

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037148.D
 Acq On : 10 Mar 2020 12:37
 Operator : JC/MD
 Sample : L1161-09 0.25 ppb
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Quant Time: Mar 10 13:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	14225	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	4590	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	4643	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	2119	0.305	ug/l	87
3) Chloromethane	1.54	50	2057	0.298	ug/l	93
4) Vinyl Chloride	1.62	62	1676	0.276	ug/l #	77
5) Bromomethane	1.87	94	645	0.305	ug/l	82
6) Chloroethane	1.95	64	740	0.255	ug/l	96
7) Trichlorofluoromethane	2.16	101	2064	0.280	ug/l	88
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	884	0.256	ug/l #	77
9) 1,1-Dichloroethene	2.60	96	830	0.252	ug/l	51
11) Allyl Chloride	2.95	41	1959	0.307	ug/l #	65
12) Acrylonitrile	3.36	53	357	0.459	ug/l	88
13) Acetone	2.66	43	1505	1.740	ug/l #	70
14) Carbon Disulfide	2.82	76	3320	0.303	ug/l #	92
15) Methylene Chloride	3.08	84	1218	0.295	ug/l #	71
16) trans-1,2-Dichloroethene	3.38	96	966	0.277	ug/l #	83
17) 1,1-Dichloroethane	3.91	63	2279	0.281	ug/l #	82
18) 2-Butanone	4.77	43	1730	1.309	ug/l	75
19) Cyclohexane	5.41	56	1514	0.220	ug/l #	57
20) Methylcyclohexane	6.80	83	1503	0.221	ug/l #	79
21) 2,2-Dichloropropane	4.70	77	2002	0.271	ug/l #	69
22) cis-1,2-Dichloroethene	4.70	96	1028	0.238	ug/l	72
23) Diethyl Ether	2.40	59	704	0.253	ug/l #	67
24) tert-Butyl Alcohol	3.24	59	1016	3.335	ug/l #	1
25) Methyl tert-Butyl Ether	3.41	73	2907	0.302	ug/l #	56
26) Bromochloromethane	5.02	128	404	0.212	ug/l	55
27) Chloroform	5.13	83	2582	0.296	ug/l	94
28) 1,1,1-Trichloroethane	5.36	97	1990	0.268	ug/l	95
29) 1,1-Dichloropropene	5.56	75	1607	0.266	ug/l #	48
30) Carbon Tetrachloride	5.56	117	1717	0.264	ug/l #	90
31) Isopropyl Ether	4.05	45	3303	0.255	ug/l	82
32) Ethyl-t-butyl ether	4.55	59	3020	0.247	ug/l #	82
33) Tert-Amyl methyl ether	5.99	73	2109	0.201	ug/l #	95
35) Benzene	5.81	78	4368	0.254	ug/l	93
36) 1,2-Dichloroethane	5.84	62	1592	0.256	ug/l #	88
37) Trichloroethene	6.57	130	1379	0.306	ug/l	92
38) 1,2-Dichloropropane	6.83	63	1151	0.244	ug/l #	88
41) Tetrahydrofuran	5.12	42	332	0.397	ug/l #	27
42) 1-Chlorobutane	5.50	56	2252	0.259	ug/l	82
43) Dibromomethane	6.95	93	601	0.249	ug/l	91
44) Bromodichloromethane	7.13	83	1475	0.235	ug/l #	96
45) 4-Methyl-2-Pentanone	7.83	43	3779	1.167	ug/l #	83
46) t-1,4-Dichloro-2-butene	10.85	75	478m	0.539	ug/l	

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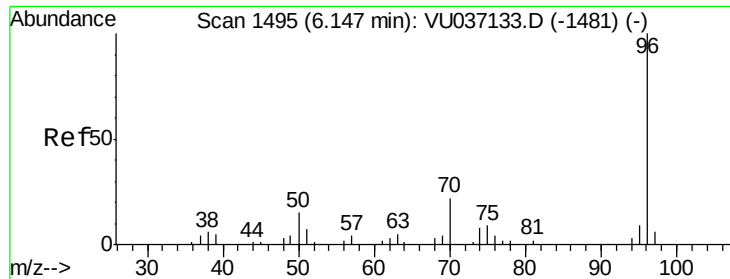
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Quant Time: Mar 10 13:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Methyl methacrylate	7.00	69	879	0.440	ug/l #	68
48) Ethyl methacrylate	8.36	69	793	0.201	ug/l #	57
49) Toluene	8.00	92	2332	0.225	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	1395	0.216	ug/l #	75
52) 1,1,2-Trichloroethane	8.43	97	744	0.231	ug/l	90
53) 1,3-Dichloropropane	8.60	76	1326	0.232	ug/l #	86
54) 2-Hexanone	8.72	43	2365	1.060	ug/l #	72
55) Dibromochloromethane	8.83	129	873	0.219	ug/l	82
56) 1,2-Dibromoethane	8.95	107	748	0.245	ug/l	83
58) Tetrachloroethene	8.58	164	1103	0.261	ug/l #	72
59) Chlorobenzene	9.47	112	2985	0.258	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.56	131	998	0.236	ug/l	89
61) Pentachloroethane	11.44	117	793	0.245	ug/l	94
62) Hexachloroethane	12.49	117	815	0.236	ug/l	83
63) Ethyl Benzene	9.59	91	3991	0.202	ug/l	96
64) m/p-Xylenes	9.71	106	3230	0.432	ug/l	95
65) o-Xylene	10.12	106	1574	0.218	ug/l	93
67) Bromoform	10.31	173	521	0.248	ug/l #	52
70) 1,1,2,2-Tetrachloroethane	10.80	83	991	0.234	ug/l #	82
71) 1,2,3-Trichloropropane	10.84	75	809m	0.234	ug/l	
72) Bromobenzene	10.81	156	992	0.209	ug/l	80
74) 2-Chlorotoluene	11.00	126	1083	0.230	ug/l	95
82) 1,3-Dichlorobenzene	11.77	146	2051	0.218	ug/l	96
83) 1,4-Dichlorobenzene	11.85	146	2116	0.222	ug/l	93
85) 1,2-Dichlorobenzene	12.23	146	2161	0.237	ug/l	99
88) Hexachlorobutadiene	14.06	225	625	0.220	ug/l	90
89) Naphthalene	14.12	128	1033	0.386	ug/l #	72

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion: 96 Resp: 14225

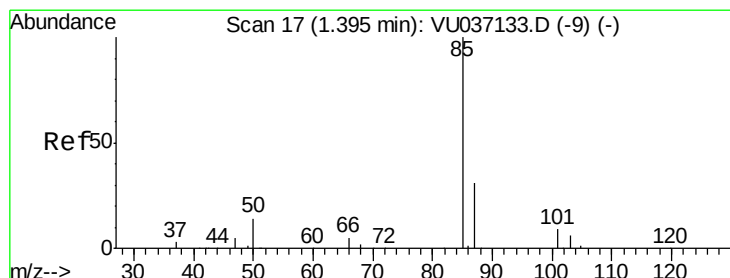
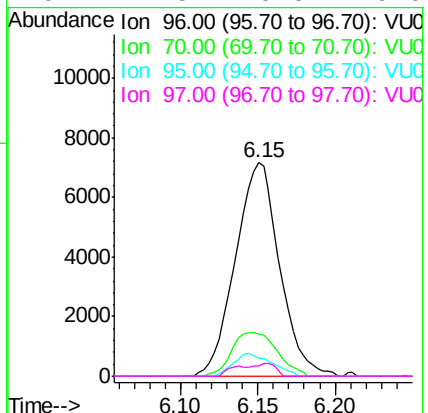
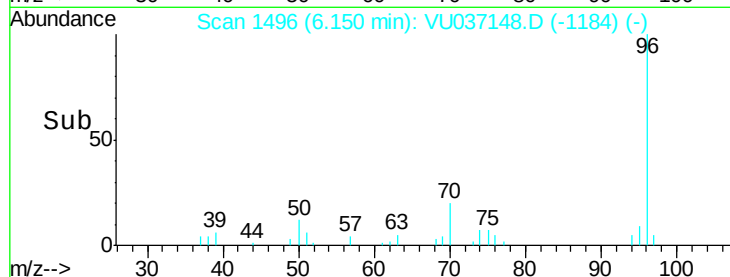
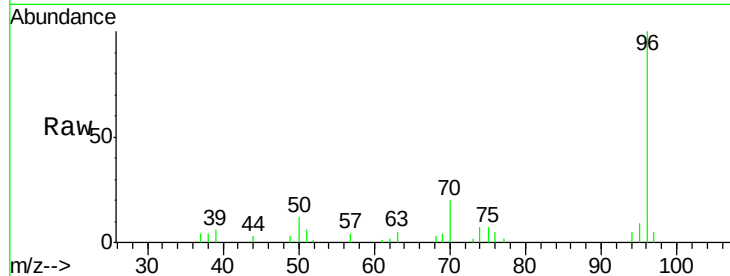
Ion Ratio Lower Upper

96 100

70 21.1 15.6 23.4

95 9.3 7.0 10.6

97 2.5 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.305 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037148.D

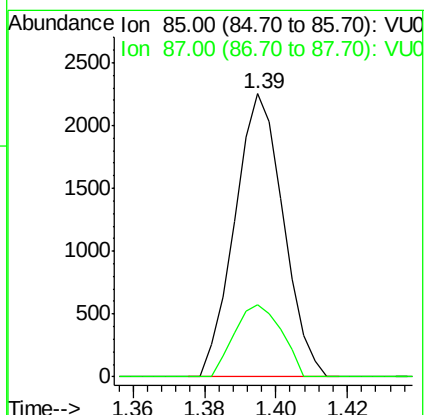
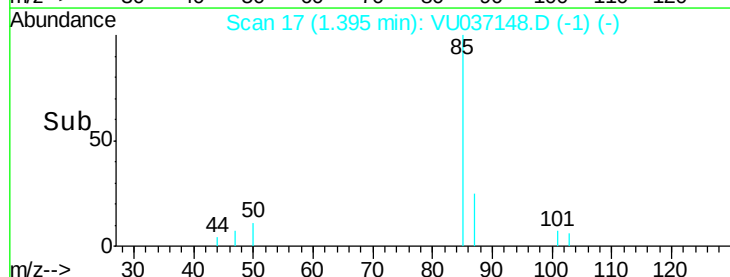
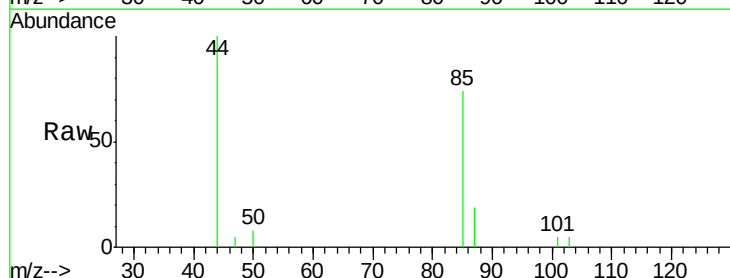
Acq: 10 Mar 2020 12:37

