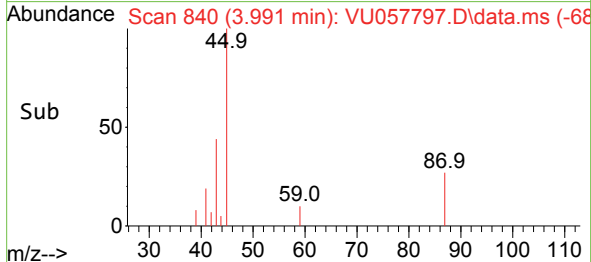
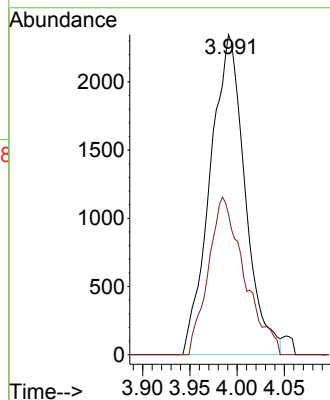
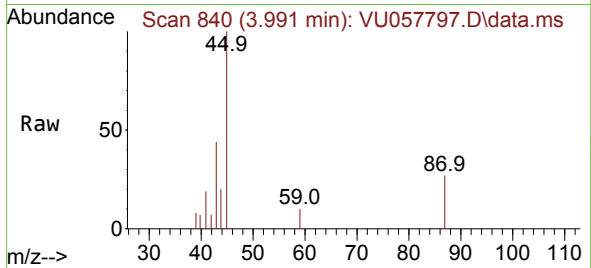




#31
Isopropyl Ether
Concen: 0.196 ug/l
RT: 3.991 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

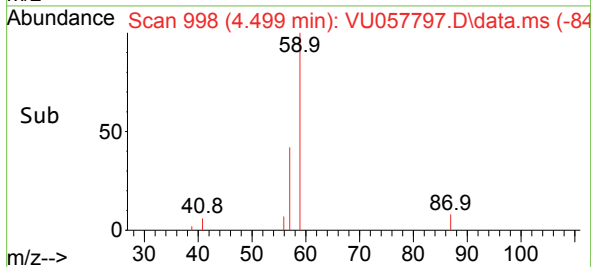
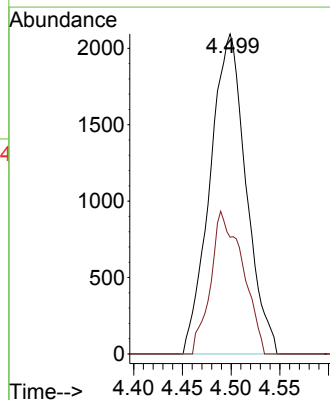
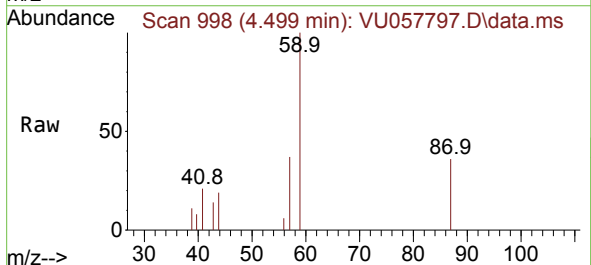
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

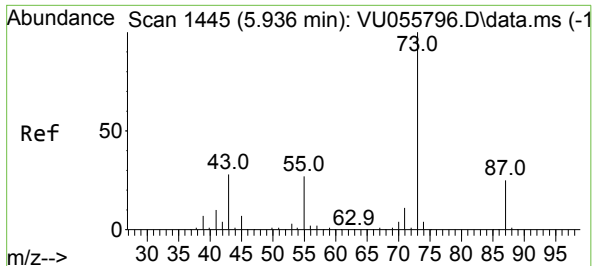
Tgt Ion: 45 Resp: 6026
Ion Ratio Lower Upper
45 100
43 50.7 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 0.189 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 59 Resp: 5389
Ion Ratio Lower Upper
59 100
87 39.7 33.5 50.3

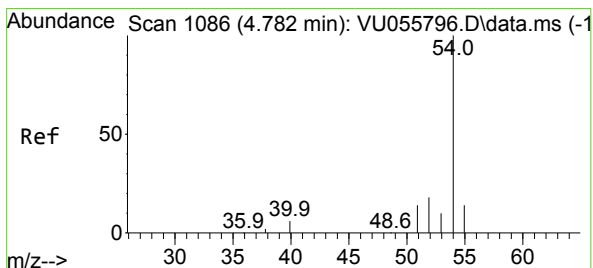
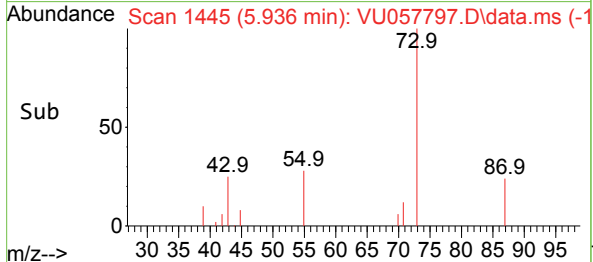
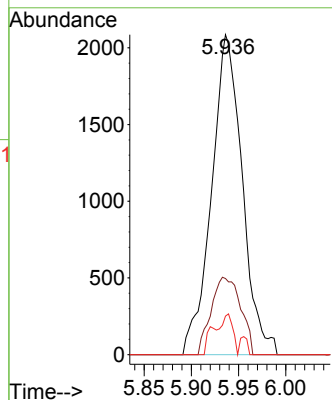
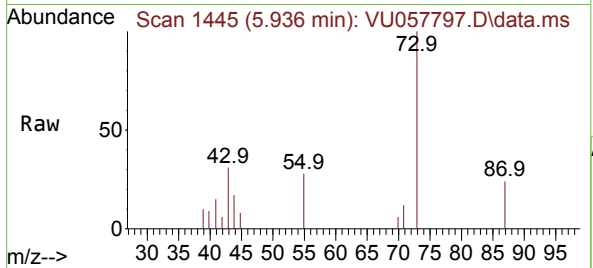




#33
Tert-Amyl methyl ether
Concen: 0.196 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

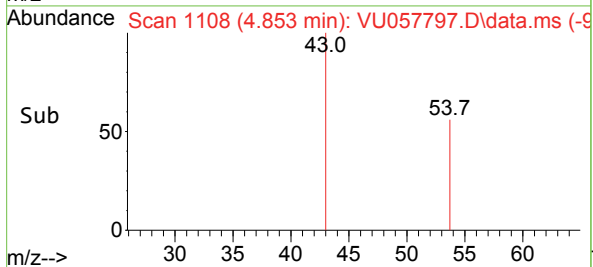
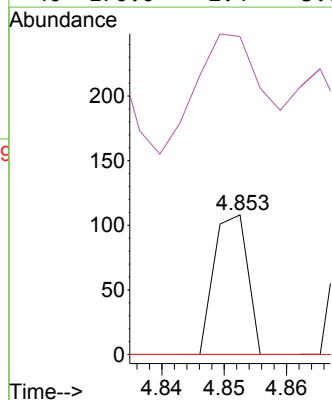
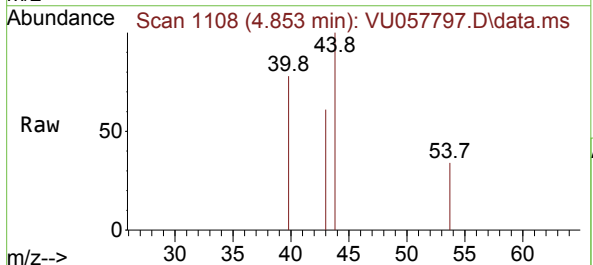
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

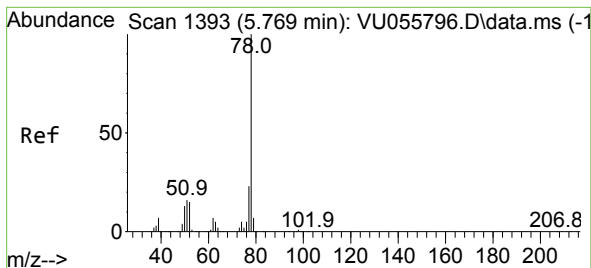
Tgt Ion: 73	Resp:	4703
Ion	Ratio	Lower Upper
73	100	
87	23.3	18.6 28.0
71	5.0	9.9 14.9#



#34
Propionitrile
Concen: 0.057 ug/l
RT: 4.853 min Scan# 1108
Delta R.T. 0.071 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 54	Resp:	40
Ion	Ratio	Lower Upper
54	100	
52	0.0	17.4 26.0#
55	0.0	104.1 156.1#
40	170.0	2.4 3.6#





#35

Benzene

Concen: 0.193 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

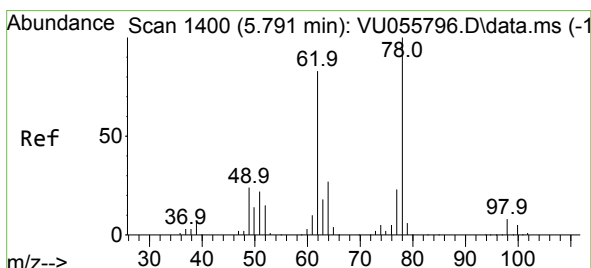
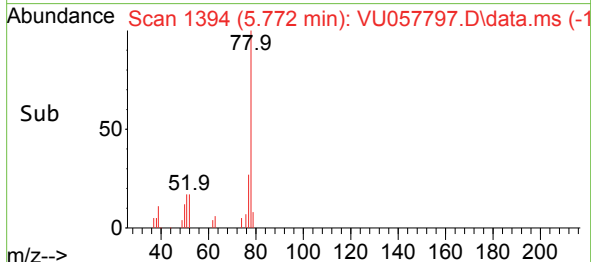
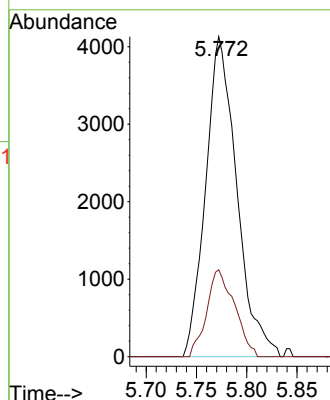
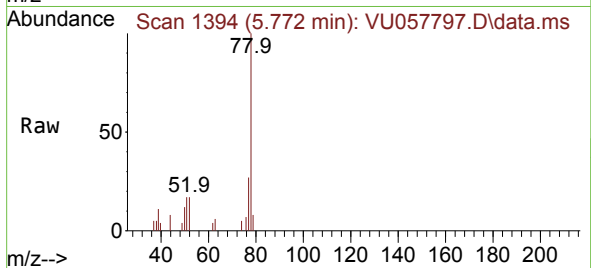
MDL-WATER-03-QT1-2024

Tgt Ion: 78 Resp: 8877

Ion Ratio Lower Upper

78 100

77 25.0 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.169 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.004 min

Lab File: VU057797.D

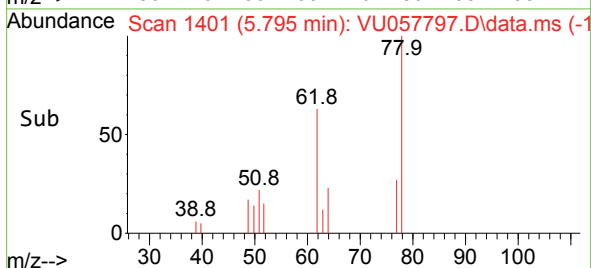
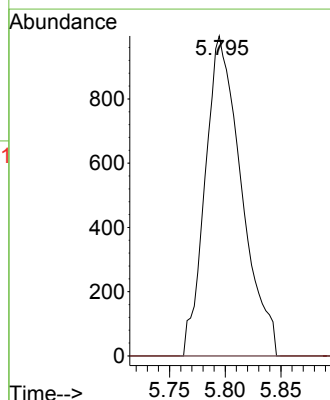
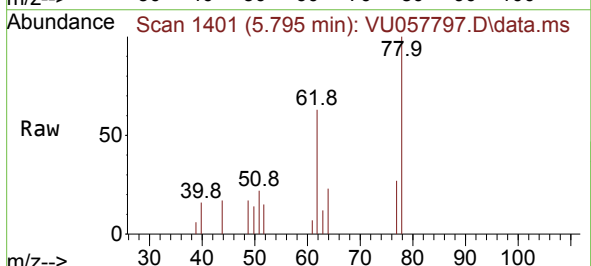
Acq: 02 Feb 2024 17:17

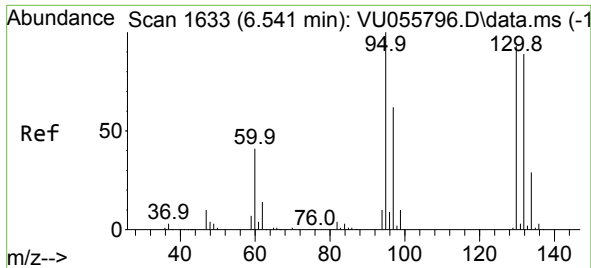
Tgt Ion: 62 Resp: 2258

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#

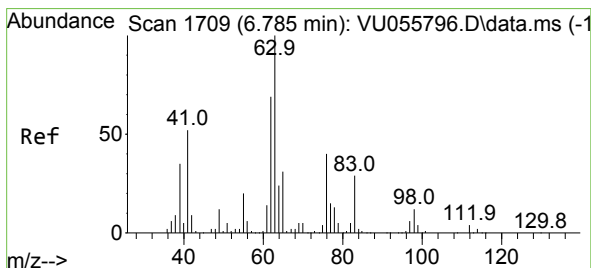
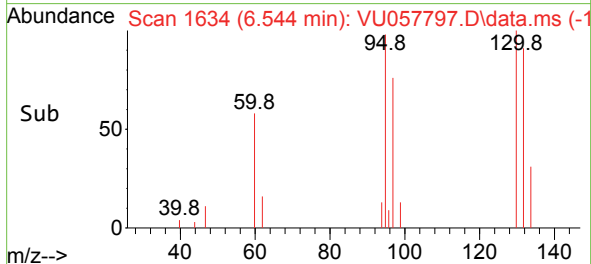
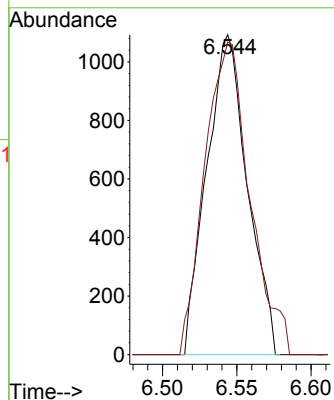
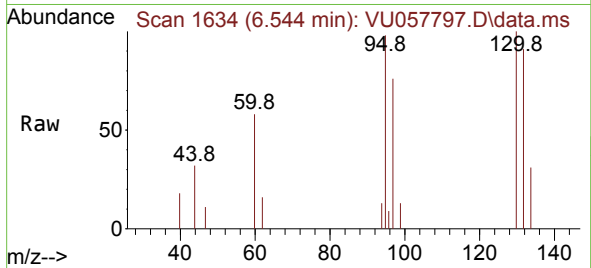




#37
Trichloroethene
Concen: 0.171 ug/l
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

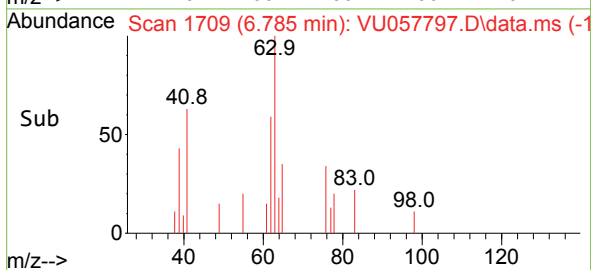
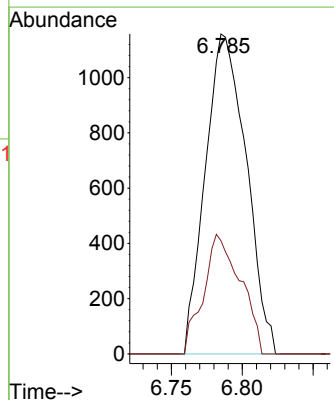
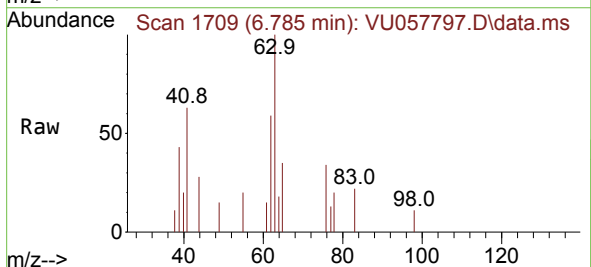
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

