

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053158.D
 Acq On : 27 Feb 2023 18:21
 Operator : JC/MD
 Sample : 01627-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 28 04:08:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	25344	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10233	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8202	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	3954	0.615	ug/l	100
3) Chloromethane	1.521	50	4338	0.654	ug/l	95
4) Vinyl Chloride	1.605	62	4693	0.665	ug/l	97
5) Bromomethane	1.862	94	2800	0.697	ug/l	99
6) Chloroethane	1.936	64	3095	0.722	ug/l	98
7) Trichlorofluoromethane	2.142	101	6355	0.626	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	3975	0.626	ug/l	97
9) 1,1-Dichloroethene	2.582	96	3699	0.670	ug/l	95
10) Iodomethane	2.727	142	3107	0.547	ug/l	98
11) Allyl Chloride	2.923	41	5230	0.607	ug/l	87
12) Acrylonitrile	3.322	53	2300	1.628	ug/l #	74
13) Acetone	2.653	43	4861	2.407	ug/l	95
14) Carbon Disulfide	2.794	76	8271	0.653	ug/l	96
15) Methylene Chloride	3.045	84	7782	0.987	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	4187	0.690	ug/l	93
17) 1,1-Dichloroethane	3.865	63	8541	0.644	ug/l	96
18) 2-Butanone	4.723	43	6136	2.531	ug/l	91
19) Cyclohexane	5.386	56	6103	0.576	ug/l	88
20) Methylcyclohexane	6.759	83	6169	0.607	ug/l	96
21) 2,2-Dichloropropane	4.662	77	7969	0.685	ug/l	95
22) cis-1,2-Dichloroethene	4.666	96	4866	0.650	ug/l	96
23) Diethyl Ether	2.376	59	3054	0.677	ug/l #	92
24) tert-Butyl Alcohol	3.177	59	191	0.360	ug/l #	71
25) Methyl tert-Butyl Ether	3.363	73	10639	0.663	ug/l	98
26) Bromochloromethane	4.977	128	1925	0.665	ug/l	85
27) Chloroform	5.087	83	8593	0.629	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	7650	0.666	ug/l	95
29) 1,1-Dichloropropene	5.524	75	5411	0.629	ug/l	95
30) Carbon Tetrachloride	5.524	117	5054	0.639	ug/l	93
31) Isopropyl Ether	3.994	45	14213	0.671	ug/l	91
32) Ethyl-t-butyl ether	4.505	59	12798	0.638	ug/l	99
33) Tert-Amyl methyl ether	5.945	73	11111	0.698	ug/l	95
34) Propionitrile	4.791	54	736	1.305	ug/l #	56
35) Benzene	5.772	78	16927	0.667	ug/l	94
36) 1,2-Dichloroethane	5.794	62	5274	0.695	ug/l #	90
37) Trichloroethene	6.540	130	3972	0.682	ug/l	100
38) 1,2-Dichloropropane	6.791	63	5024	0.684	ug/l	94
39) Methacrylonitrile	4.981	41	1474	0.613	ug/l #	61
40) Methyl acrylate	4.852	55	2746	0.738	ug/l #	87
41) Tetrahydrofuran	5.071	42	1740	1.475	ug/l	92
42) 1-Chlorobutane	5.453	56	8272	0.690	ug/l	97
43) Dibromomethane	6.916	93	2176	0.668	ug/l	97
44) Bromodichloromethane	7.106	83	5640	0.633	ug/l	96

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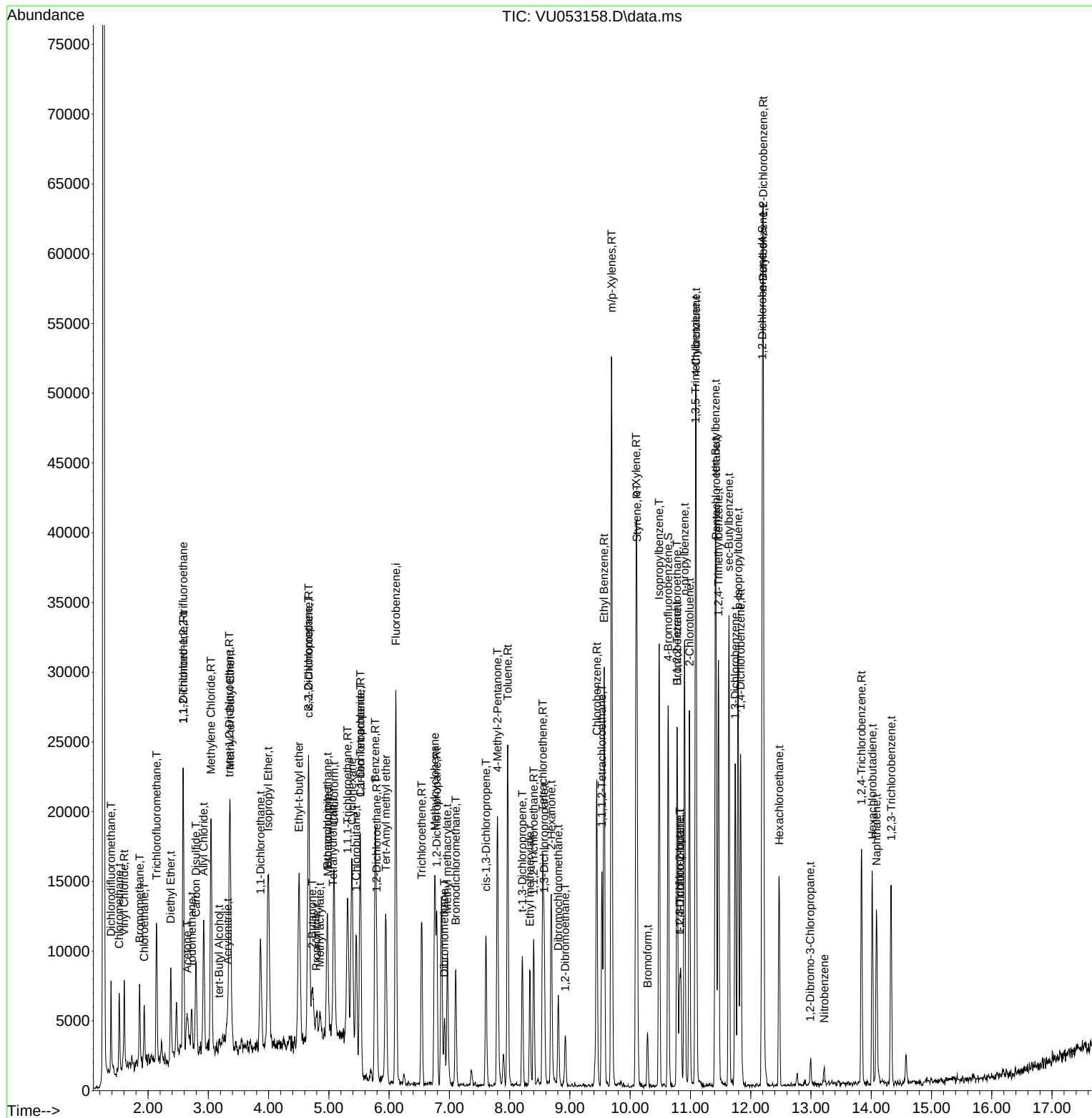
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	14055	3.536	ug/l	96
46) t-1,4-Dichloro-2-butene	10.823	75	5408	2.700	ug/l #	51
47) Methyl methacrylate	6.964	69	4515	1.348	ug/l	94
48) Ethyl methacrylate	8.337	69	4529	0.659	ug/l	90
49) Toluene	7.968	92	10465	0.669	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	5644	0.652	ug/l #	87
51) cis-1,3-Dichloropropene	7.608	75	6651	0.634	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	3488	0.729	ug/l	95
53) 1,3-Dichloropropane	8.575	76	5810	0.678	ug/l	99
54) 2-Hexanone	8.691	43	10117	2.988	ug/l	95
55) Dibromochloromethane	8.807	129	3444	0.631	ug/l	97
56) 1,2-Dibromoethane	8.923	107	2835	0.667	ug/l	99
58) Tetrachloroethene	8.550	164	3033	0.653	ug/l	97
59) Chlorobenzene	9.447	112	11358	0.649	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	3648	0.631	ug/l	95
61) Pentachloroethane	11.424	117	3444	0.686	ug/l	85
62) Hexachloroethane	12.475	117	3129	0.565	ug/l	100
63) Ethyl Benzene	9.569	91	21892	0.678	ug/l	96
64) m/p-Xylenes	9.691	106	15590	1.332	ug/l	99
65) o-Xylene	10.099	106	7581	0.634	ug/l	95
66) Styrene	10.112	104	11994	0.633	ug/l	99
67) Bromoform	10.289	173	1644	0.620	ug/l #	89
69) Isopropylbenzene	10.482	105	20510	0.641	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	4294	0.666	ug/l #	92
71) 1,2,3-Trichloropropane	10.823	75	5408	0.975	ug/l	75
72) Bromobenzene	10.781	156	4105	0.661	ug/l	91
73) n-propylbenzene	10.903	120	5717	0.673	ug/l	94
74) 2-Chlorotoluene	10.984	126	5076	0.722	ug/l	90
75) 1,3,5-Trimethylbenzene	11.083	105	17107	0.642	ug/l	99
76) 4-Chlorotoluene	11.093	126	5348	0.723	ug/l	74
77) tert-Butylbenzene	11.414	119	16949	0.649	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	17323	0.638	ug/l	99
79) sec-Butylbenzene	11.640	105	23603	0.651	ug/l	98
80) Nitrobenzene	13.221	77	909	2.699	ug/l #	77
81) p-Isopropyltoluene	11.791	119	17890	0.623	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	8873	0.650	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	8597	0.617	ug/l	89
84) n-Butylbenzene	12.205	91	17948	0.604	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	8438	0.649	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	680	0.671	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.839	180	5556	0.696	ug/l #	90
88) Hexachlorobutadiene	14.019	225	2173	0.557	ug/l	95
89) Naphthalene	14.086	128	11289	0.665	ug/l	98
90) 1,2,3-Trichlorobenzene	14.331	180	4531	0.645	ug/l	95

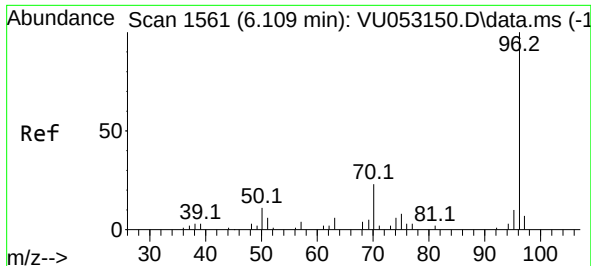
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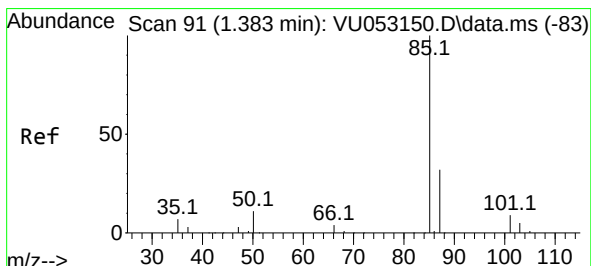
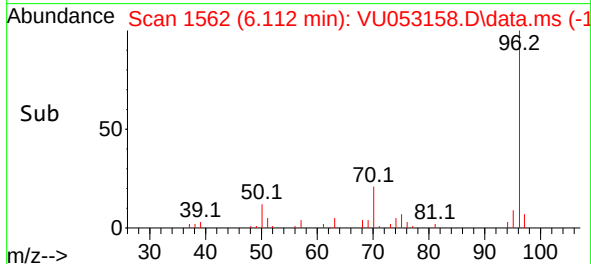
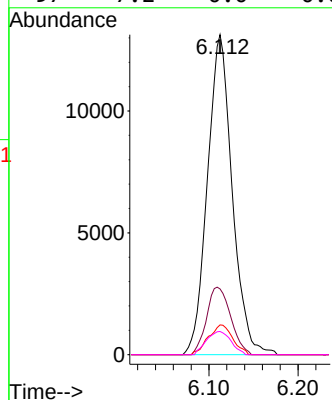
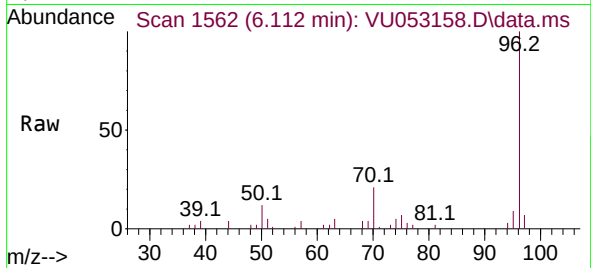




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053158.D
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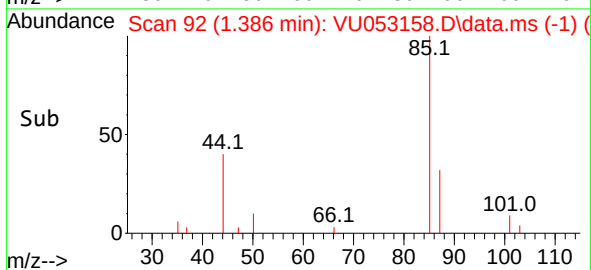
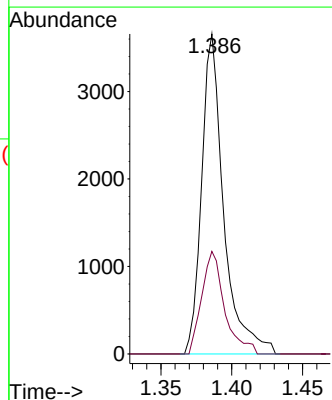
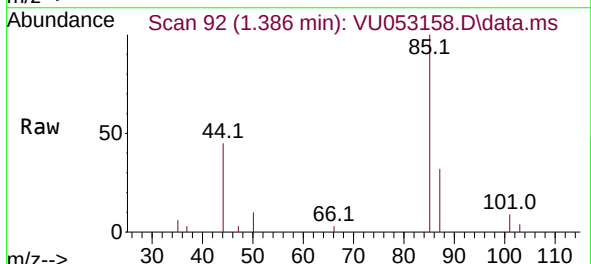
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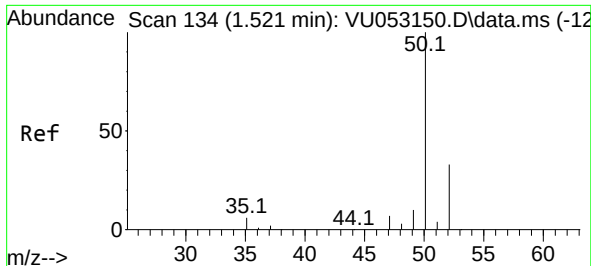
Tgt Ion:	96	Resp:	25344
Ion Ratio	Lower	Upper	
96	100		
70	20.5	15.5	23.3
95	9.1	7.0	10.6
97	7.2	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.615 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:	85	Resp:	3954
Ion Ratio	Lower	Upper	
85	100		
87	32.0	16.1	48.2

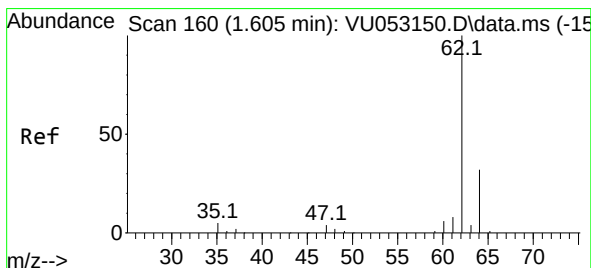
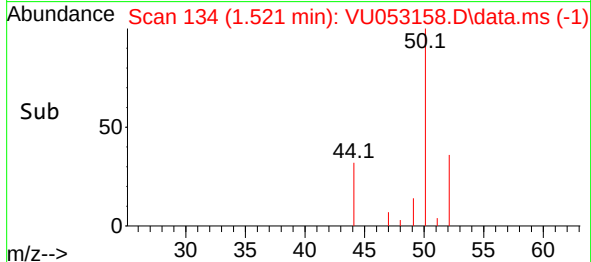
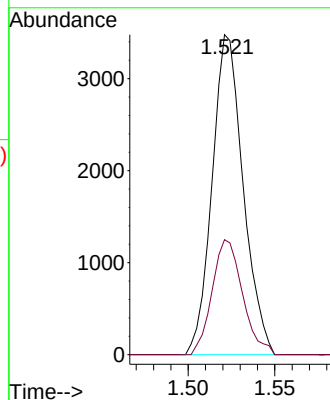
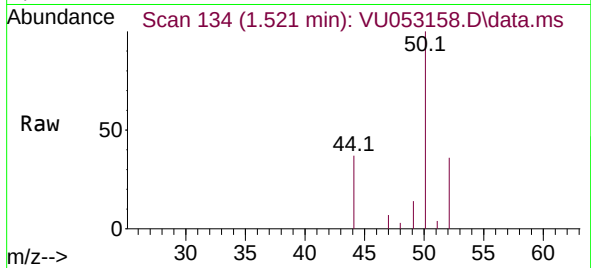




#3
Chloromethane
Concen: 0.654 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

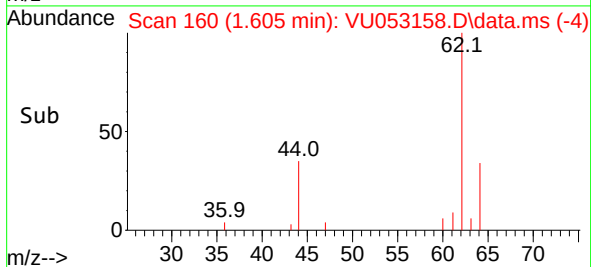
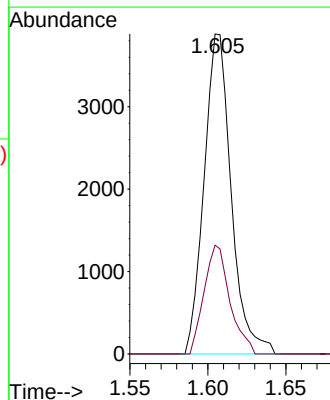
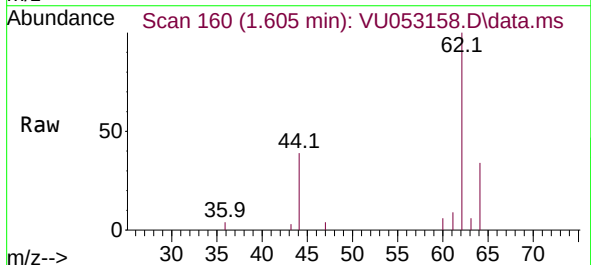
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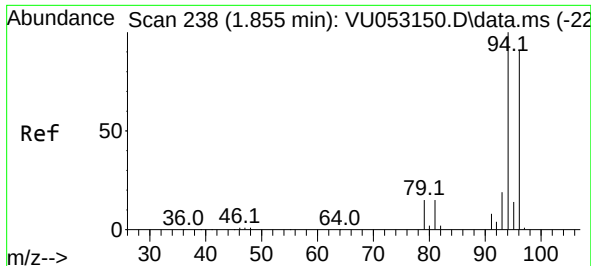
Tgt Ion: 50 Resp: 4338
Ion Ratio Lower Upper
50 100
52 36.0 26.7 40.1



#4
Vinyl Chloride
Concen: 0.665 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 62 Resp: 4693
Ion Ratio Lower Upper
62 100
64 34.0 25.8 38.6

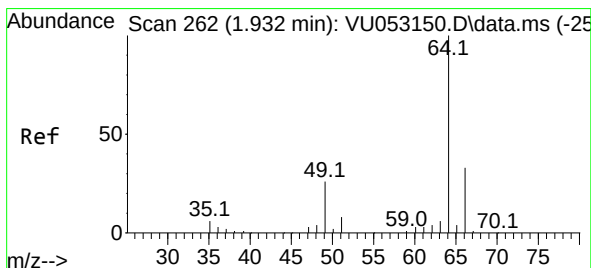
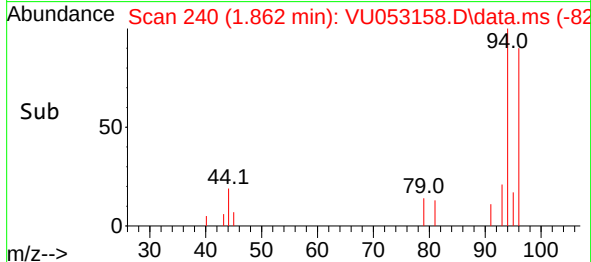
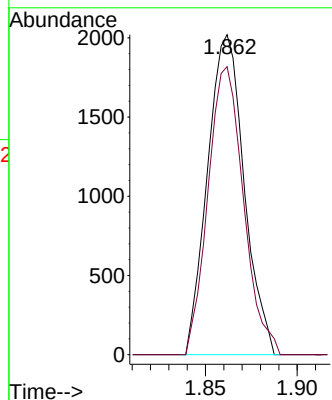
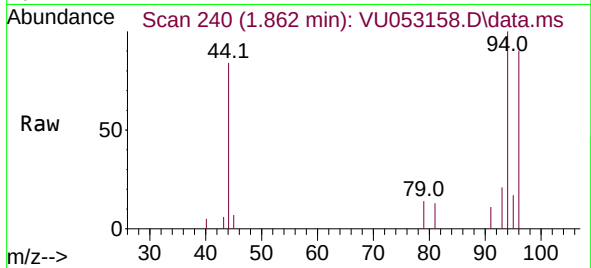




#5
Bromomethane
Concen: 0.697 ug/l
RT: 1.862 min Scan# 240
Delta R.T. 0.006 min
Lab File: VU053158.D
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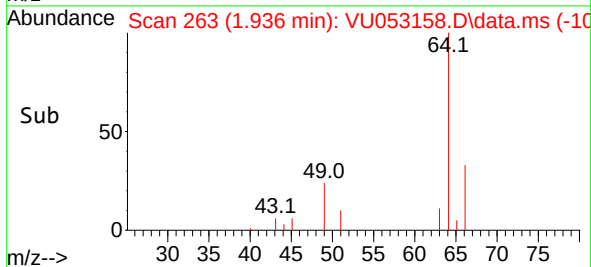
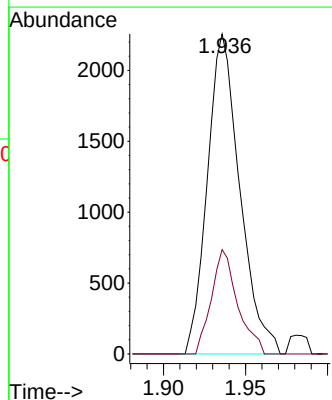
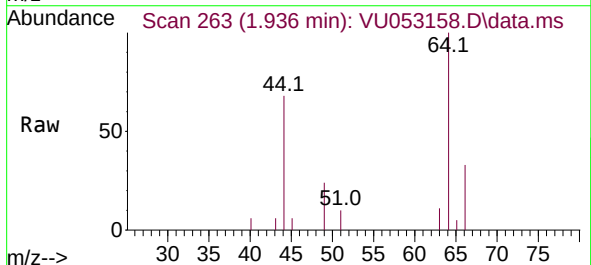
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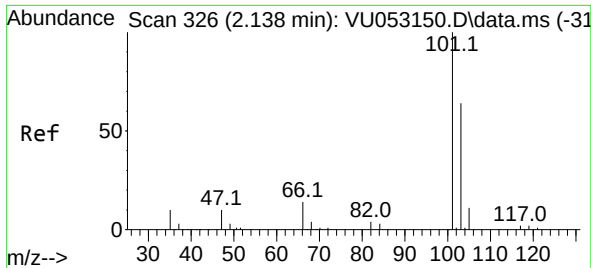
Tgt Ion: 94 Resp: 2800
Ion Ratio Lower Upper
94 100
96 90.0 72.6 108.8



#6
Chloroethane
Concen: 0.722 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053158.D
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Tgt Ion: 64 Resp: 3095
Ion Ratio Lower Upper
64 100
66 32.6 26.8 40.2

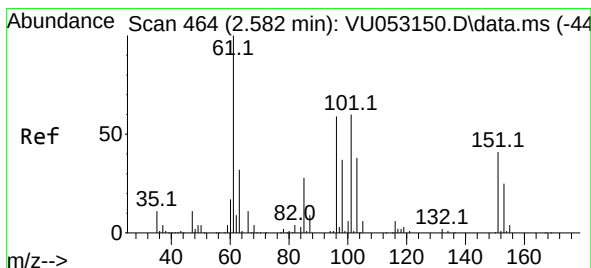
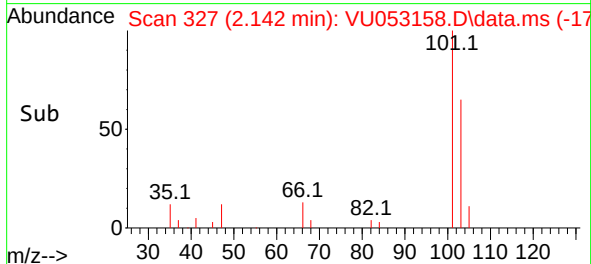
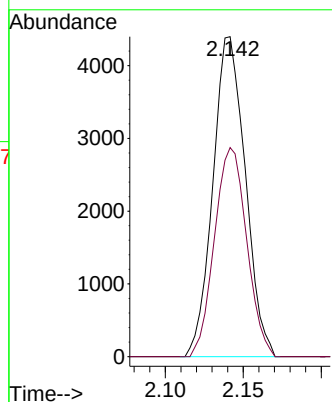
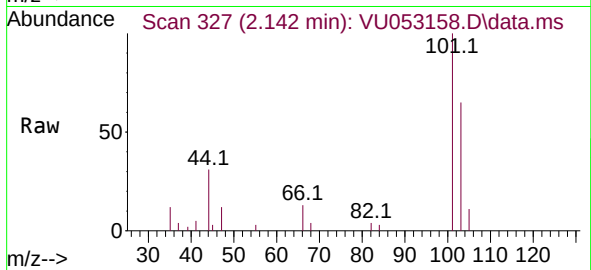