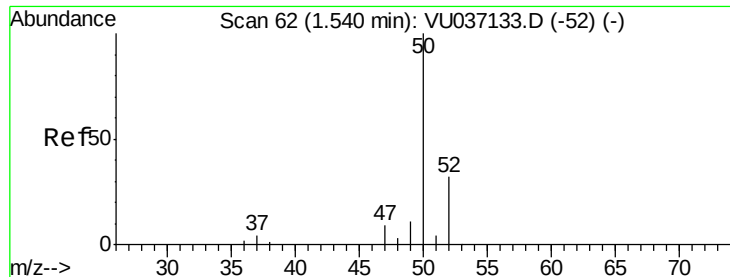
Tgt Ion: 85 Resp: 2119

Ion Ratio Lower Upper

85 100

87 25.5 16.4 49.2

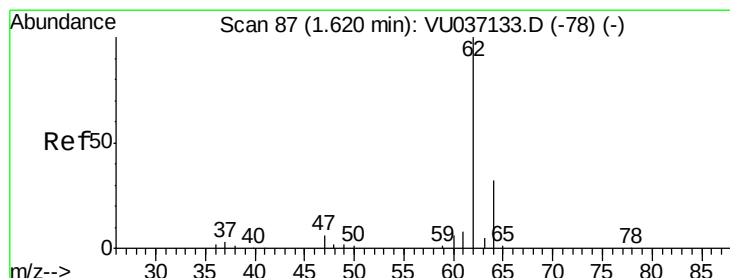
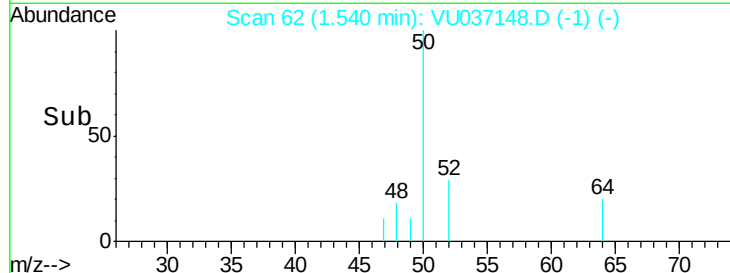
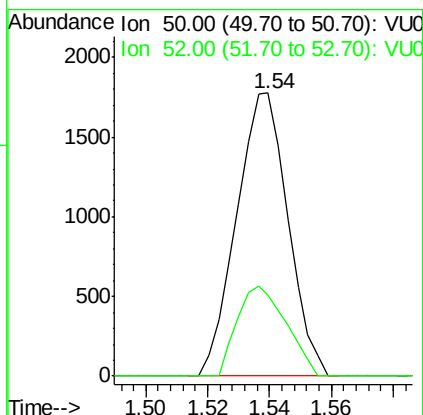
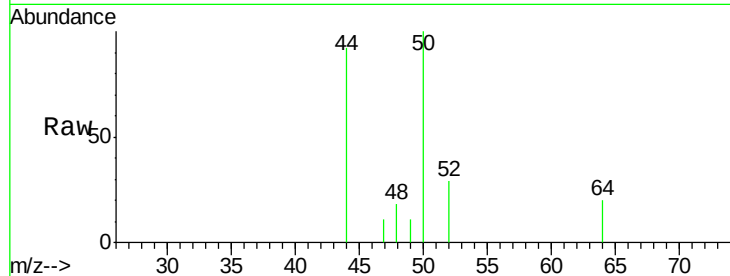




#3
Chloromethane
Concen: 0.298 ug/l
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

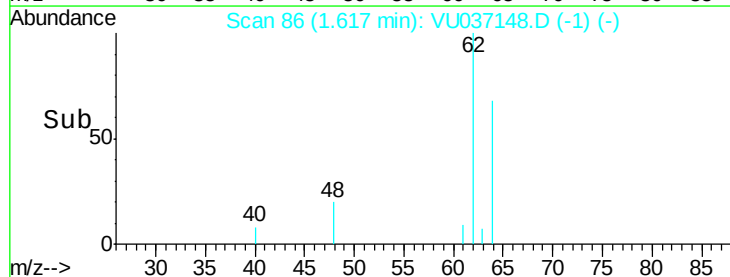
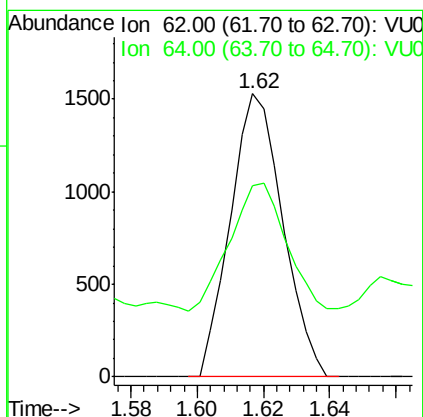
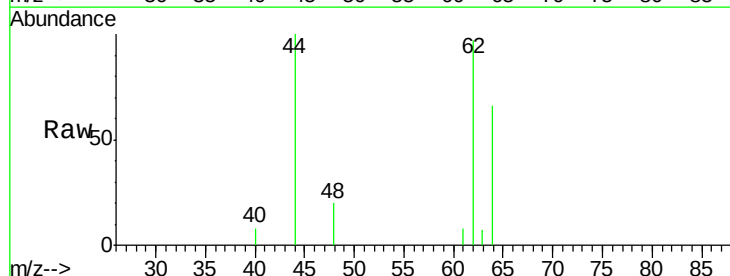
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

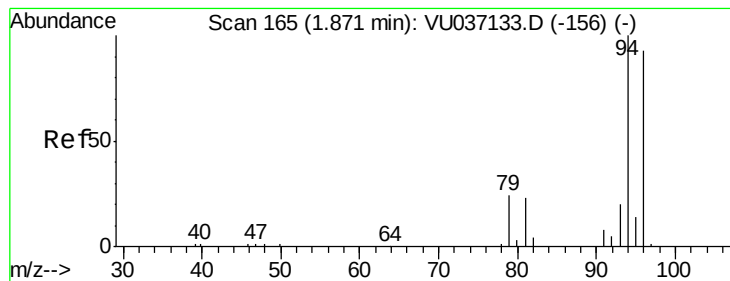
Tot Ion: 50 Resp: 2057
Ion Ratio Lower Upper
50 100
52 28.6 26.0 39.0



#4
Vinyl Chloride
Concen: 0.276 ug/l
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Tgt Ion: 62 Resp: 1676
Ion Ratio Lower Upper
62 100
64 44.3 25.4 38.2#





#5

Bromomethane

Concen: 0.305 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

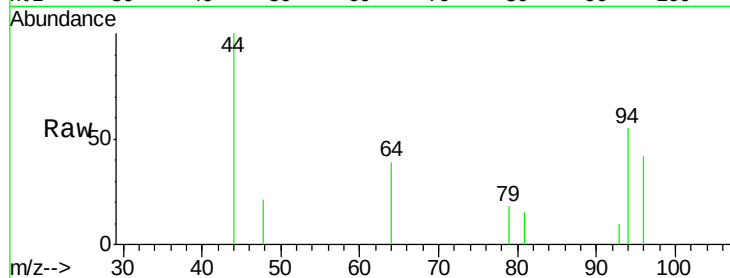
MDL-WATER-03-QT1-2020

Tot Ion: 94 Resp: 645

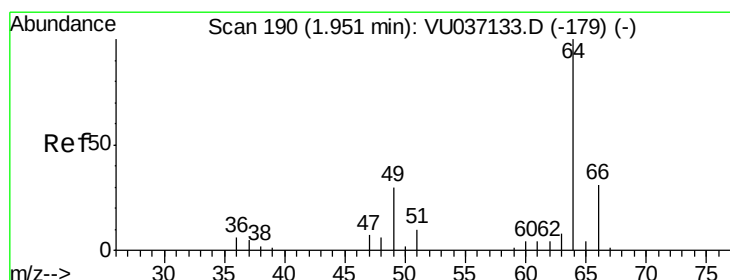
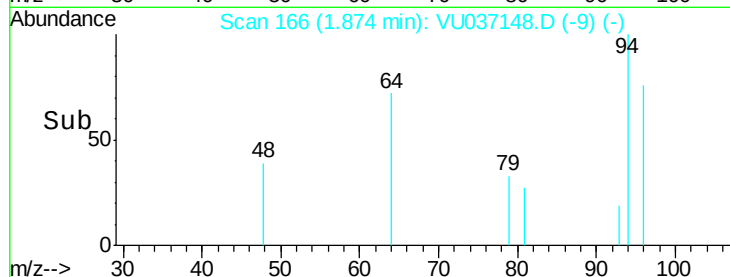
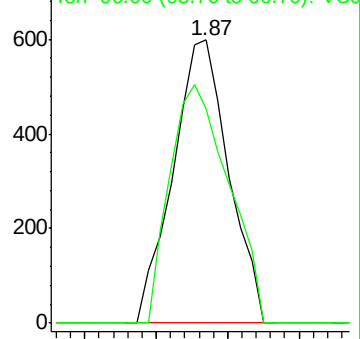
Ion Ratio Lower Upper

94 100

96 75.6 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037148.D (-156) (-)



#6

Chloroethane

Concen: 0.255 ug/l

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU037148.D

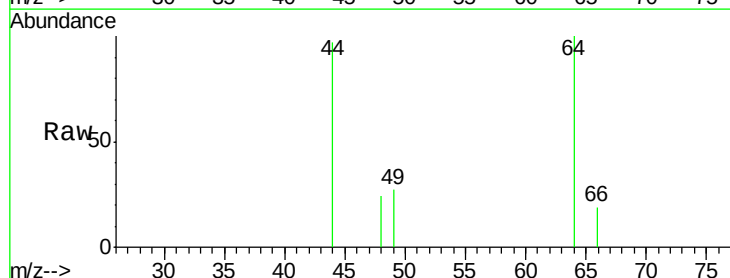
Acq: 10 Mar 2020 12:37

Tgt Ion: 64 Resp: 740

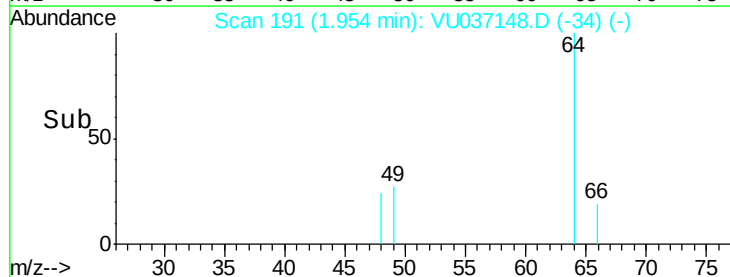
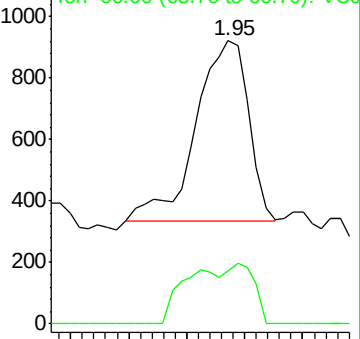
Ion Ratio Lower Upper

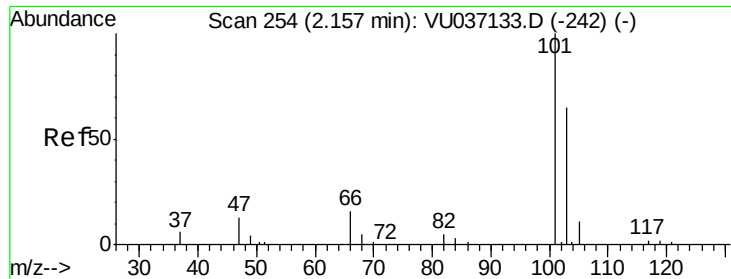
64 100

66 29.6 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037148.D (-179) (-)