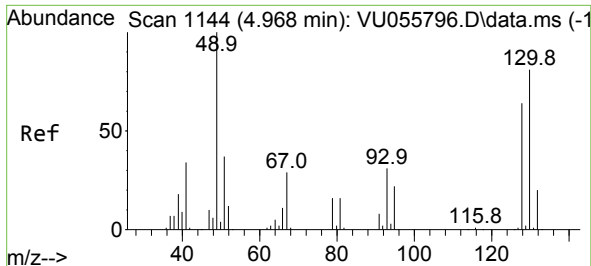
Tgt Ion:130 Resp: 2085
Ion Ratio Lower Upper
130 100
95 97.7 85.0 127.6



#38
1,2-Dichloropropane
Concen: 0.195 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 63 Resp: 2320
Ion Ratio Lower Upper
63 100
65 35.3 24.9 37.3





#39

Methacrylonitrile

Concen: 0.044 ug/l

RT: 4.994 min Scan# 1119

Delta R.T. 0.026 min

Lab File: VU057797.D

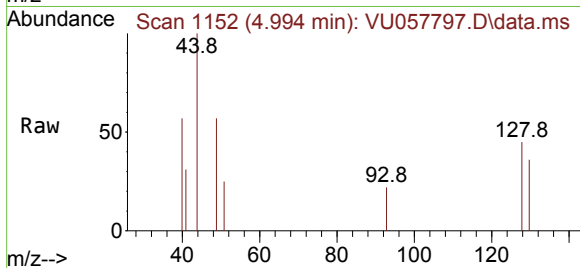
Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 41 Resp: 122

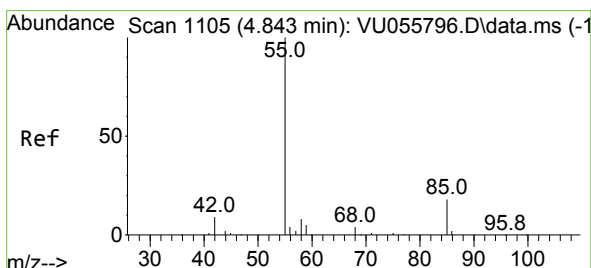
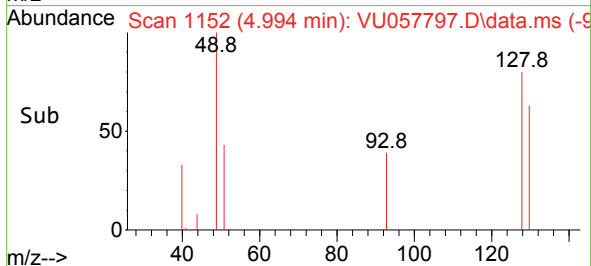
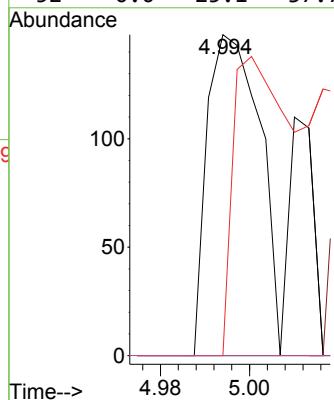
Ion Ratio Lower Upper

41 100

67 0.0 66.8 100.2#

39 96.7 41.2 61.8#

52 0.0 25.1 37.7#



#40

Methyl acrylate

Concen: 0.014 ug/l

RT: 4.888 min Scan# 1119

Delta R.T. 0.045 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Tgt Ion: 55 Resp: 60

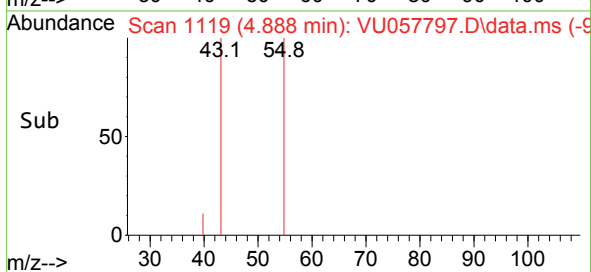
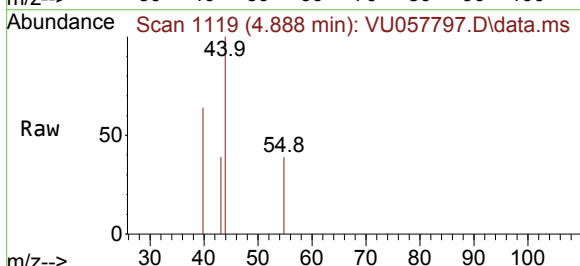
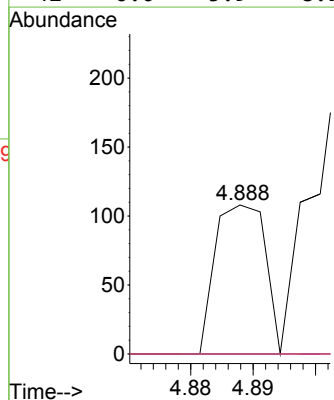
Ion Ratio Lower Upper

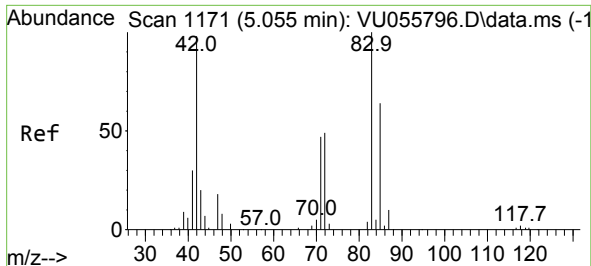
55 100

85 0.0 13.3 19.9#

58 0.0 6.5 9.7#

42 0.0 5.9 8.9#





#41

Tetrahydrofuran

Concen: 0.061 ug/l

RT: 5.058 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

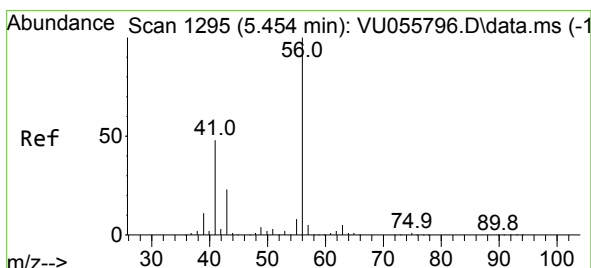
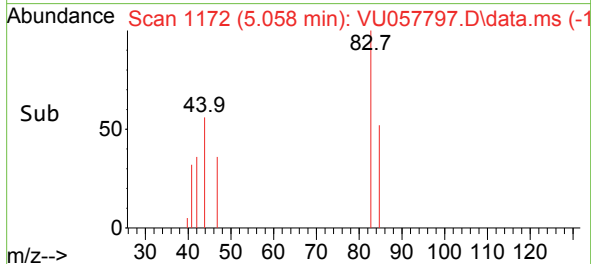
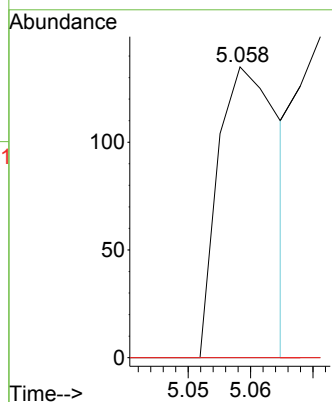
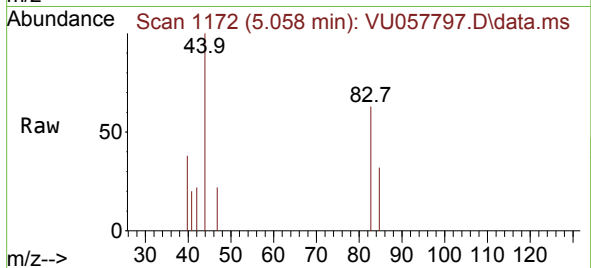
Tgt Ion: 42 Resp: 91

Ion Ratio Lower Upper

42 100

72 0.0 40.9 61.3#

71 0.0 36.9 55.3#



#42

1-Chlorobutane

Concen: 0.192 ug/l

RT: 5.460 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VU057797.D

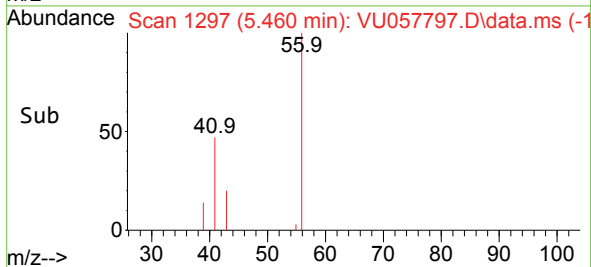
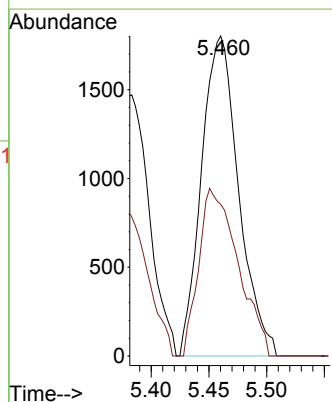
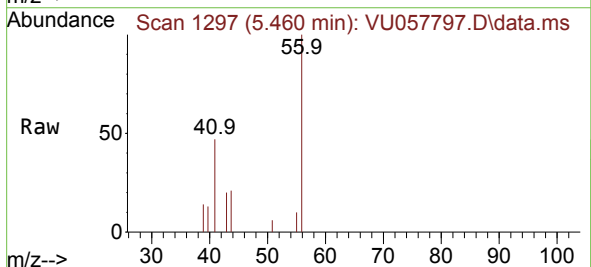
Acq: 02 Feb 2024 17:17

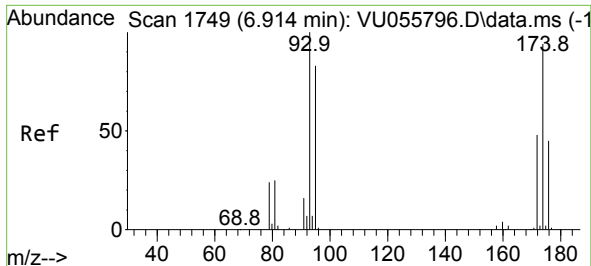
Tgt Ion: 56 Resp: 4039

Ion Ratio Lower Upper

56 100

41 55.0 25.2 75.6

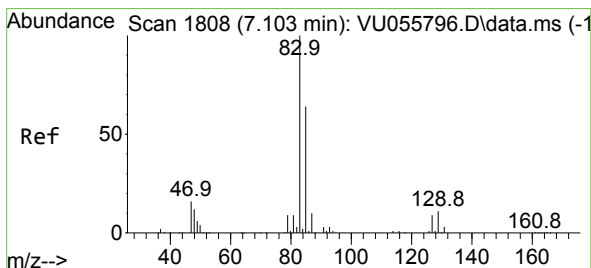
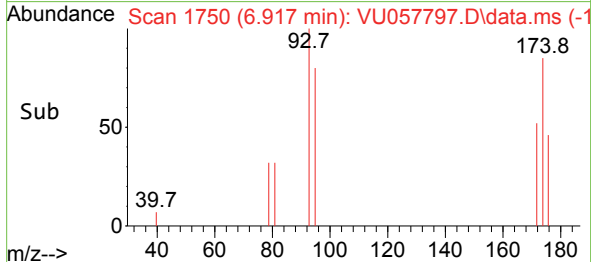
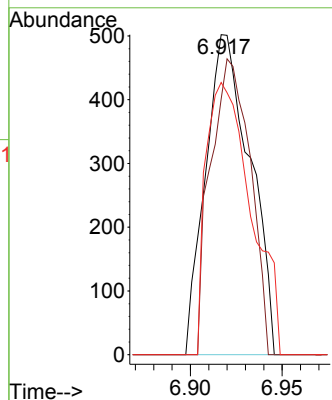
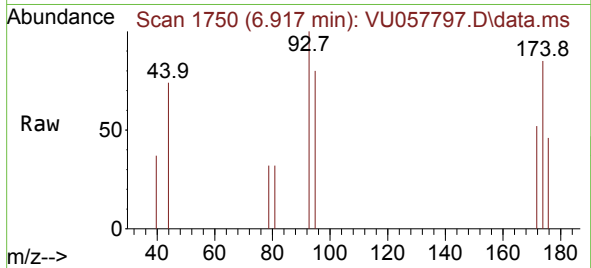




#43
Dibromomethane
Concen: 0.154 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

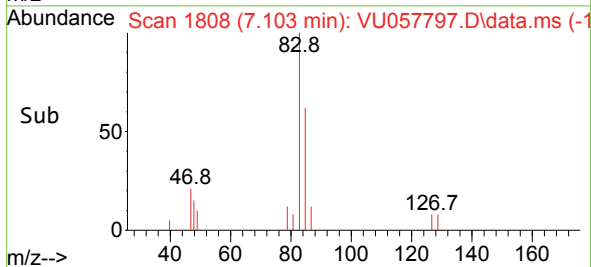
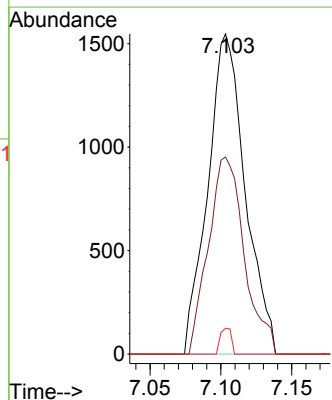
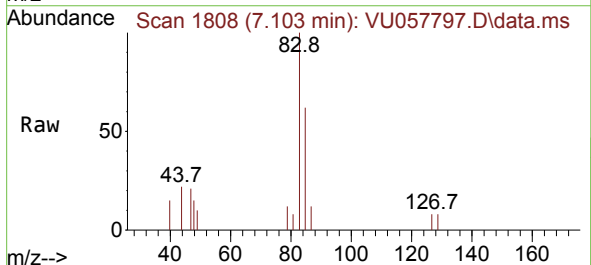
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

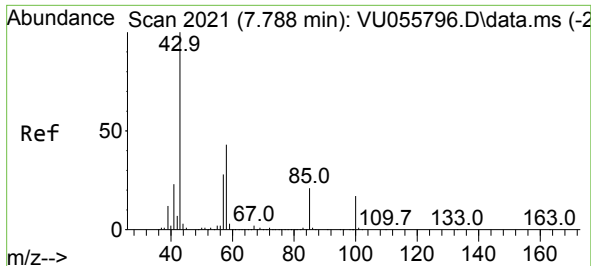
Tgt Ion: 93 Resp: 845
Ion Ratio Lower Upper
93 100
95 82.1 67.0 100.6
174 86.0 73.8 110.6



#44
Bromodichloromethane
Concen: 0.185 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9
127 8.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 0.879 ug/l

RT: 7.798 min Scan# 2021

Delta R.T. 0.010 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

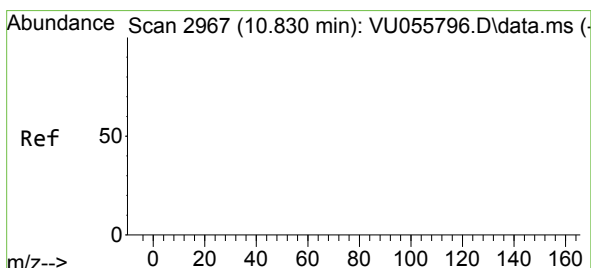
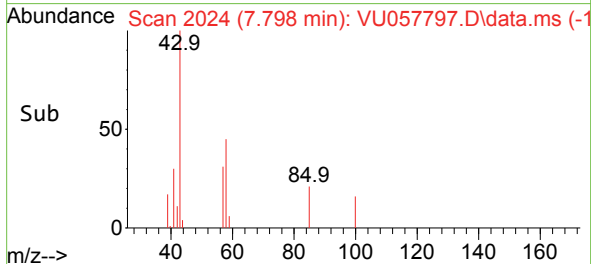
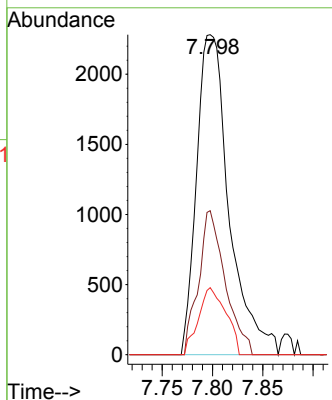
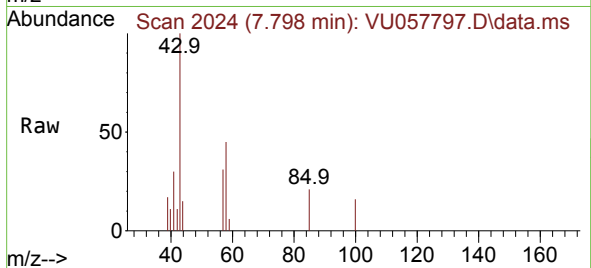
Tgt Ion: 43 Resp: 5130