#7
Trichlorofluoromethane
Concen: 0.626 ug/l
RT: 2.142 min Scan# 31
Delta R.T. 0.003 min
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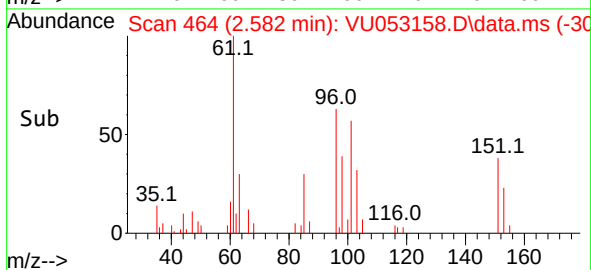
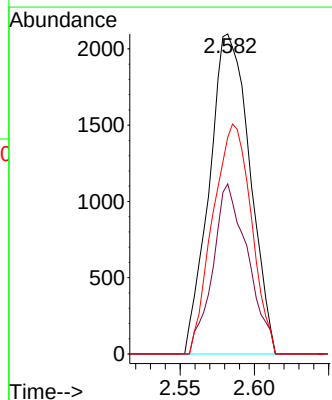
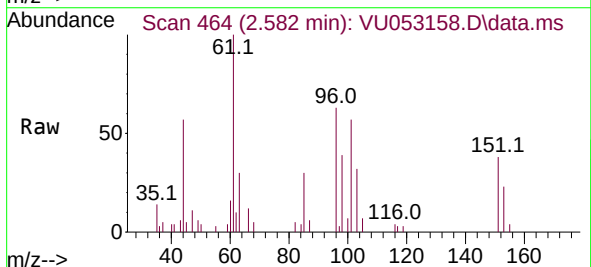
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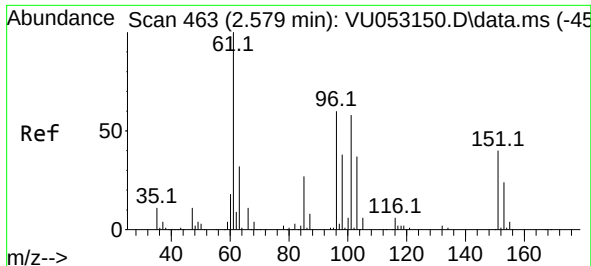
Tgt Ion:101 Resp: 6355
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU053158.D
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Tgt Ion:101 Resp: 3975
Ion Ratio Lower Upper
101 100
85 46.0 37.3 55.9
151 68.4 52.4 78.6

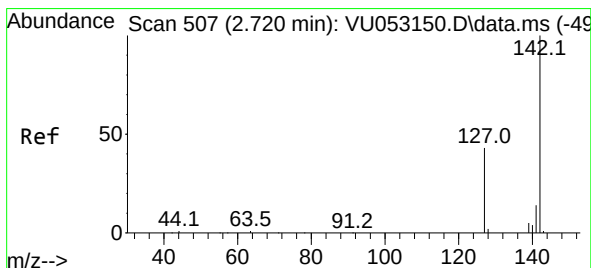
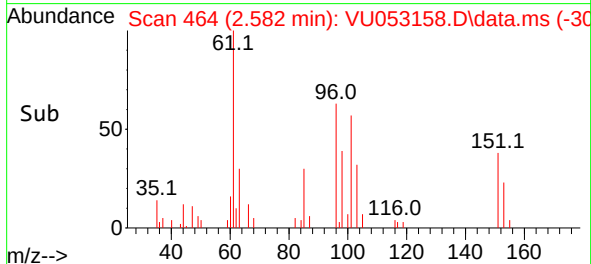
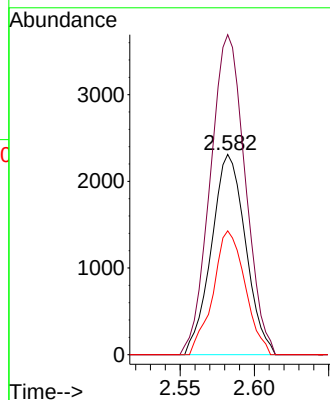
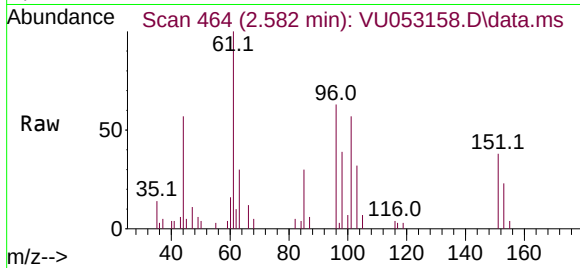




#9
1,1-Dichloroethene
Concen: 0.670 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
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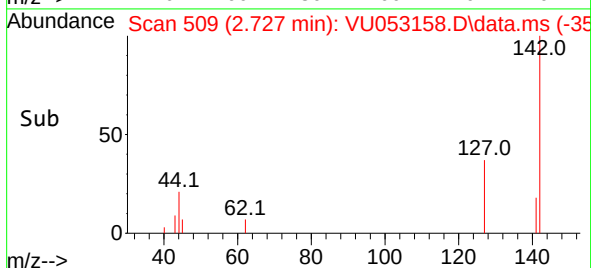
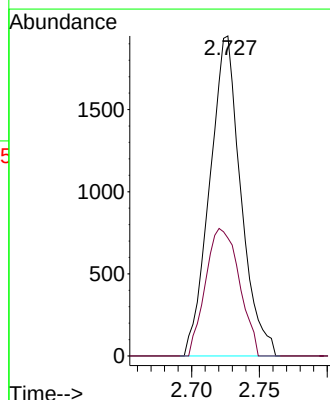
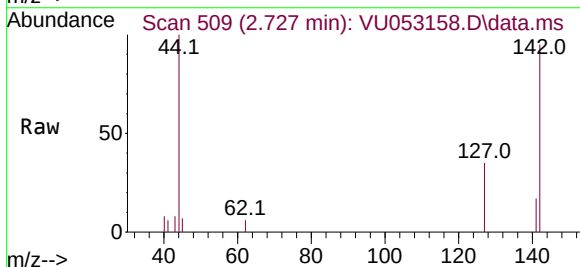
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LOD-MDL-WATER-01-QT1-2023

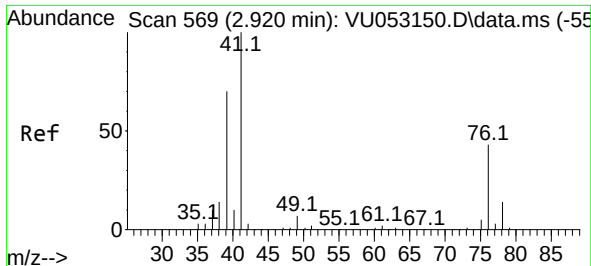
Tgt Ion: 96 Resp: 3699
Ion Ratio Lower Upper
96 100
61 159.8 0.0 502.5
98 61.8 0.0 126.2



#10
Iodomethane
Concen: 0.547 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 142 Resp: 3107
Ion Ratio Lower Upper
142 100
127 43.4 35.8 53.8

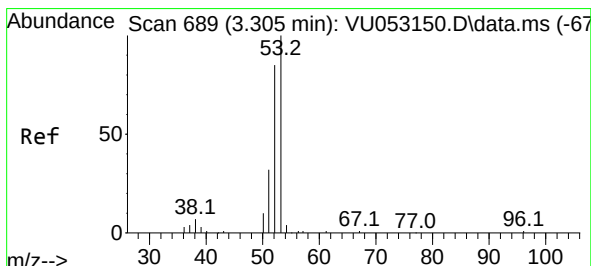
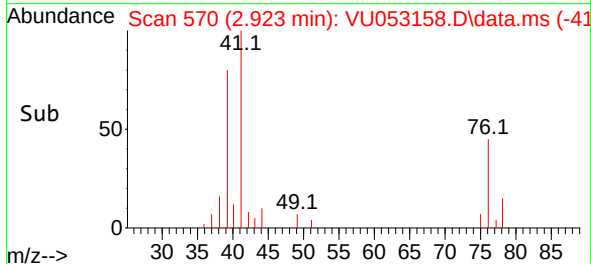
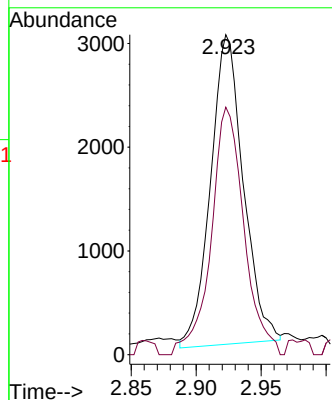
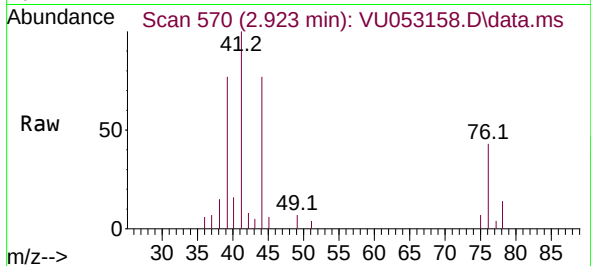




#11
 Allyl Chloride
 Concen: 0.607 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

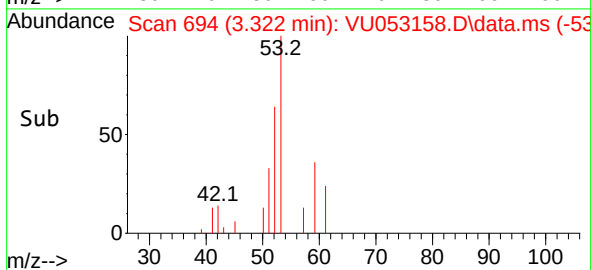
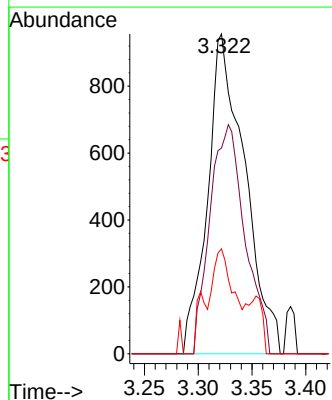
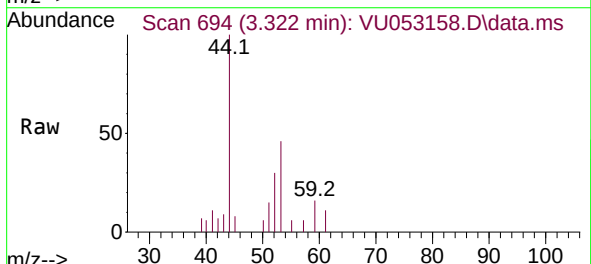
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

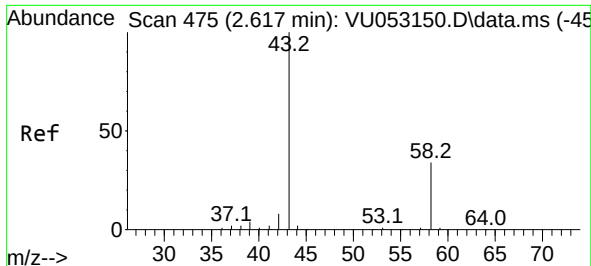
Tgt Ion: 41 Resp: 5230
 Ion Ratio Lower Upper
 41 100
 39 79.8 55.3 82.9



#12
 Acrylonitrile
 Concen: 1.628 ug/l
 RT: 3.322 min Scan# 694
 Delta R.T. 0.016 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Tgt Ion: 53 Resp: 2300
 Ion Ratio Lower Upper
 53 100
 52 67.8 65.9 98.9
 51 11.2 31.8 47.8#

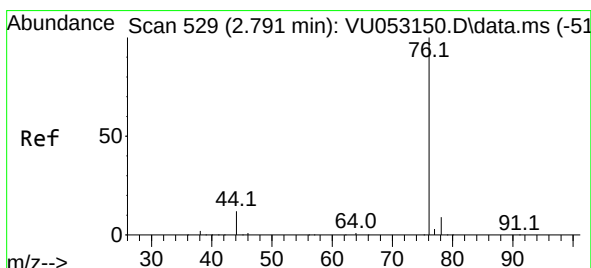
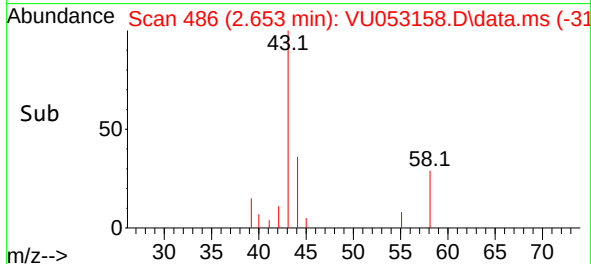
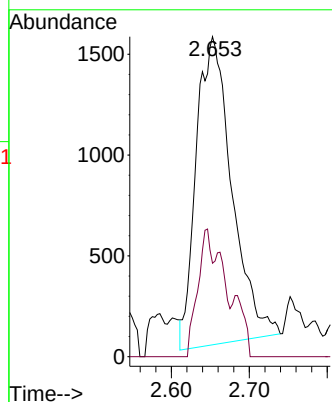
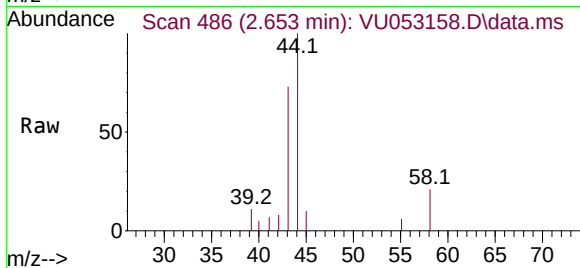




#13
Acetone
Concen: 2.407 ug/l
RT: 2.653 min Scan# 41
Delta R.T. 0.035 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

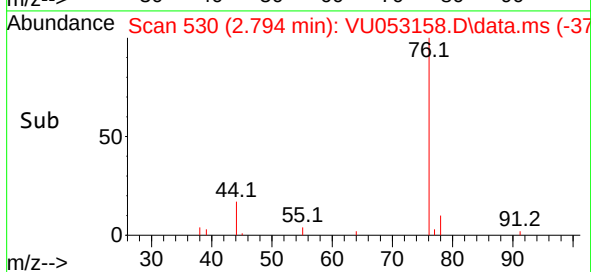
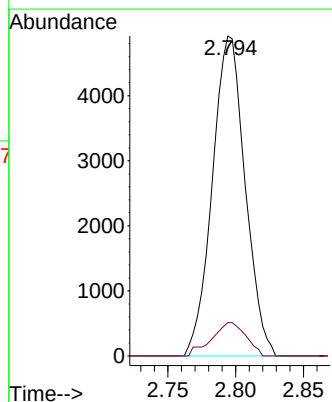
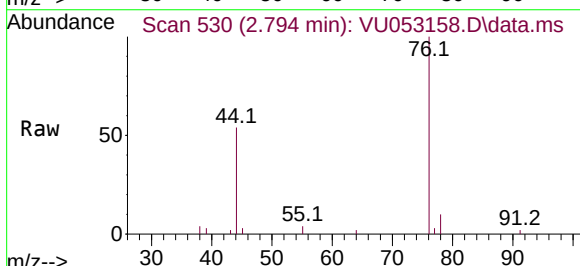
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

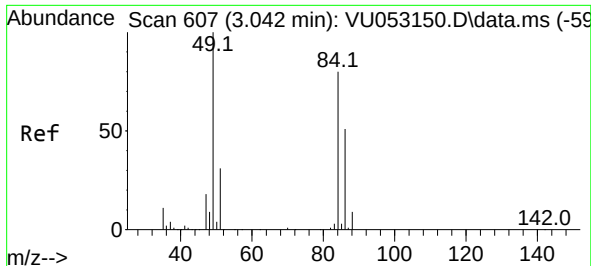
Tgt Ion: 43 Resp: 4861
Ion Ratio Lower Upper
43 100
58 31.4 27.2 40.8



#14
Carbon Disulfide
Concen: 0.653 ug/l
RT: 2.794 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 76 Resp: 8271
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

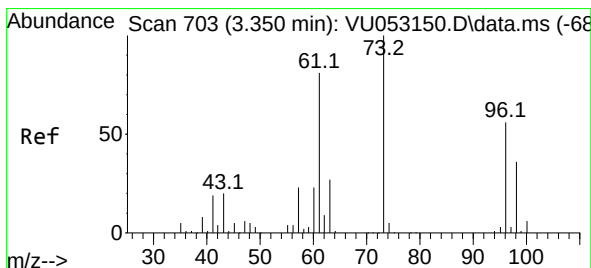
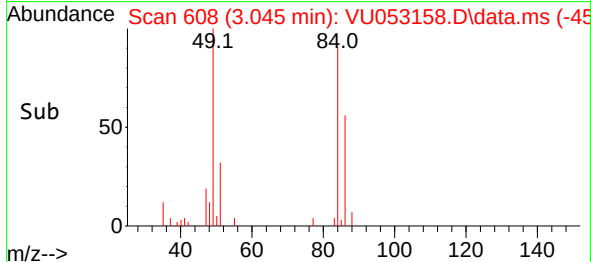
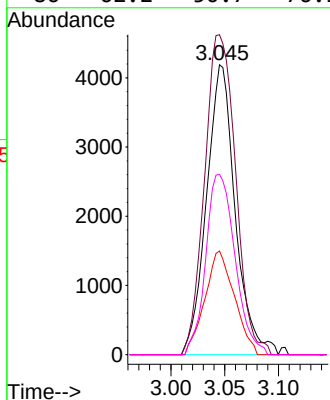
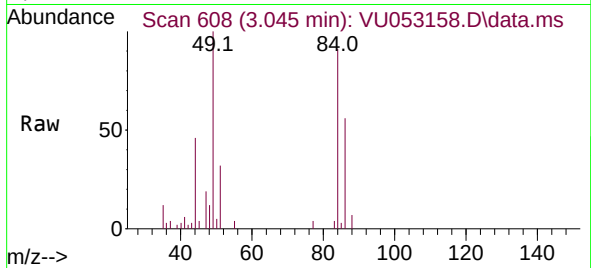




#15
Methylene Chloride
Concen: 0.987 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

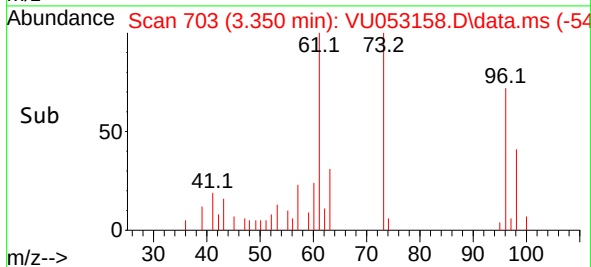
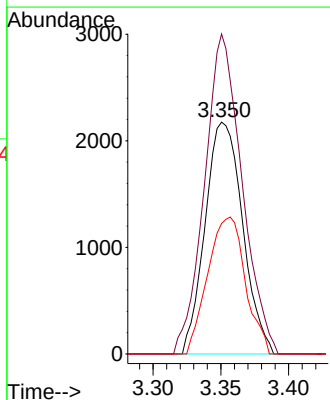
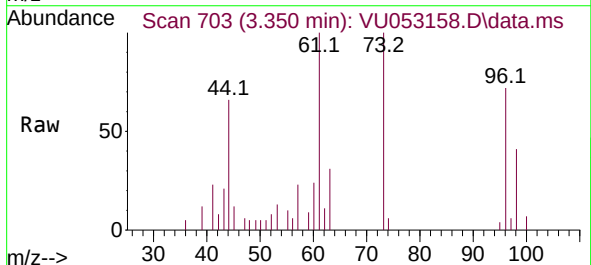
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

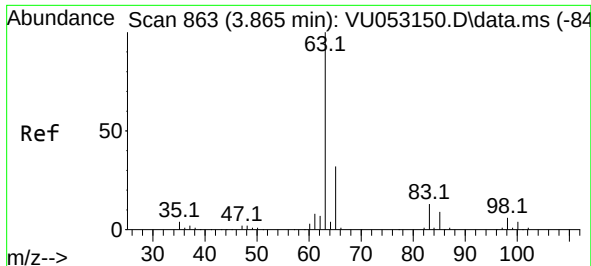
Tgt Ion:	84	Resp:	7782
Ion	Ratio	Lower	Upper
84	100		
49	110.4	99.5	149.3
51	35.7	0.0	76.8
86	62.2	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 0.690 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:	96	Resp:	4187
Ion	Ratio	Lower	Upper
96	100		
61	138.0	116.1	174.1
98	56.3	51.4	77.2

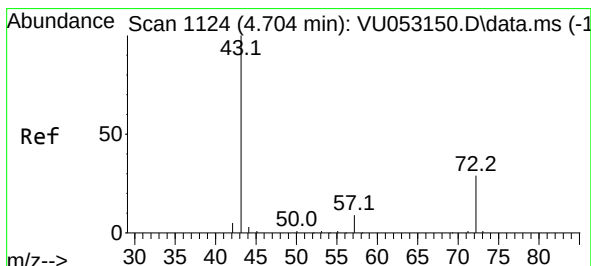
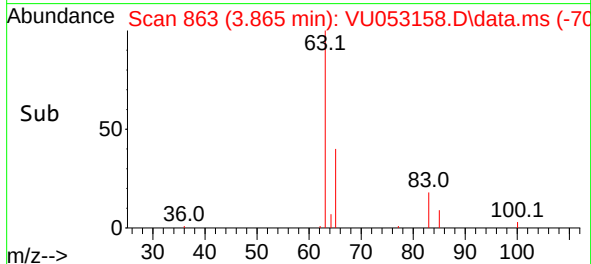
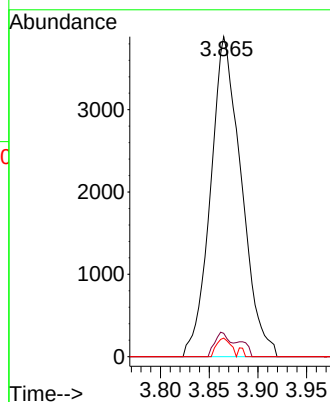
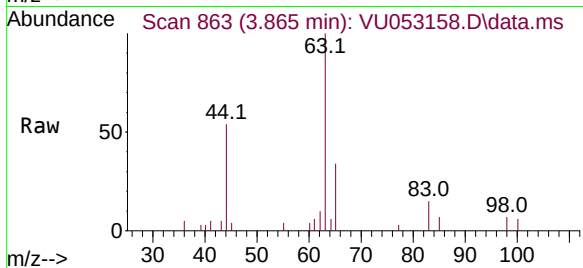




#17
1,1-Dichloroethane
Concen: 0.644 ug/l
RT: 3.865 min Scan# 863
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

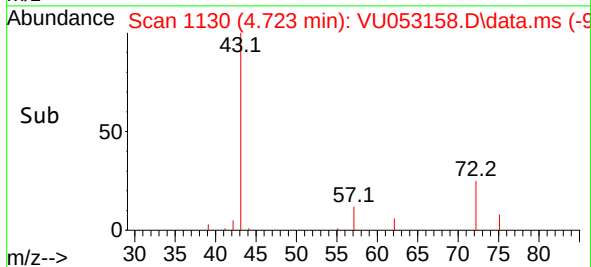
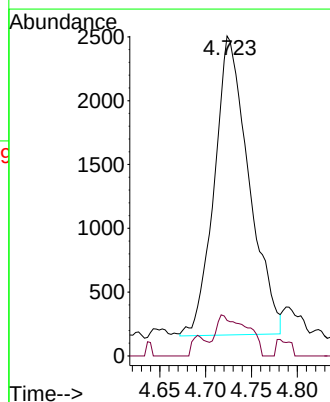
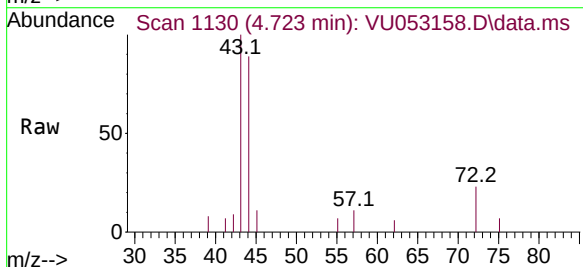
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

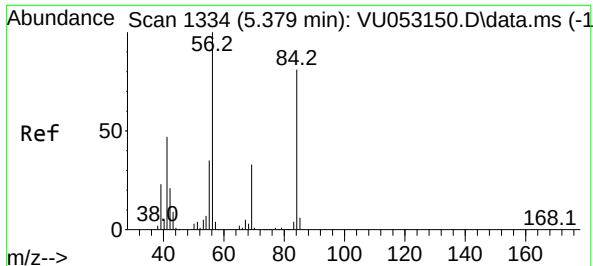
Tgt Ion: 63 Resp: 8541
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.4
100 5.8 2.1 6.2



#18
2-Butanone
Concen: 2.531 ug/l
RT: 4.723 min Scan# 1130
Delta R.T. 0.019 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 43 Resp: 6136
Ion Ratio Lower Upper
43 100
57 11.9 0.0 17.6





#19

Cyclohexane

Concen: 0.576 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

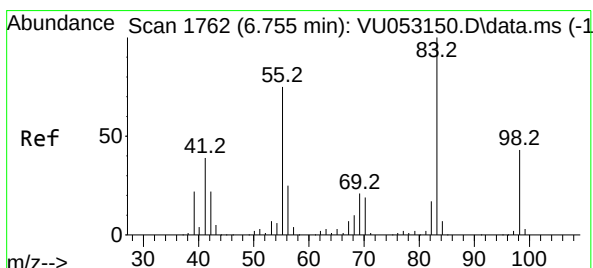
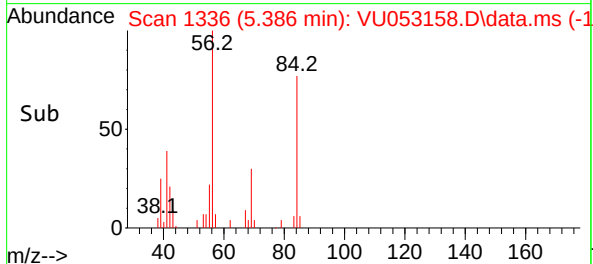
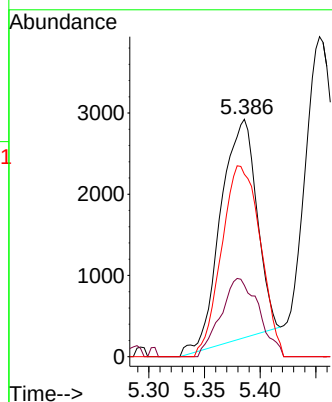
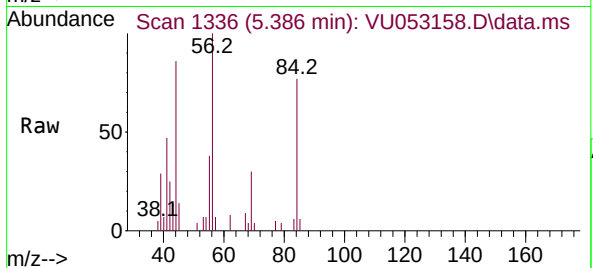
Tgt Ion: 56 Resp: 6103