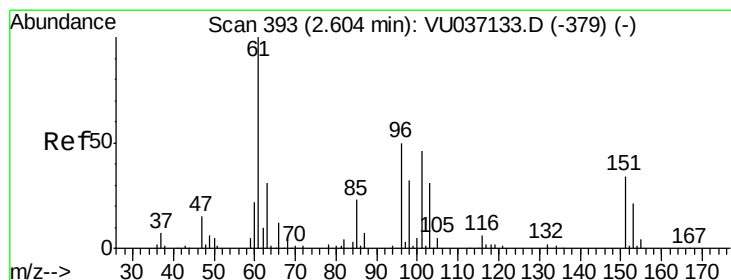
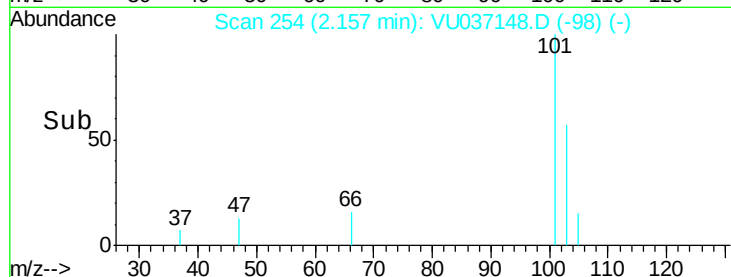
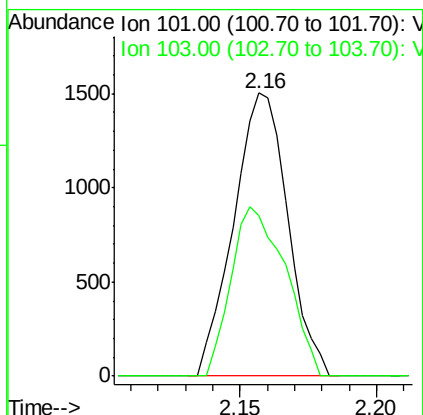
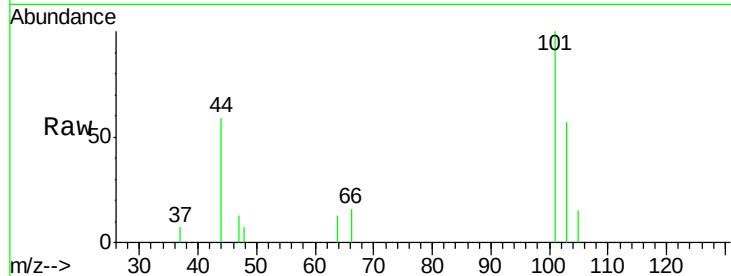


#7

Trichlorofluoromethane
 Concen: 0.280 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

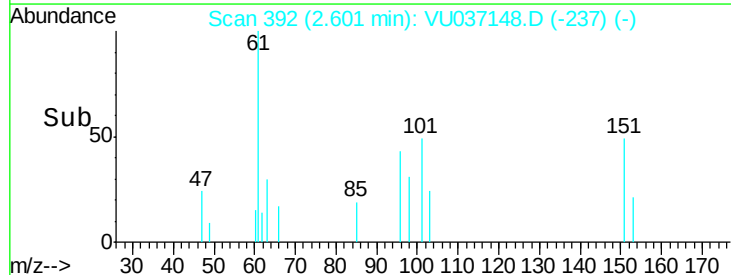
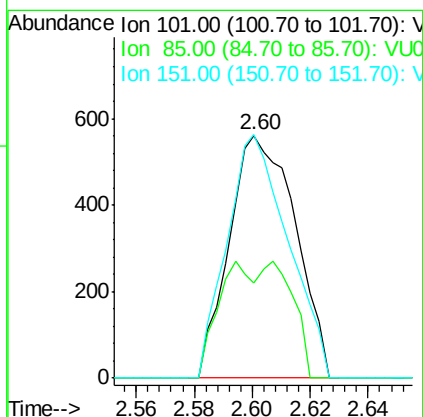
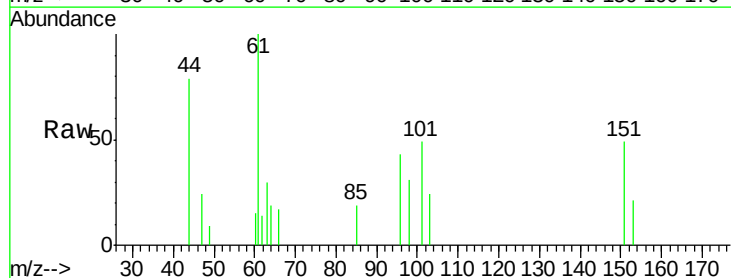
Tot Ion:101 Resp: 2064
 Ion Ratio Lower Upper
 101 100
 103 56.8 53.0 79.6

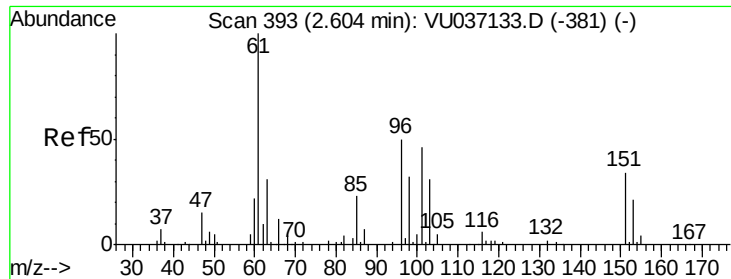


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.256 ug/l
 RT: 2.60 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion:101 Resp: 884
 Ion Ratio Lower Upper
 101 100
 85 26.5 33.9 50.9#
 151 93.0 59.8 89.8#





#9

1,1-Dichloroethene

Concen: 0.252 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

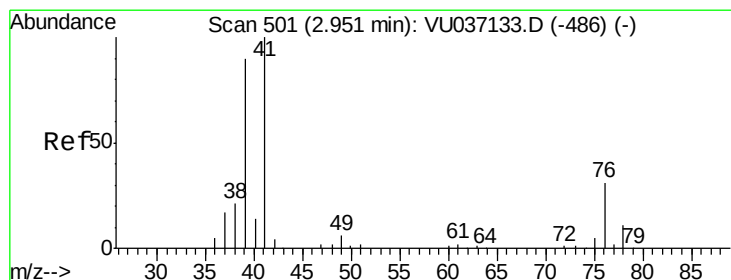
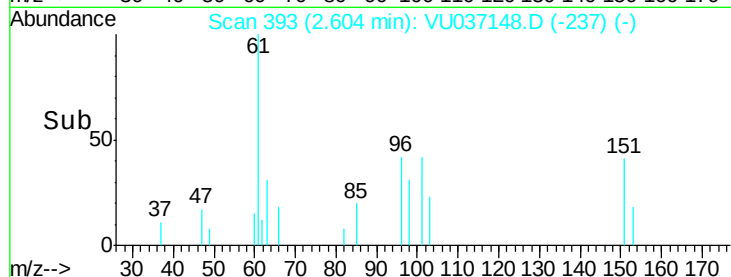
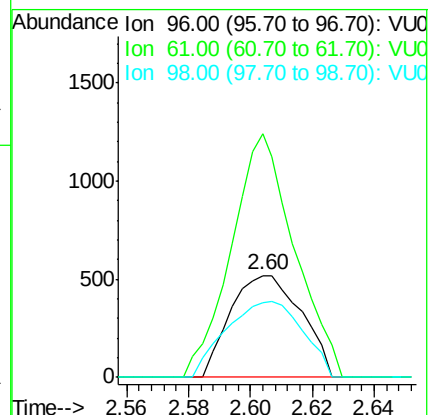
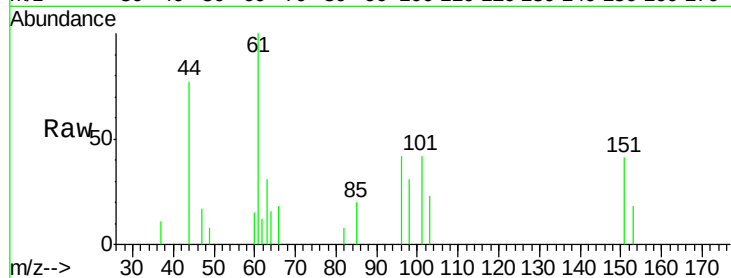
Tot Ion: 96 Resp: 830

Ion Ratio Lower Upper

96 100

61 239.1 0.0 463.2

98 73.4 0.0 130.0



#11

Allyl Chloride

Concen: 0.307 ug/l

RT: 2.95 min Scan# 502

Delta R.T. 0.00 min

Lab File: VU037148.D

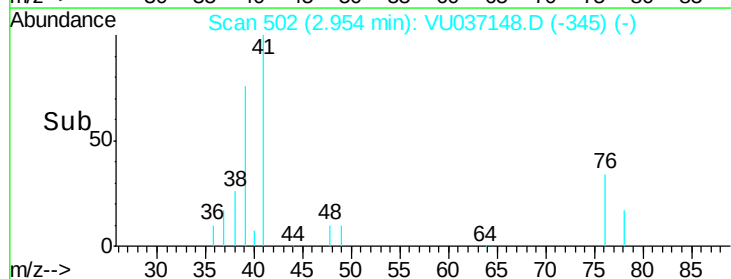
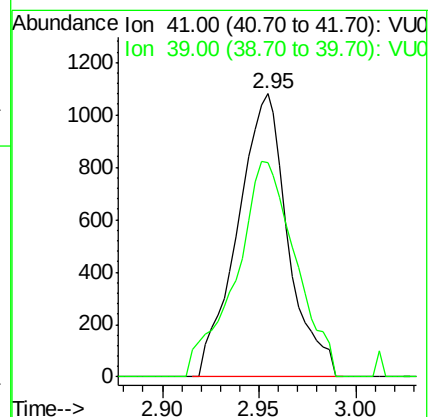
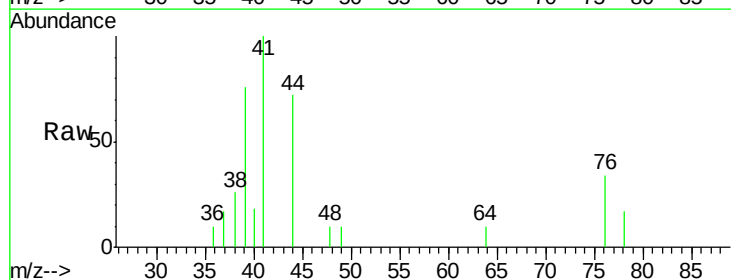
Acq: 10 Mar 2020 12:37

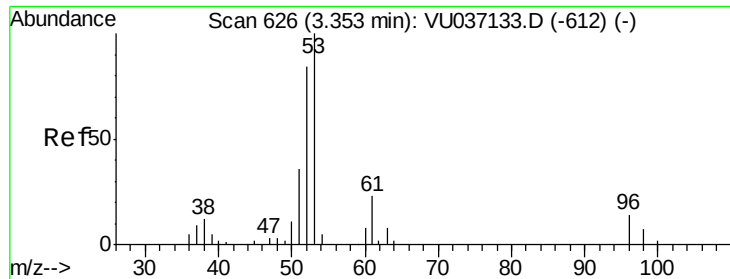
Tgt Ion: 41 Resp: 1959

Ion Ratio Lower Upper

41 100

39 90.3 50.7 76.1#





#12

Acrylonitrile

Concen: 0.459 ug/l

RT: 3.36 min Scan# 628

Delta R.T. 0.01 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

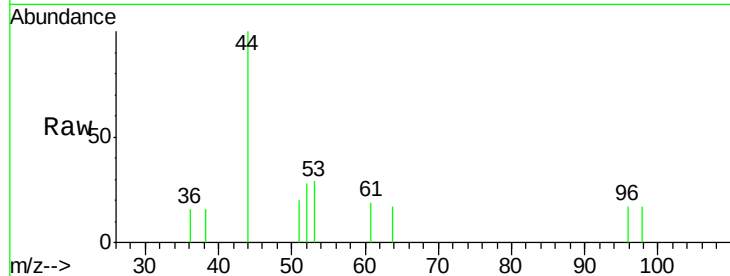
Tot Ion: 53 Resp: 357

Ion Ratio Lower Upper

53 100

52 93.6 64.6 97.0

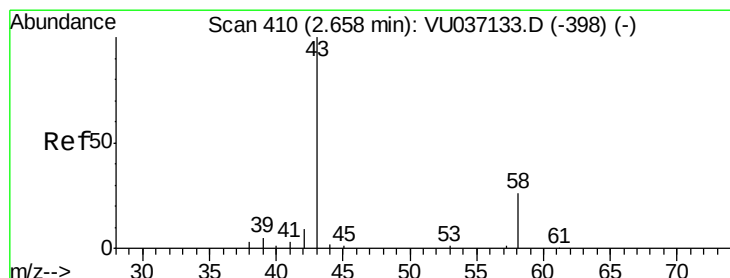
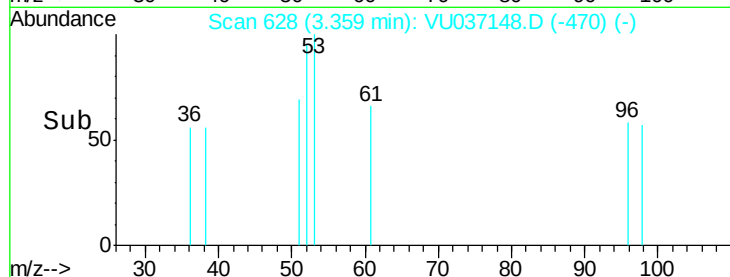
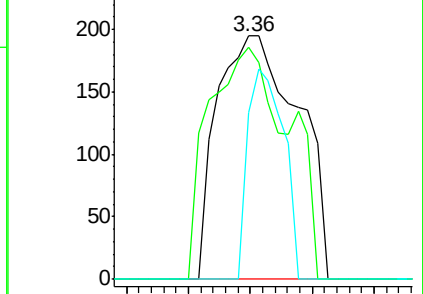
51 38.1 27.2 40.8