Ion Ratio Lower Upper

43 100

58 36.9 20.9 62.8

85 17.7 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.276 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.013 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Tgt Ion: 75 Resp: 1692

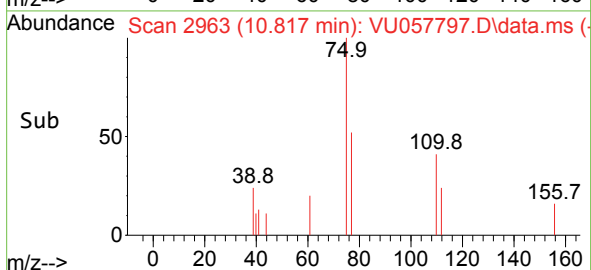
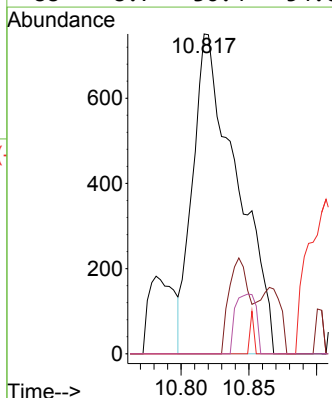
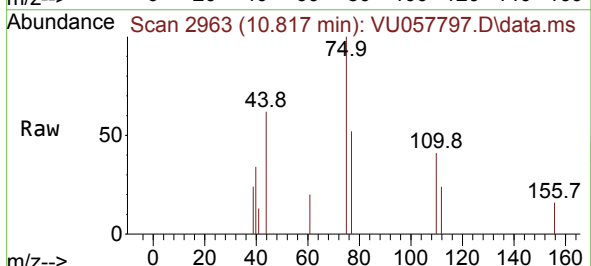
Ion Ratio Lower Upper

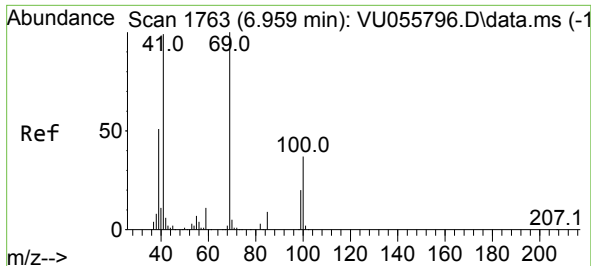
75 100

53 14.7 73.3 109.9#

89 0.0 48.2 72.4#

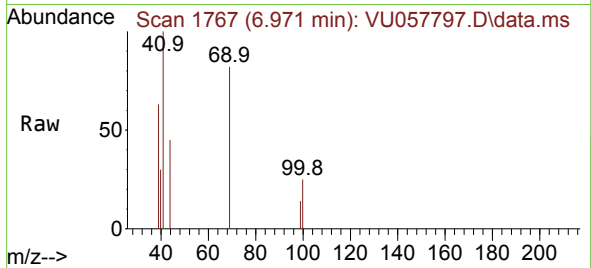
88 8.7 36.4 54.6#



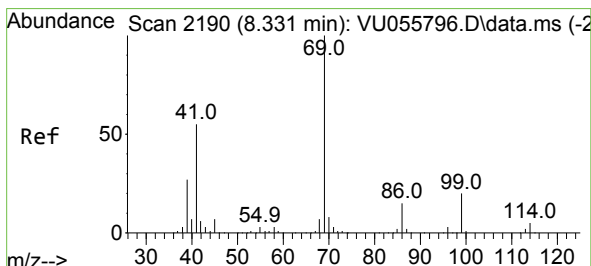
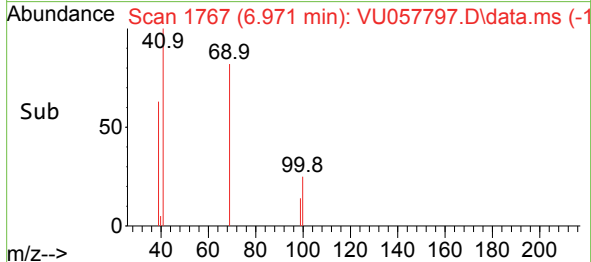
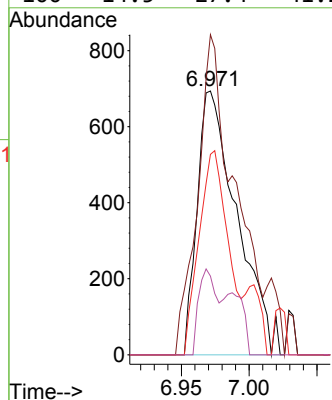


#47
Methyl methacrylate
Concen: 0.293 ug/l
RT: 6.971 min Scan# 1767
Delta R.T. 0.012 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

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

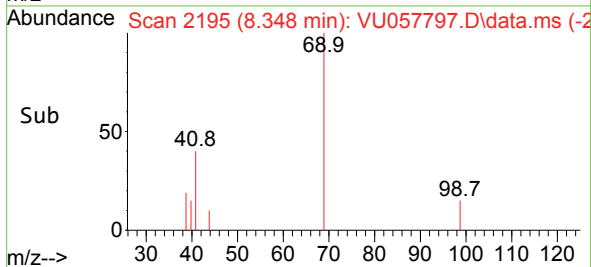
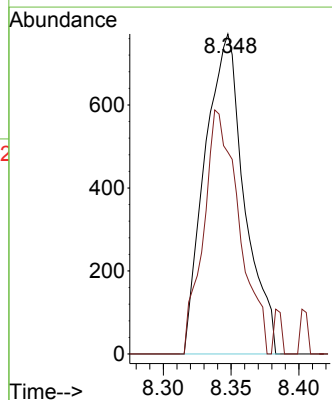
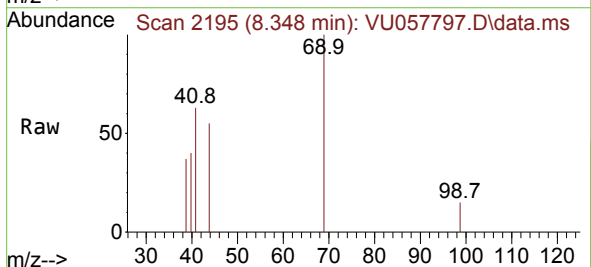


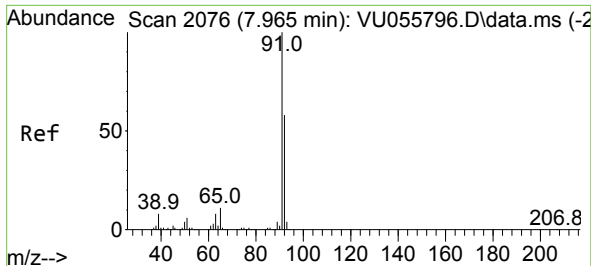
Tgt Ion: 69 Resp: 1416
Ion Ratio Lower Upper
69 100
41 113.0 0.0 209.2
39 56.7 46.7 70.1
100 14.5 27.4 41.2#



#48
Ethyl methacrylate
Concen: 0.161 ug/l
RT: 8.348 min Scan# 2195
Delta R.T. 0.017 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 69 Resp: 1561
Ion Ratio Lower Upper
69 100
41 69.0 30.3 90.8





#49

Toluene

Concen: 0.186 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

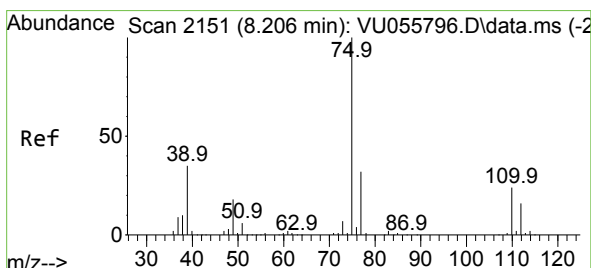
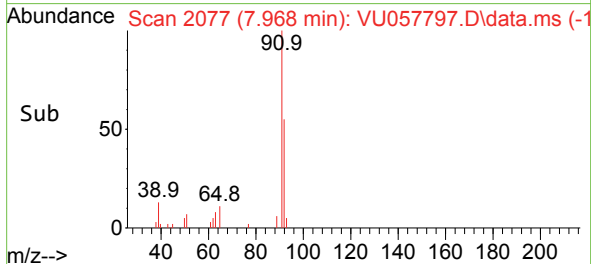
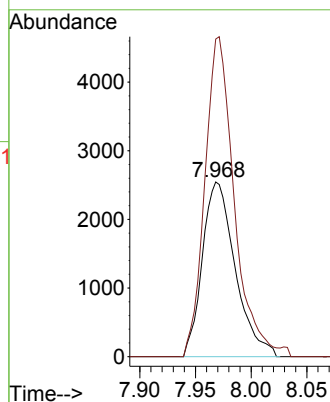
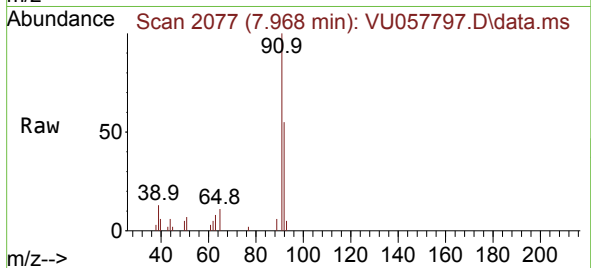
MDL-WATER-03-QT1-2024

Tgt Ion: 92 Resp: 5224

Ion Ratio Lower Upper

92 100

91 163.6 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.161 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057797.D

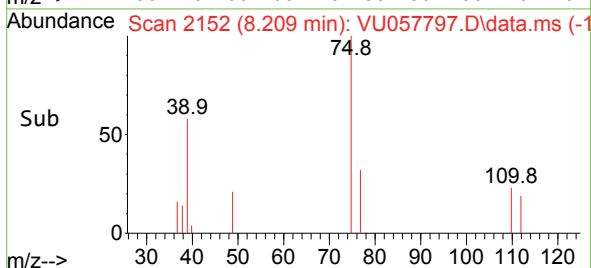
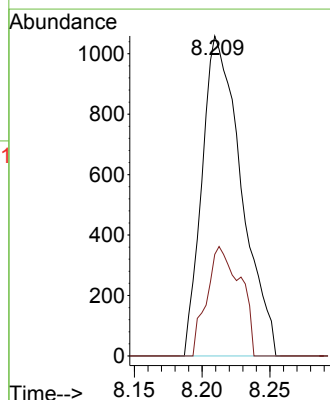
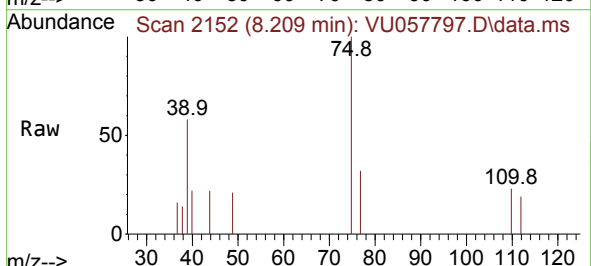
Acq: 02 Feb 2024 17:17

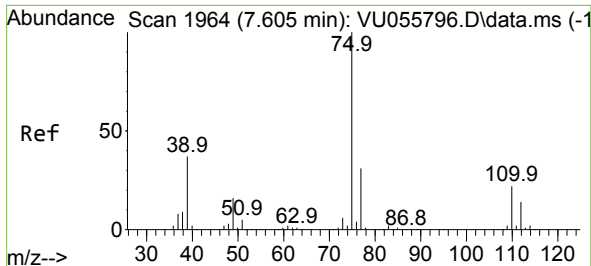
Tgt Ion: 75 Resp: 2129

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9





#51

cis-1,3-Dichloropropene

Concen: 0.169 ug/l

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

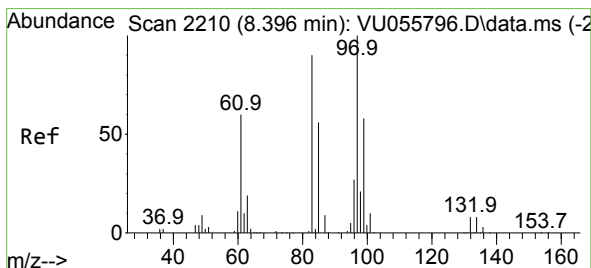
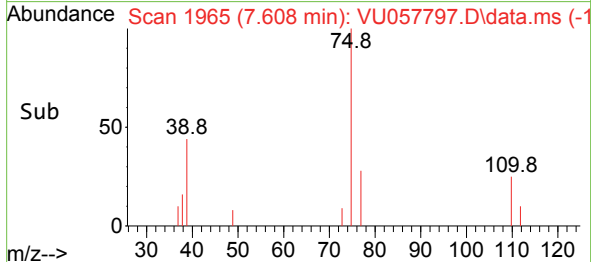
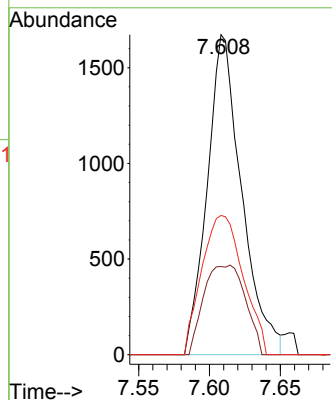
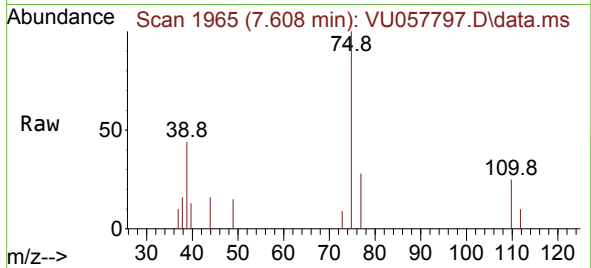
Tgt Ion: 75 Resp: 2833

Ion Ratio Lower Upper

75 100

77 27.6 25.7 38.5

39 56.7 32.8 49.2#



#52

1,1,2-Trichloroethane

Concen: 0.182 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Tgt Ion: 97 Resp: 1375

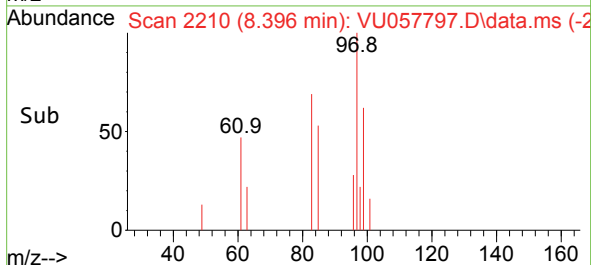
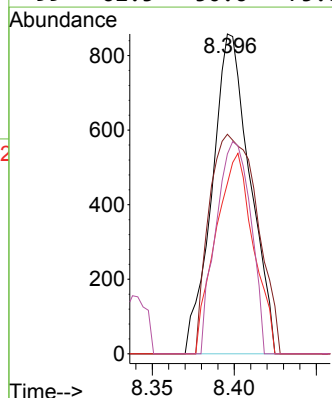
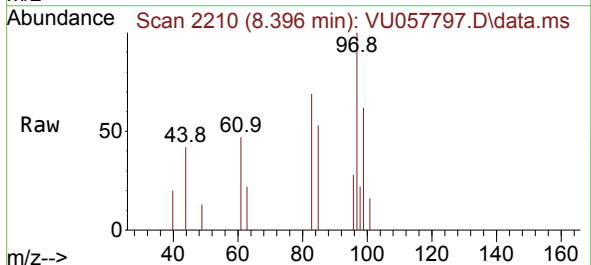
Ion Ratio Lower Upper