Ion Ratio Lower Upper

56 100

69 37.6 26.1 39.1

84 93.3 64.7 97.1



#20

Methylcyclohexane

Concen: 0.607 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

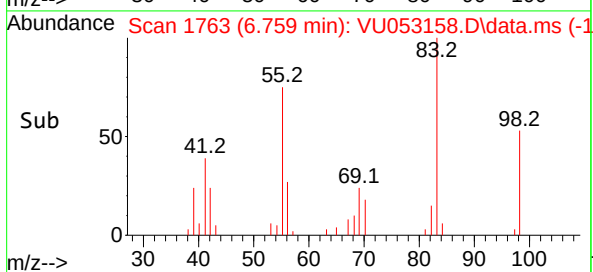
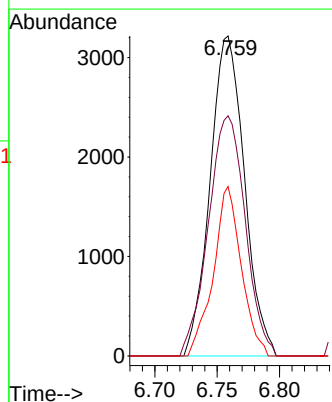
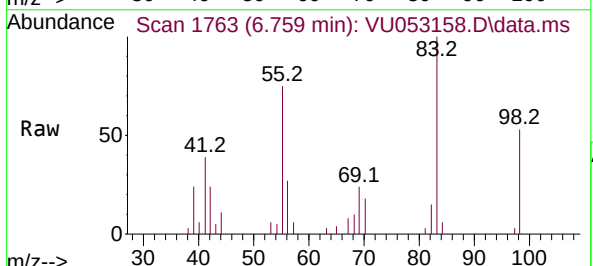
Tgt Ion: 83 Resp: 6169

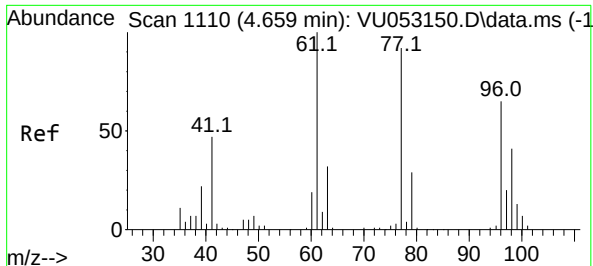
Ion Ratio Lower Upper

83 100

55 80.5 60.2 90.2

98 43.2 33.9 50.9





#21

2,2-Dichloropropane

Concen: 0.685 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

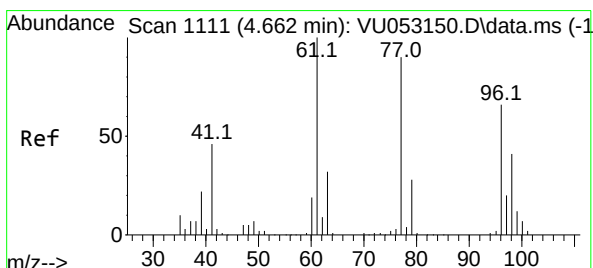
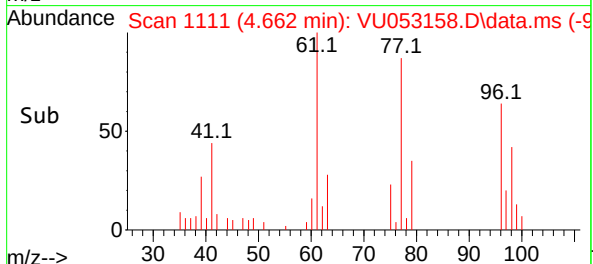
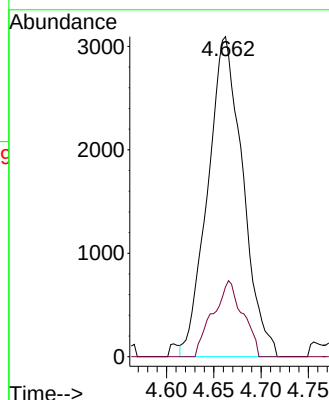
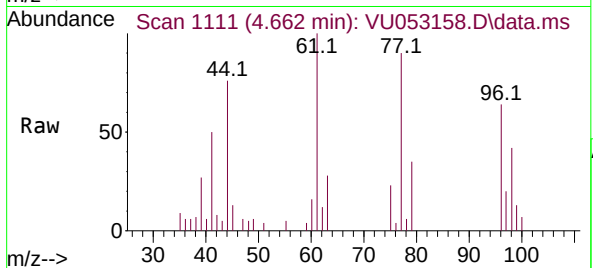
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 7969

Ion Ratio Lower Upper

77 100

97 20.2 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 0.650 ug/l

RT: 4.666 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

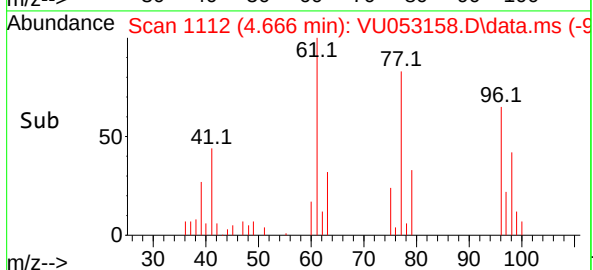
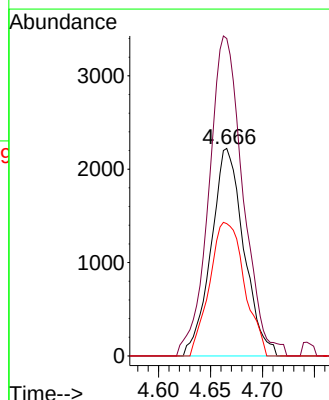
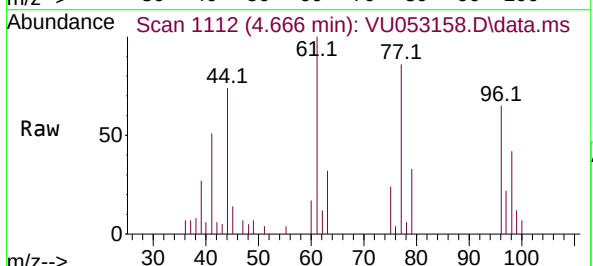
Tgt Ion: 96 Resp: 4866

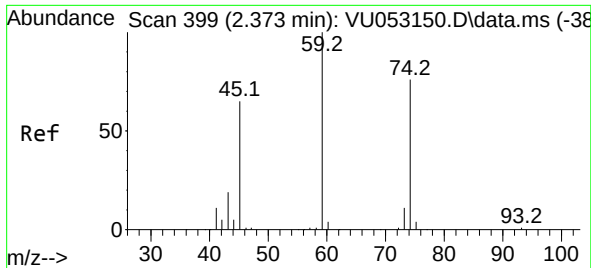
Ion Ratio Lower Upper

96 100

61 160.8 0.0 390.5

98 68.4 31.9 95.9





#23

Diethyl Ether

Concen: 0.677 ug/l

RT: 2.376 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

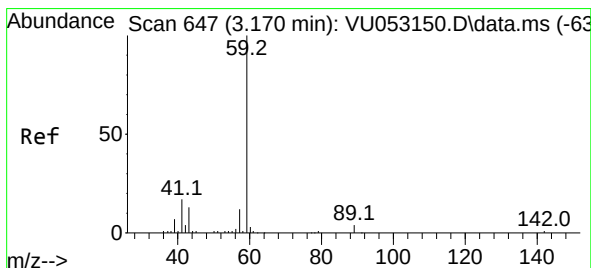
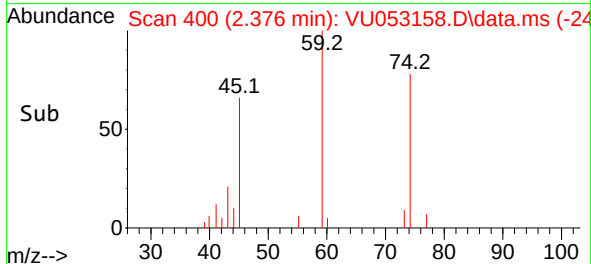
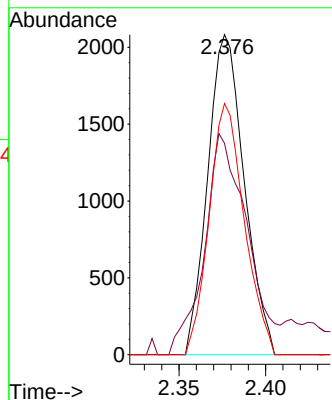
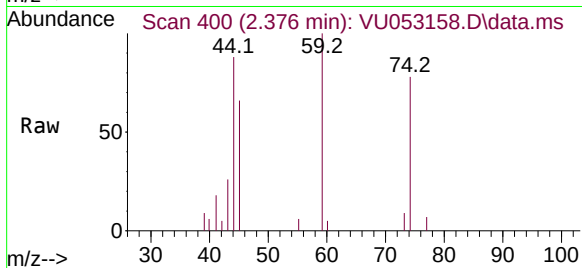
Tgt Ion: 59 Resp: 3054

Ion Ratio Lower Upper

59 100

45 81.3 54.2 81.2#

74 75.4 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 0.360 ug/l

RT: 3.177 min Scan# 649

Delta R.T. 0.006 min

Lab File: VU053158.D

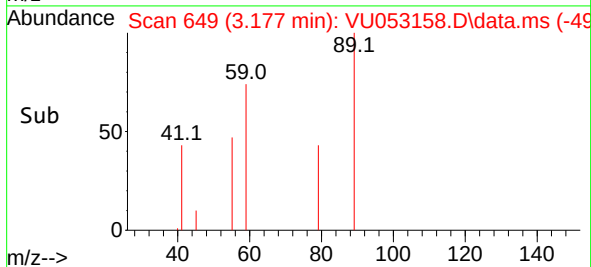
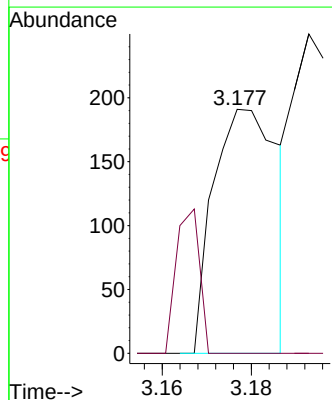
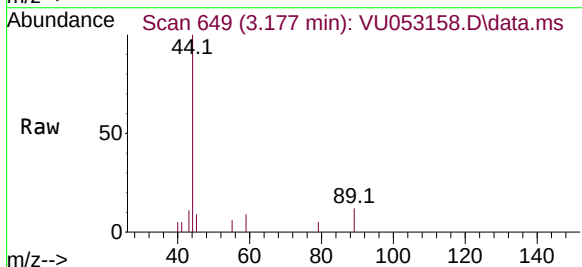
Acq: 27 Feb 2023 18:21

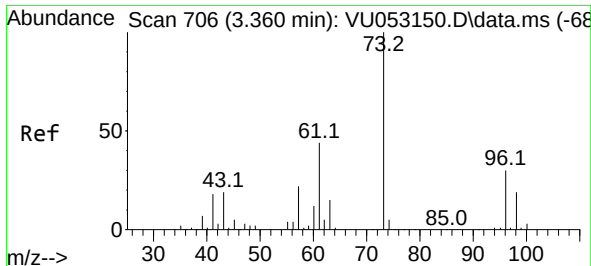
Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

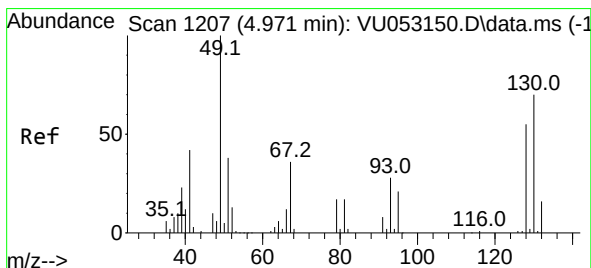
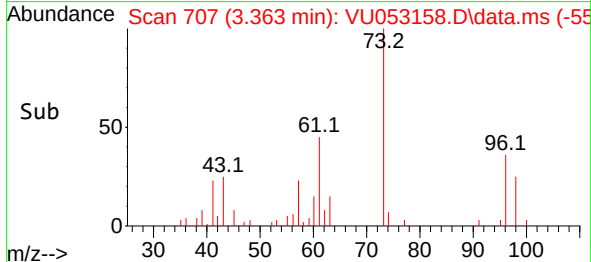
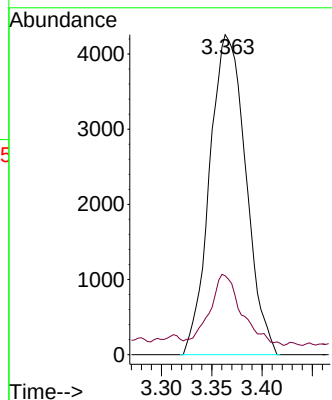
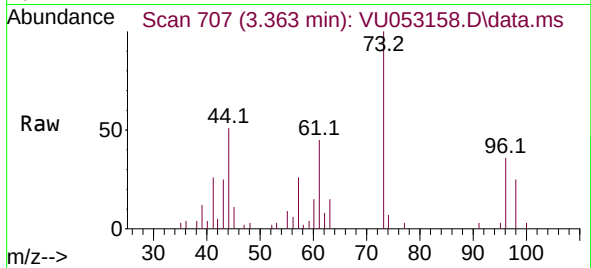




#25
Methyl tert-Butyl Ether
Concen: 0.663 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

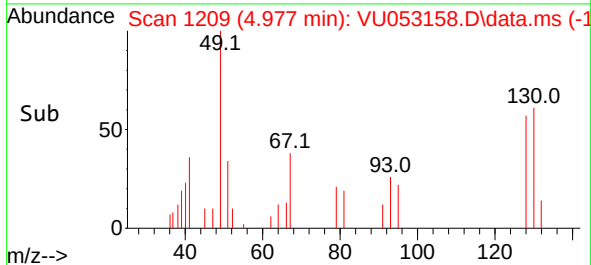
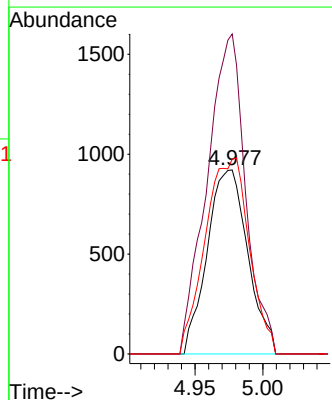
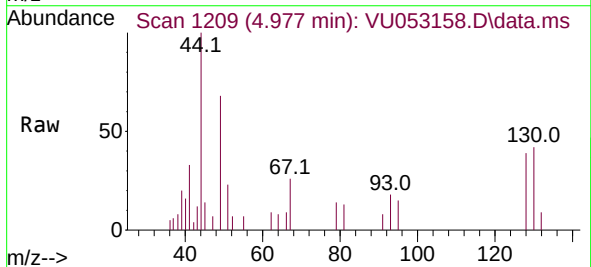
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

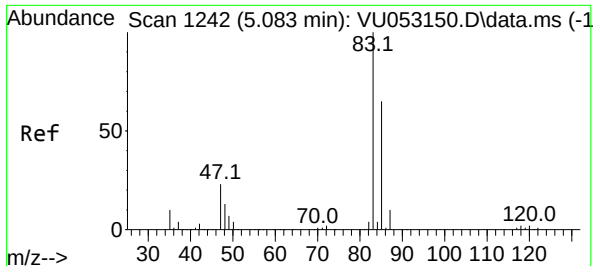
Tgt Ion: 73 Resp: 10639
Ion Ratio Lower Upper
73 100
43 19.6 15.0 22.6



#26
Bromochloromethane
Concen: 0.665 ug/l
RT: 4.977 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 128 Resp: 1925
Ion Ratio Lower Upper
128 100
49 164.4 0.0 376.8
130 114.9 104.8 157.2





#27

Chloroform

Concen: 0.629 ug/l

RT: 5.087 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

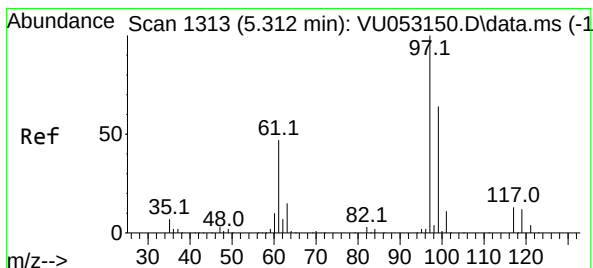
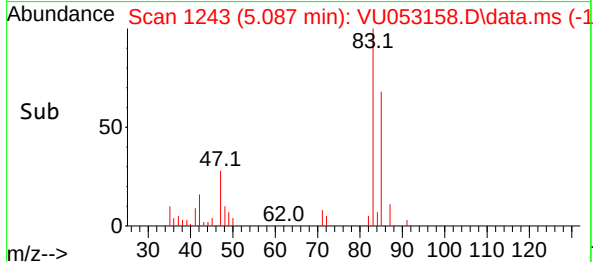
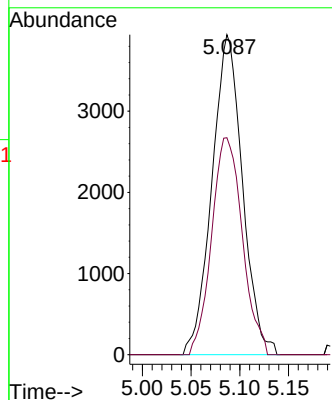
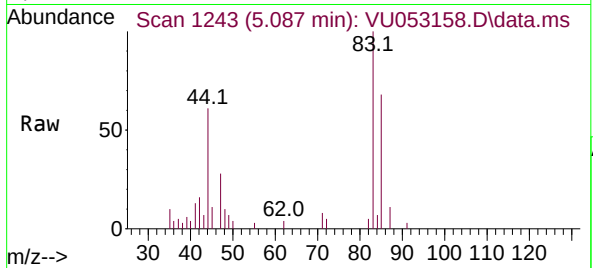
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 8593

Ion Ratio Lower Upper

83 100

85 67.8 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 0.666 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

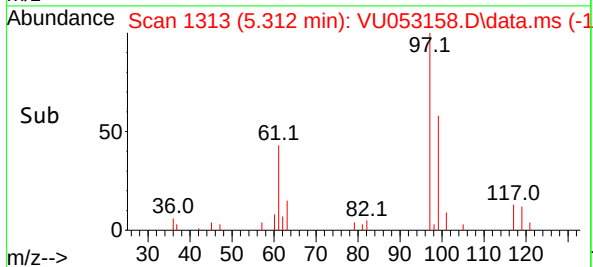
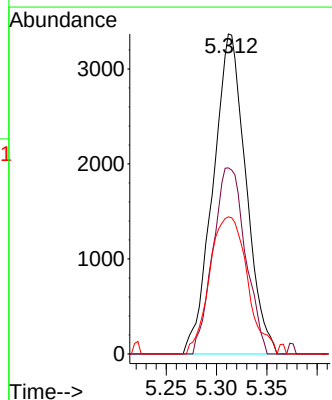
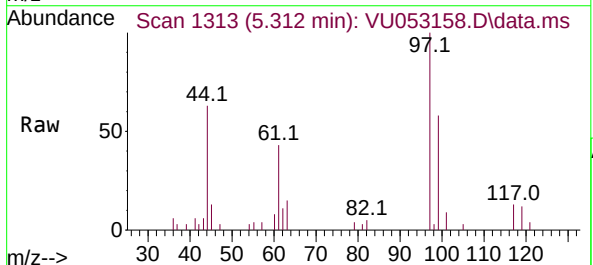
Tgt Ion: 97 Resp: 7650

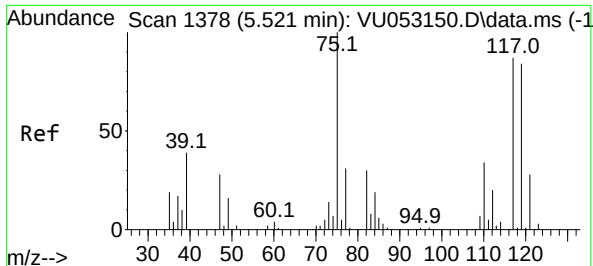
Ion Ratio Lower Upper

97 100

99 57.4 31.6 94.8

61 49.2 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.629 ug/l

RT: 5.524 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

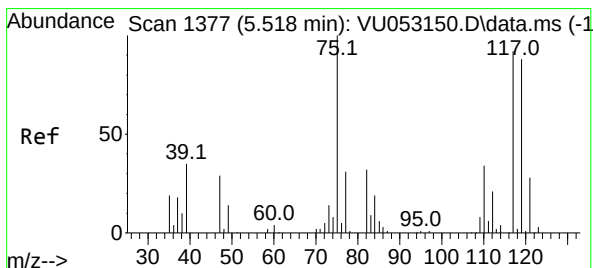
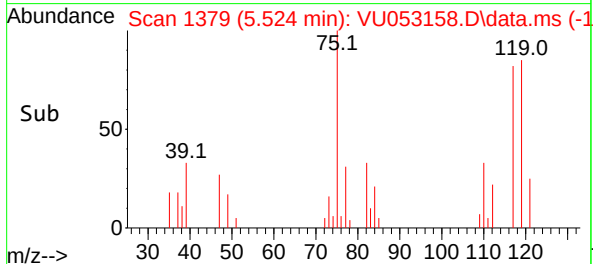
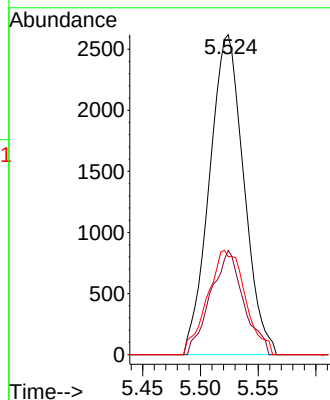
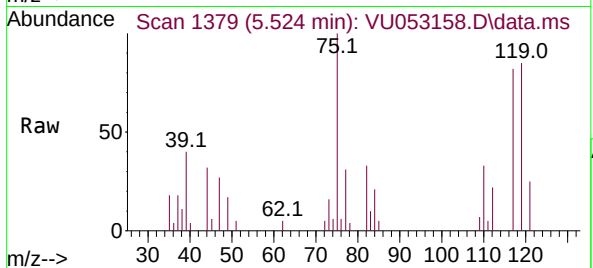
Tgt Ion: 75 Resp: 5411

Ion Ratio Lower Upper

75 100

110 31.3 16.3 48.8

77 35.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 0.639 ug/l

RT: 5.524 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

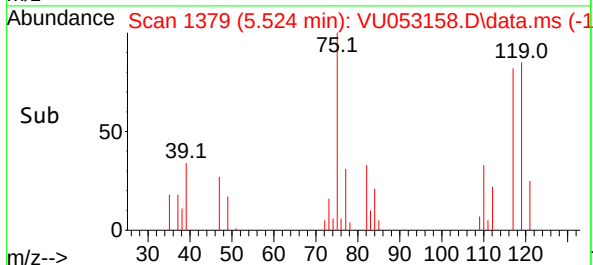
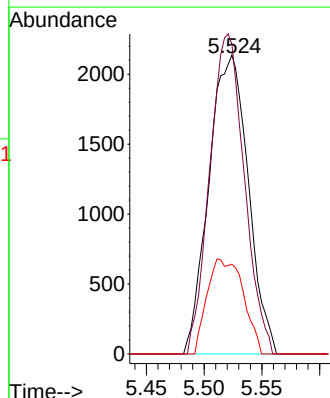
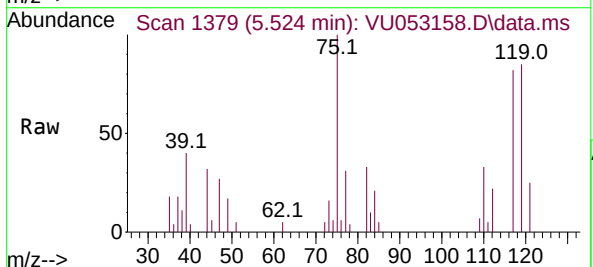
Tgt Ion: 117 Resp: 5054

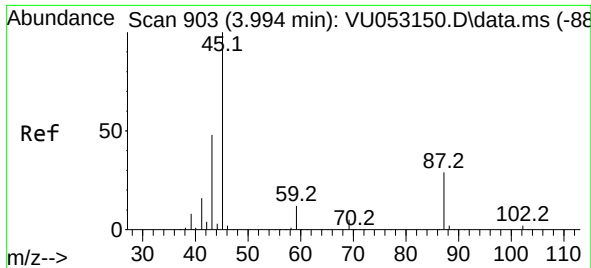
Ion Ratio Lower Upper

117 100

119 103.6 76.2 114.2

121 30.0 24.6 36.8

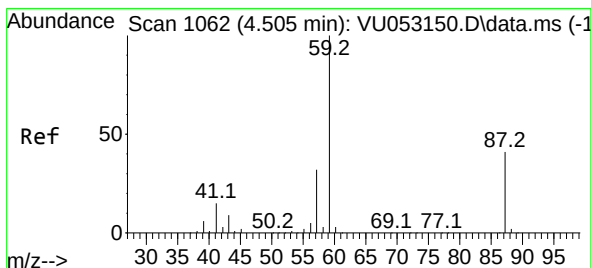
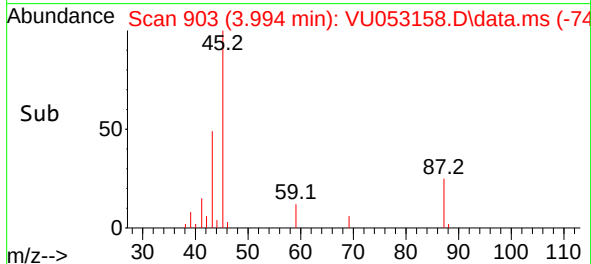
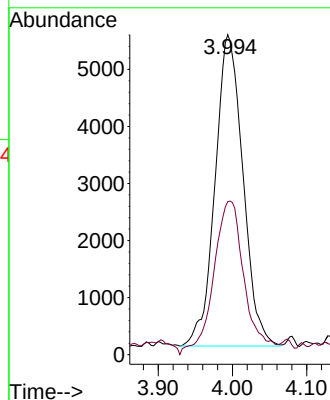
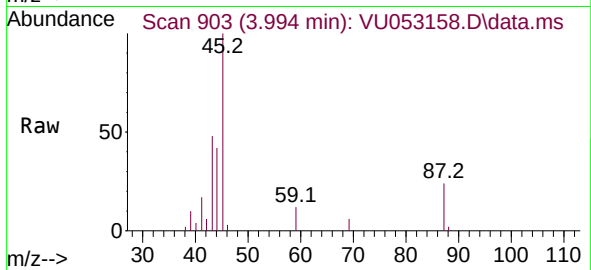