Abundance Ion 53.00 (52.70 to 53.70): VU037148.D (-470) (-)

Ion 52.00 (51.70 to 52.70): VU037148.D (-470) (-)

Ion 51.00 (50.70 to 51.70): VU037148.D (-470) (-)



#13

Acetone

Concen: 1.740 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU037148.D

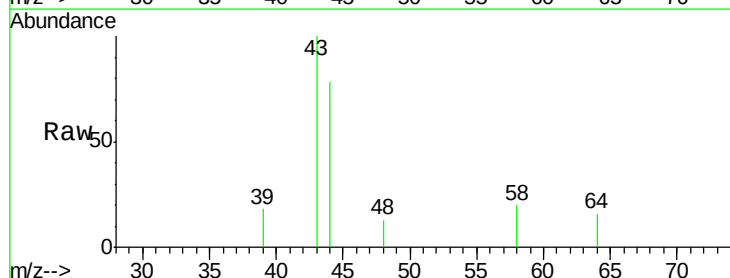
Acq: 10 Mar 2020 12:37

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

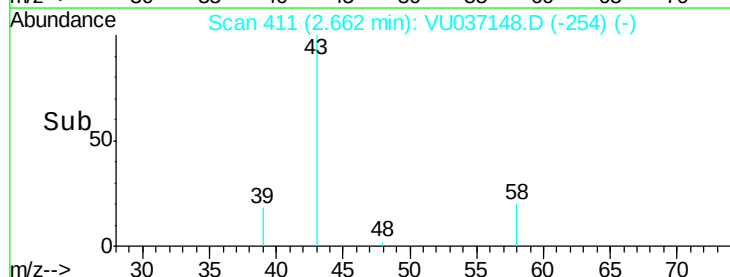
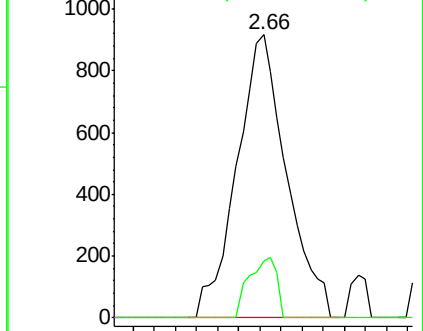
43 100

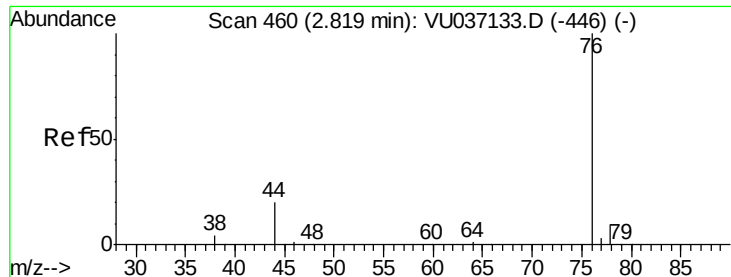
58 20.1 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037148.D (-254) (-)

Ion 58.00 (57.70 to 58.70): VU037148.D (-254) (-)





#14

Carbon Disulfide

Concen: 0.303 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

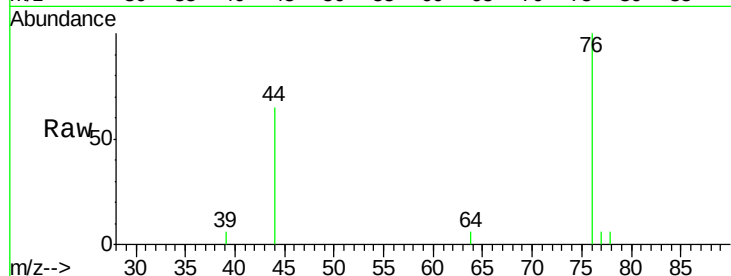
MDL-WATER-03-QT1-2020

Tot Ion: 76 Resp: 3320

Ion Ratio Lower Upper

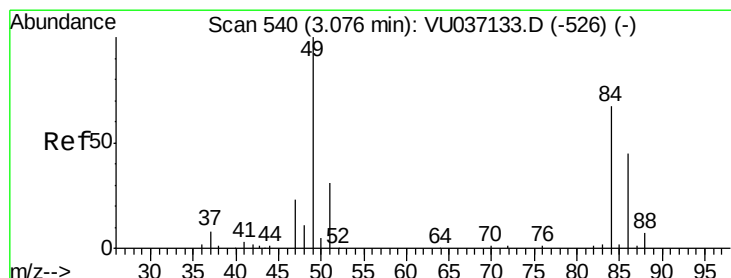
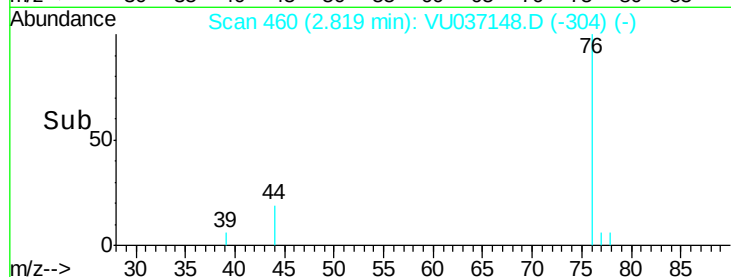
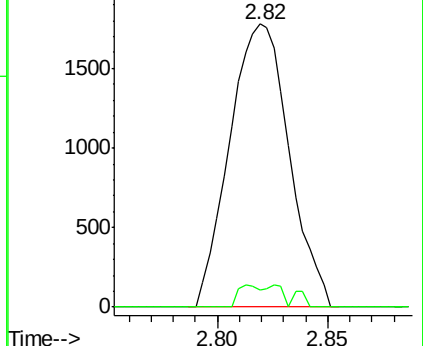
76 100

78 6.2 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VU037133.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037133.D (-446) (-)



#15

Methylene Chloride

Concen: 0.295 ug/l

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Tgt Ion: 84 Resp: 1218

Ion Ratio Lower Upper

84 100

49 155.3 89.7 134.5#

51 57.8 0.0 71.6

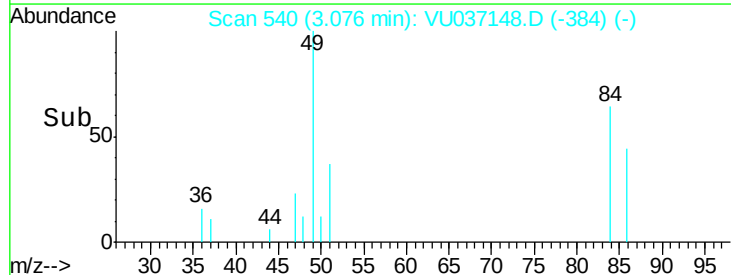
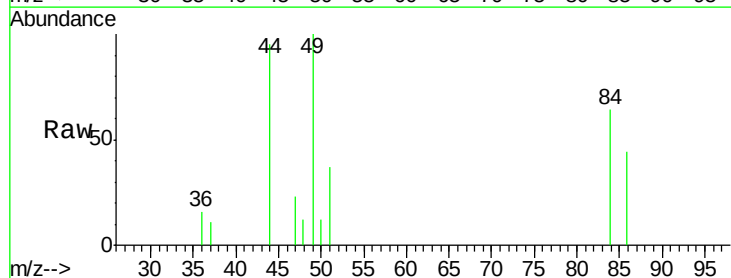
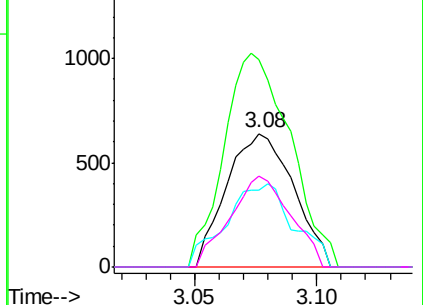
86 68.0 51.4 77.2

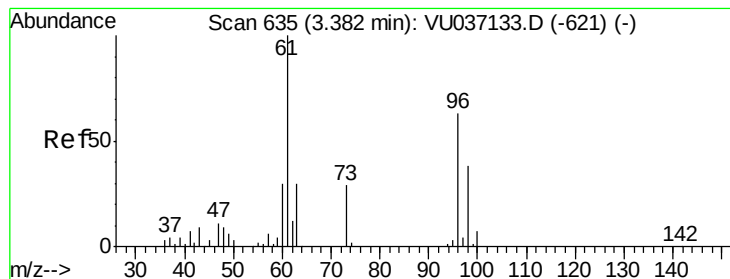
Abundance Ion 84.00 (83.70 to 84.70): VU037133.D (-526) (-)

Ion 49.00 (48.70 to 49.70): VU037133.D (-526) (-)

Ion 51.00 (50.70 to 51.70): VU037133.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU037133.D (-526) (-)





#16

trans-1,2-Dichloroethene

Concen: 0.277 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

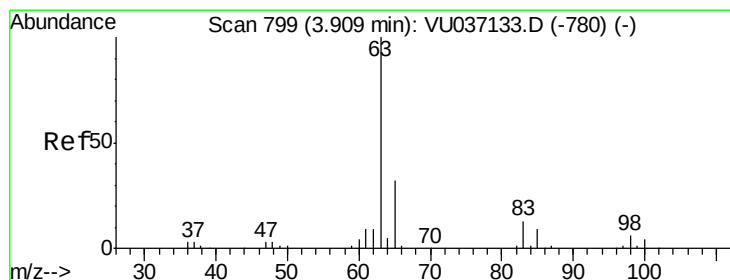
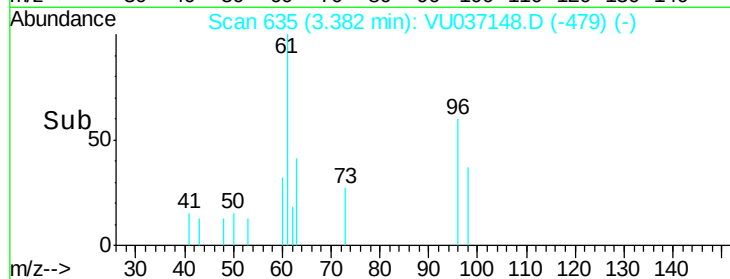
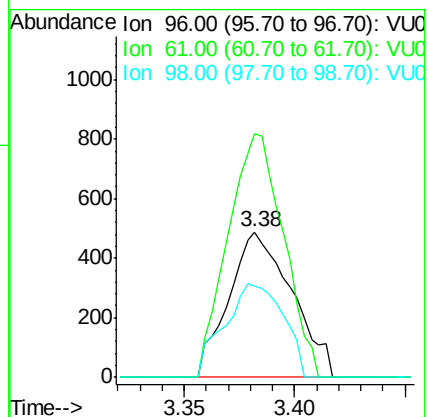
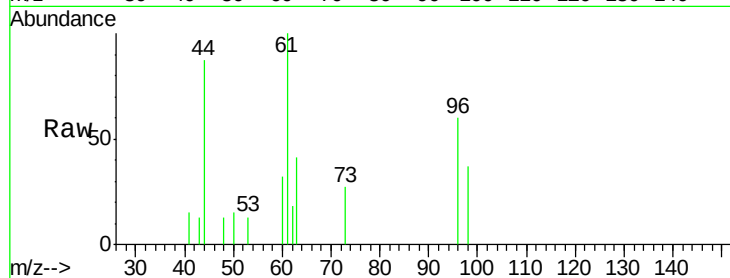
Tot Ion: 96 Resp: 966