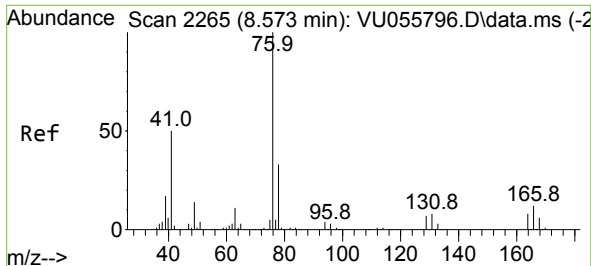
97 100

83 68.6 71.8 107.8#

85 53.3 45.2 67.8

99 62.5 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.185 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

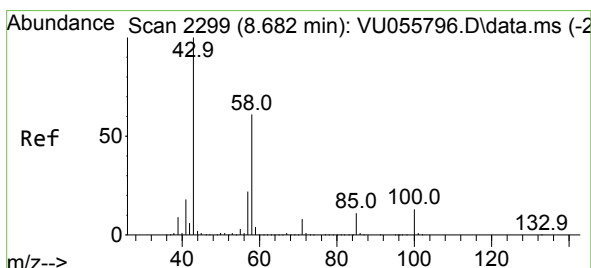
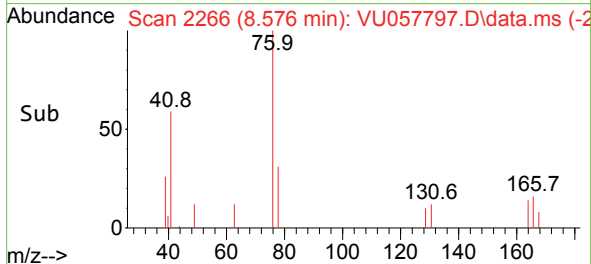
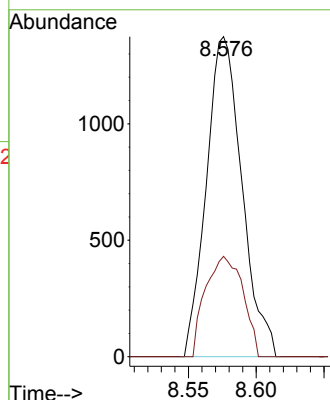
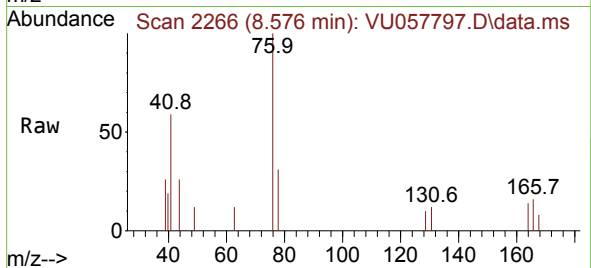
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 2507

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#54

2-Hexanone

Concen: 0.814 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.013 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

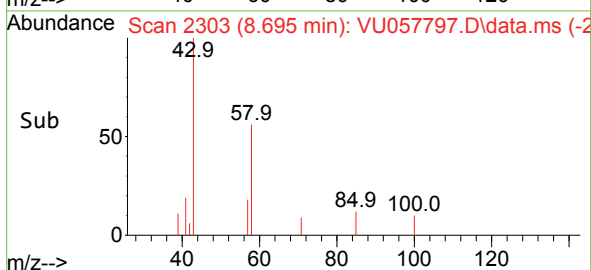
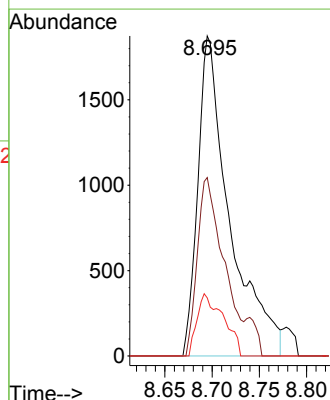
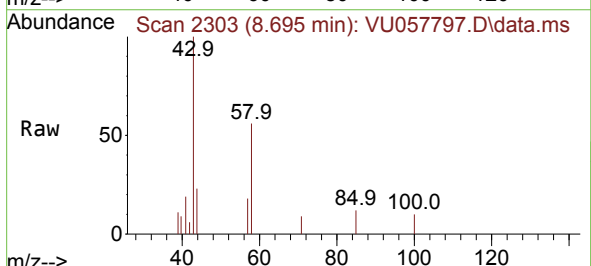
Tgt Ion: 43 Resp: 4372

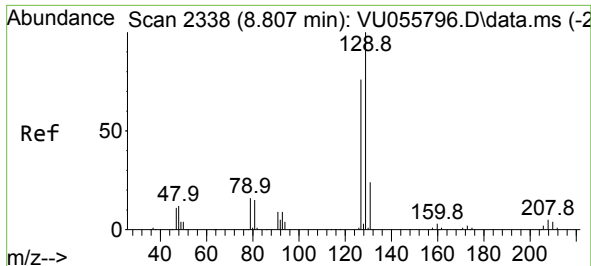
Ion Ratio Lower Upper

43 100

58 46.2 38.2 78.2

57 16.1 0.0 39.1

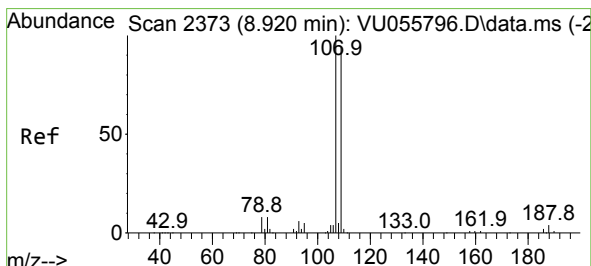
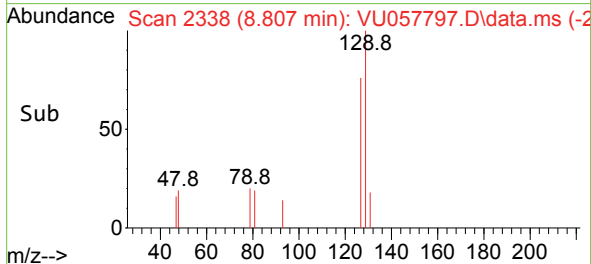
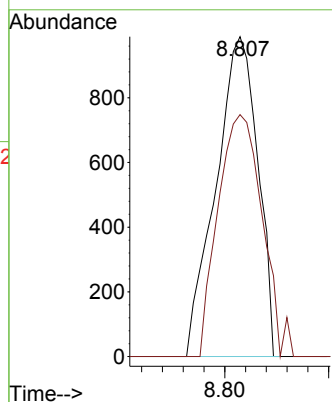
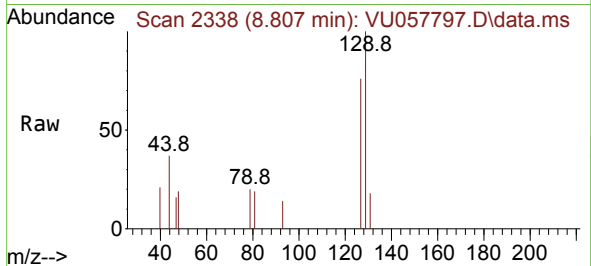




#55
Dibromochloromethane
Concen: 0.148 ug/l
RT: 8.807 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

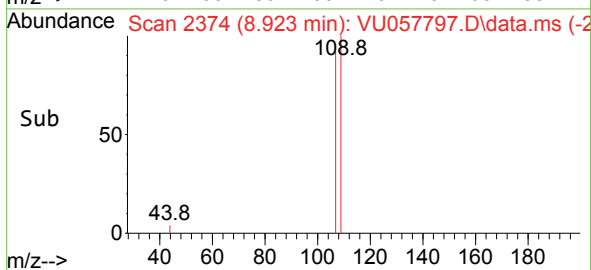
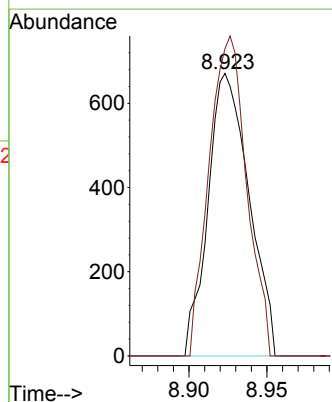
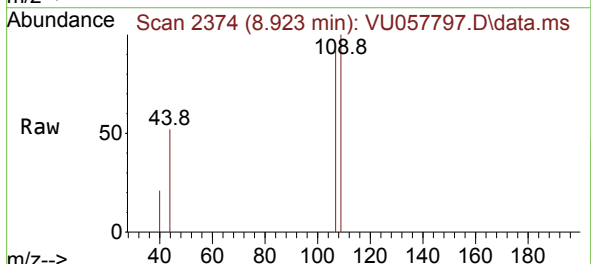
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

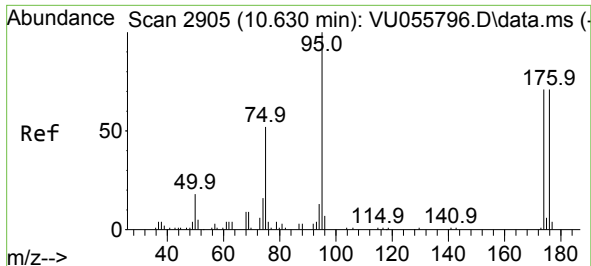
Tgt Ion:129 Resp: 1384
Ion Ratio Lower Upper
129 100
127 79.8 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.177 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:107 Resp: 1229
Ion Ratio Lower Upper
107 100
109 103.7 0.0 184.4

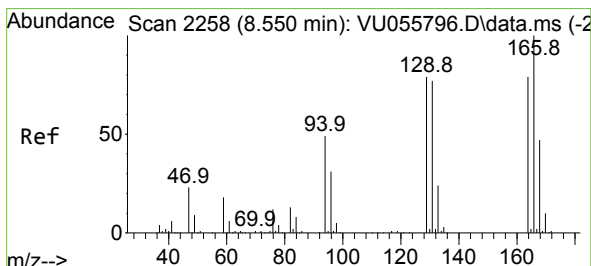
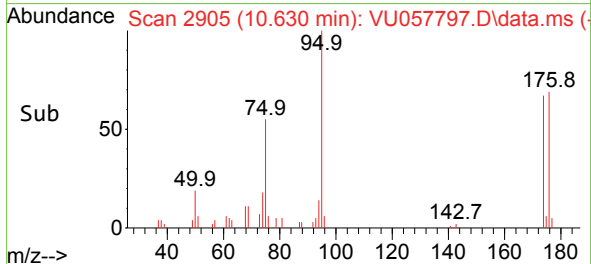
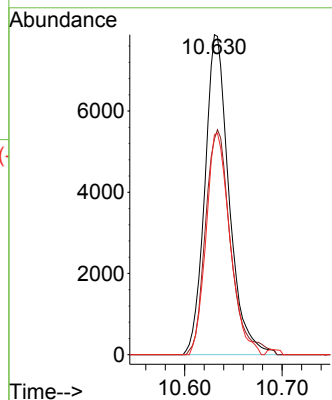
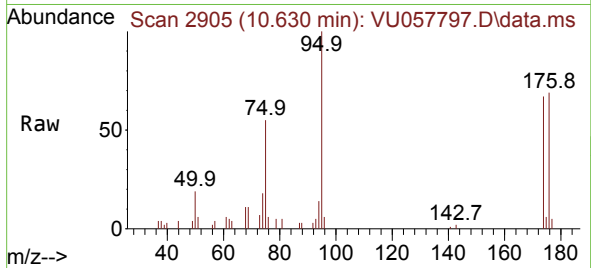




#57
4-Bromofluorobenzene
Concen: 0.875 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

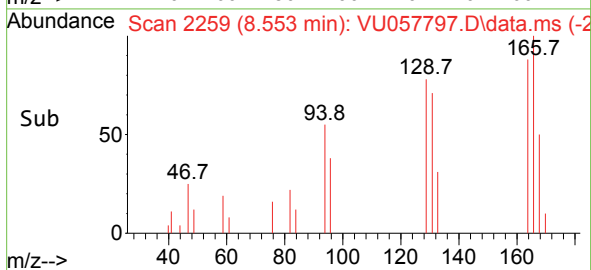
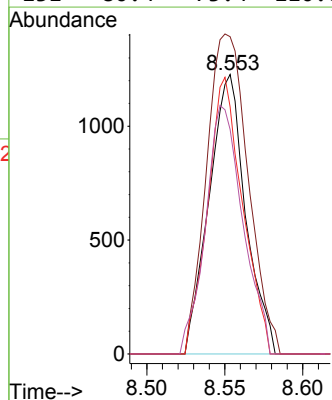
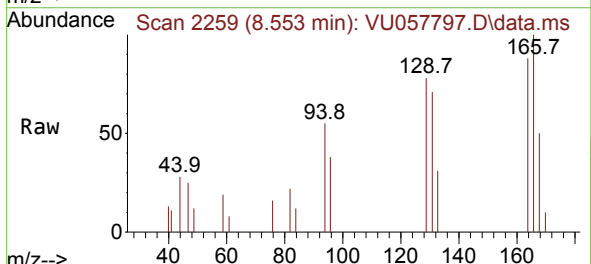
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

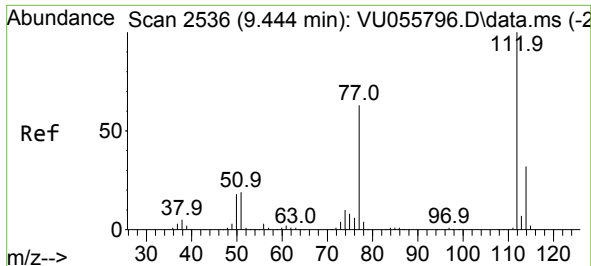
Tgt Ion: 95 Resp: 13584
Ion Ratio Lower Upper
95 100
174 73.1 63.3 94.9
176 68.6 59.3 88.9



#58
Tetrachloroethene
Concen: 0.186 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 164 Resp: 2006
Ion Ratio Lower Upper
164 100
166 113.5 99.6 149.4
129 88.4 78.6 117.8
131 80.4 73.4 110.0

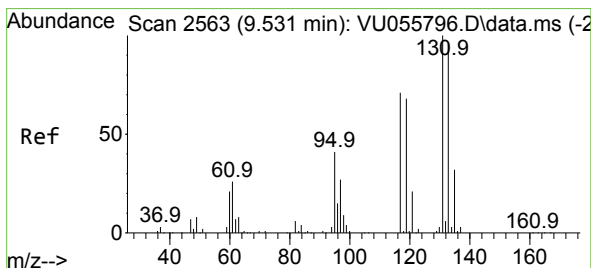
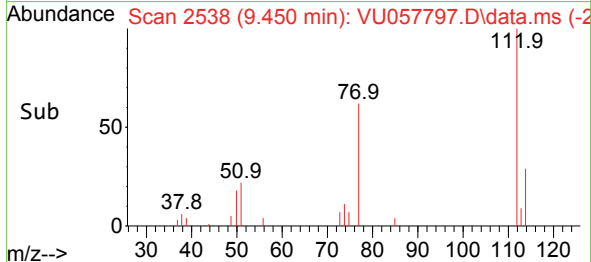
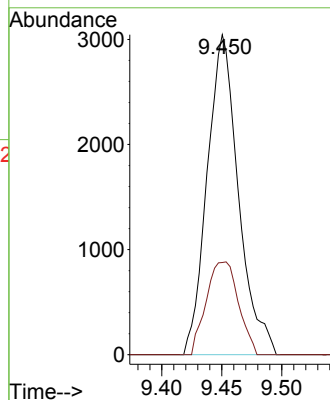
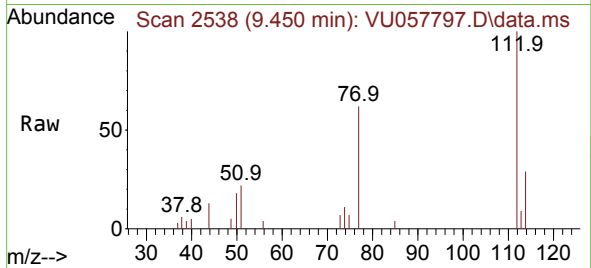




#59
Chlorobenzene
Concen: 0.178 ug/l
RT: 9.450 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