#31
Isopropyl Ether
Concen: 0.671 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

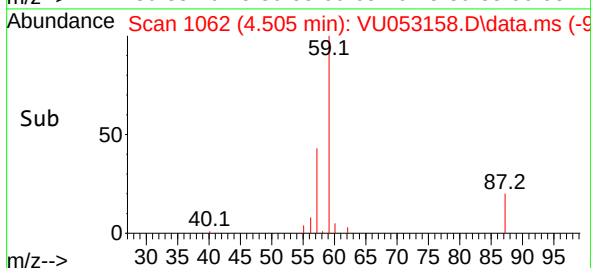
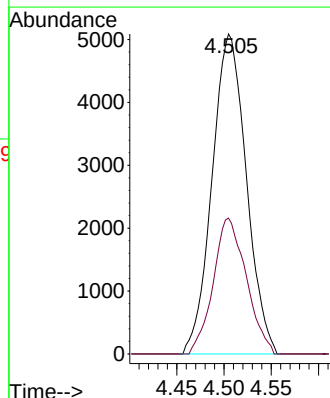
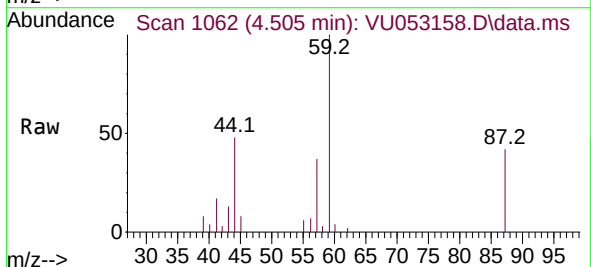
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

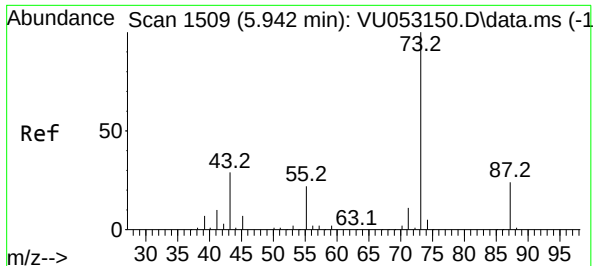
Tgt Ion: 45 Resp: 14213
Ion Ratio Lower Upper
45 100
43 54.9 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 0.638 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 59 Resp: 12798
Ion Ratio Lower Upper
59 100
87 41.0 32.5 48.7

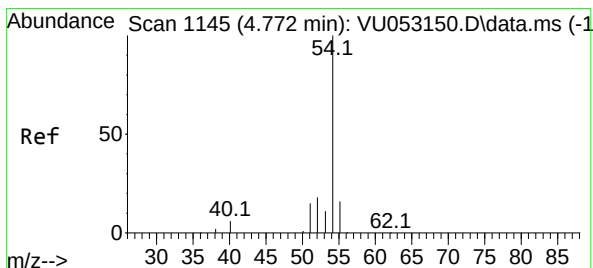
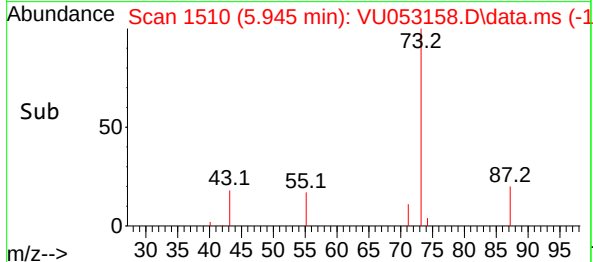
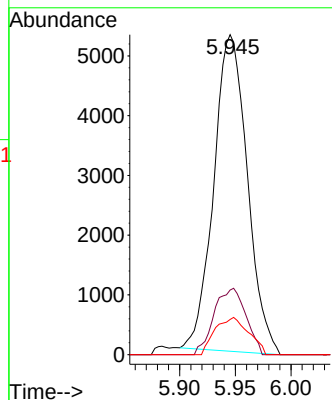
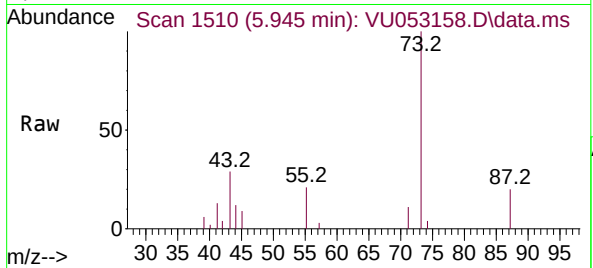




#33
Tert-Amyl methyl ether
Concen: 0.698 ug/l
RT: 5.945 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

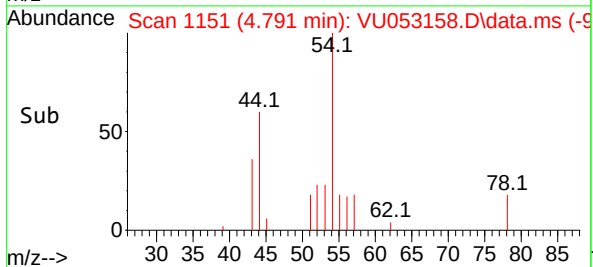
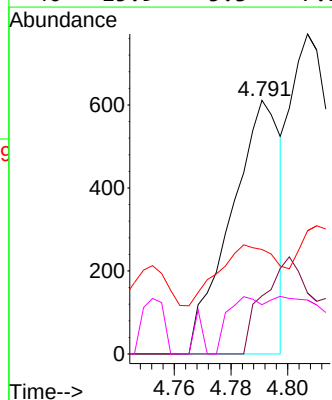
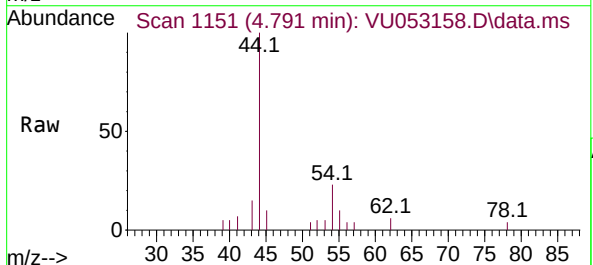
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

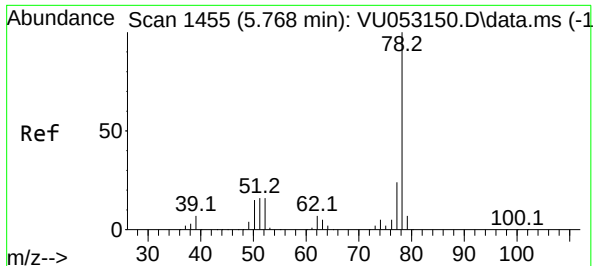
Tgt Ion: 73	Resp: 11111
Ion Ratio	Lower Upper
73	100
87	19.9 19.0 28.4
71	11.8 9.2 13.8



#34
Propionitrile
Concen: 1.305 ug/l
RT: 4.791 min Scan# 1151
Delta R.T. 0.019 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 54	Resp: 736
Ion Ratio	Lower Upper
54	100
52	0.0 16.5 24.7#
55	35.9 11.4 17.2#
40	15.9 5.3 7.9#

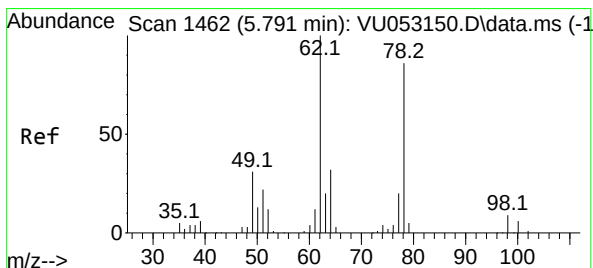
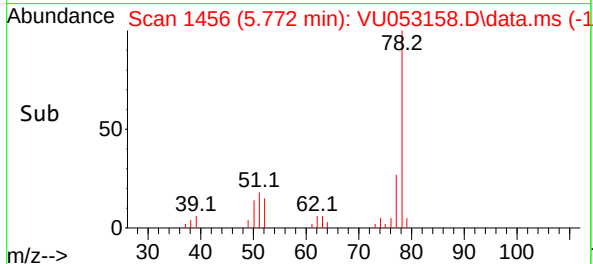
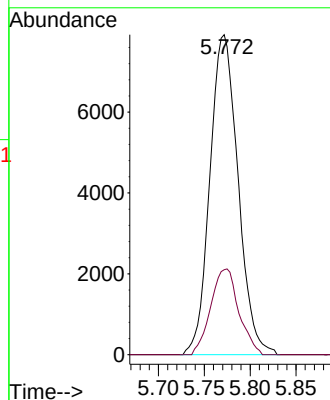
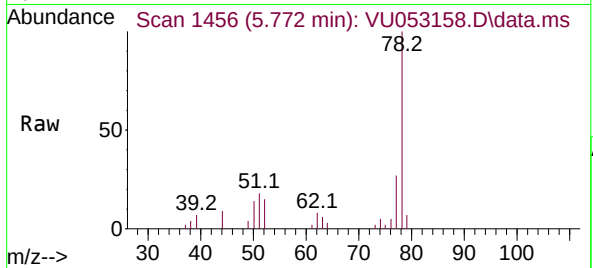




#35
Benzene
Concen: 0.667 ug/l
RT: 5.772 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

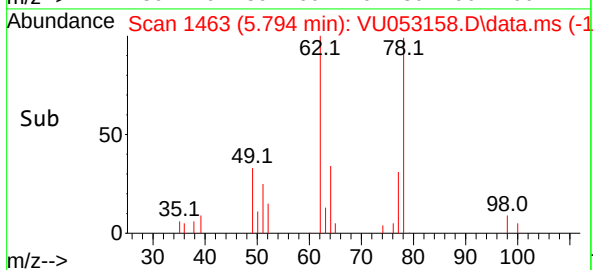
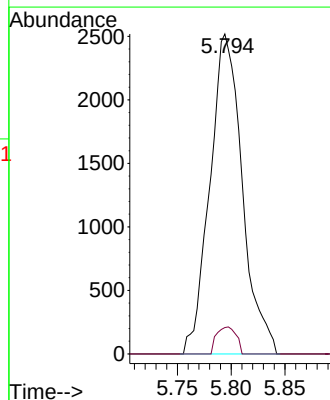
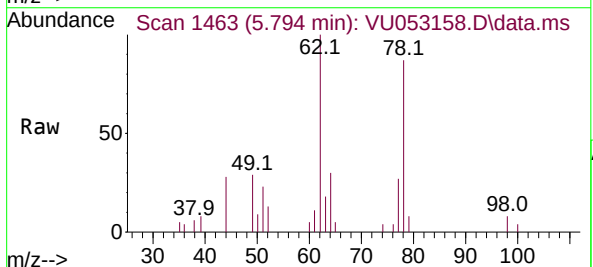
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

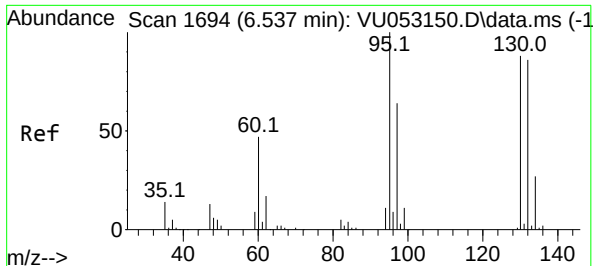
Tgt Ion: 78 Resp: 16927
Ion Ratio Lower Upper
78 100
77 26.6 18.9 28.3



#36
1,2-Dichloroethane
Concen: 0.695 ug/l
RT: 5.794 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 62 Resp: 5274
Ion Ratio Lower Upper
62 100
98 5.1 7.0 10.4#





#37

Trichloroethene

Concen: 0.682 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

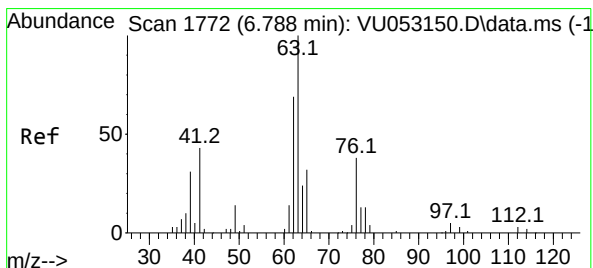
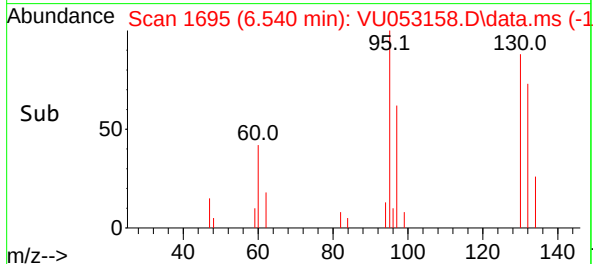
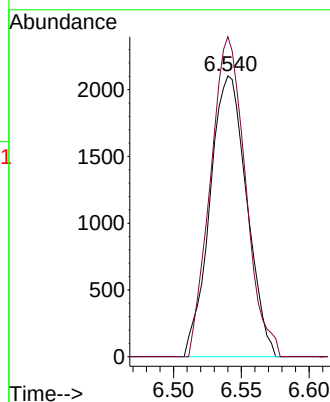
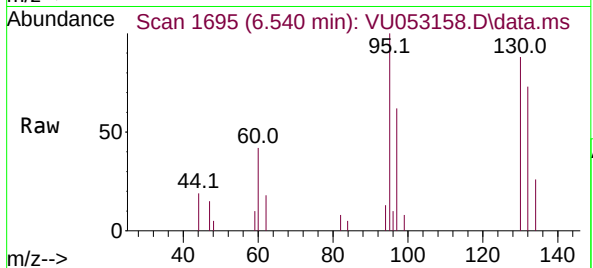
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:130 Resp: 3972

Ion Ratio Lower Upper

130 100

95 114.0 91.1 136.7



#38

1,2-Dichloropropane

Concen: 0.684 ug/l

RT: 6.791 min Scan# 1773

Delta R.T. 0.003 min

Lab File: VU053158.D

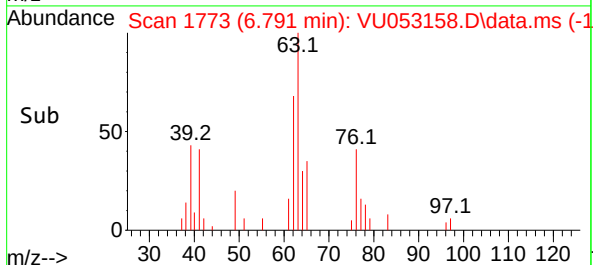
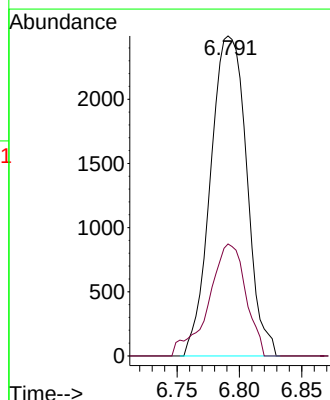
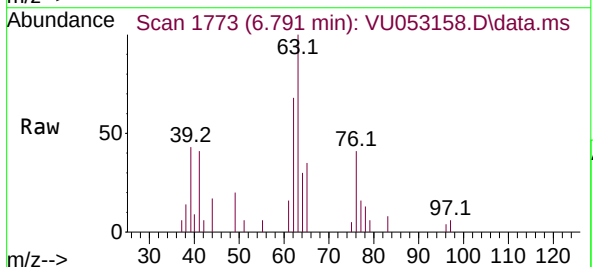
Acq: 27 Feb 2023 18:21

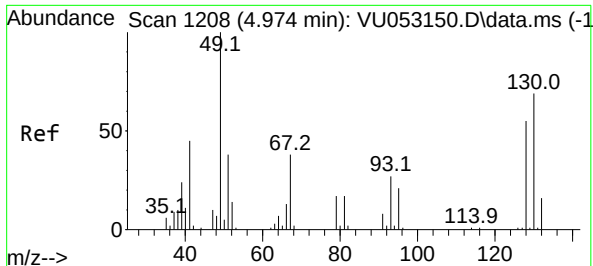
Tgt Ion: 63 Resp: 5024

Ion Ratio Lower Upper

63 100

65 35.0 25.5 38.3





#39

Methacrylonitrile

Concen: 0.613 ug/l

RT: 4.981 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053158.D

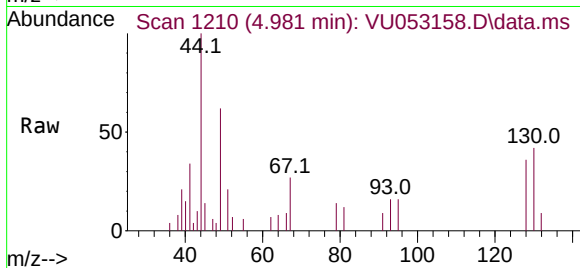
Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 1474

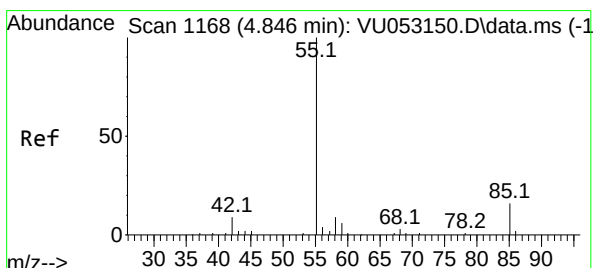
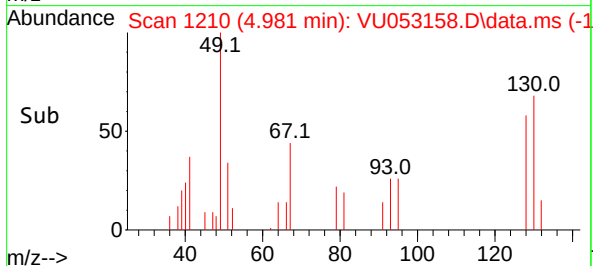
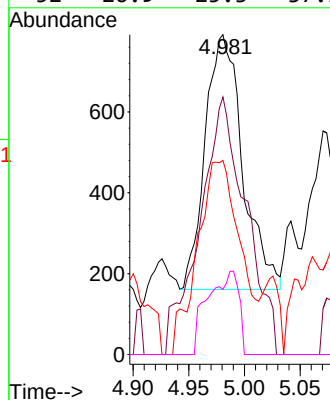
Ion Ratio Lower Upper

41 100

67 124.7 67.1 100.7#

39 87.5 42.6 64.0#

52 26.9 25.3 37.9



#40

Methyl acrylate

Concen: 0.738 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 55 Resp: 2746

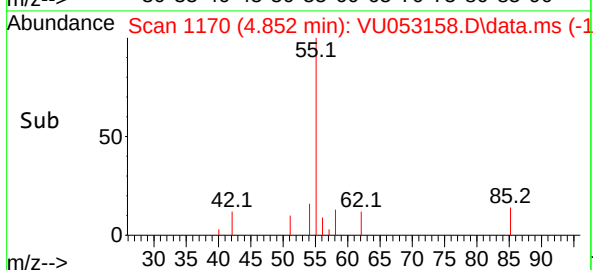
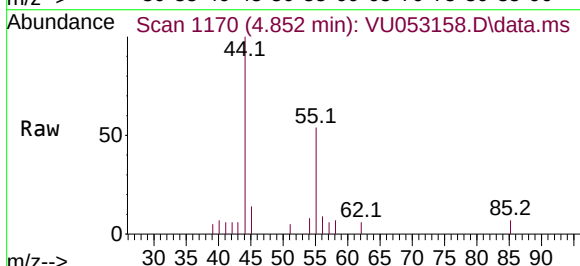
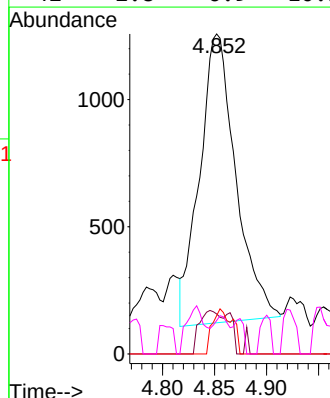
Ion Ratio Lower Upper

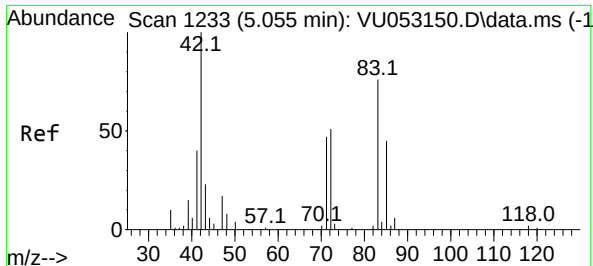
55 100

85 9.3 13.5 20.3#

58 8.6 7.3 10.9

42 2.8 6.9 10.3#





#41

Tetrahydrofuran

Concen: 1.475 ug/l

RT: 5.071 min Scan# 1238

Delta R.T. 0.016 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

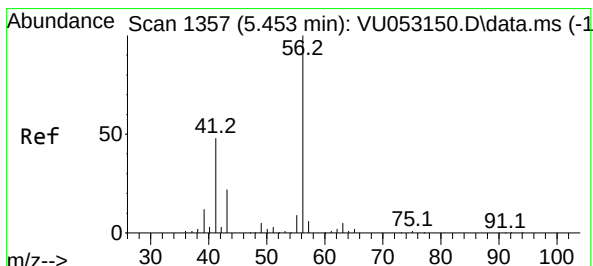
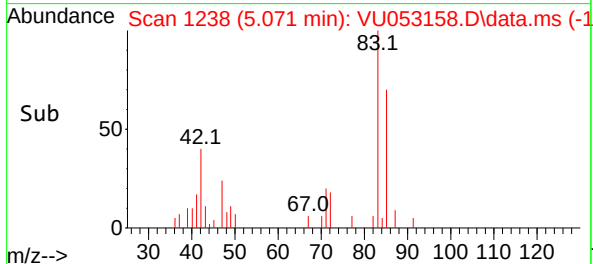
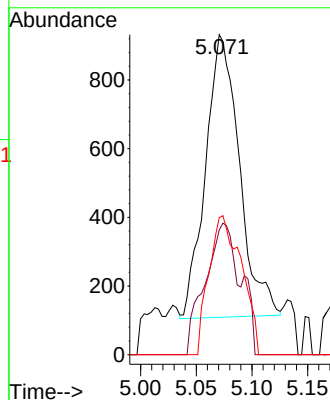
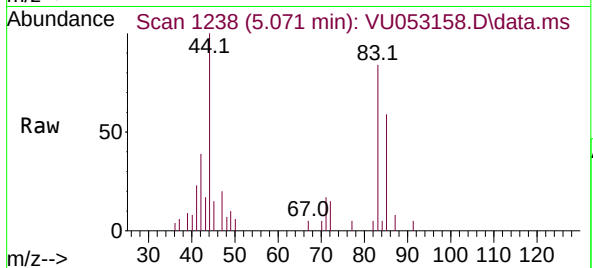
Tgt Ion: 42 Resp: 1740

Ion Ratio Lower Upper

42 100

72 42.0 41.6 62.4

71 47.2 37.9 56.9



#42

1-Chlorobutane

Concen: 0.690 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU053158.D

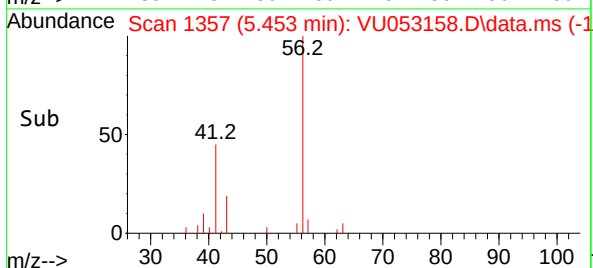
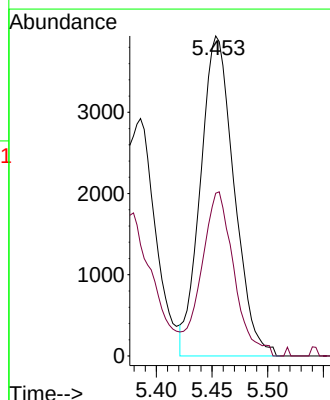
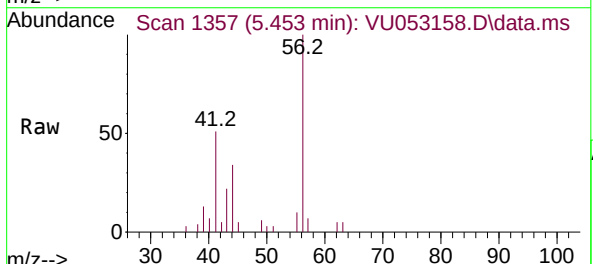
Acq: 27 Feb 2023 18:21