Ion Ratio Lower Upper

96 100

61 167.6 110.8 166.2#

98 62.7 50.3 75.5



#17

1,1-Dichloroethane

Concen: 0.281 ug/l

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

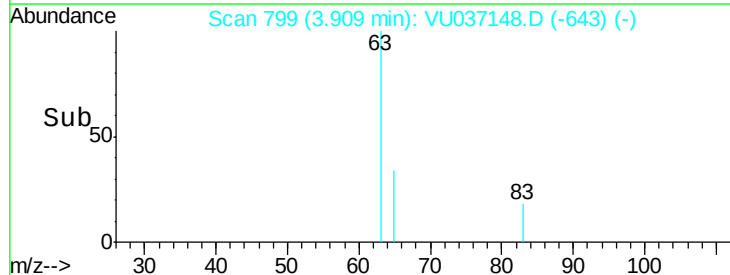
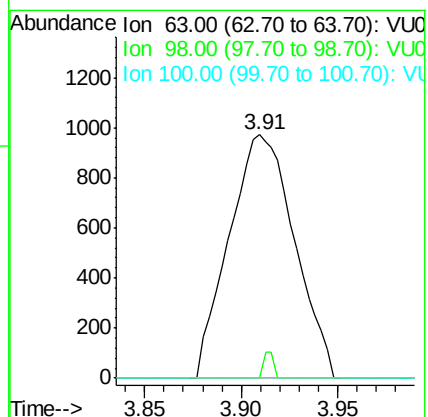
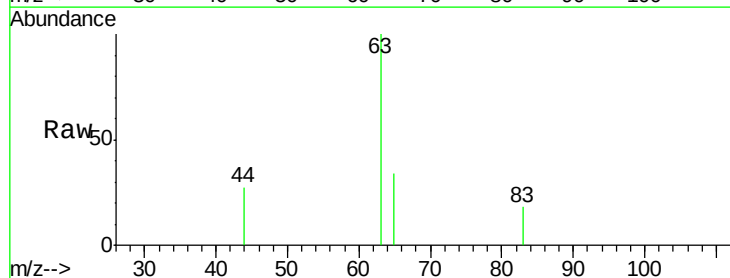
Tgt Ion: 63 Resp: 2279

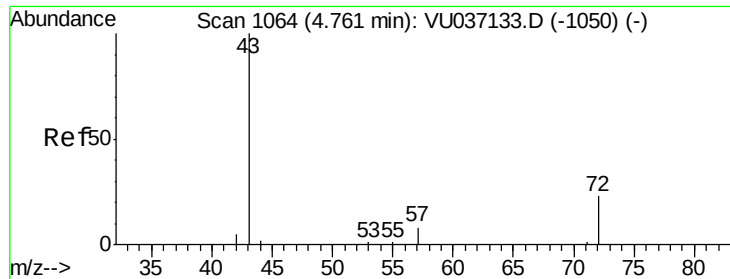
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.5#

100 0.0 2.4 7.1#

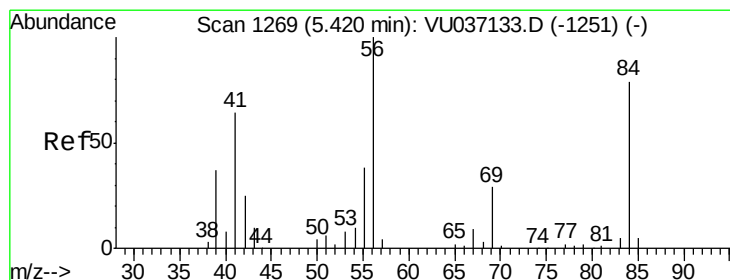
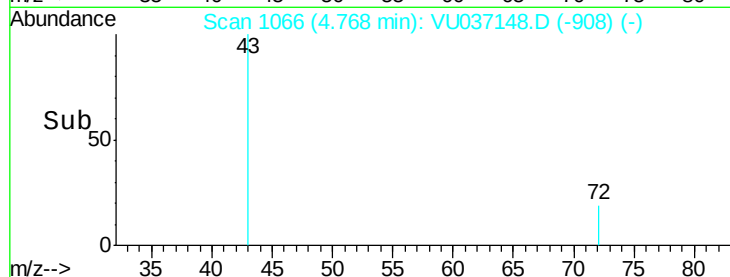
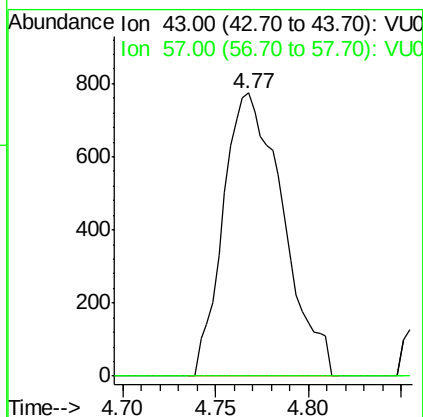
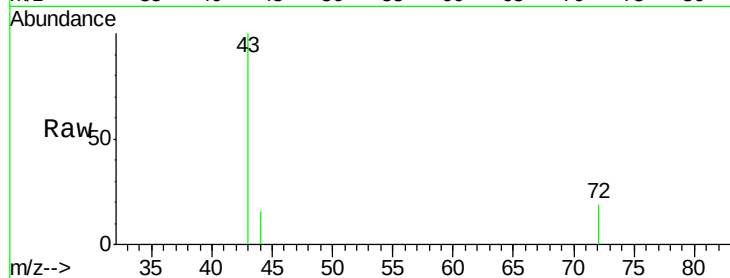




#18
2-Butanone
Concen: 1.309 ug/l
RT: 4.77 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

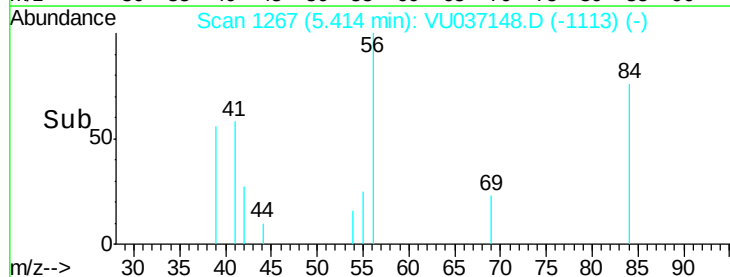
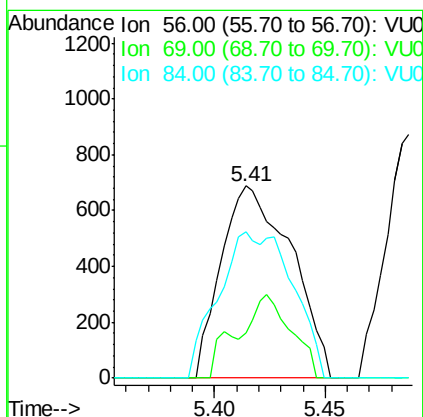
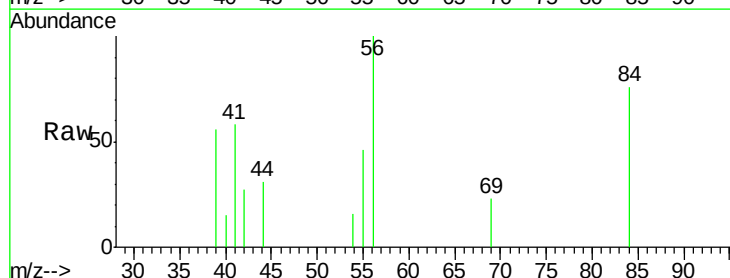
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

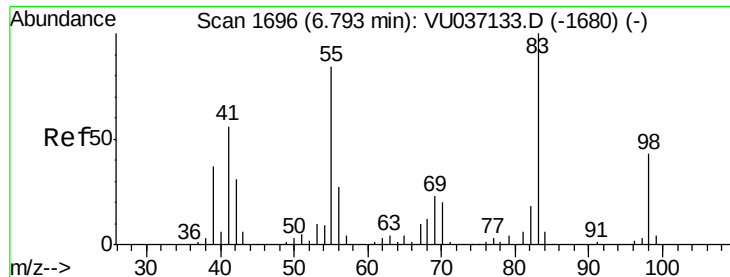
Tot Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.8



#19
Cyclohexane
Concen: 0.220 ug/l
RT: 5.41 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Tgt Ion: 56 Resp: 1514
Ion Ratio Lower Upper
56 100
69 15.7 26.2 39.2#
84 46.0 72.8 109.2#

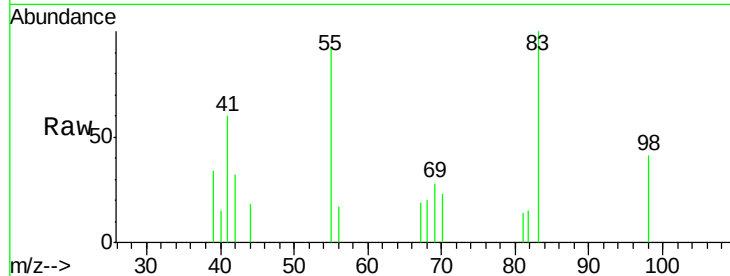




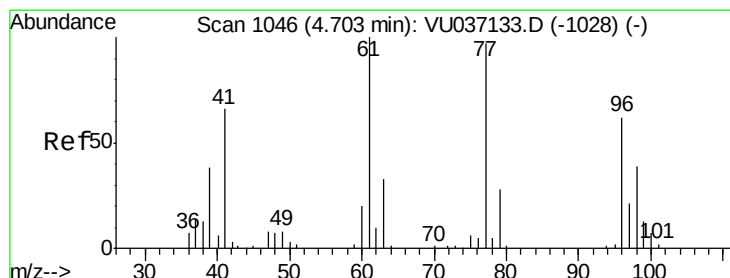
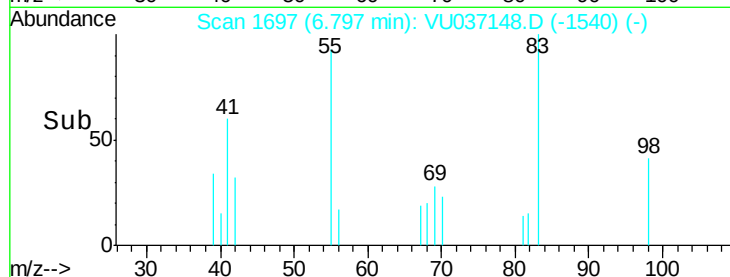
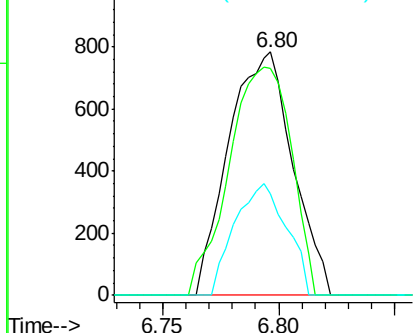
#20
Methylvlcyclohexane
Concen: 0.221 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion: 83 Resp: 1503
Ion Ratio Lower Upper
83 100
55 91.0 56.6 85.0#
98 37.1 37.5 56.3#