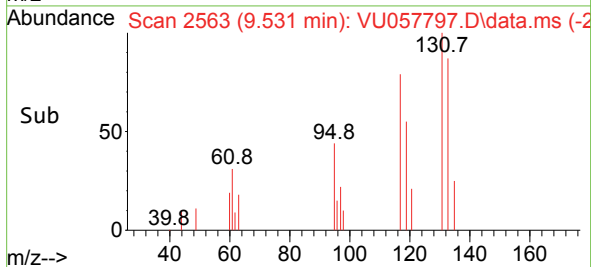
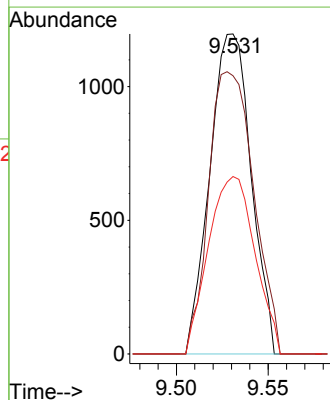
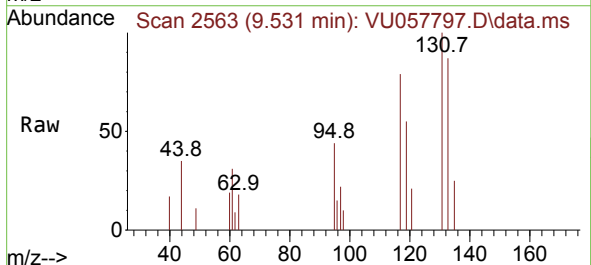
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

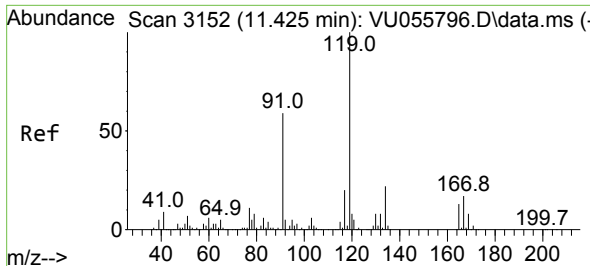
Tgt Ion:112 Resp: 5513
Ion Ratio Lower Upper
112 100
114 28.8 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.178 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:131 Resp: 1876
Ion Ratio Lower Upper
131 100
133 96.2 77.8 116.6
119 62.3 55.2 82.8

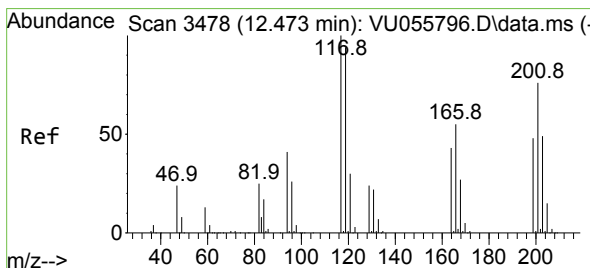
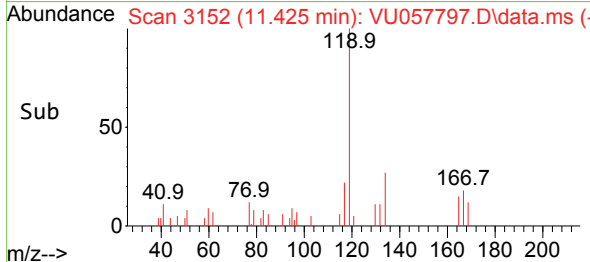
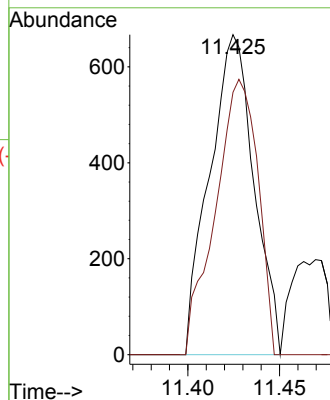
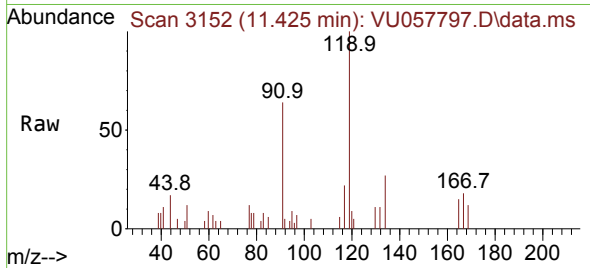




#61
Pentachloroethane
Concen: 0.147 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

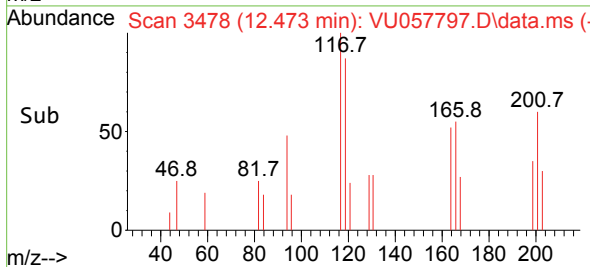
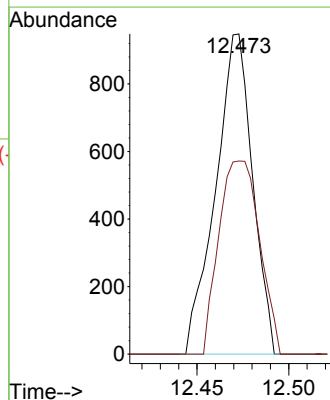
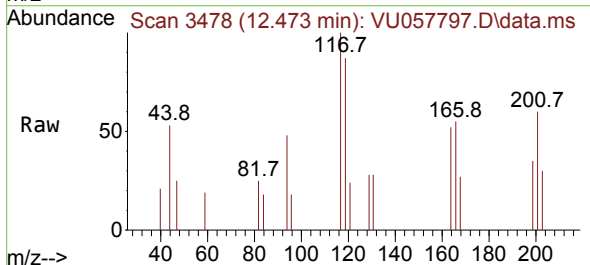
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2024

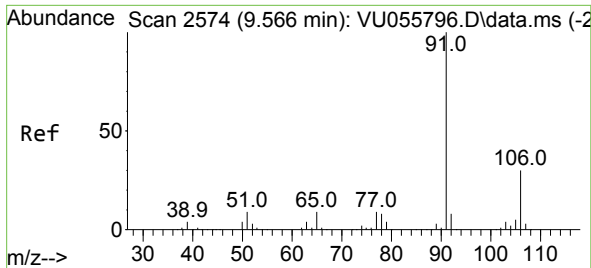
Tgt Ion:117 Resp: 1124
Ion Ratio Lower Upper
117 100
167 82.5 56.7 85.1



#62
Hexachloroethane
Concen: 0.159 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:117 Resp: 1327
Ion Ratio Lower Upper
117 100
201 66.5 59.6 89.4

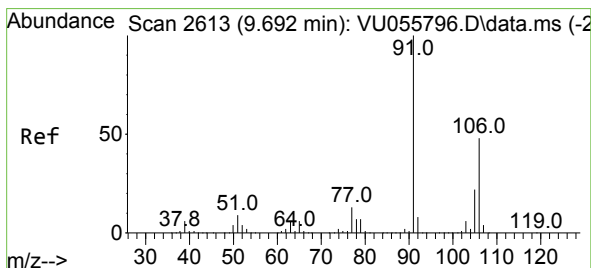
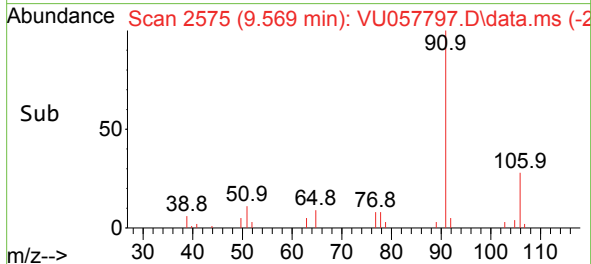
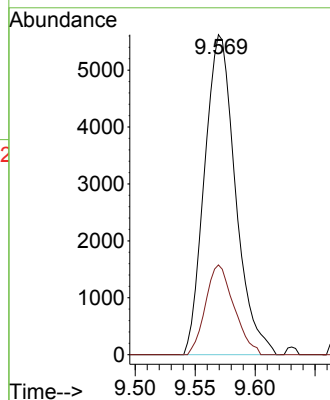
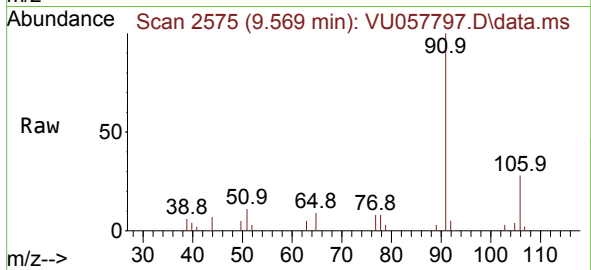




#63
Ethyl Benzene
Concen: 0.182 ug/l
RT: 9.569 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

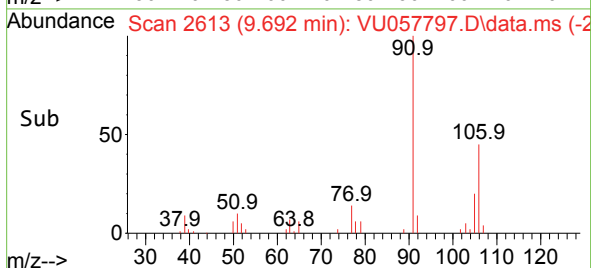
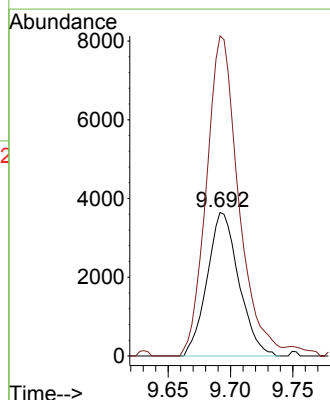
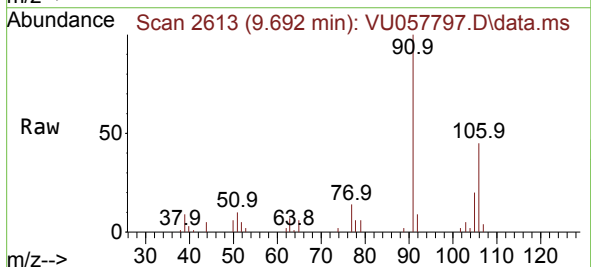
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

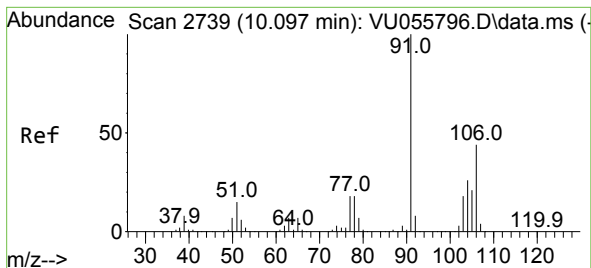
Tgt Ion: 91 Resp: 10069
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.2



#64
m/p-Xylenes
Concen: 0.322 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:106 Resp: 6454
Ion Ratio Lower Upper
106 100
91 226.1 167.3 250.9





#65

o-Xylene

Concen: 0.166 ug/l

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

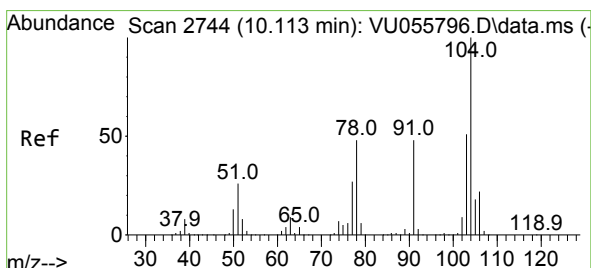
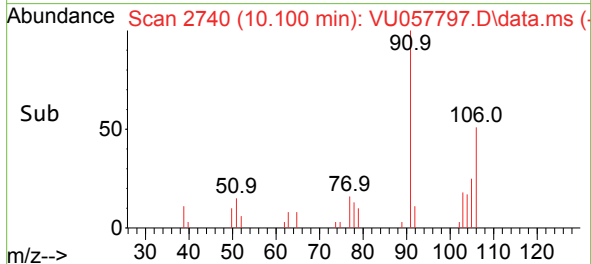
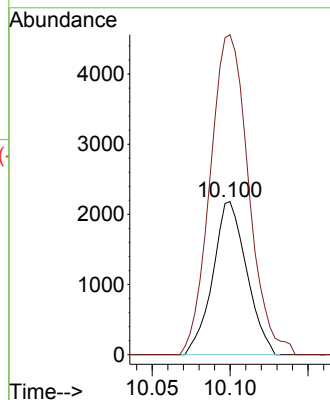
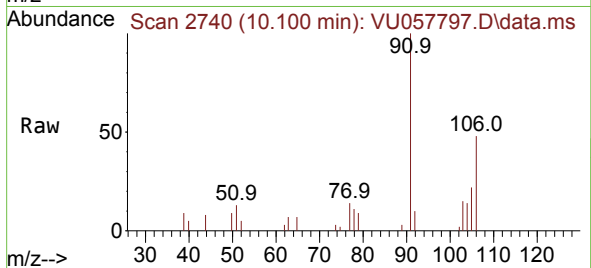
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 3299

Ion Ratio Lower Upper

106 100

91 237.2 109.3 327.9



#66

Styrene

Concen: 0.164 ug/l

RT: 10.119 min Scan# 2746

Delta R.T. 0.006 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

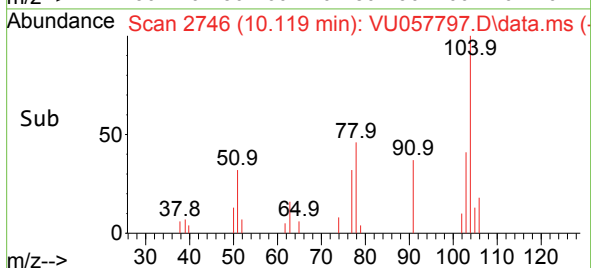
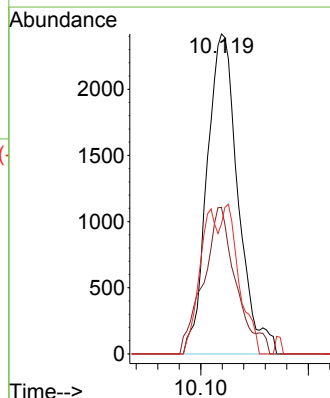
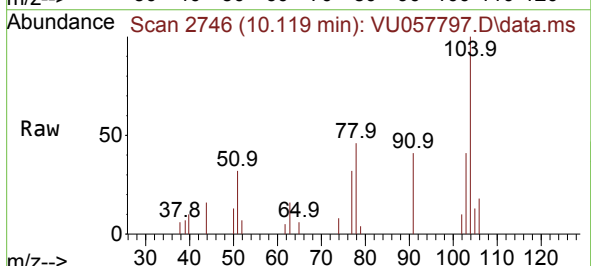
Tgt Ion:104 Resp: 4841

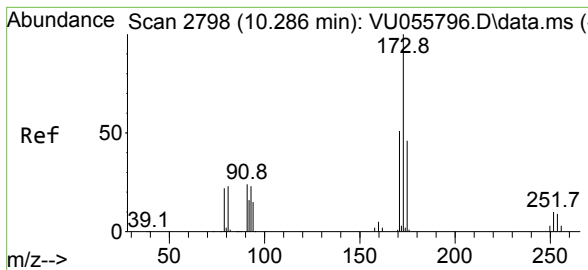
Ion Ratio Lower Upper

104 100

78 48.1 39.7 59.5

103 26.8 44.8 67.2#





#67

Bromoform

Concen: 0.155 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU057797.D

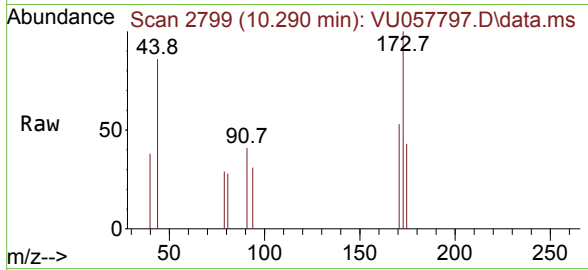
Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024