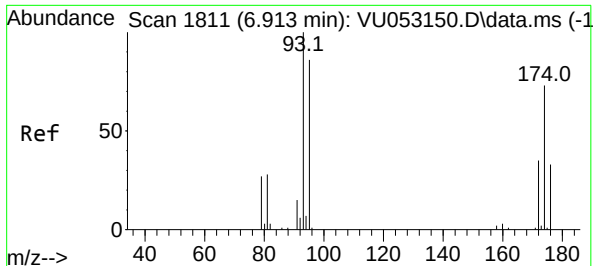
Tgt Ion: 56 Resp: 8272

Ion Ratio Lower Upper

56 100

41 49.6 23.7 71.1





#43

Dibromomethane

Concen: 0.668 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

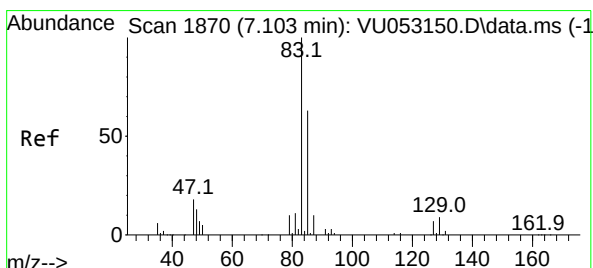
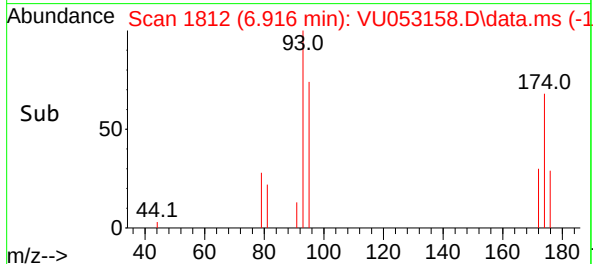
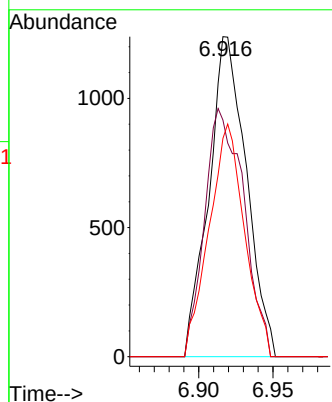
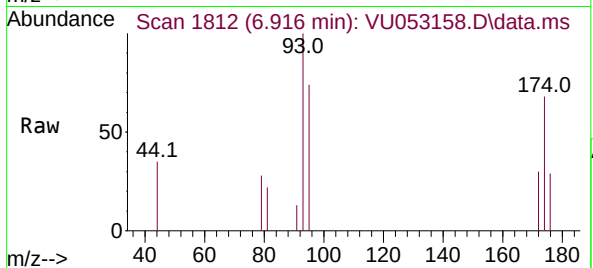
Tgt Ion: 93 Resp: 2176

Ion Ratio Lower Upper

93 100

95 80.9 66.5 99.7

174 69.0 58.2 87.4



#44

Bromodichloromethane

Concen: 0.633 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

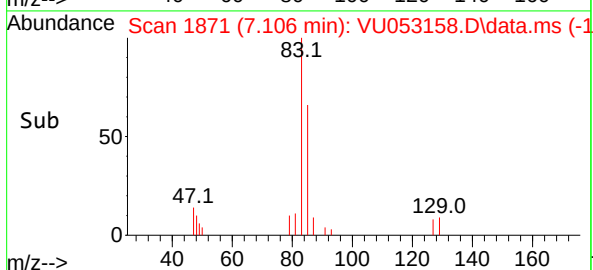
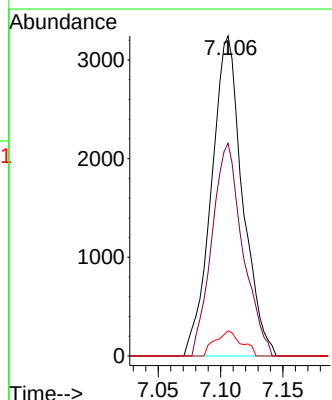
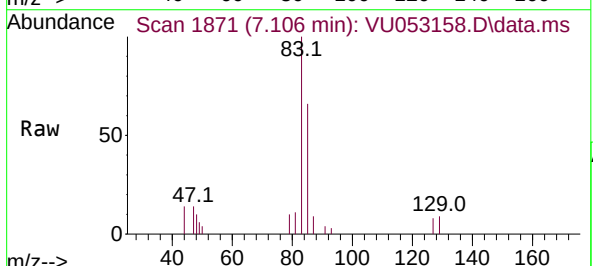
Tgt Ion: 83 Resp: 5640

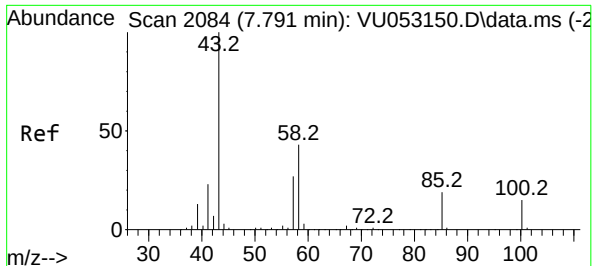
Ion Ratio Lower Upper

83 100

85 66.5 50.6 75.8

127 7.9 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 3.536 ug/l

RT: 7.797 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

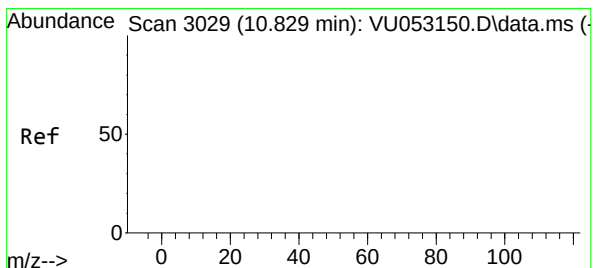
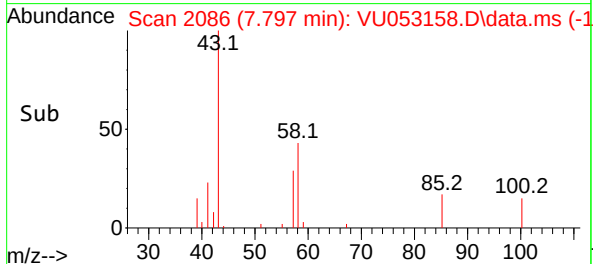
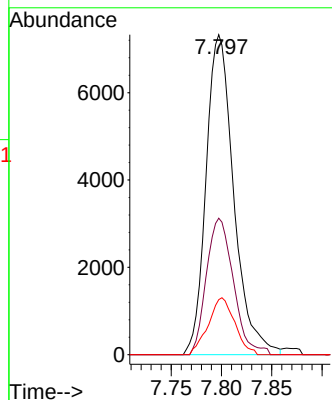
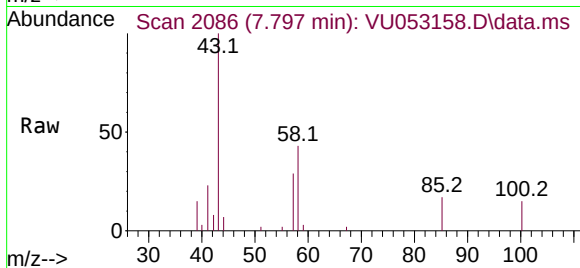
Tgt Ion: 43 Resp: 14055

Ion Ratio Lower Upper

43 100

58 41.5 22.0 66.0

85 17.0 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 2.700 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 75 Resp: 5408

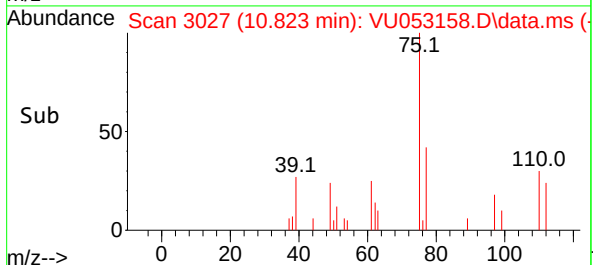
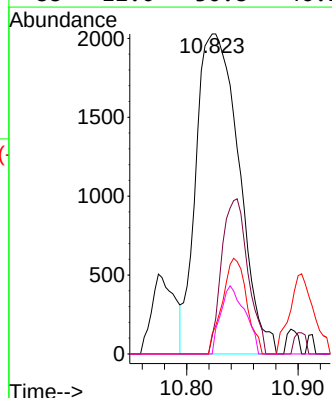
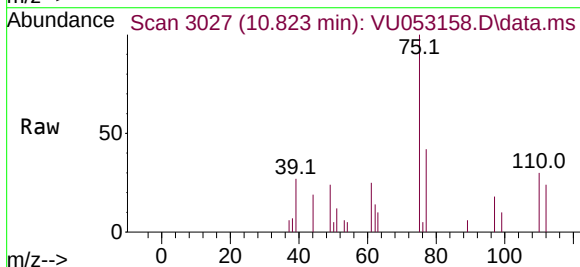
Ion Ratio Lower Upper

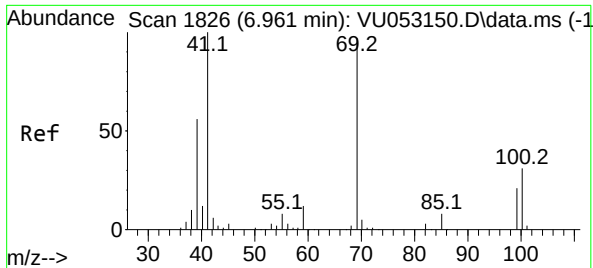
75 100

53 29.8 57.0 85.4#

89 17.1 43.1 64.7#

88 12.0 30.8 46.2#





#47

Methyl methacrylate

Concen: 1.348 ug/l

RT: 6.964 min Scan# 1826

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 69 Resp: 4515

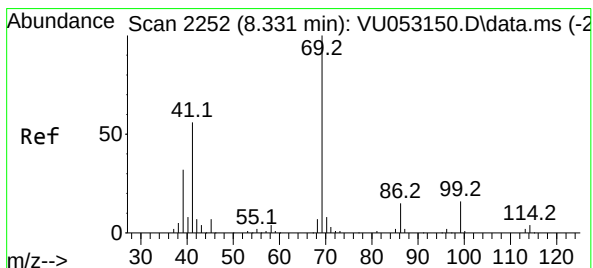
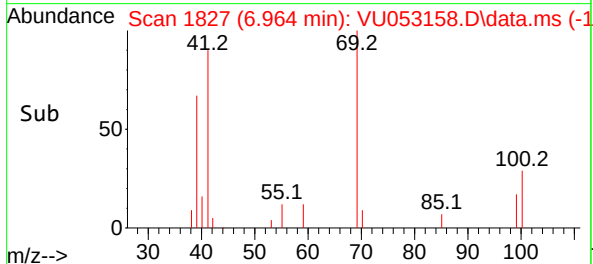
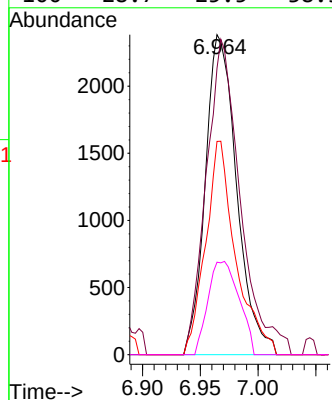
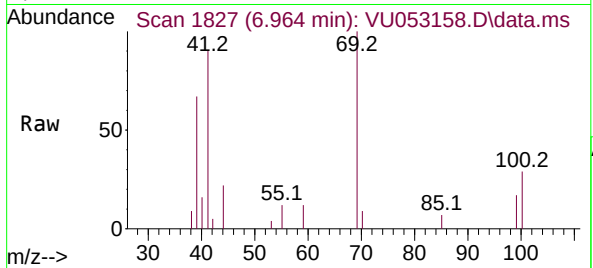
Ion Ratio Lower Upper

69 100

41 106.9 0.0 201.0

39 64.1 47.1 70.7

100 28.7 25.5 38.3



#48

Ethyl methacrylate

Concen: 0.659 ug/l

RT: 8.337 min Scan# 2254

Delta R.T. 0.006 min

Lab File: VU053158.D

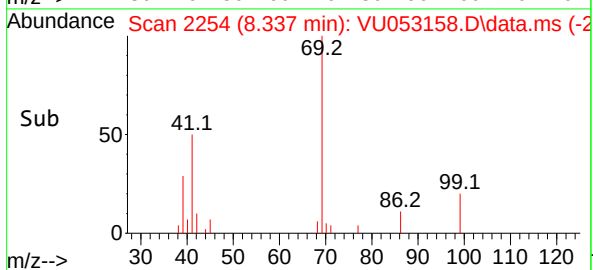
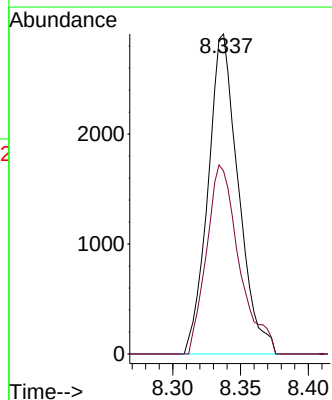
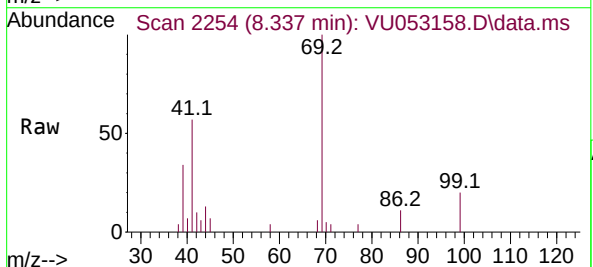
Acq: 27 Feb 2023 18:21

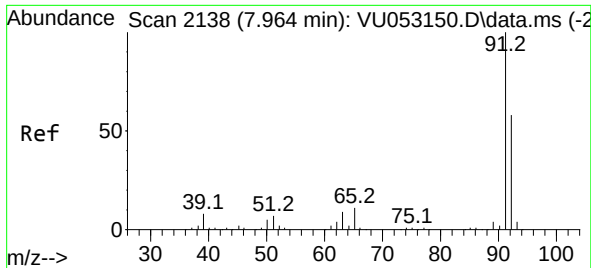
Tgt Ion: 69 Resp: 4529

Ion Ratio Lower Upper

69 100

41 63.6 28.2 84.6





#49

Toluene

Concen: 0.669 ug/l

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

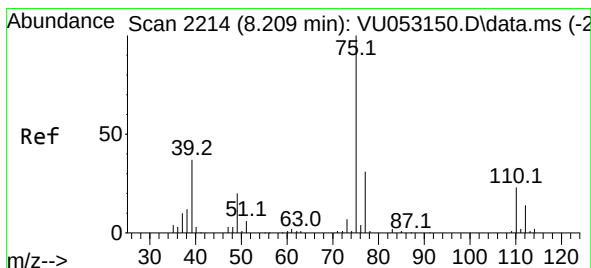
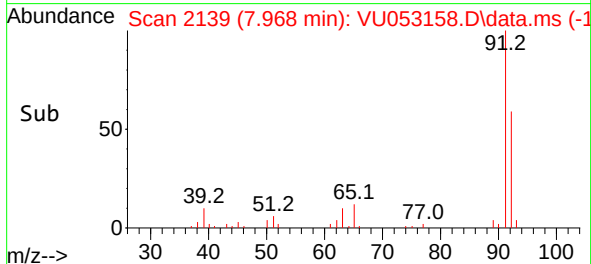
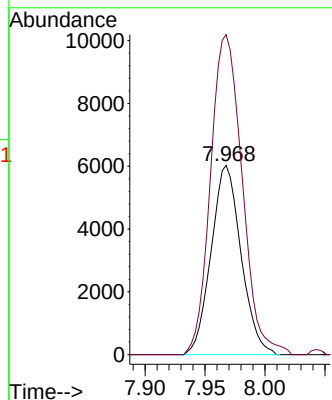
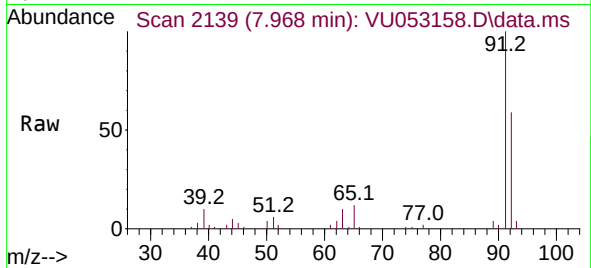
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 92 Resp: 10465

Ion Ratio Lower Upper

92 100

91 178.6 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.652 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053158.D

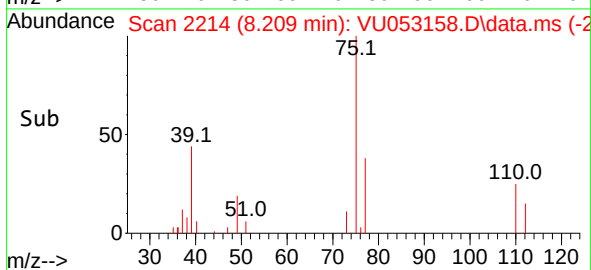
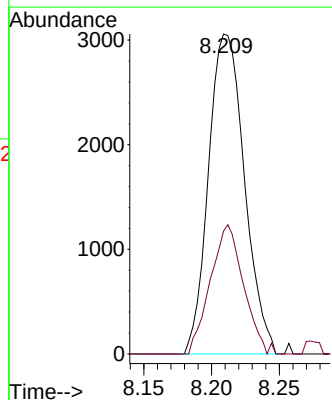
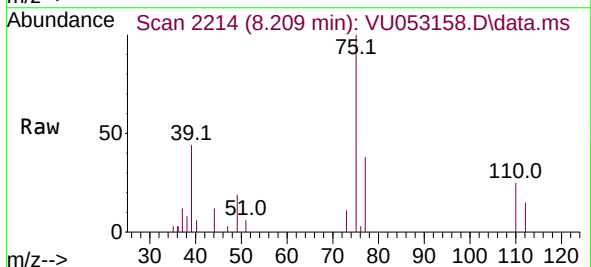
Acq: 27 Feb 2023 18:21

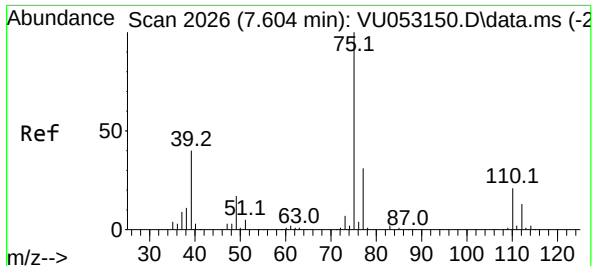
Tgt Ion: 75 Resp: 5644

Ion Ratio Lower Upper

75 100

77 38.4 25.1 37.7#





#51

cis-1,3-Dichloropropene

Concen: 0.634 ug/l

RT: 7.608 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

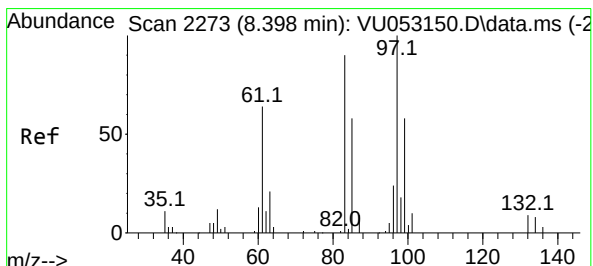
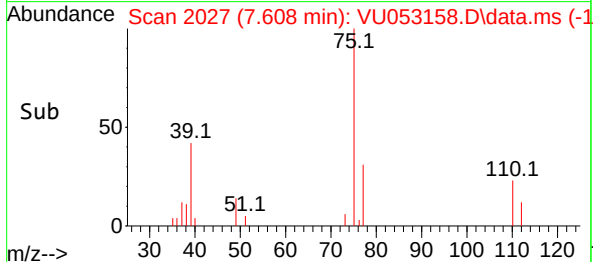
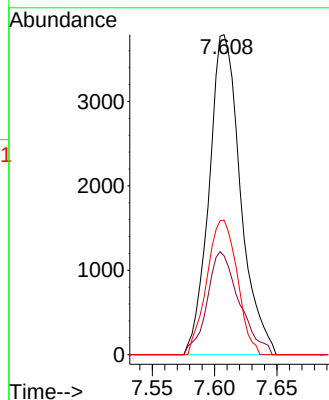
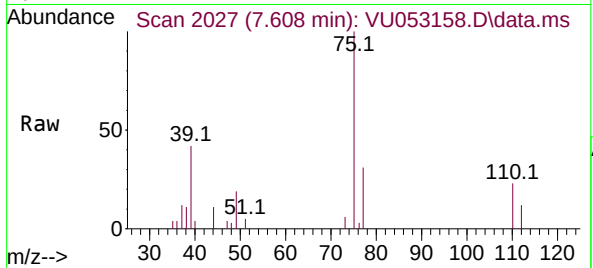
Tgt Ion: 75 Resp: 6651

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 42.1 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 0.729 ug/l

RT: 8.398 min Scan# 2273

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 97 Resp: 3488

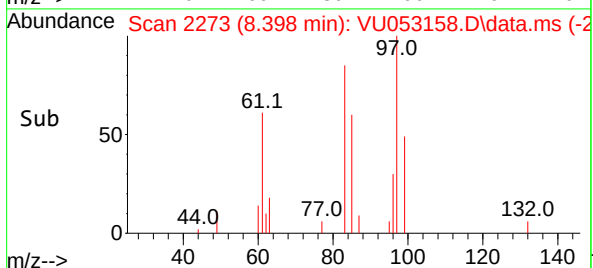
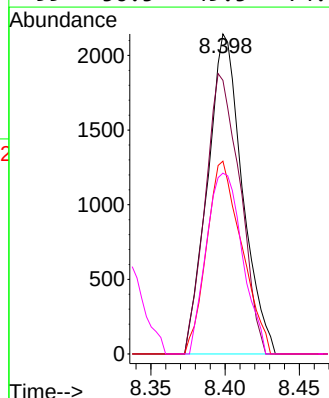
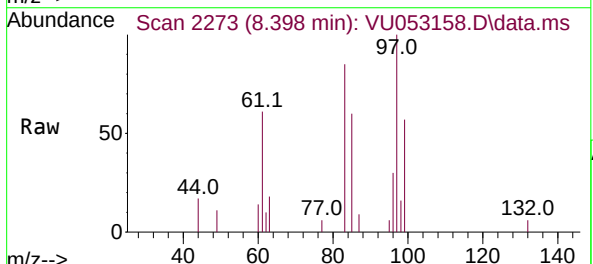
Ion Ratio Lower Upper

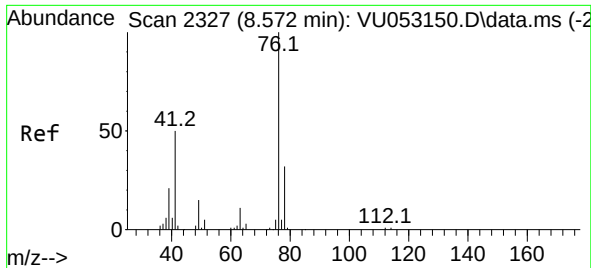
97 100

83 85.5 71.9 107.9

85 60.3 46.5 69.7

99 56.5 49.5 74.3

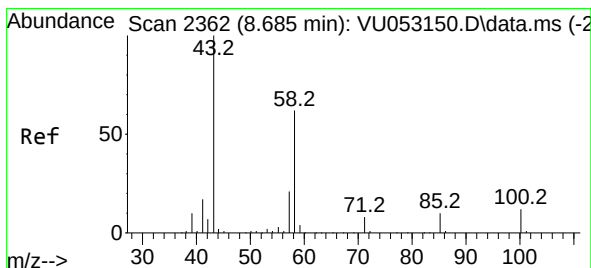
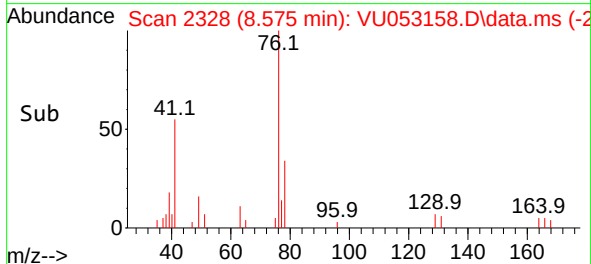
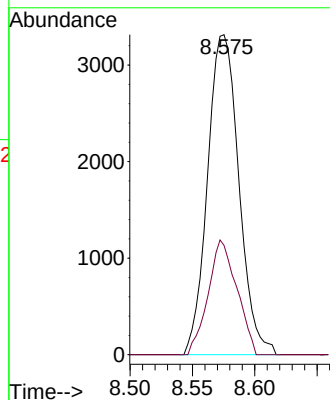
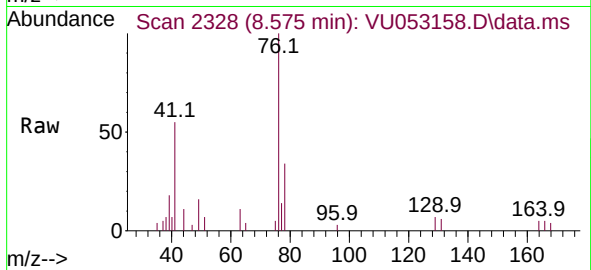




#53
1,3-Dichloropropane
Concen: 0.678 ug/l
RT: 8.575 min Scan# 2327
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

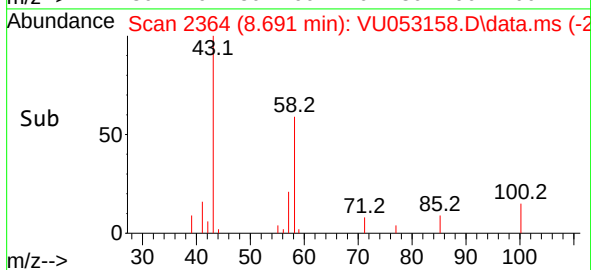
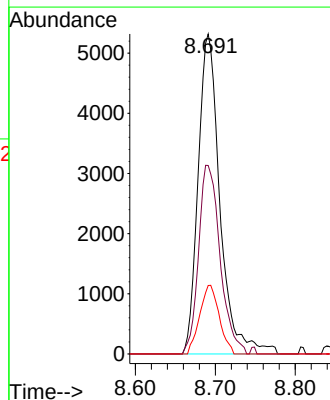
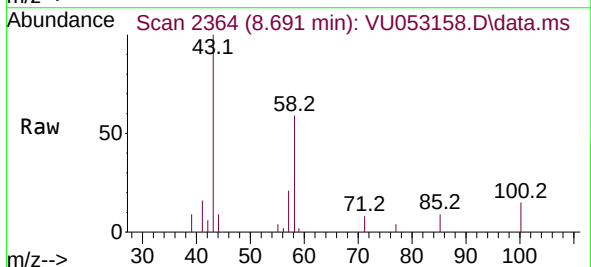
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

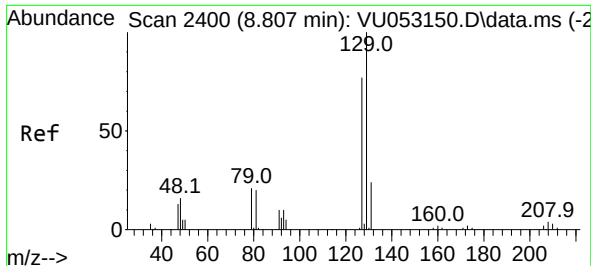
Tgt Ion: 76 Resp: 5810
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#54
2-Hexanone
Concen: 2.988 ug/l
RT: 8.691 min Scan# 2364
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 43 Resp: 10117
Ion Ratio Lower Upper
43 100
58 58.1 42.0 82.0
57 19.1 1.2 41.2