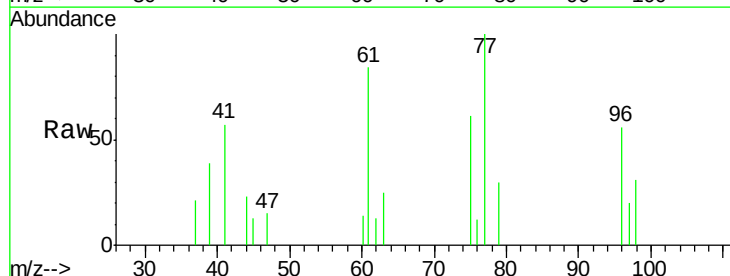


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

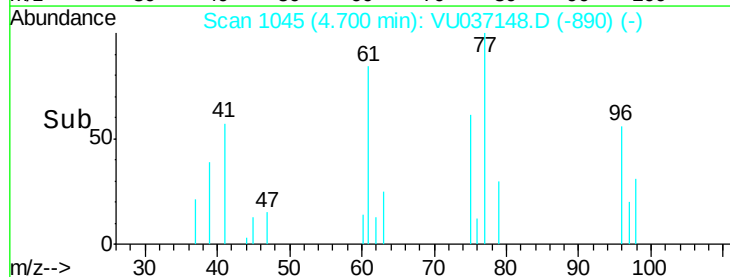
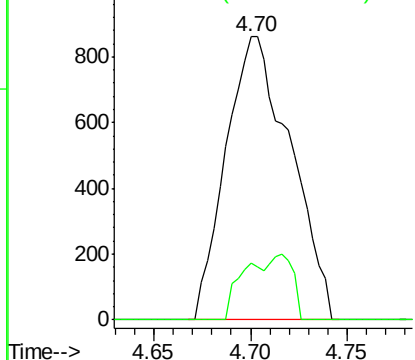


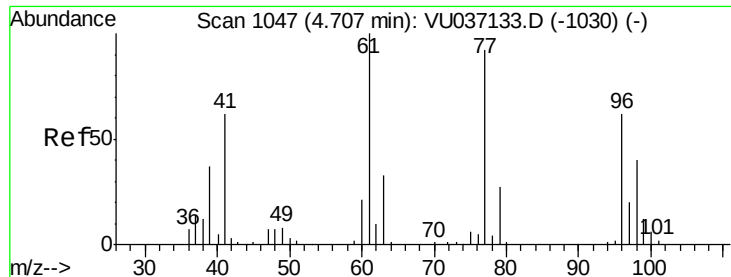
#21
2,2-Dichloropropane
Concen: 0.271 ug/l
RT: 4.70 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Tgt Ion: 77 Resp: 2002
Ion Ratio Lower Upper
77 100
97 8.4 19.0 28.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.238 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

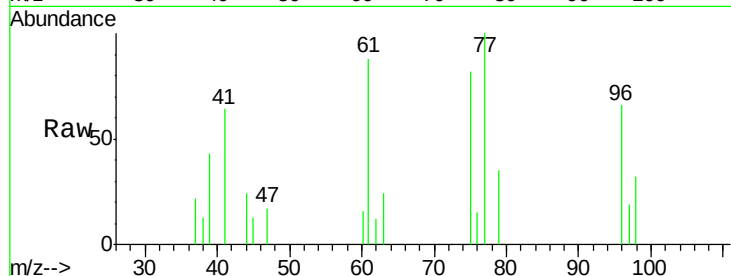
Tot Ion: 96 Resp: 1028

Ion Ratio Lower Upper

96 100

61 182.6 0.0 342.0

98 58.2 32.0 96.0

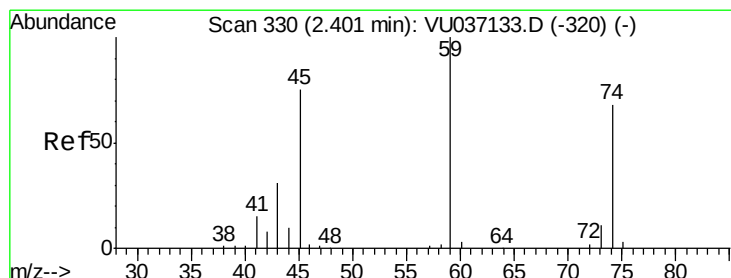
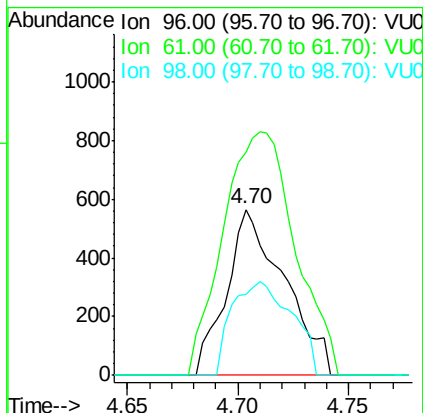
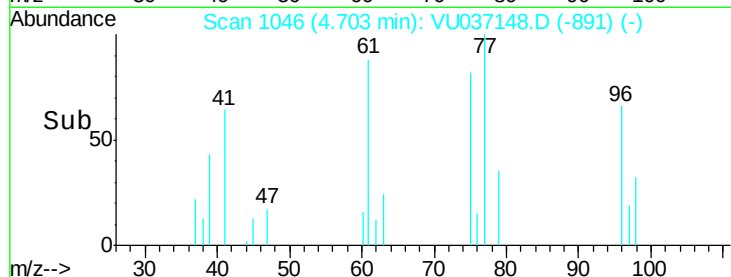


Abundance Ion 96.00 (95.70 to 96.70): VU037148.D (-891) (-)

Ion 61.00 (60.70 to 61.70): VU037148.D (-891) (-)

Ion 98.00 (97.70 to 98.70): VU037148.D (-891) (-)

Time-->



#23

Diethyl Ether

Concen: 0.253 ug/l

RT: 2.40 min Scan# 330

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

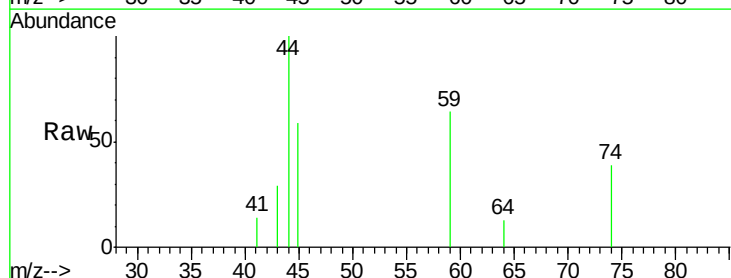
Tgt Ion: 59 Resp: 704

Ion Ratio Lower Upper

59 100

45 114.3 52.4 78.6#

74 70.6 62.1 93.1

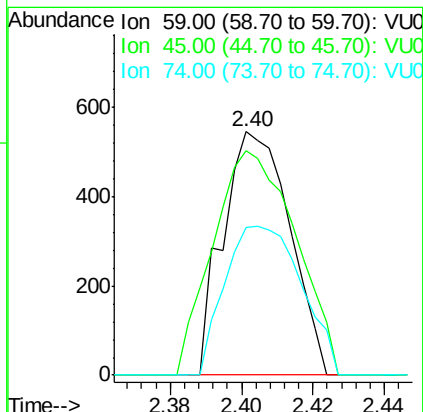
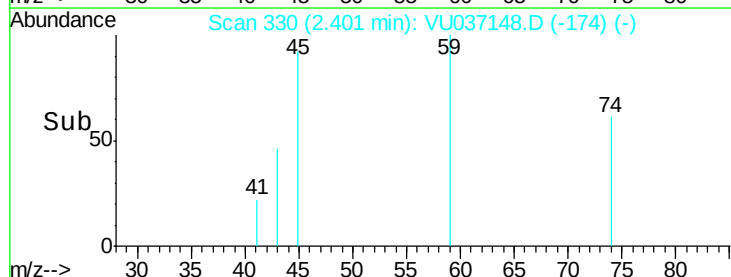


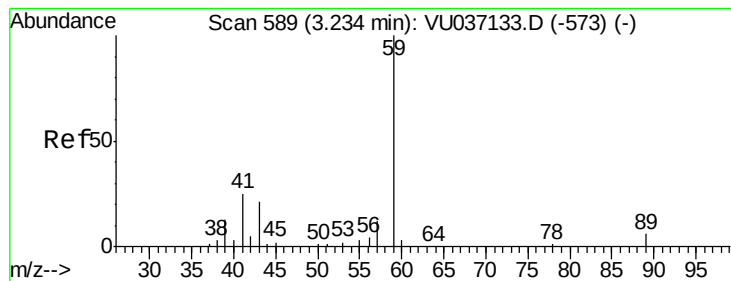
Abundance Ion 59.00 (58.70 to 59.70): VU037148.D (-174) (-)

Ion 45.00 (44.70 to 45.70): VU037148.D (-174) (-)

Ion 74.00 (73.70 to 74.70): VU037148.D (-174) (-)

Time-->



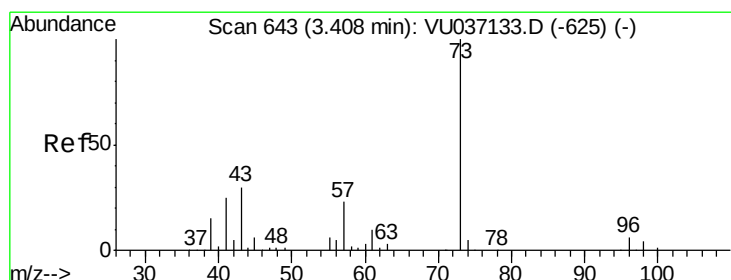
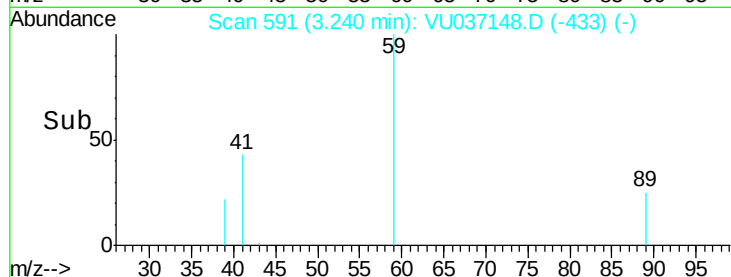
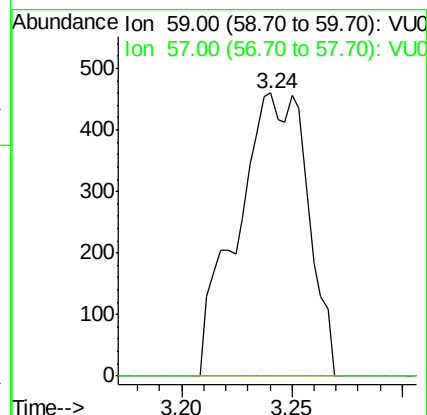
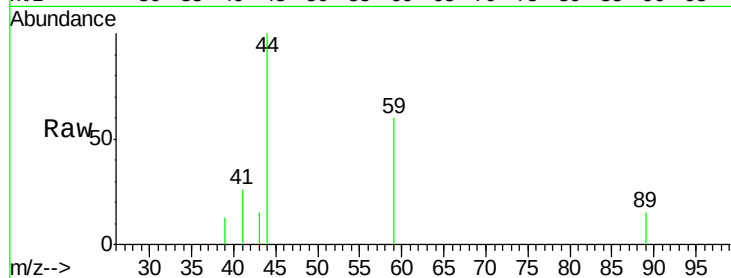