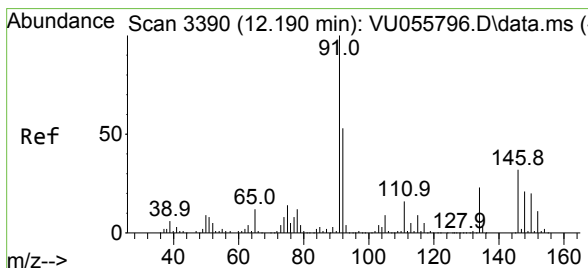
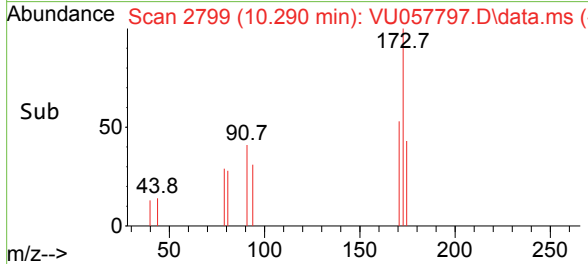
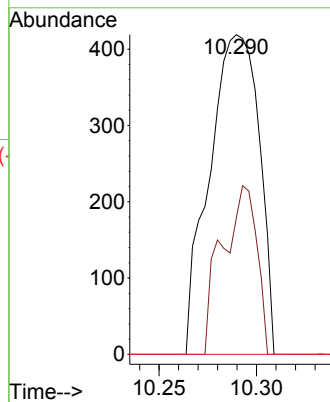
Tgt Ion:173 Resp: 745

Ion Ratio Lower Upper

173 100

175 36.9 39.0 58.6#

254 0.0 7.4 11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.889 ug/l

RT: 12.193 min Scan# 3391

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

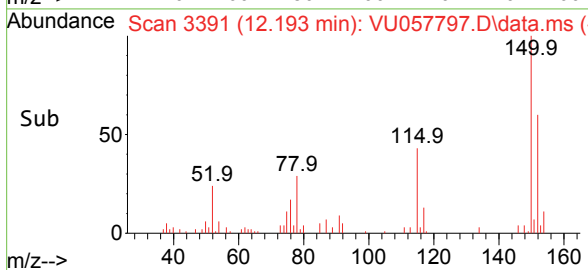
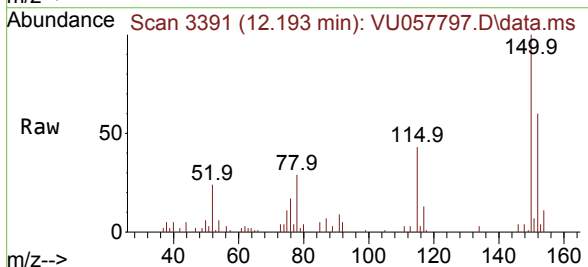
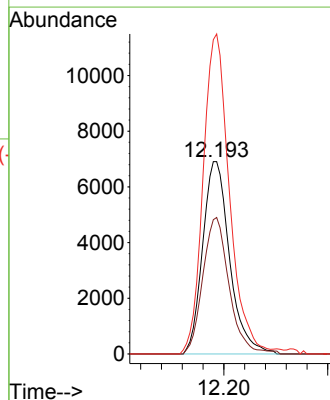
Tgt Ion:152 Resp: 12426

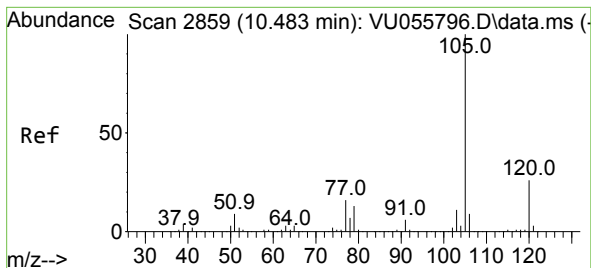
Ion Ratio Lower Upper

152 100

115 69.2 0.0 308.8

150 163.2 0.0 635.0





#69

Isopropylbenzene

Concen: 0.178 ug/l

RT: 10.483 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

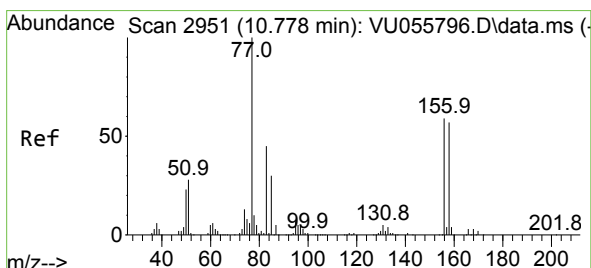
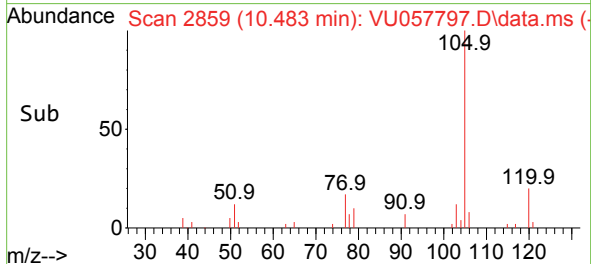
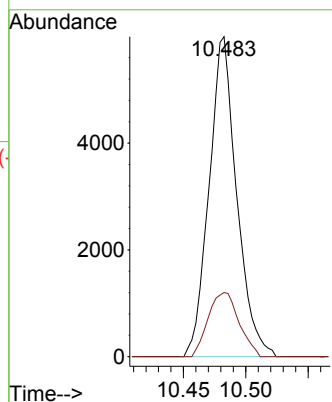
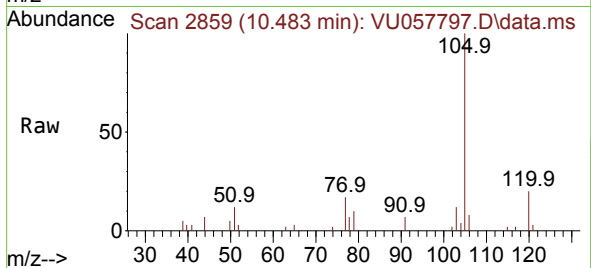
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 9234

Ion Ratio Lower Upper

105 100

120 22.3 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.174 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.004 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

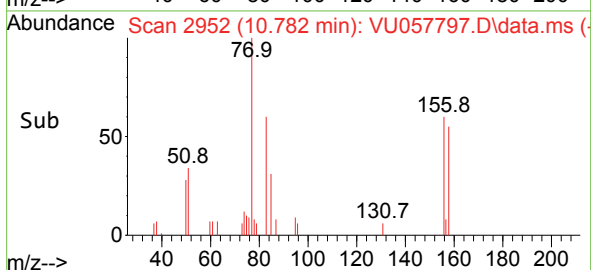
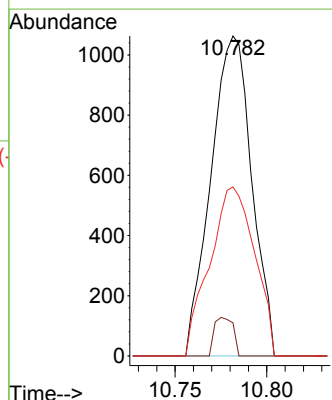
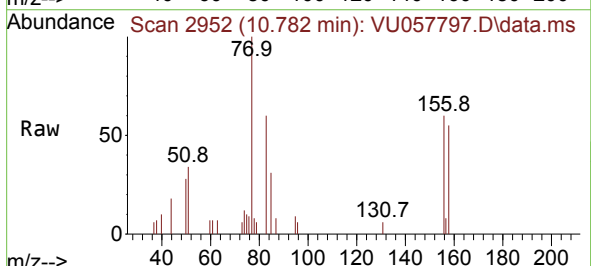
Tgt Ion: 83 Resp: 1646

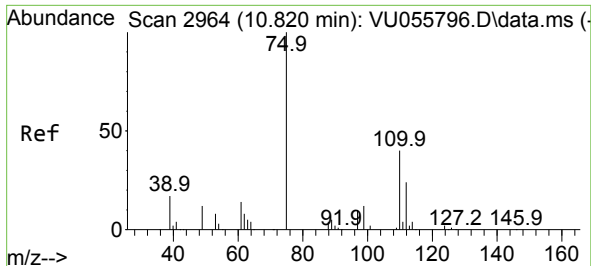
Ion Ratio Lower Upper

83 100

131 5.5 7.2 10.8#

85 58.1 50.5 75.7

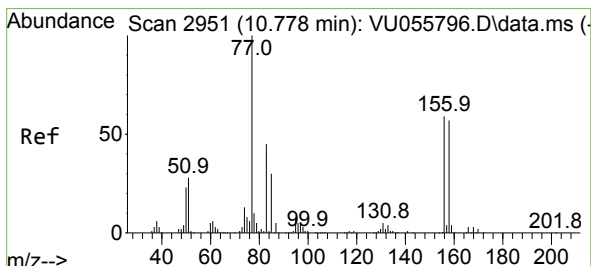
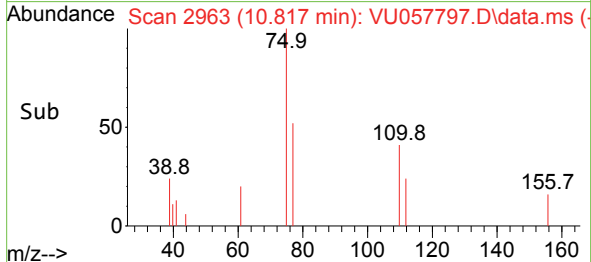
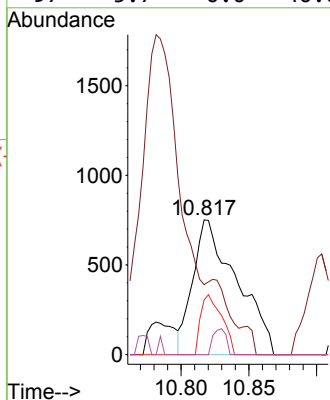
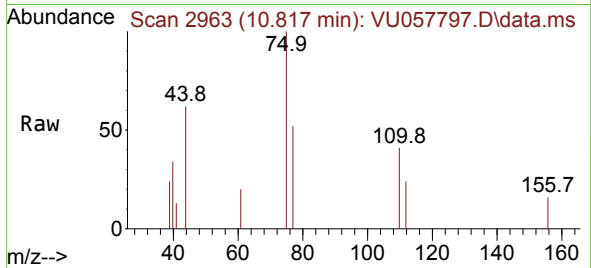




#71
1,2,3-Trichloropropane
Concen: 0.217 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

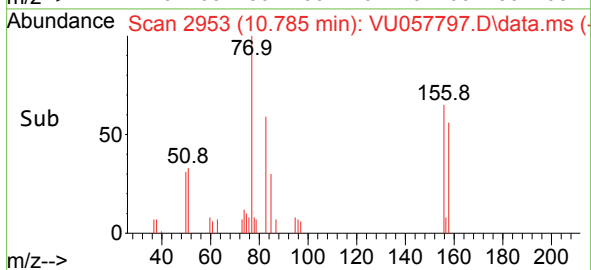
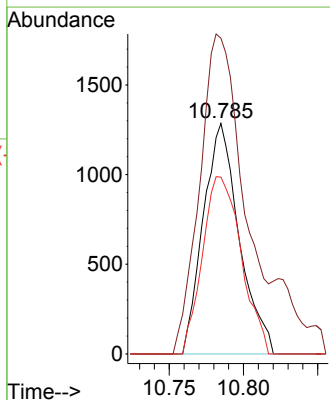
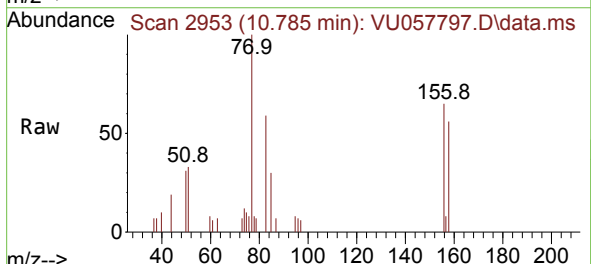
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

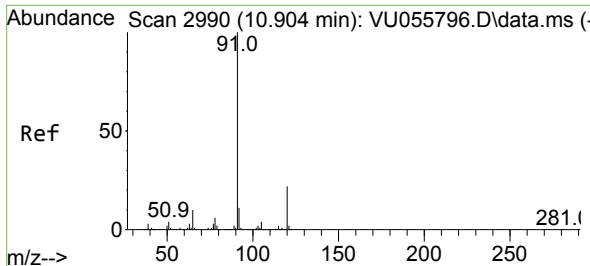
Tgt Ion:	75	Resp:	1692
Ion	Ratio	Lower	Upper
75	100		
77	47.6	0.0	116.4
110	21.3	0.0	74.6
97	5.7	0.0	40.0



#72
Bromobenzene
Concen: 0.189 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.007 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:	156	Resp:	2160
Ion	Ratio	Lower	Upper
156	100		
77	167.0	0.0	343.0
158	82.9	0.0	194.8

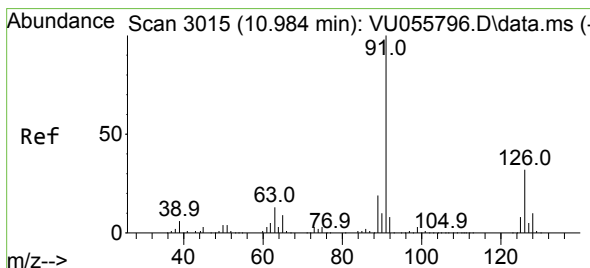
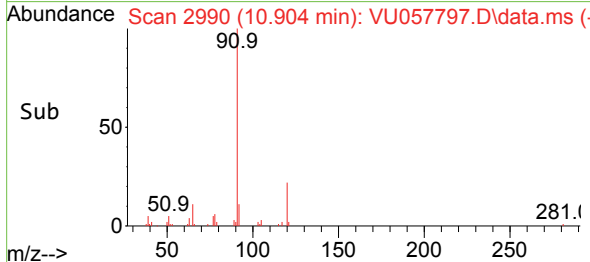
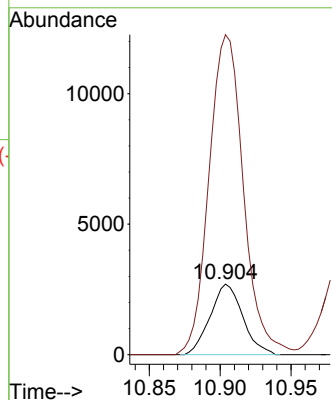
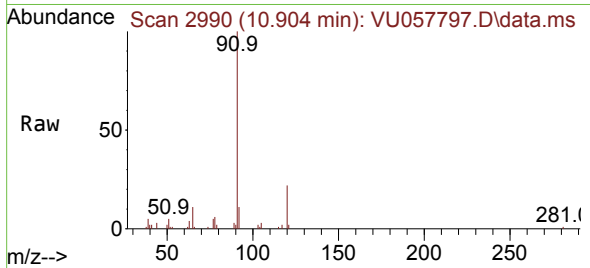




#73
n-propylbenzene
Concen: 0.330 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

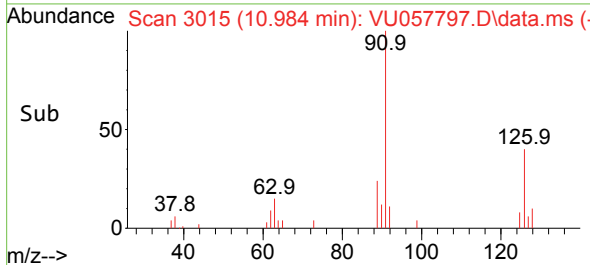
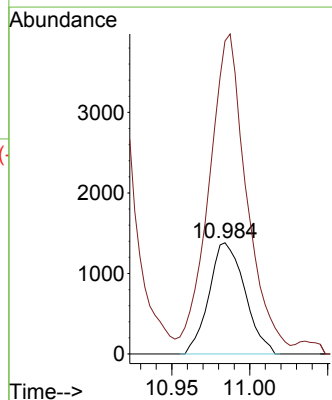
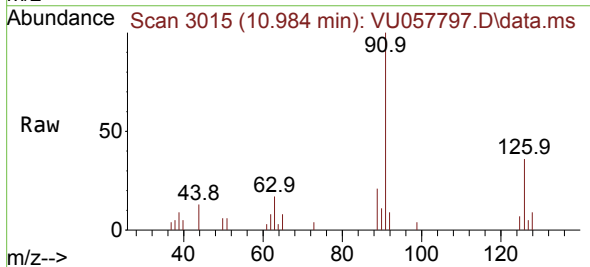
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

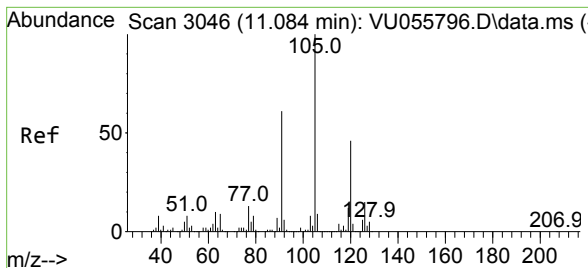
Tgt Ion:120 Resp: 4317
Ion Ratio Lower Upper
120 100
91 480.0 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.182 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:126 Resp: 2202
Ion Ratio Lower Upper
126 100
91 289.3 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.161 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