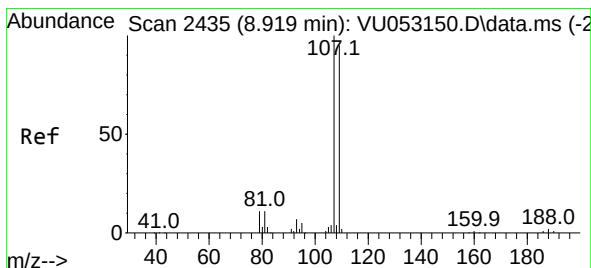
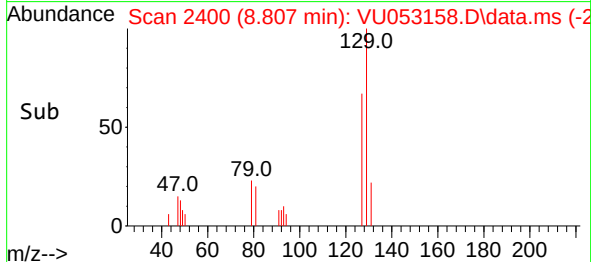
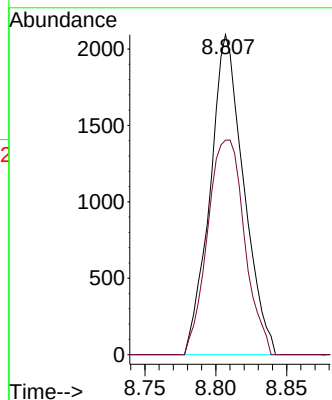
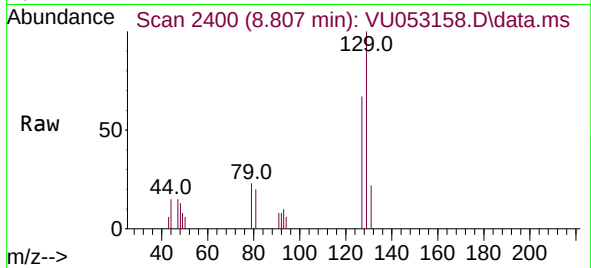




#55
Dibromochloromethane
Concen: 0.631 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

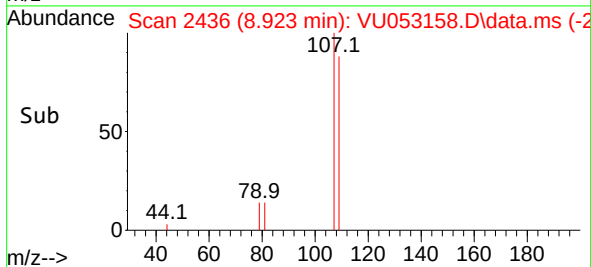
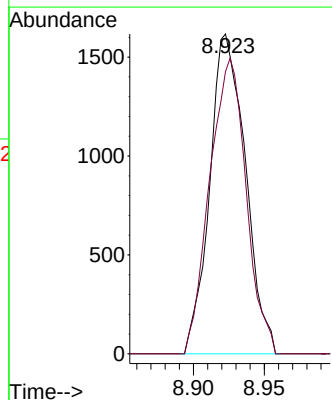
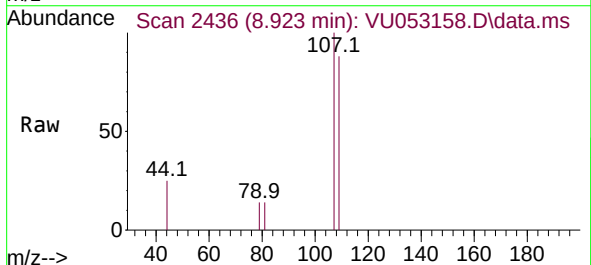
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

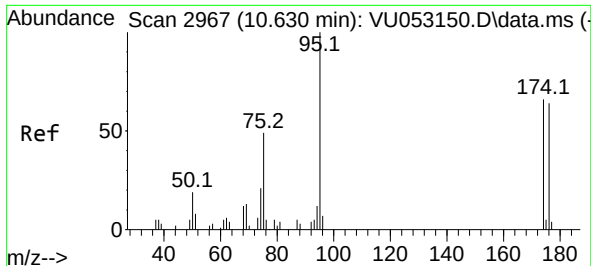
Tgt Ion:129 Resp: 3444
Ion Ratio Lower Upper
129 100
127 74.1 61.1 91.7



#56
1,2-Dibromoethane
Concen: 0.667 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:107 Resp: 2835
Ion Ratio Lower Upper
107 100
109 94.2 0.0 186.2





#57

4-Bromofluorobenzene

Concen: 0.957 ug/l

RT: 10.630 min Scan# 2967

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

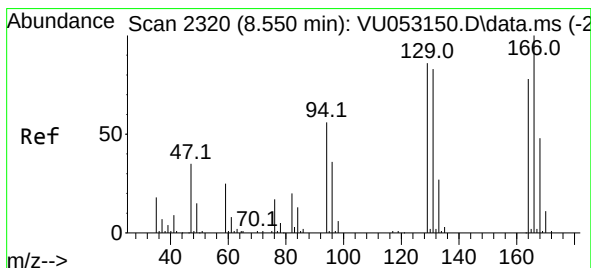
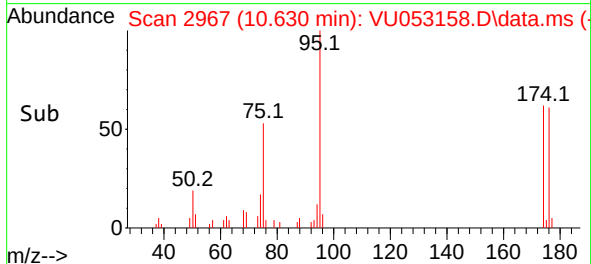
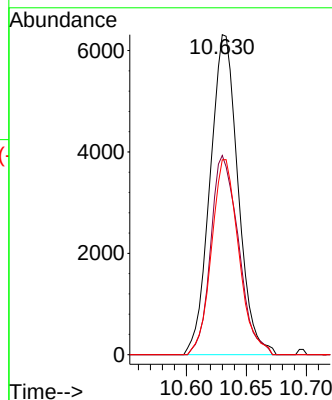
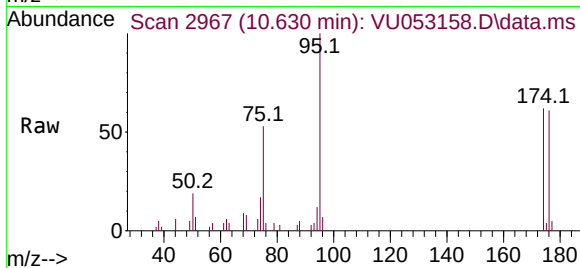
Tgt Ion: 95 Resp: 10233

Ion Ratio Lower Upper

95 100

174 61.9 50.7 76.1

176 59.4 47.8 71.6



#58

Tetrachloroethene

Concen: 0.653 ug/l

RT: 8.550 min Scan# 2320

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 164 Resp: 3033

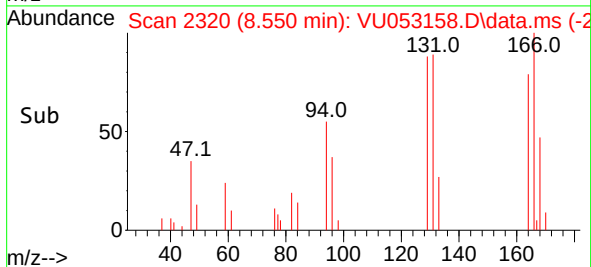
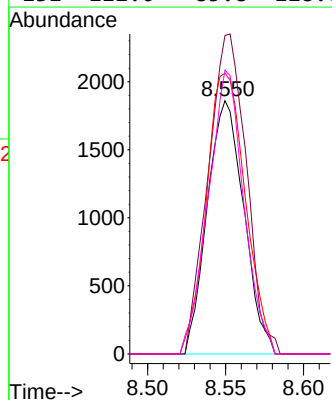
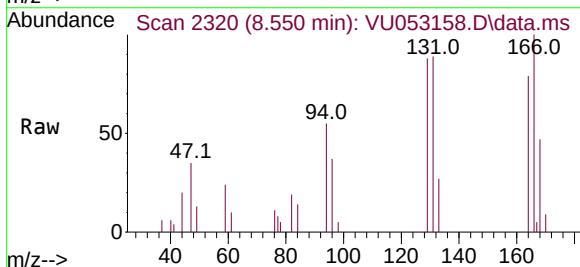
Ion Ratio Lower Upper

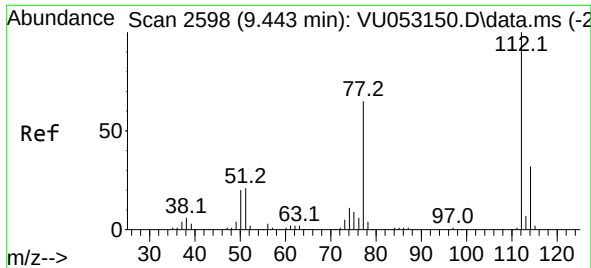
164 100

166 125.8 103.2 154.8

129 110.8 88.8 133.2

131 112.0 85.8 128.6





#59

Chlorobenzene

Concen: 0.649 ug/l

RT: 9.447 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

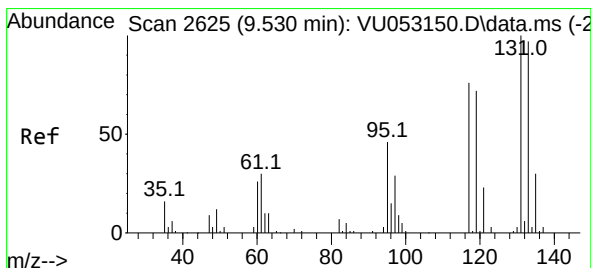
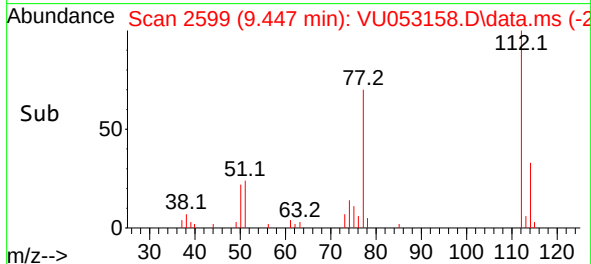
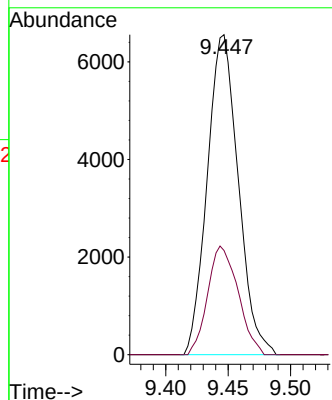
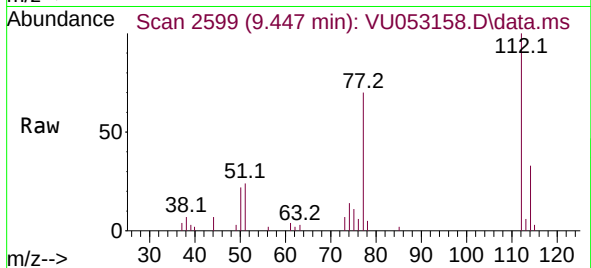
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 11358

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.631 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

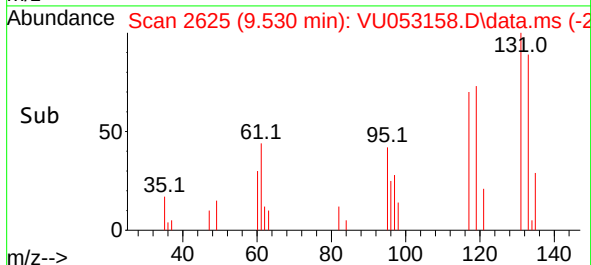
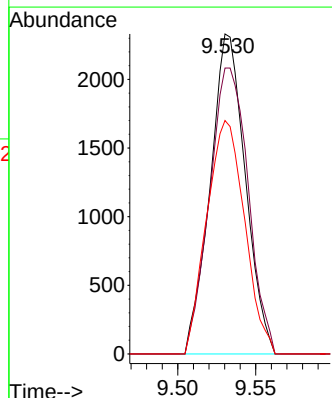
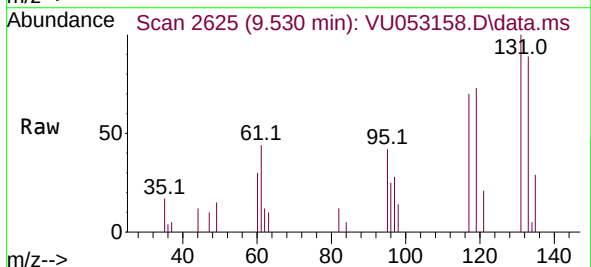
Tgt Ion:131 Resp: 3648

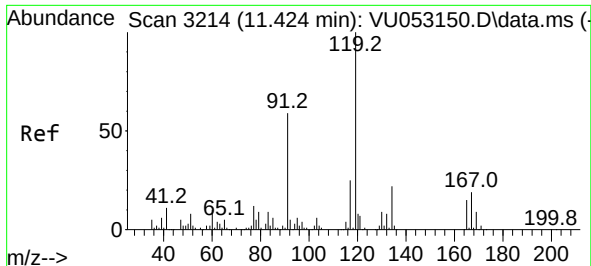
Ion Ratio Lower Upper

131 100

133 98.2 76.7 115.1

119 78.7 57.6 86.4

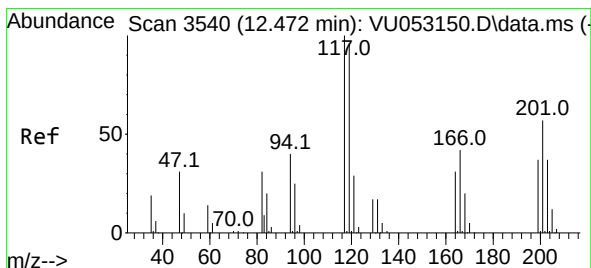
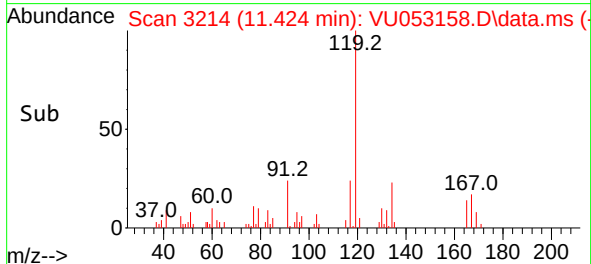
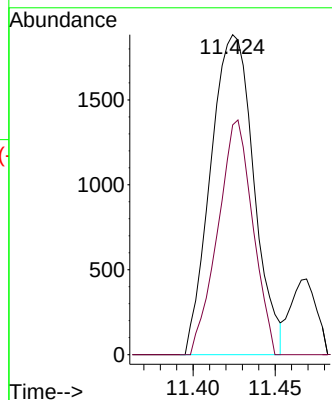
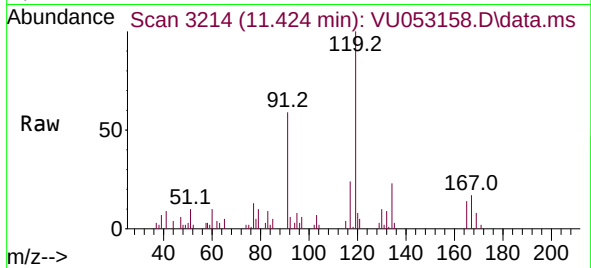




#61
 Pentachloroethane
 Concen: 0.686 ug/l
 RT: 11.424 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

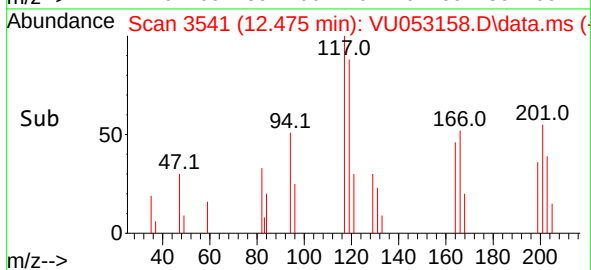
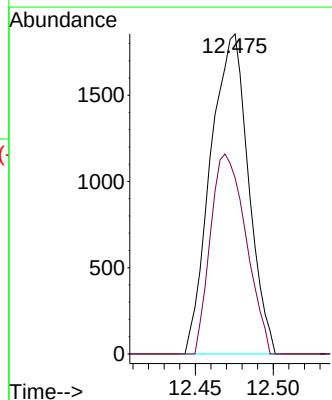
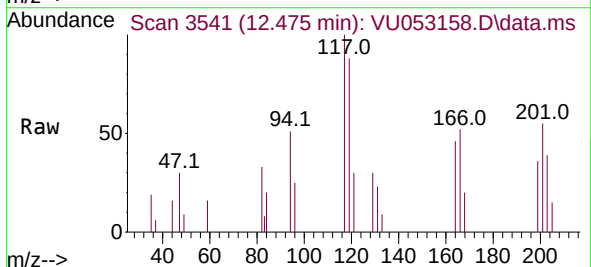
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

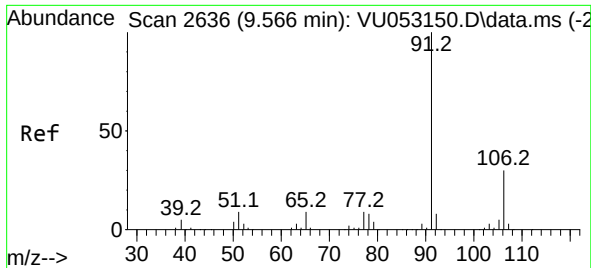
Tgt Ion:117 Resp: 3444
 Ion Ratio Lower Upper
 117 100
 167 59.3 57.5 86.3



#62
 Hexachloroethane
 Concen: 0.565 ug/l
 RT: 12.475 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Tgt Ion:117 Resp: 3129
 Ion Ratio Lower Upper
 117 100
 201 58.5 46.7 70.1

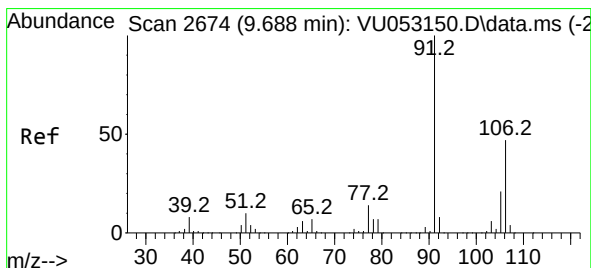
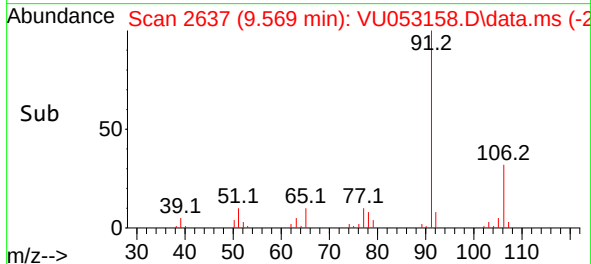
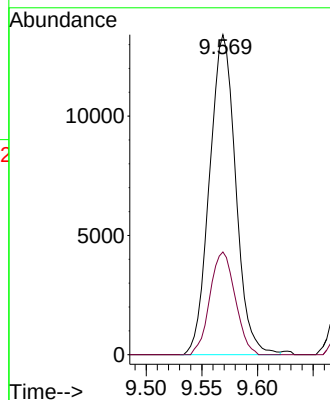
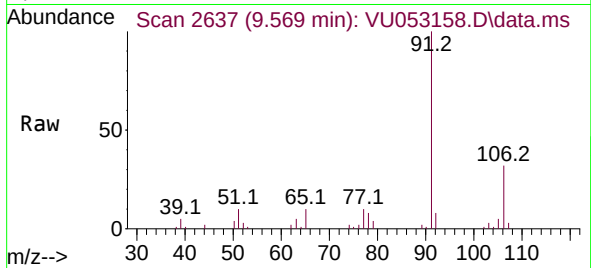




#63
Ethyl Benzene
Concen: 0.678 ug/l
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

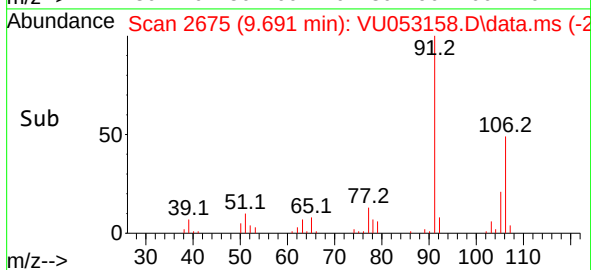
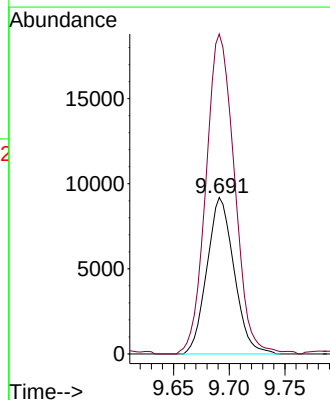
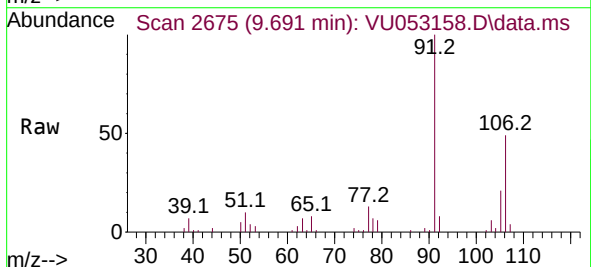
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

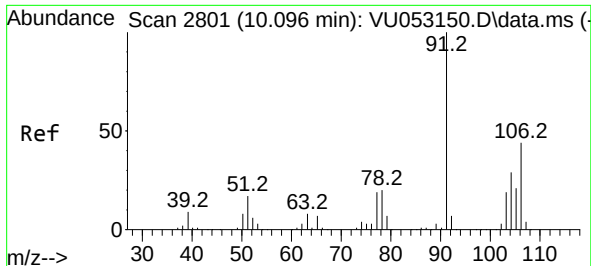
Tgt Ion: 91 Resp: 21892
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0



#64
m/p-Xylenes
Concen: 1.332 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:106 Resp: 15590
Ion Ratio Lower Upper
106 100
91 214.4 170.7 256.1

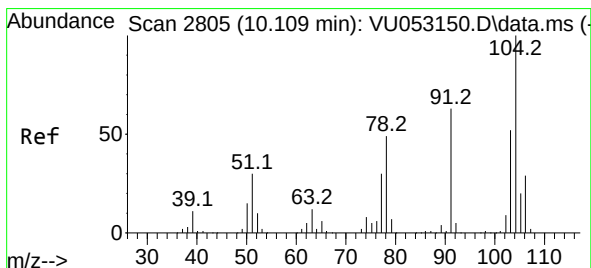
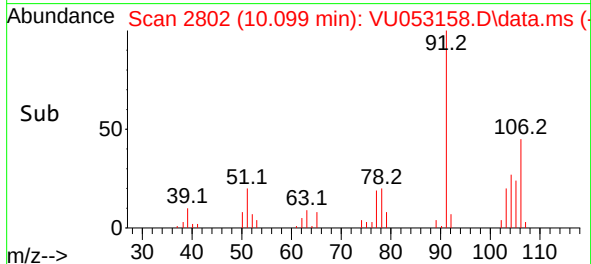
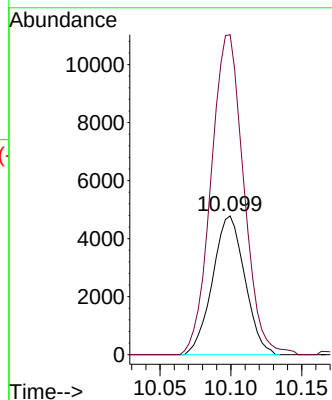
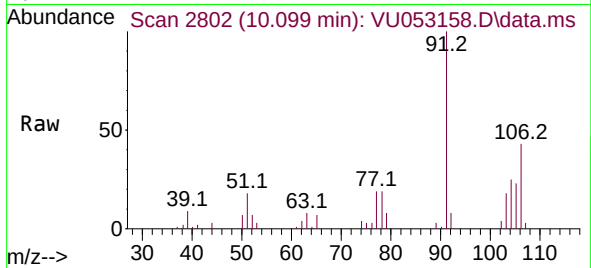




#65
o-Xylene
Concen: 0.634 ug/l
RT: 10.099 min Scan# 2801
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

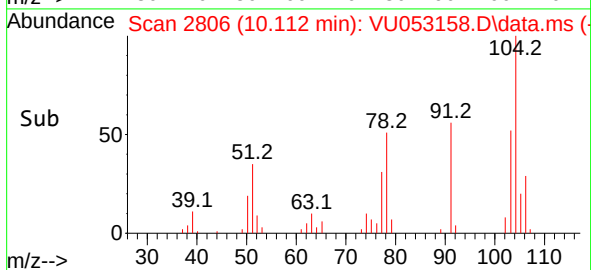
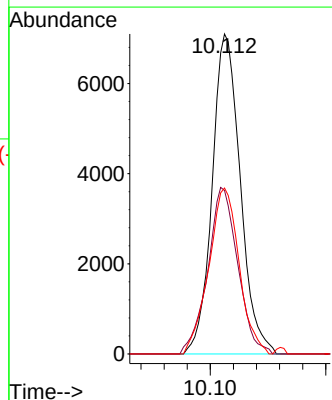
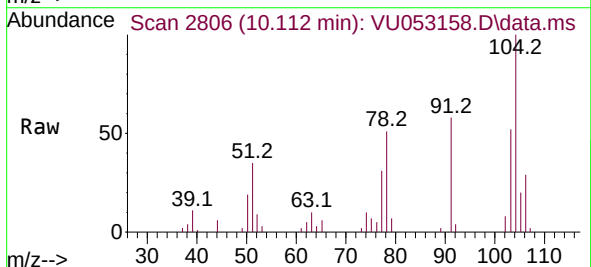
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