#24

tert-Butyl Alcohol
 Concen: 3.335 ug/l
 RT: 3.24 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

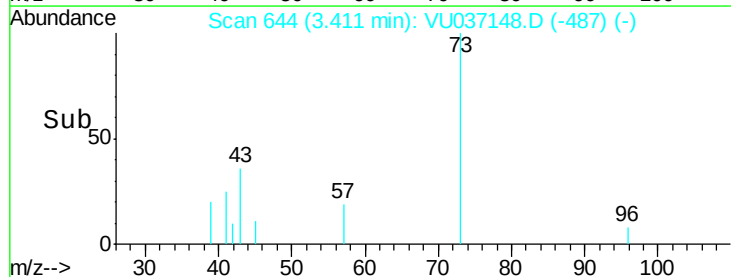
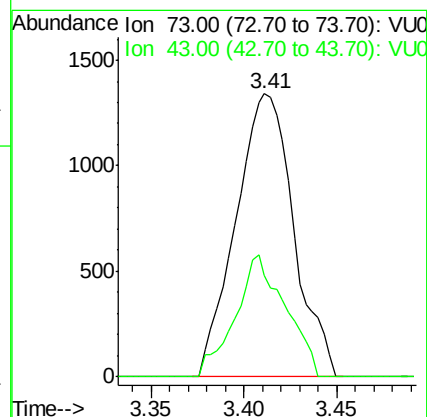
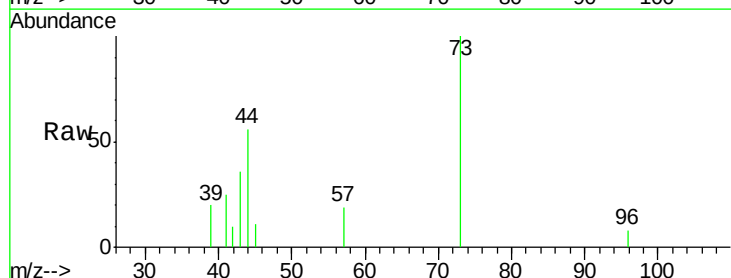
Tot Ion: 59 Resp: 1016
 Ion Ratio Lower Upper
 59 100
 57 51.5 8.4 12.6#

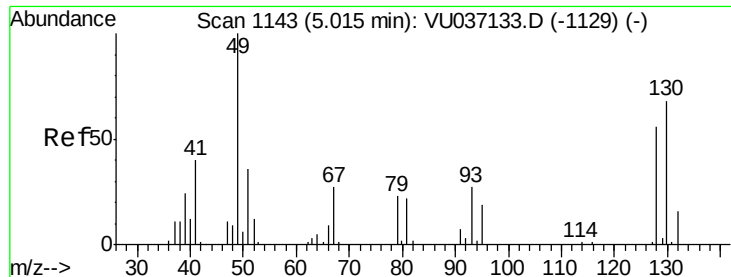


#25

Methyl tert-Butyl Ether
 Concen: 0.302 ug/l
 RT: 3.41 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion: 73 Resp: 2907
 Ion Ratio Lower Upper
 73 100
 43 37.4 14.5 21.7#

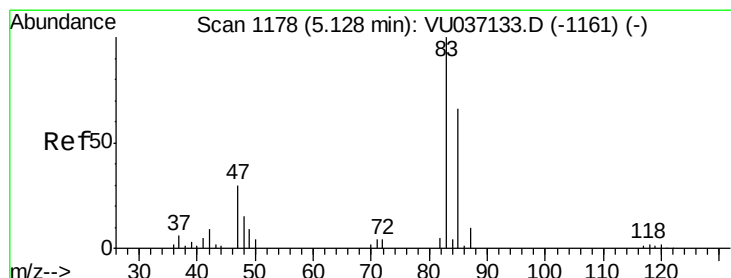
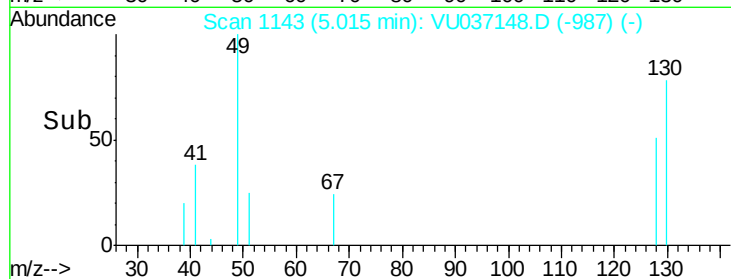
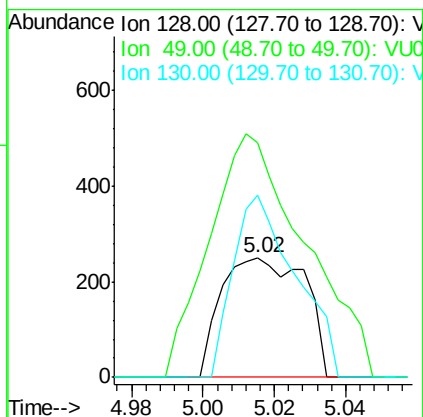
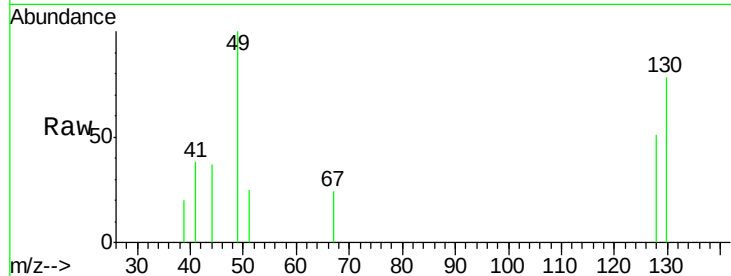




#26
Bromochloromethane
Concen: 0.212 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

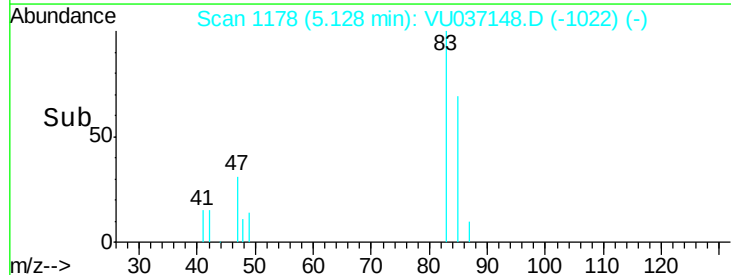
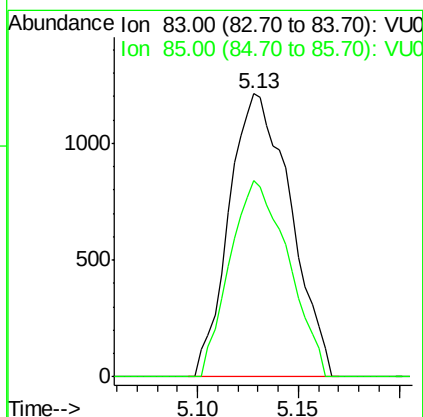
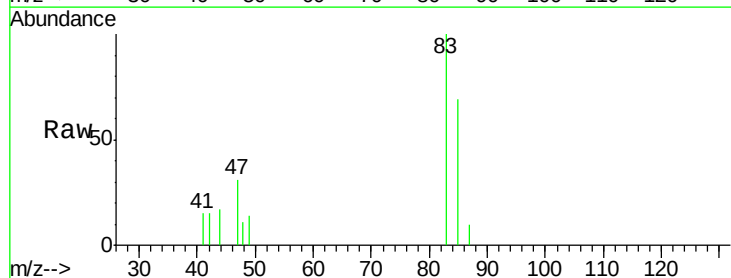
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

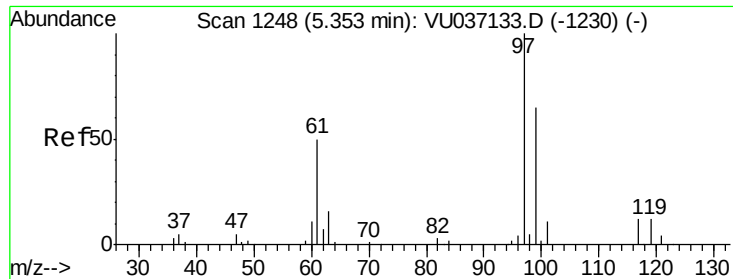
Tot Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
49 233.7 0.0 286.2
130 114.6 104.3 156.5



#27
Chloroform
Concen: 0.296 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Tgt Ion: 83 Resp: 2582
Ion Ratio Lower Upper
83 100
85 69.1 0.0 129.0

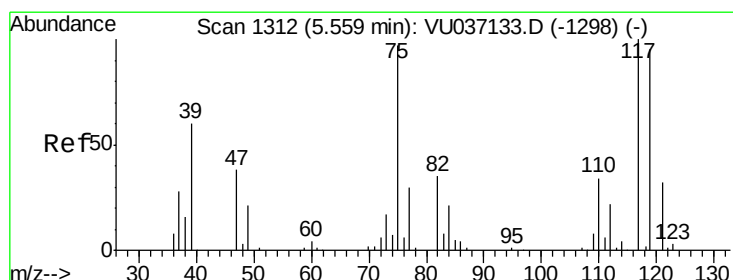
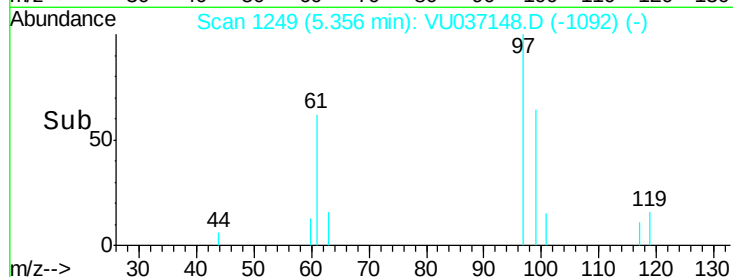
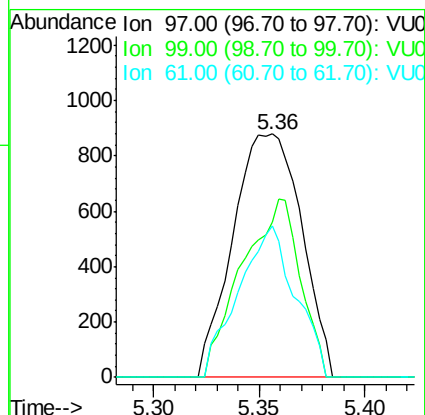
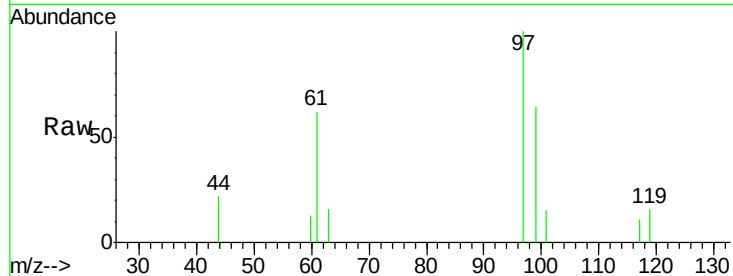




#28
 1,1,1-Trichloroethane
 Concen: 0.268 ug/l
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