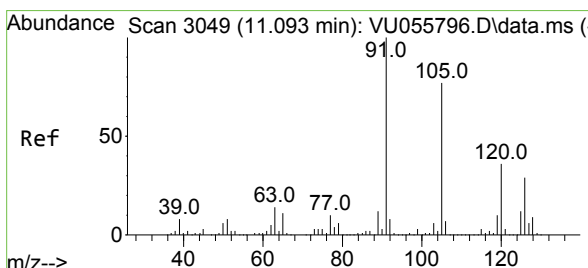
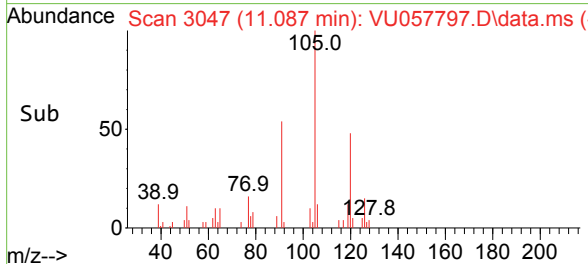
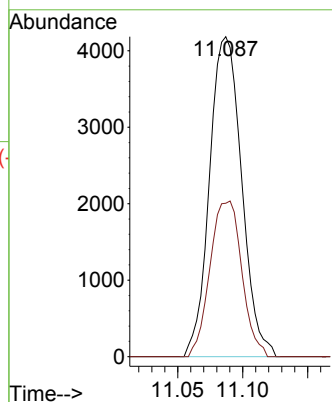
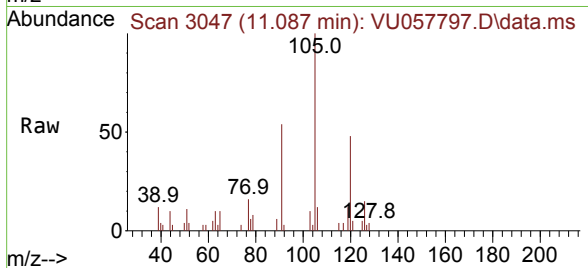
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 7183

Ion Ratio Lower Upper

105 100

120 48.1 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.155 ug/l

RT: 11.100 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VU057797.D

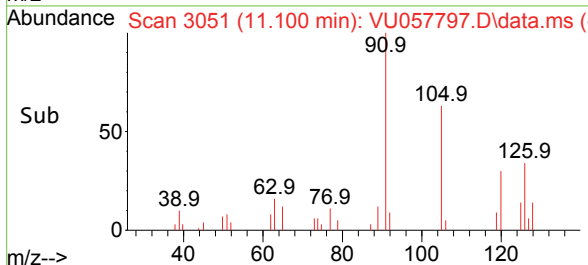
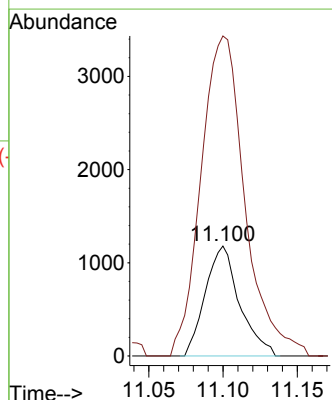
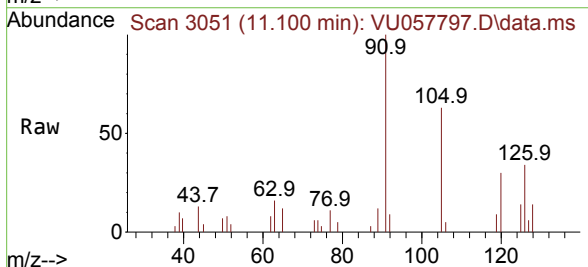
Acq: 02 Feb 2024 17:17

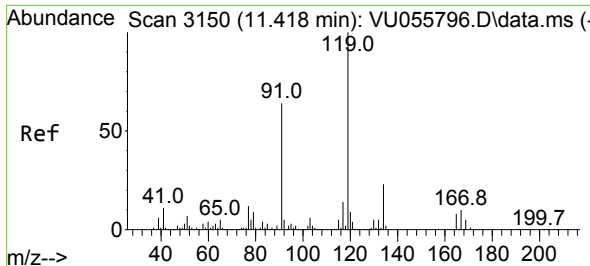
Tgt Ion:126 Resp: 1893

Ion Ratio Lower Upper

126 100

91 373.2 0.0 686.2

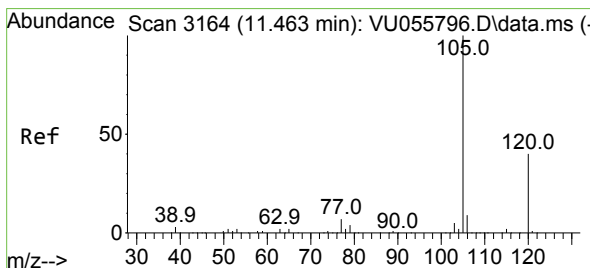
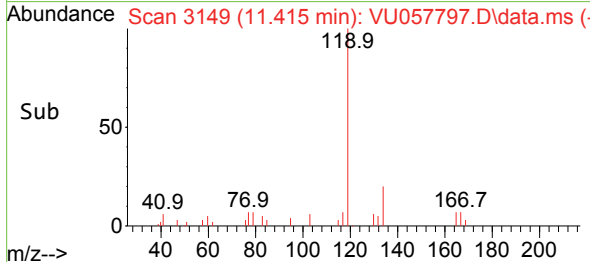
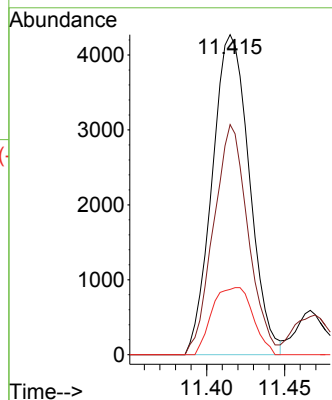
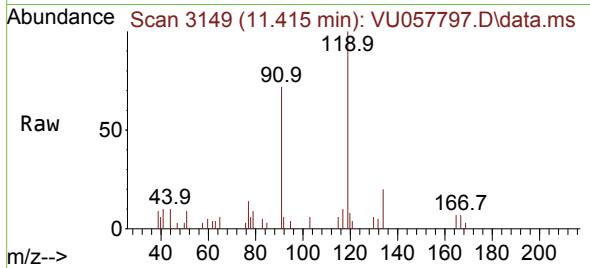




#77
tert-Butylbenzene
Concen: 0.169 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

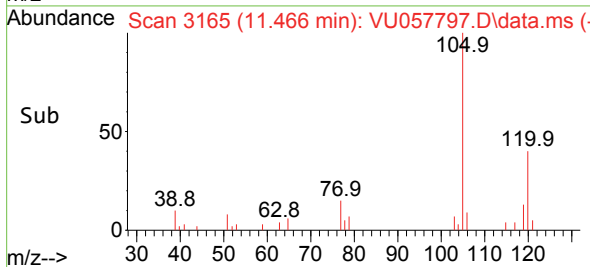
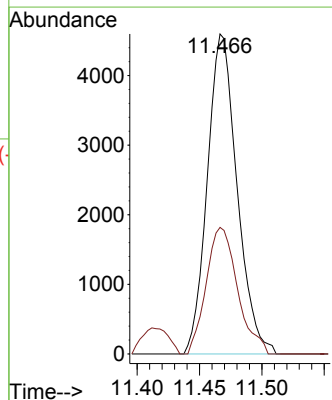
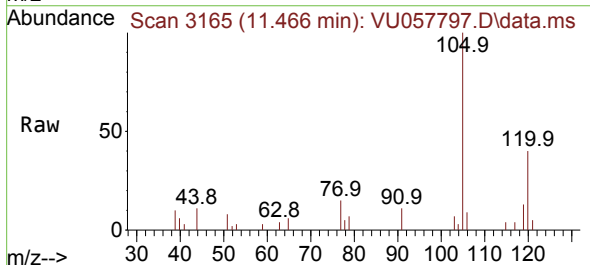
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

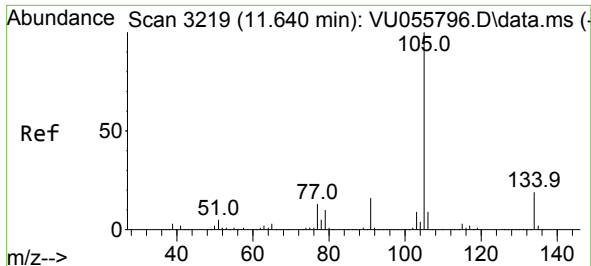
Tgt Ion:119 Resp: 7075
Ion Ratio Lower Upper
119 100
91 67.1 30.8 92.4
134 22.9 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.168 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion:105 Resp: 7626
Ion Ratio Lower Upper
105 100
120 41.7 21.9 65.8

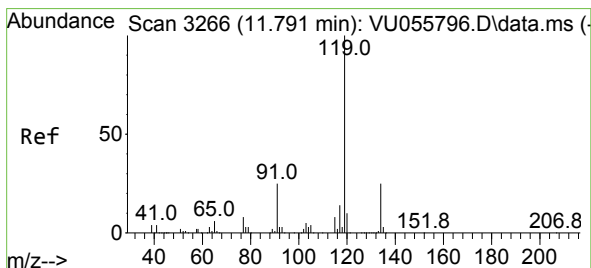
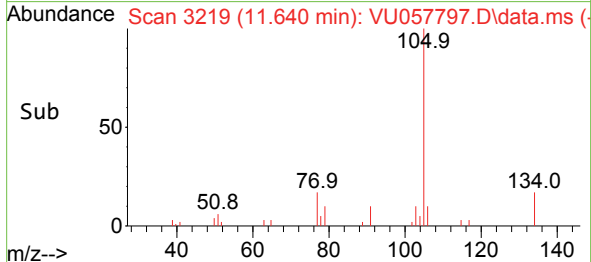
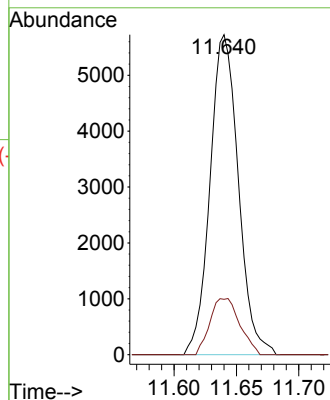
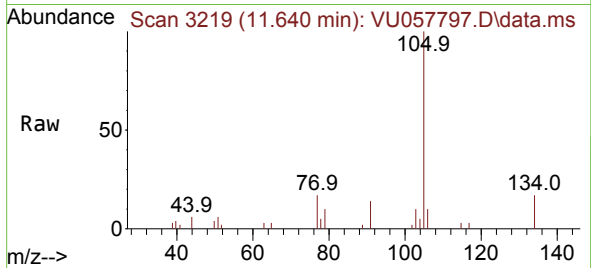




#79
 sec-Butylbenzene
 Concen: 0.169 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU057797.D
 Acq: 02 Feb 2024 17:17

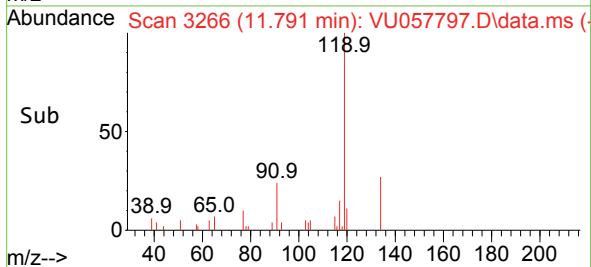
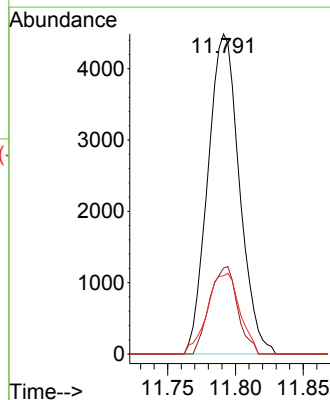
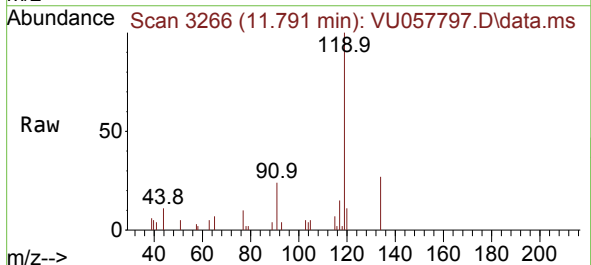
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2024

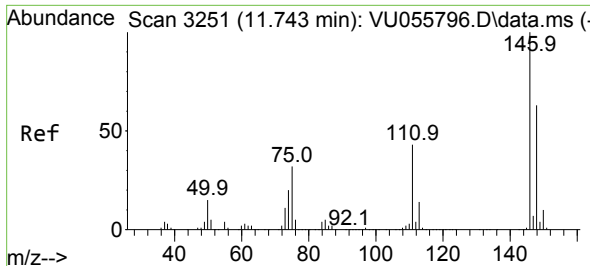
Tgt Ion:105 Resp: 9059
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.9 22.3



#81
 p-Isopropyltoluene
 Concen: 0.161 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.000 min
 Lab File: VU057797.D
 Acq: 02 Feb 2024 17:17

Tgt Ion:119 Resp: 7254
 Ion Ratio Lower Upper
 119 100
 134 24.2 20.2 30.4
 91 25.8 19.3 28.9





#82

1,3-Dichlorobenzene

Concen: 0.171 ug/l

RT: 11.749 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU057797.D

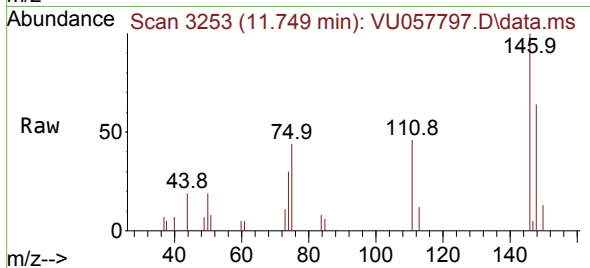
Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024



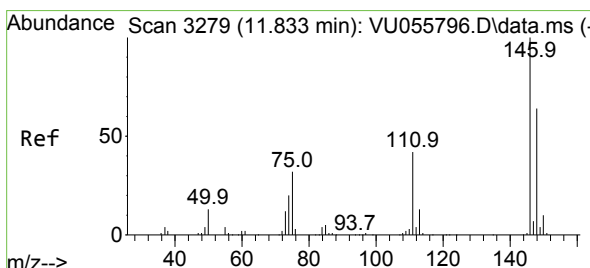
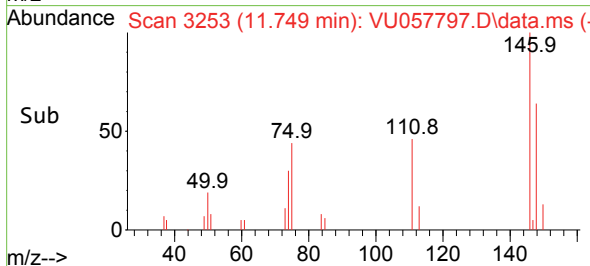
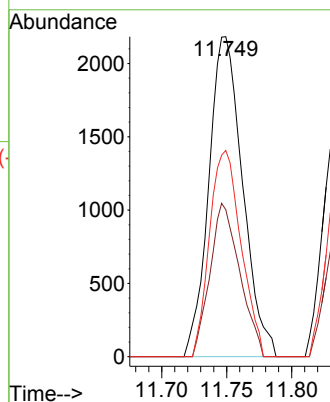
Tgt Ion:146 Resp: 3957