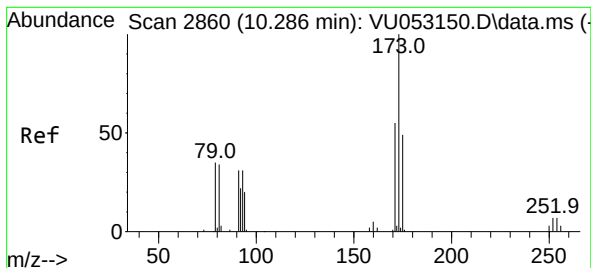
Tgt Ion:106 Resp: 7581
Ion Ratio Lower Upper
106 100
91 233.2 112.8 338.4



#66
Styrene
Concen: 0.633 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:104 Resp: 11994
Ion Ratio Lower Upper
104 100
78 55.5 43.3 64.9
103 56.0 45.2 67.8





#67

Bromoform

Concen: 0.620 ug/l

RT: 10.289 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

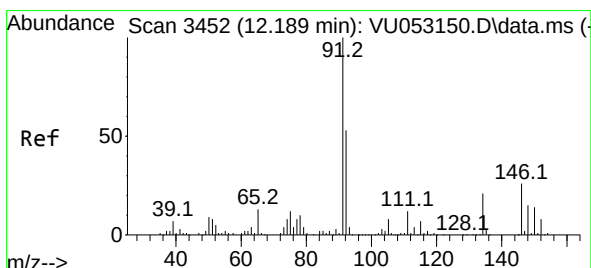
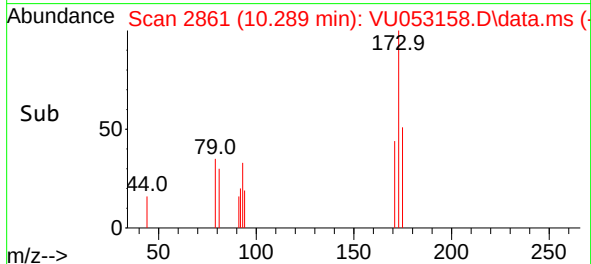
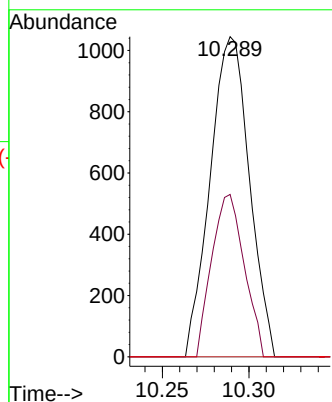
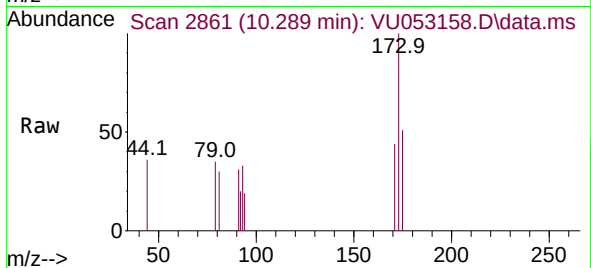
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:173	Resp:	1644
Ion Ratio	Lower	Upper
173	100	
175	42.0	38.7 58.1
254	0.0	5.8 8.8#



#68

1,2-Dichlorobenzene-d4

Concen: 0.967 ug/l

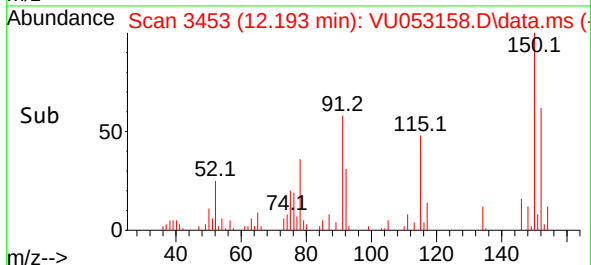
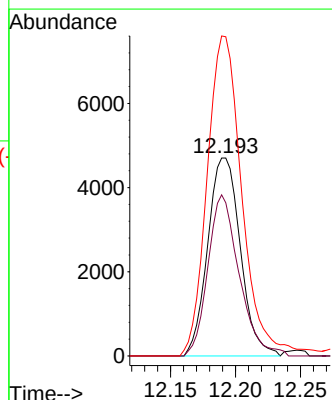
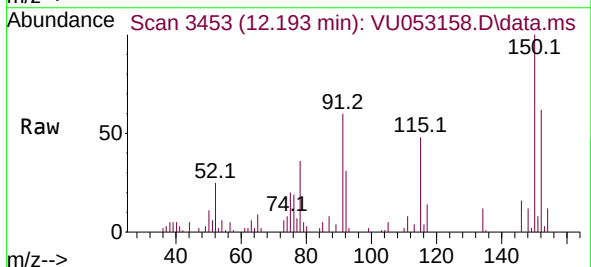
RT: 12.193 min Scan# 3453

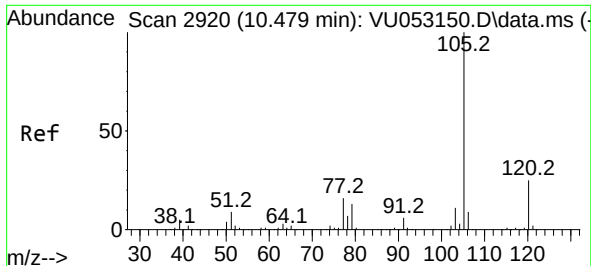
Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion:152	Resp:	8202
Ion Ratio	Lower	Upper
152	100	
115	78.0	0.0 267.8
150	173.7	0.0 623.0





#69

Isopropylbenzene

Concen: 0.641 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

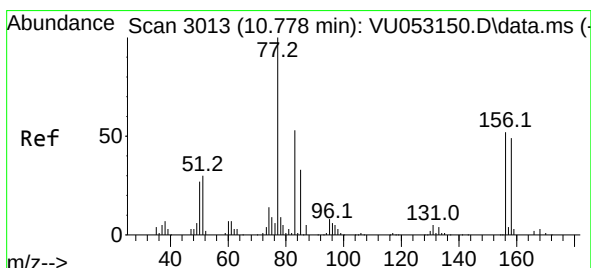
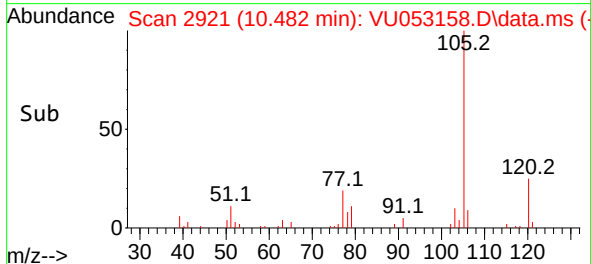
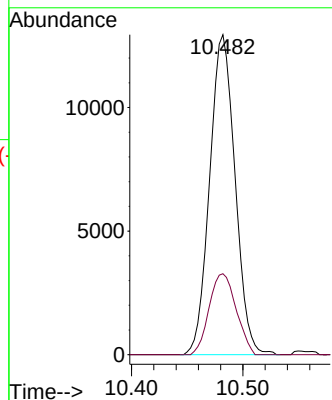
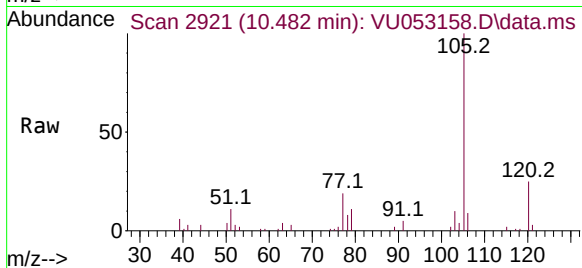
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 20510

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.666 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

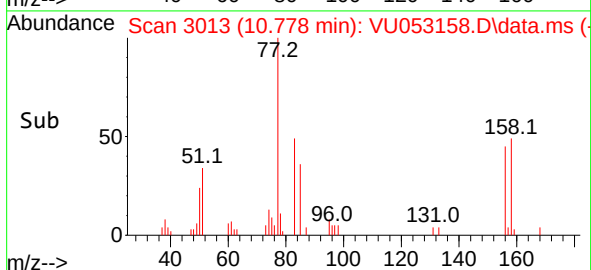
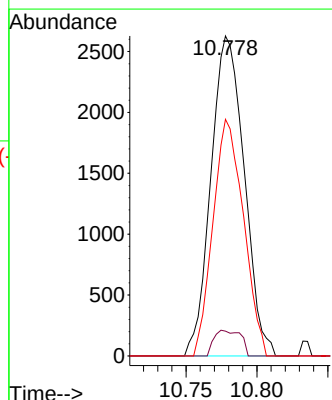
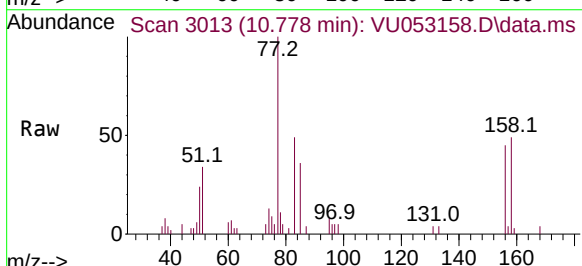
Tgt Ion: 83 Resp: 4294

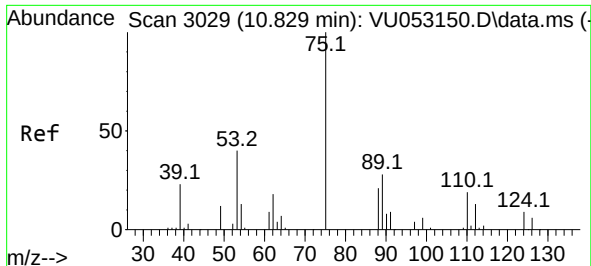
Ion Ratio Lower Upper

83 100

131 6.4 6.6 9.8#

85 67.7 49.3 73.9

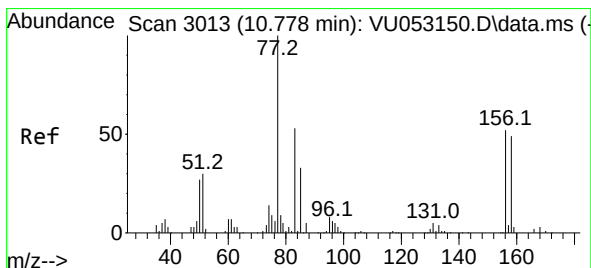
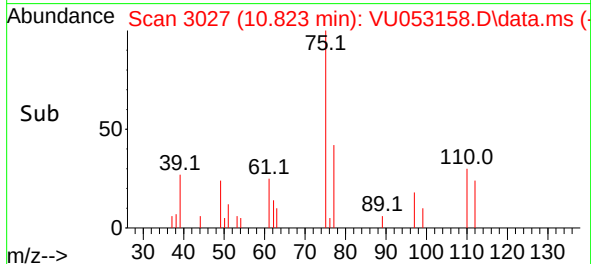
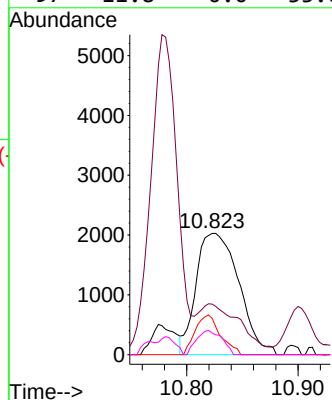
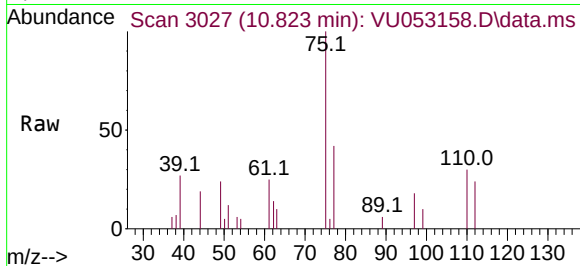




#71
1,2,3-Trichloropropane
Concen: 0.975 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

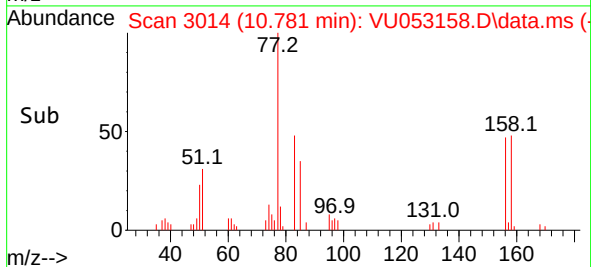
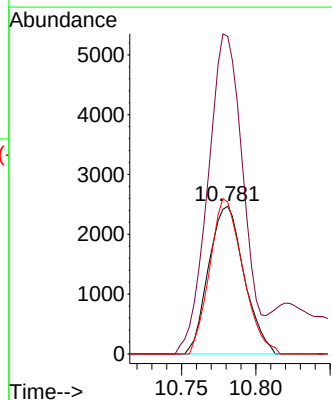
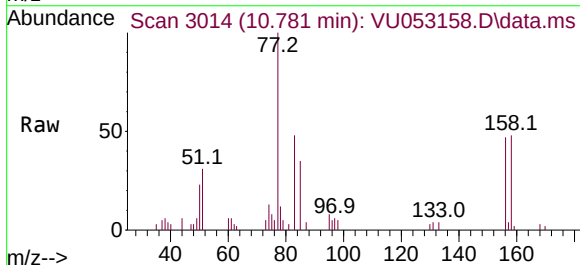
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

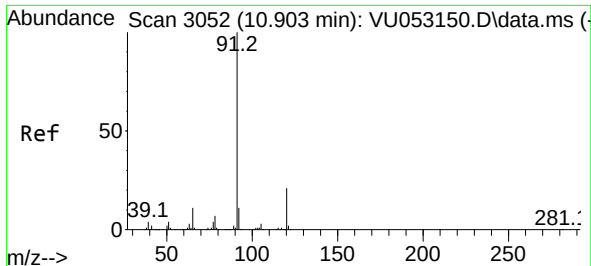
Tgt Ion: 75	Resp: 5408
Ion Ratio	Lower Upper
75 100	
77 25.3	0.0 98.2
110 19.2	0.0 57.0
97 11.8	0.0 33.6



#72
Bromobenzene
Concen: 0.661 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:156	Resp: 4105
Ion Ratio	Lower Upper
156 100	
77 216.8	0.0 397.0
158 98.4	0.0 189.2

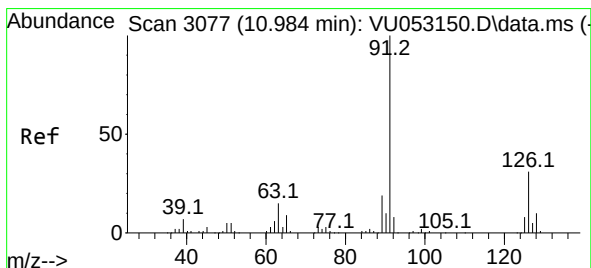
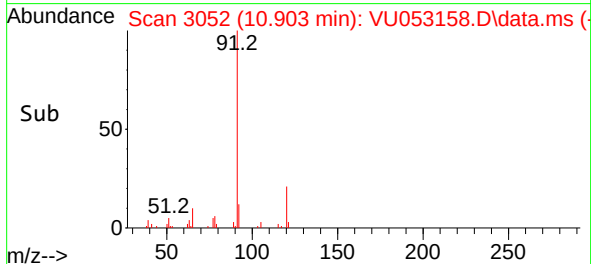
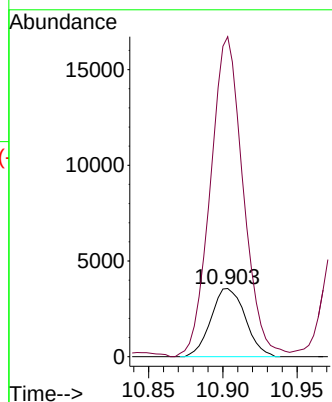
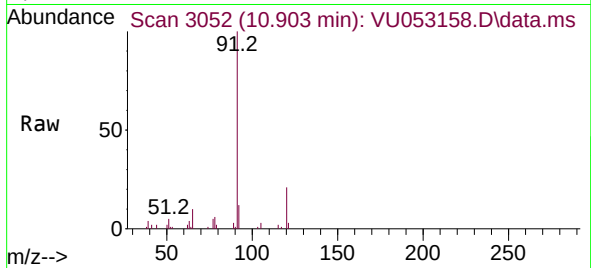




#73
n-propylbenzene
Concen: 0.673 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

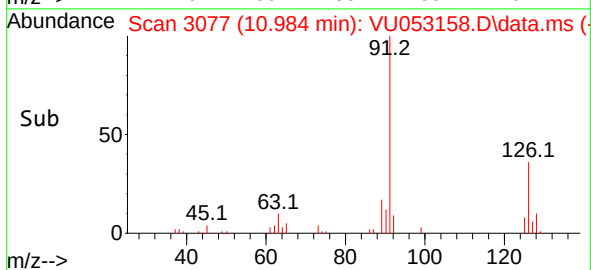
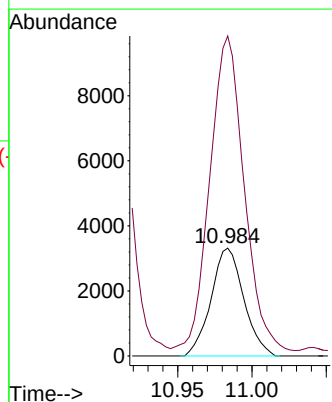
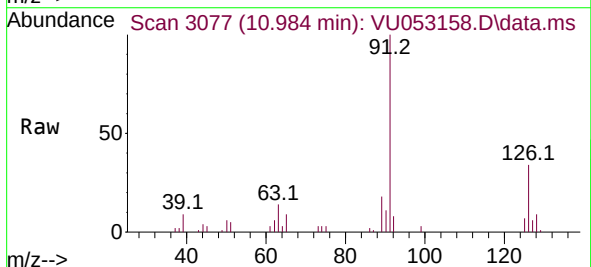
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

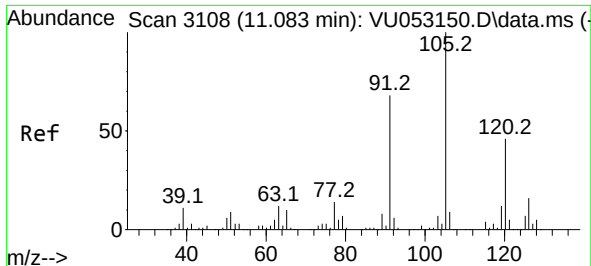
Tgt Ion:120 Resp: 5717
Ion Ratio Lower Upper
120 100
91 449.5 372.5 558.7



#74
2-Chlorotoluene
Concen: 0.722 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:126 Resp: 5076
Ion Ratio Lower Upper
126 100
91 308.0 0.0 658.6

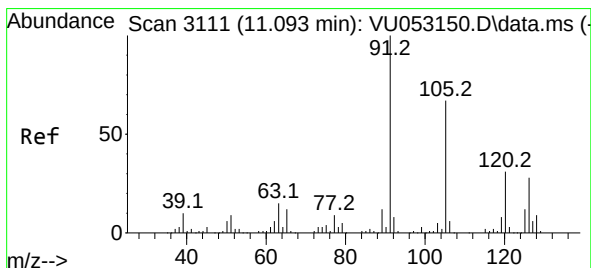
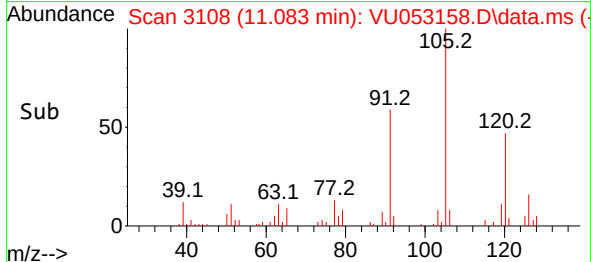
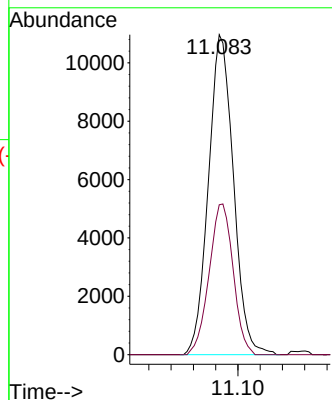
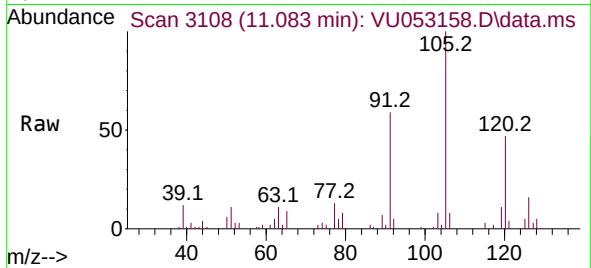




#75
1,3,5-Trimethylbenzene
Concen: 0.642 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

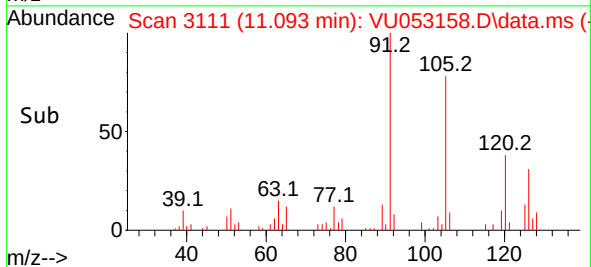
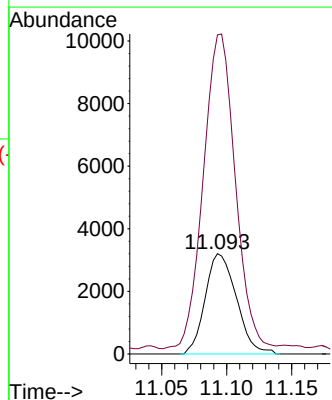
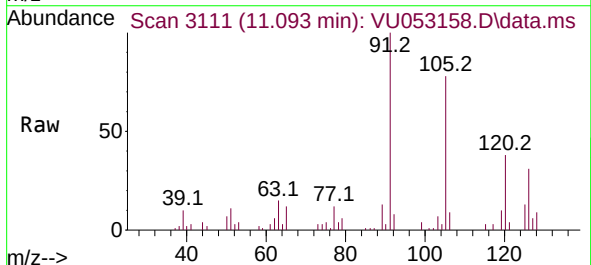
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

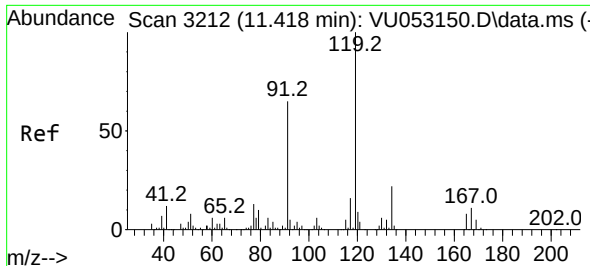
Tgt Ion:105 Resp: 17107
Ion Ratio Lower Upper
105 100
120 45.2 36.5 54.7



#76
4-Chlorotoluene
Concen: 0.723 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:126 Resp: 5348
Ion Ratio Lower Upper
126 100
91 320.7 0.0 760.6

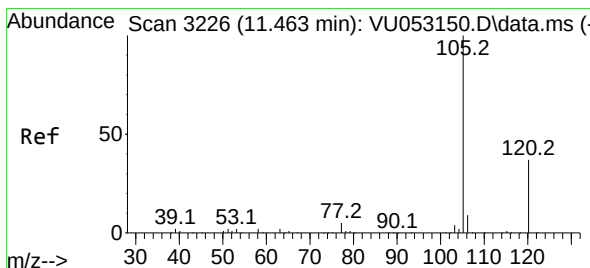
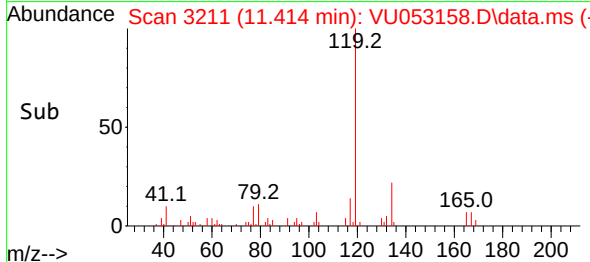
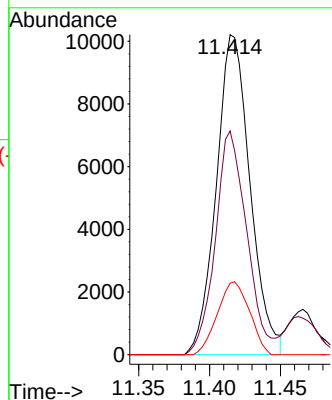
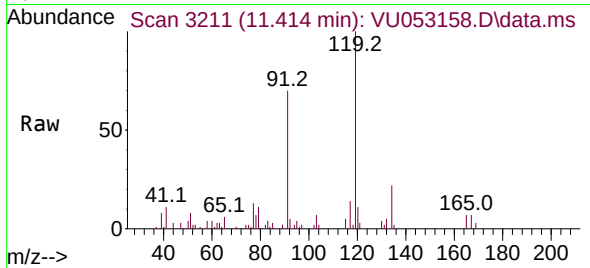




#77
tert-Butylbenzene
Concen: 0.649 ug/l
RT: 11.414 min Scan# 3212
Delta R.T. -0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

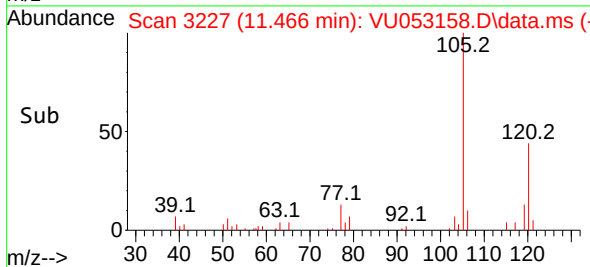
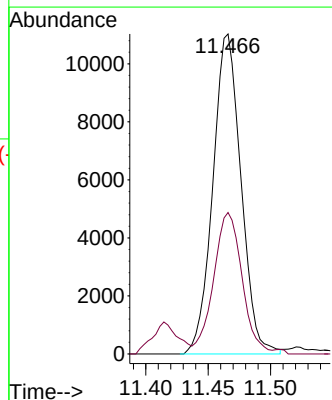
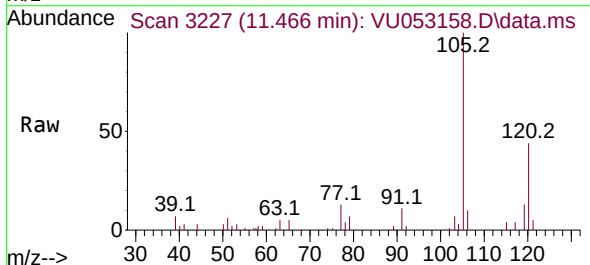
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