Ion Ratio Lower Upper

146 100

111 42.2 32.6 49.0

148 59.8 51.0 76.4



#83

1,4-Dichlorobenzene

Concen: 0.177 ug/l

RT: 11.839 min Scan# 3281

Delta R.T. 0.006 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

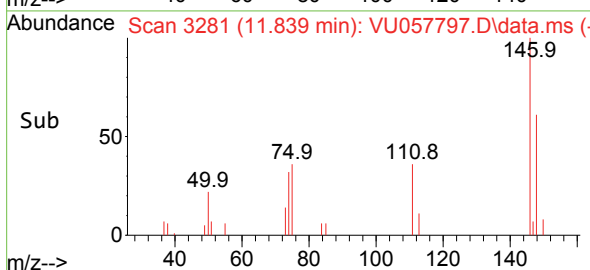
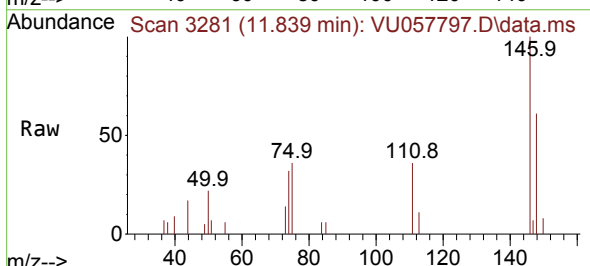
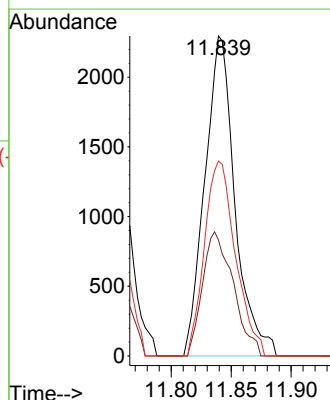
Tgt Ion:146 Resp: 3999

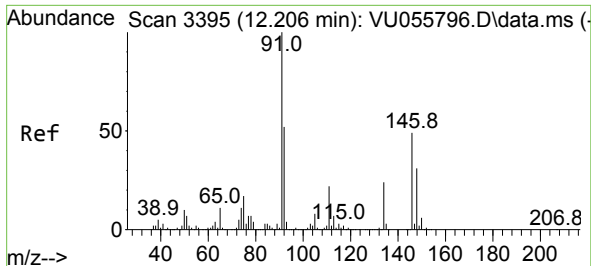
Ion Ratio Lower Upper

146 100

111 39.7 31.6 47.4

148 62.9 50.3 75.5

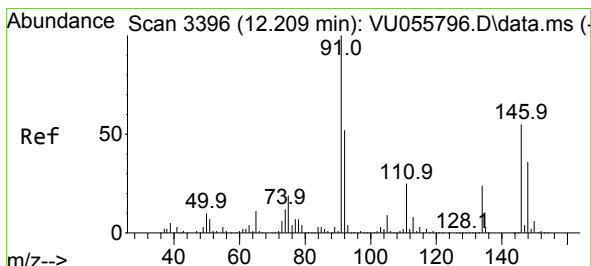
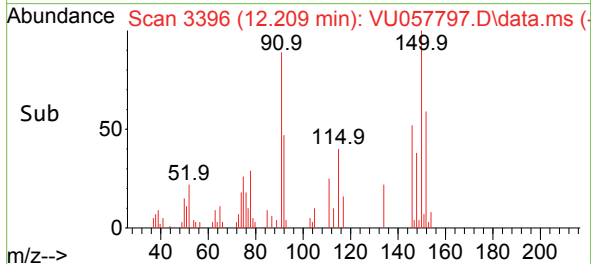
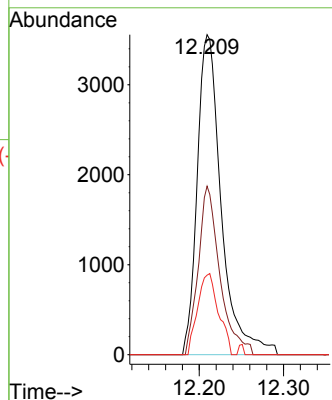
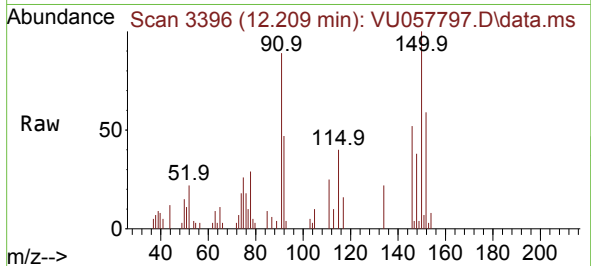




#84
n-Butylbenzene
Concen: 0.163 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

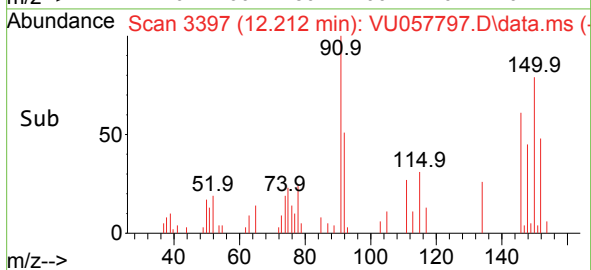
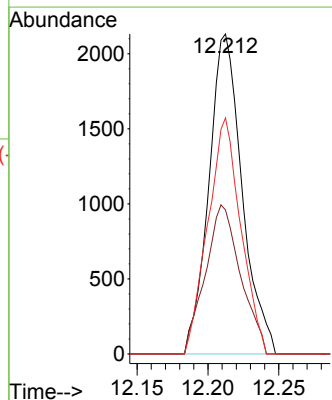
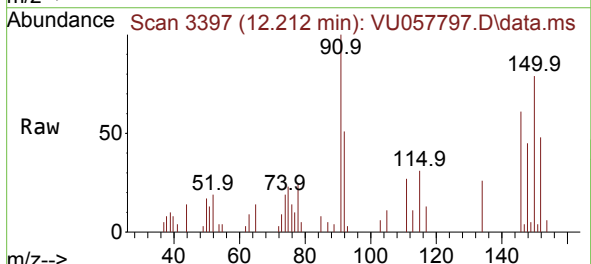
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

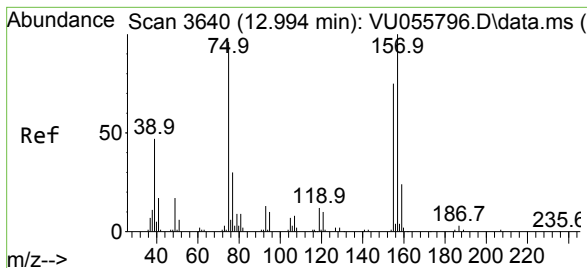
Tgt Ion: 91	Resp:	7057
Ion Ratio	Lower	Upper
91	100	
92	47.4	40.8 61.2
134	22.0	18.4 27.6



#85
1,2-Dichlorobenzene
Concen: 0.166 ug/l
RT: 12.212 min Scan# 3397
Delta R.T. 0.003 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 146	Resp:	3479
Ion Ratio	Lower	Upper
146	100	
111	49.4	21.6 64.6
148	73.0	32.1 96.5

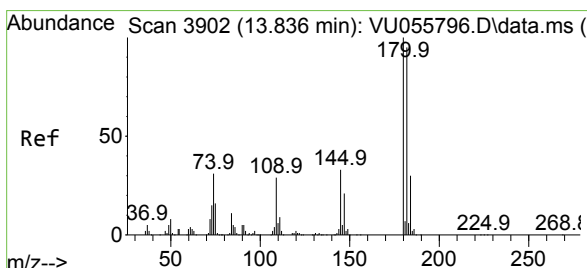
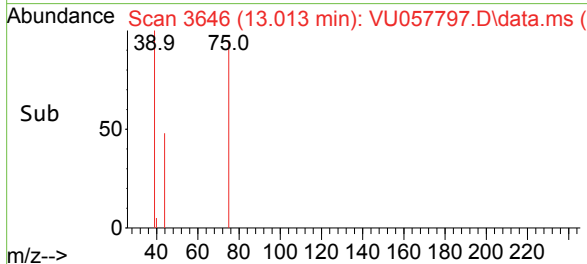
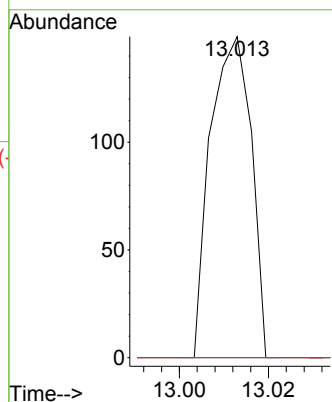
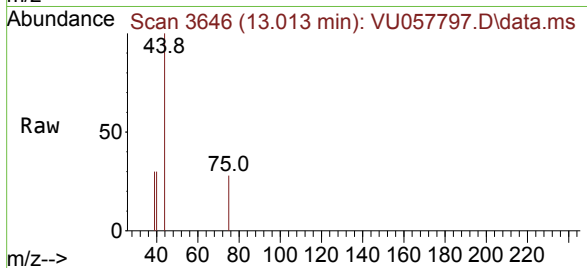




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.073 ug/l
RT: 13.013 min Scan# 30
Delta R.T. 0.019 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

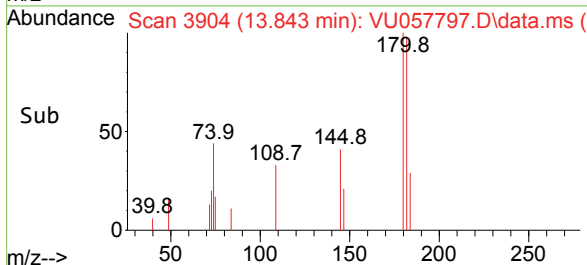
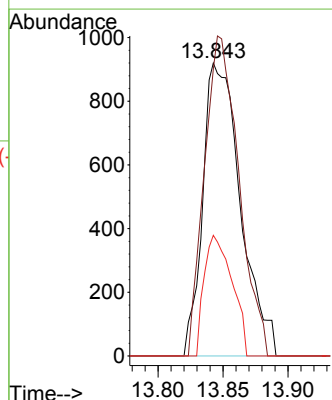
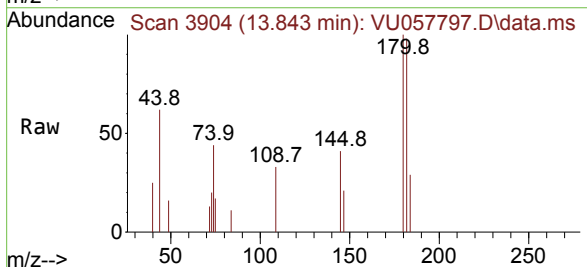
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2024

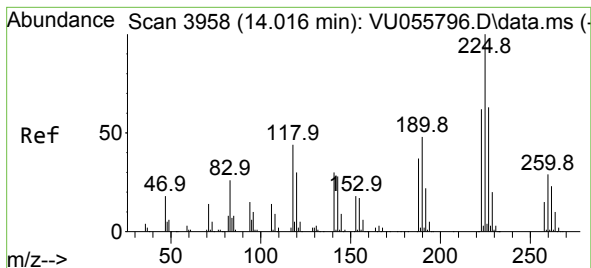
Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
155 0.0 61.8 92.8#
157 0.0 80.2 120.4#



#87
1,2,4-Trichlorobenzene
Concen: 0.148 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU057797.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 180 Resp: 1860
Ion Ratio Lower Upper
180 100
182 99.7 75.8 113.6
145 30.4 23.9 35.9





#88

Hexachlorobutadiene

Concen: 0.186 ug/l

RT: 14.019 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2024

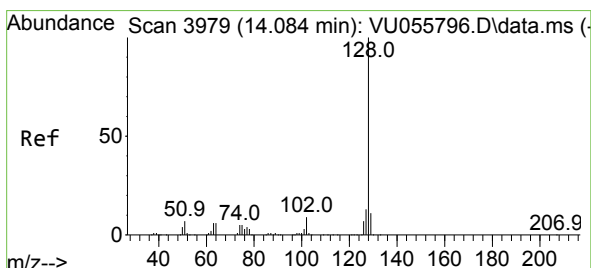
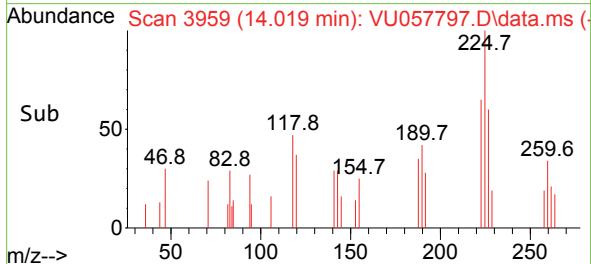
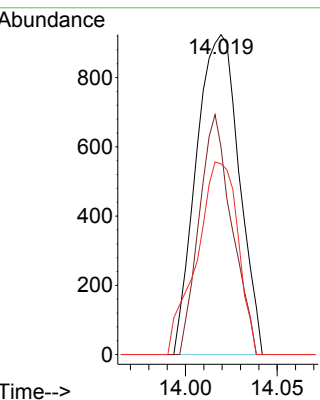
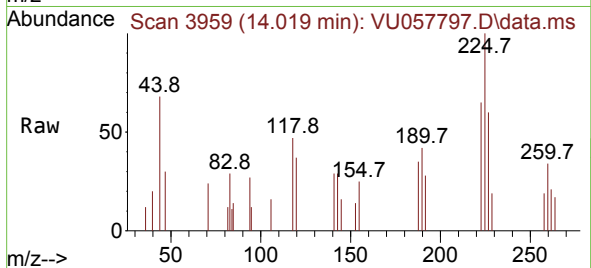
Tgt Ion:225 Resp: 1499

Ion Ratio Lower Upper

225 100

223 57.4 50.2 75.4

227 58.0 51.5 77.3



#89

Naphthalene

Concen: 0.220 ug/l

RT: 14.103 min Scan# 3985

Delta R.T. 0.019 min

Lab File: VU057797.D

Acq: 02 Feb 2024 17:17

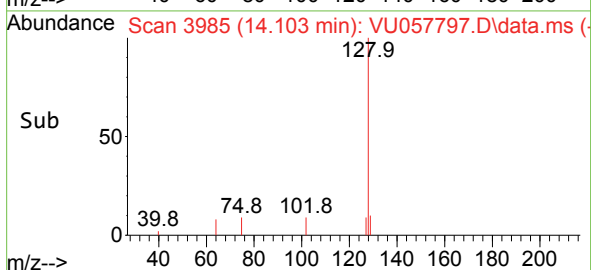
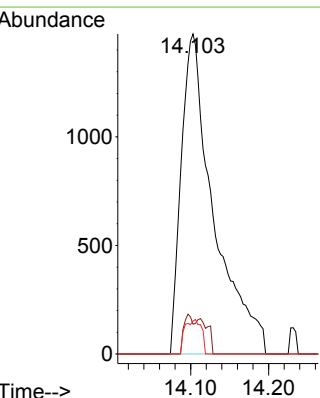
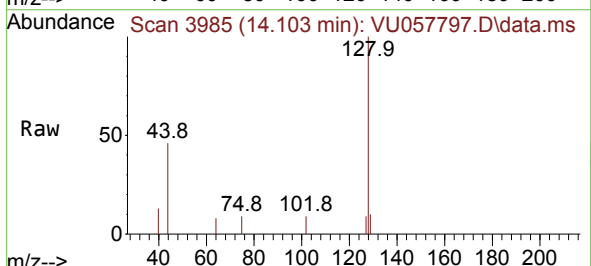
Tgt Ion:128 Resp: 4254

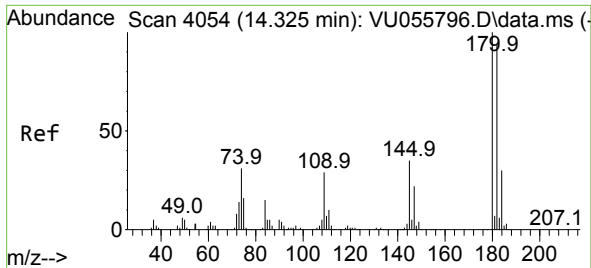
Ion Ratio Lower Upper

128 100

127 3.5 10.9 16.3#

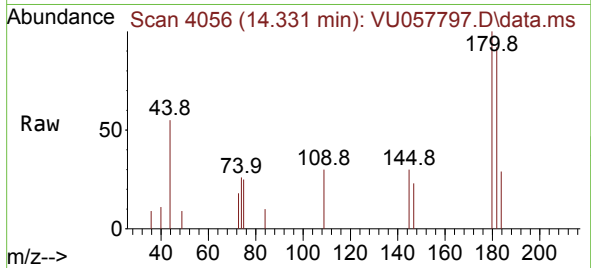
129 5.5 8.6 12.8#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.205 ug/l
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU057797.D
 Acq: 02 Feb 2024 17:17

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



Tgt Ion:	180	Resp:	2137
Ion Ratio	Lower	Upper	
180	100		
182	82.1	75.7	113.5
145	24.1	26.1	39.1#