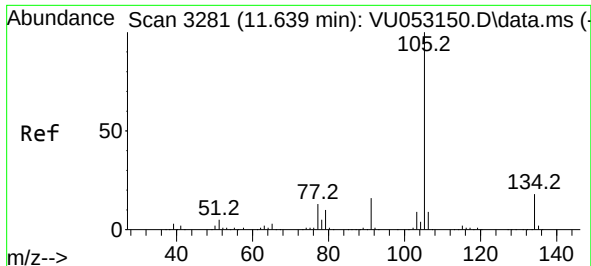
Tgt Ion:	119	Resp:	16949
Ion Ratio	Lower	Upper	
119	100		
91	65.1	31.9	95.7
134	21.6	17.4	26.0



#78
1,2,4-Trimethylbenzene
Concen: 0.638 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:	105	Resp:	17323
Ion Ratio	Lower	Upper	
105	100		
120	42.6	21.1	63.1

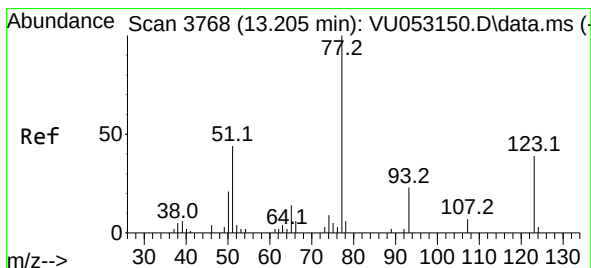
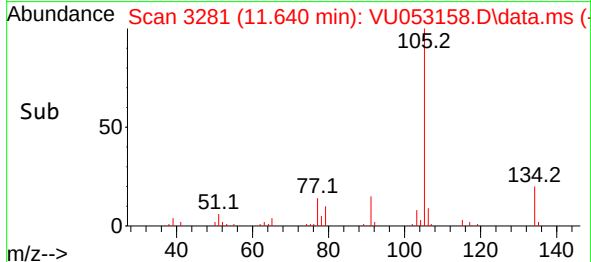
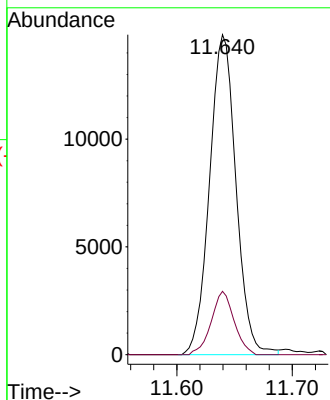
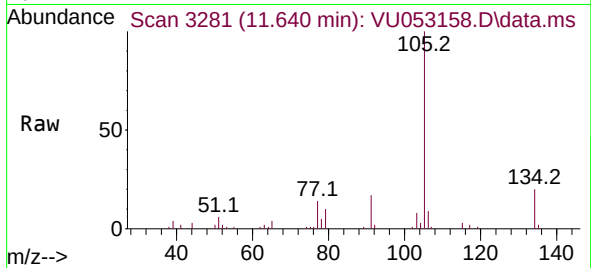




#79
 sec-Butylbenzene
 Concen: 0.651 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

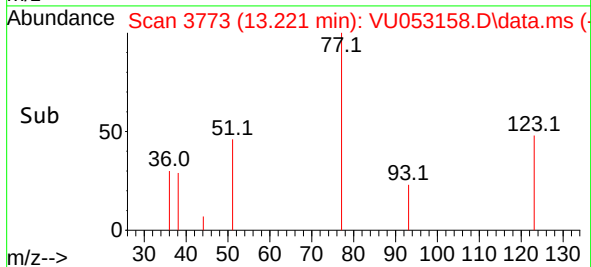
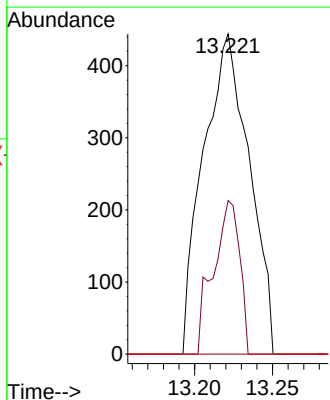
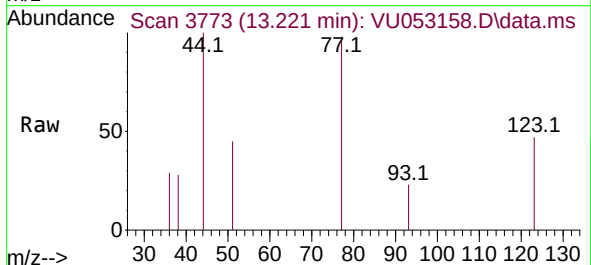
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

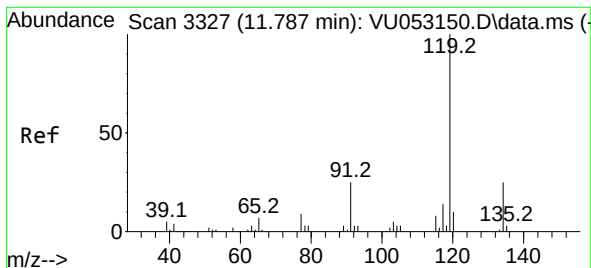
Tgt Ion:105 Resp: 23603
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.4 21.6



#80
 Nitrobenzene
 Concen: 2.699 ug/l
 RT: 13.221 min Scan# 3773
 Delta R.T. 0.016 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Tgt Ion: 77 Resp: 909
 Ion Ratio Lower Upper
 77 100
 123 27.5 17.0 60.2
 65 0.0 12.9 16.5#





#81

p-Isopropyltoluene

Concen: 0.623 ug/l

RT: 11.791 min Scan# 3328

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

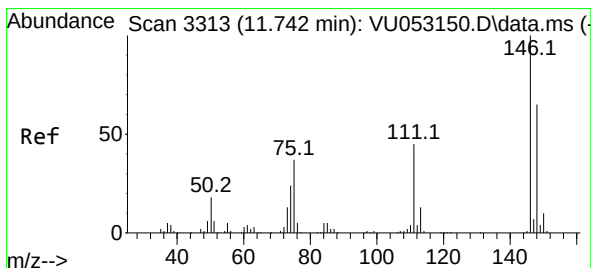
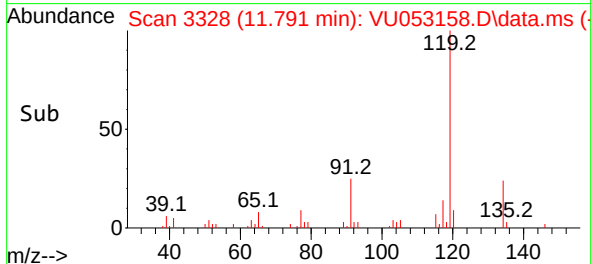
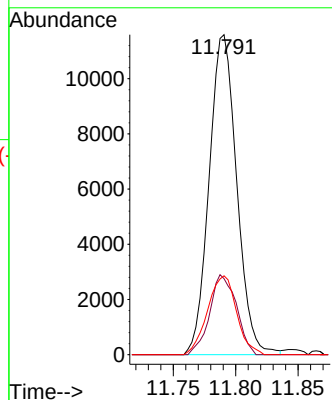
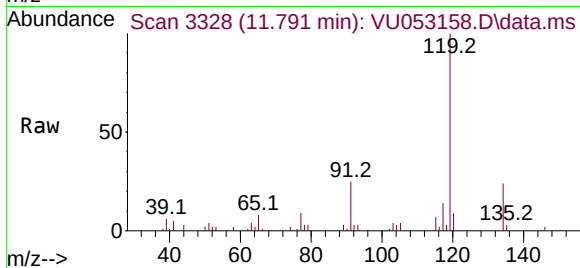
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	119	Resp:	17890
Ion	Ratio	Lower	Upper
119	100		
134	24.2	19.8	29.6
91	25.9	20.5	30.7



#82

1,3-Dichlorobenzene

Concen: 0.650 ug/l

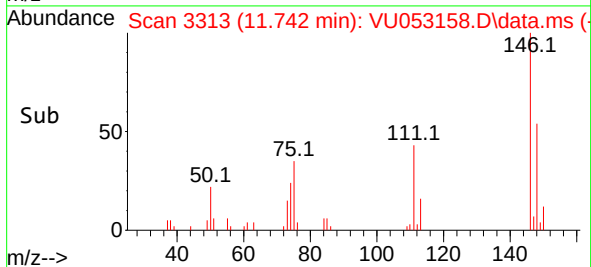
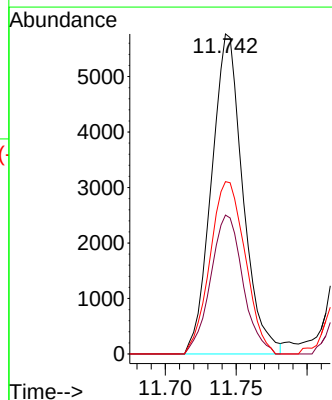
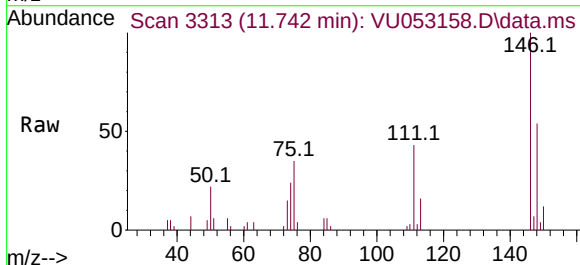
RT: 11.742 min Scan# 3313

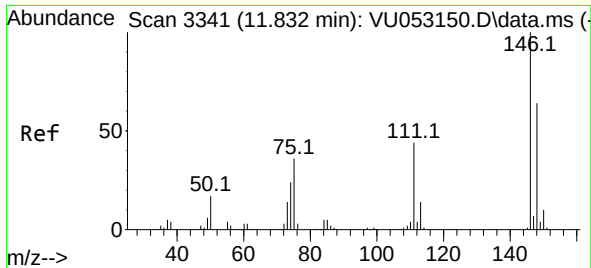
Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion:	146	Resp:	8873
Ion	Ratio	Lower	Upper
146	100		
111	44.6	36.0	54.0
148	60.3	50.8	76.2

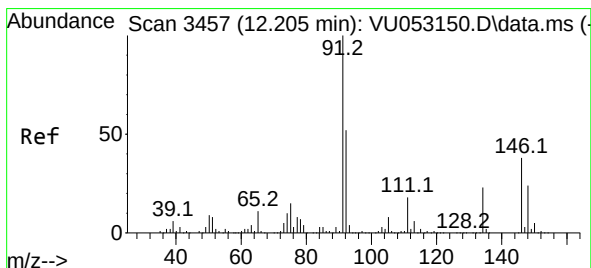
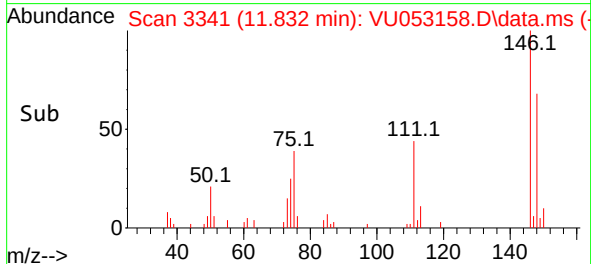
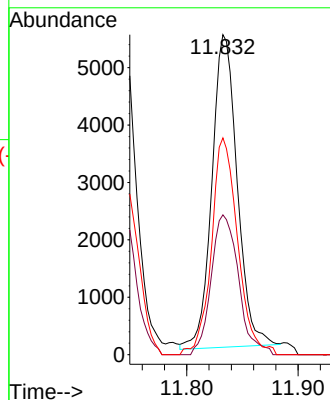
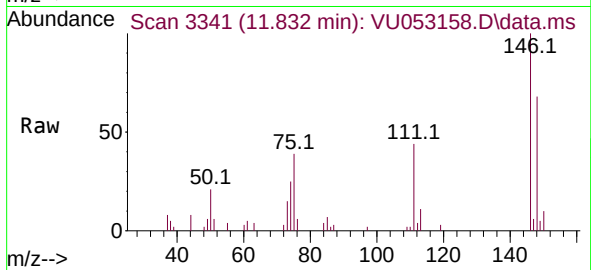




#83
1,4-Dichlorobenzene
Concen: 0.617 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

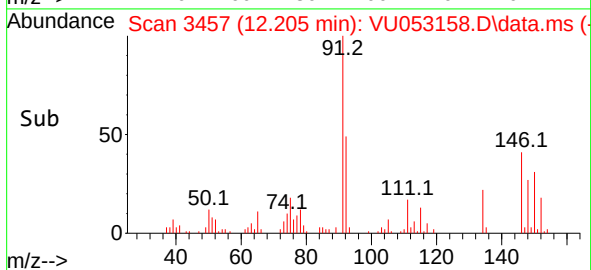
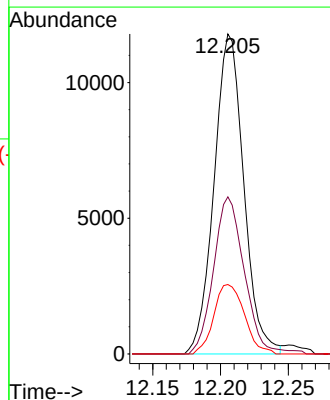
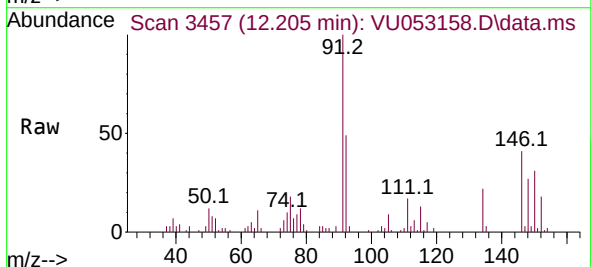
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

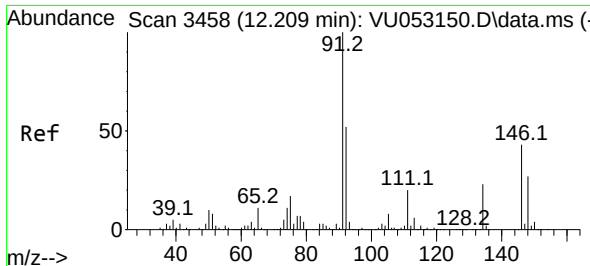
Tgt Ion:146 Resp: 8597
Ion Ratio Lower Upper
146 100
111 48.4 34.0 51.0
148 71.9 49.8 74.6



#84
n-Butylbenzene
Concen: 0.604 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 91 Resp: 17948
Ion Ratio Lower Upper
91 100
92 50.9 41.8 62.6
134 22.4 17.9 26.9

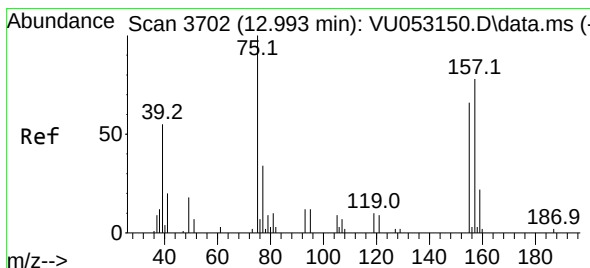
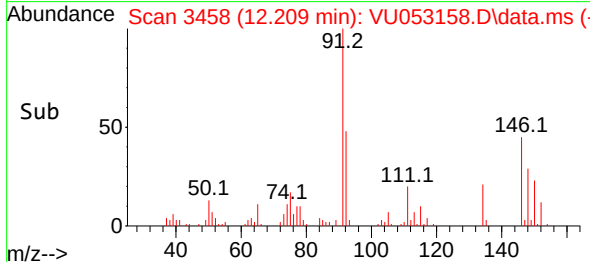
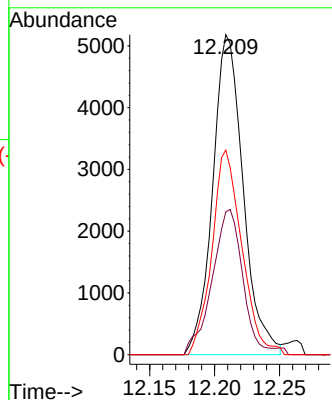
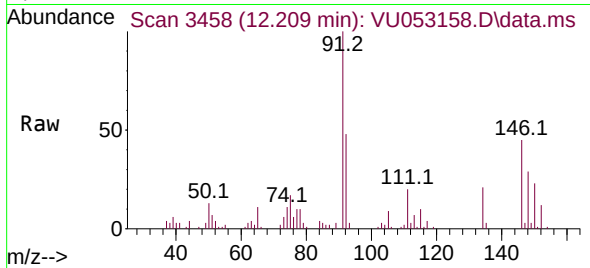




#85
1,2-Dichlorobenzene
Concen: 0.649 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

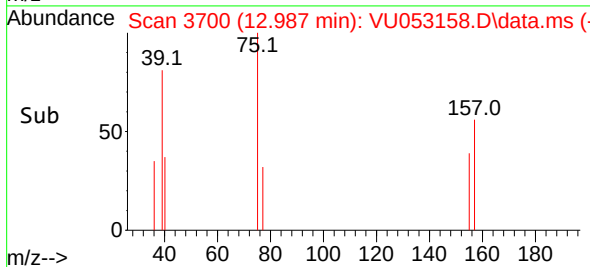
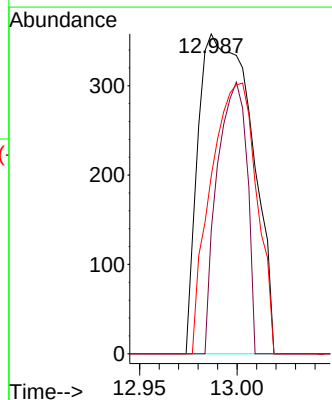
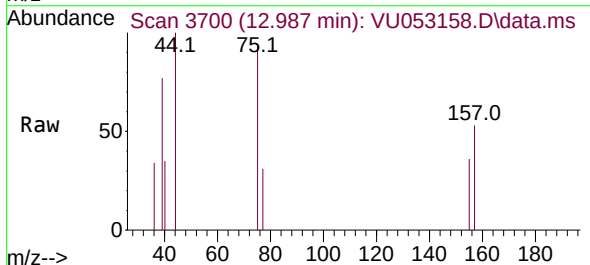
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

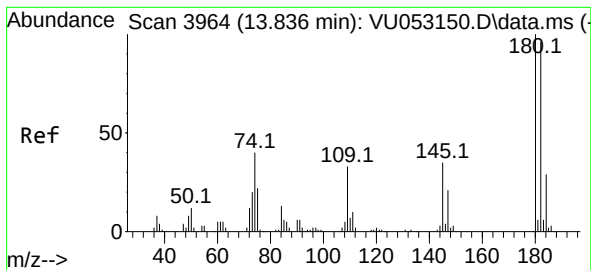
Tgt Ion:	146	Resp:	8438
Ion	Ratio	Lower	Upper
146	100		
111	45.4	23.2	69.6
148	62.8	31.4	94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.671 ug/l
RT: 12.987 min Scan# 3700
Delta R.T. -0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:	75	Resp:	680
Ion	Ratio	Lower	Upper
75	100		
155	47.1	53.4	80.0#
157	72.6	61.7	92.5





#87

1,2,4-Trichlorobenzene

Concen: 0.696 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053158.D

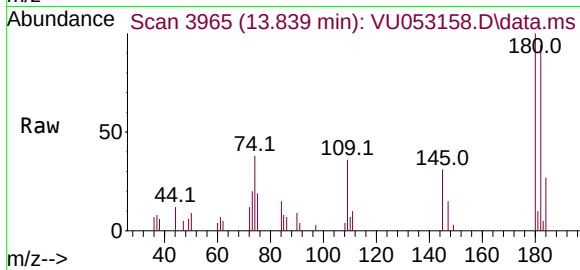
Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



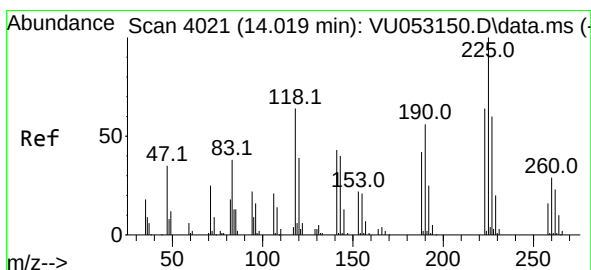
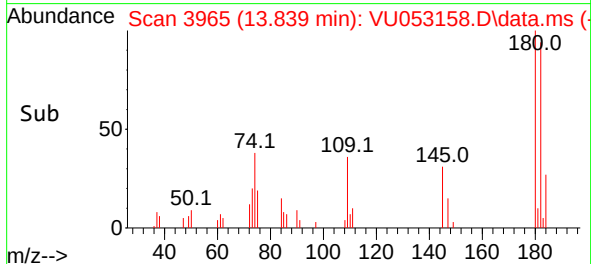
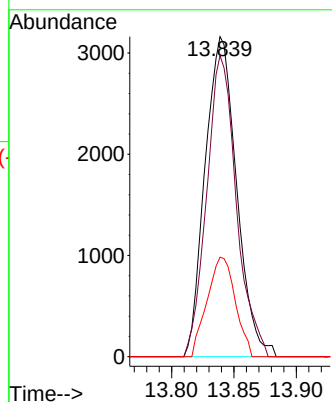
Tgt Ion:180 Resp: 5556

Ion Ratio Lower Upper

180 100

182 88.6 77.4 116.0

145 27.7 28.3 42.5#



#88

Hexachlorobutadiene

Concen: 0.557 ug/l

RT: 14.019 min Scan# 4021

Delta R.T. -0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

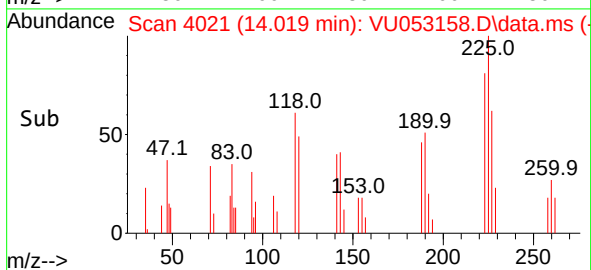
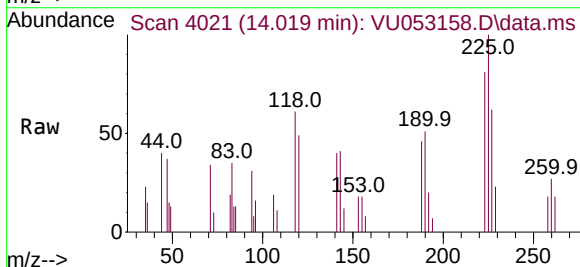
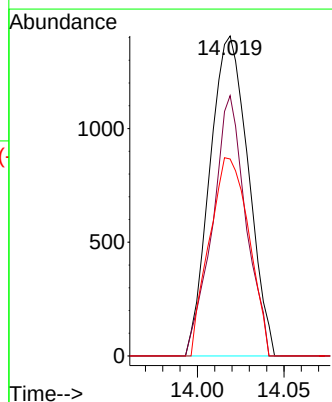
Tgt Ion:225 Resp: 2173

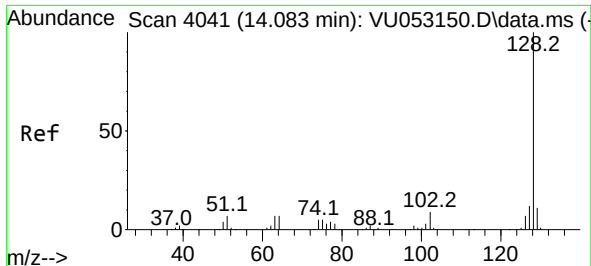
Ion Ratio Lower Upper

225 100

223 70.4 51.1 76.7

227 63.6 49.9 74.9





#89

Naphthalene

Concen: 0.665 ug/l

RT: 14.086 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

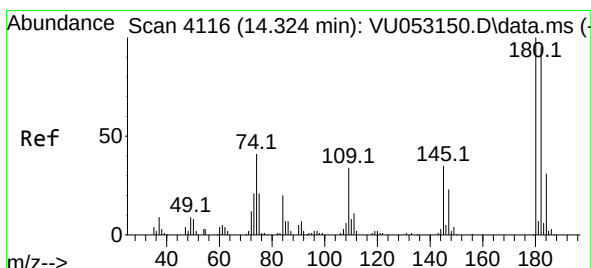
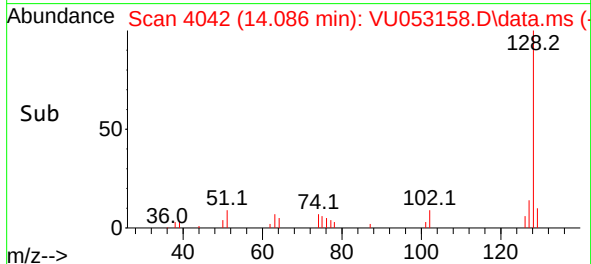
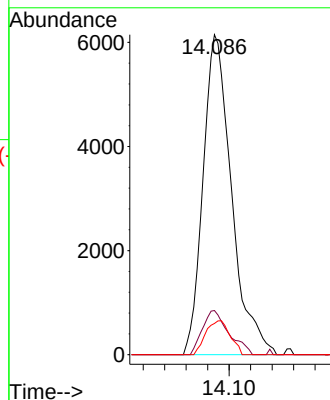
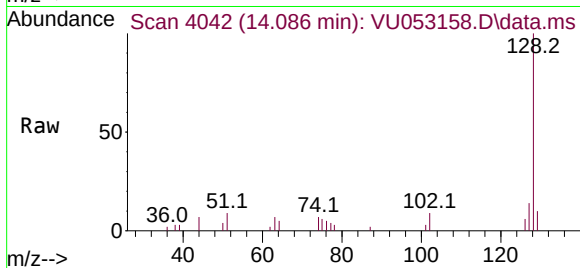
Tgt Ion:128 Resp: 11289

Ion Ratio Lower Upper

128 100

127 12.8 9.9 14.9

129 9.1 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 0.645 ug/l

RT: 14.331 min Scan# 4118

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion:180 Resp: 4531

Ion Ratio Lower Upper

180 100

182 90.5 76.6 115.0

145 35.1 29.0 43.6