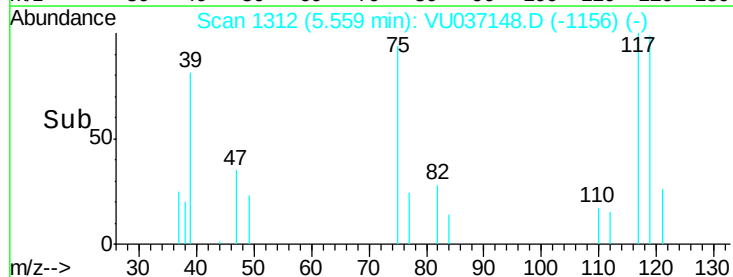
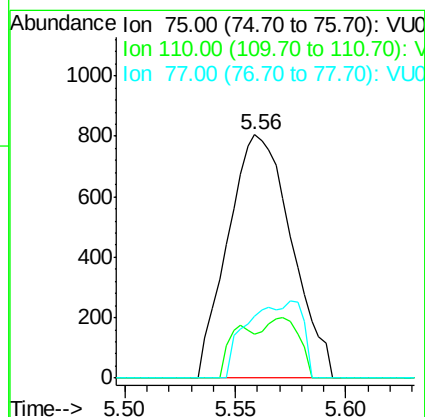
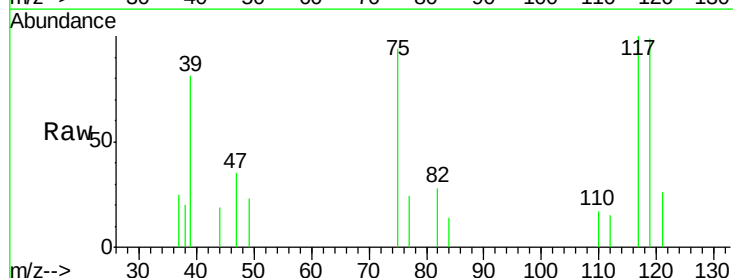
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

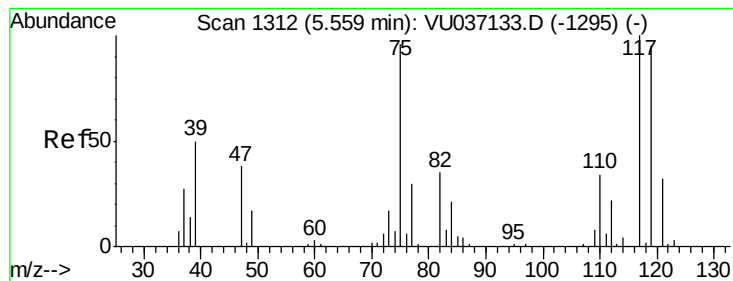
Tot Ion: 97 Resp: 1990
 Ion Ratio Lower Upper
 97 100
 99 62.1 32.1 96.3
 61 51.5 22.7 68.0



#29
 1,1-Dichloropropene
 Concen: 0.266 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion: 75 Resp: 1607
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.0 25.0 37.4#





#30

Carbon Tetrachloride

Concen: 0.264 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

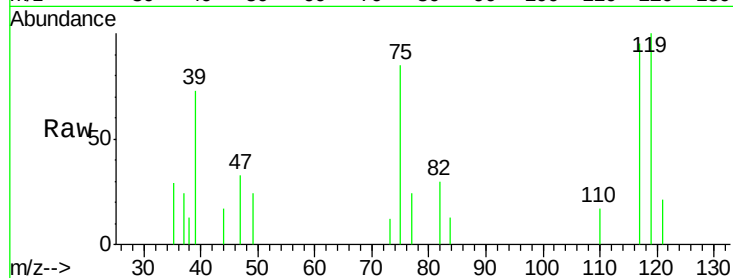
Tot Ion:117 Resp: 1717

Ion Ratio Lower Upper

117 100

119 105.5 77.0 115.6

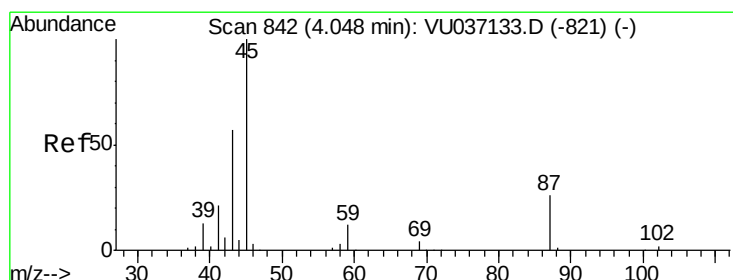
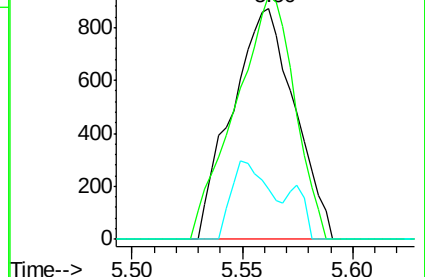
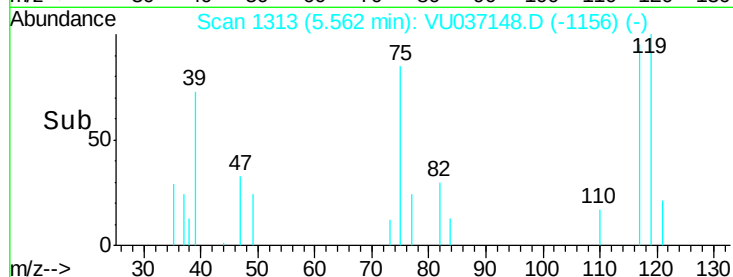
121 21.8 23.3 34.9#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#31

Isopropyl Ether

Concen: 0.255 ug/l

RT: 4.05 min Scan# 842

Delta R.T. 0.00 min

Lab File: VU037148.D

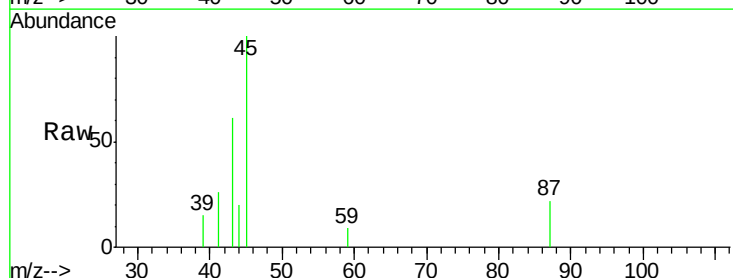
Acq: 10 Mar 2020 12:37

Tgt Ion: 45 Resp: 3303

Ion Ratio Lower Upper

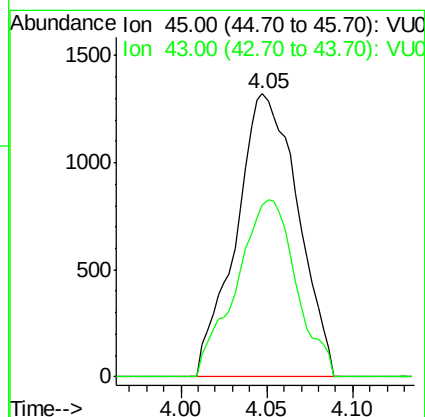
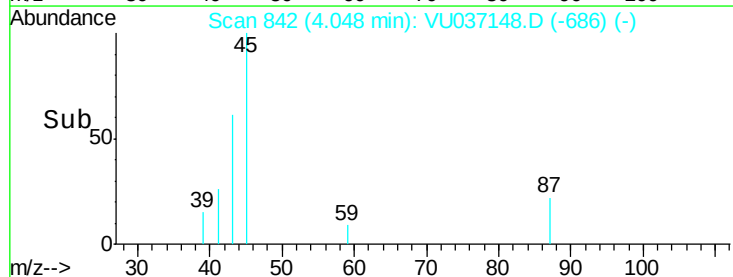
45 100

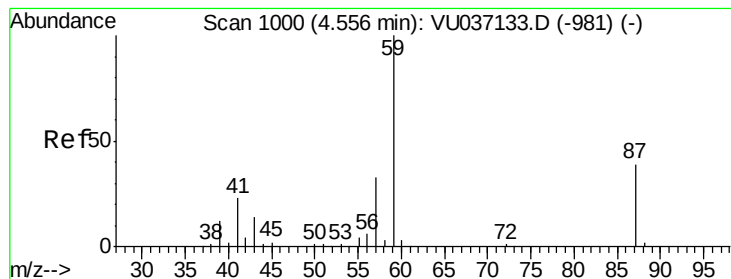
43 60.4 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0





#32

Ethyl-t-butyl ether

Concen: 0.247 ug/l

RT: 4.55 min Scan# 999

Delta R.T. -0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

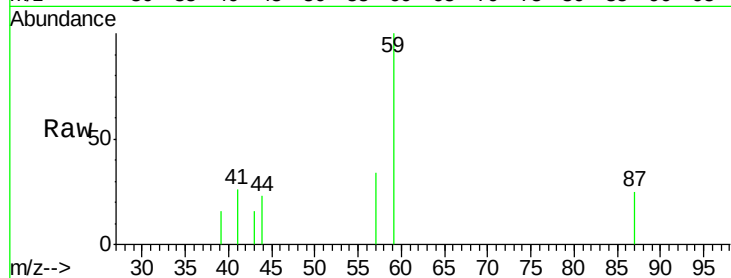
MDL-WATER-03-QT1-2020

Tot Ion: 59 Resp: 3020

Ion Ratio Lower Upper

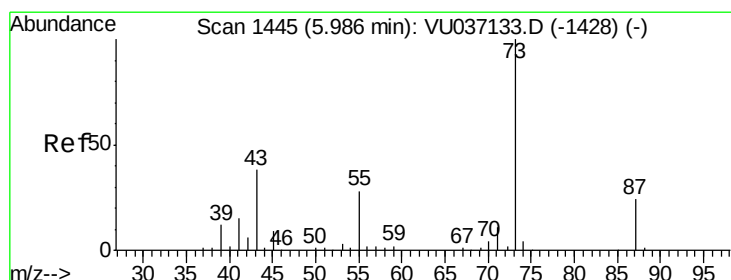
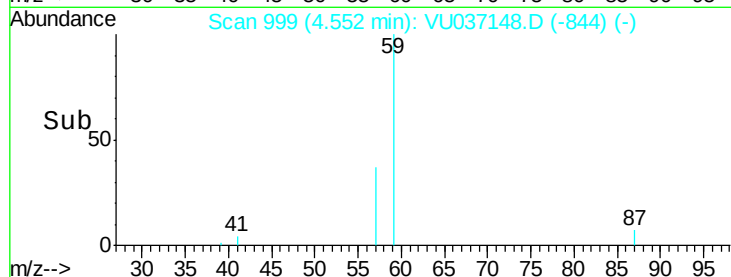
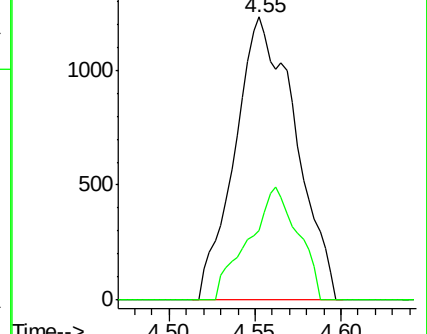
59 100

87 32.4 35.1 52.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#33

Tert-Amyl methyl ether

Concen: 0.201 ug/l

RT: 5.99 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

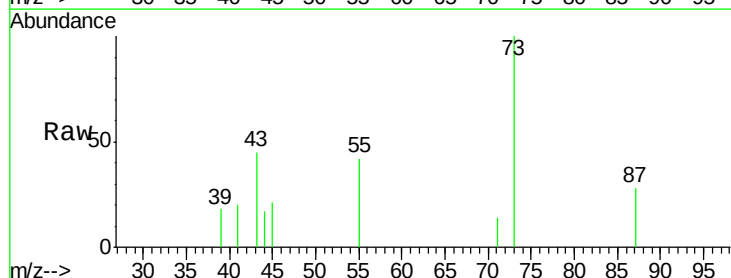
Tgt Ion: 73 Resp: 2109

Ion Ratio Lower Upper

73 100

87 25.7 19.8 29.6

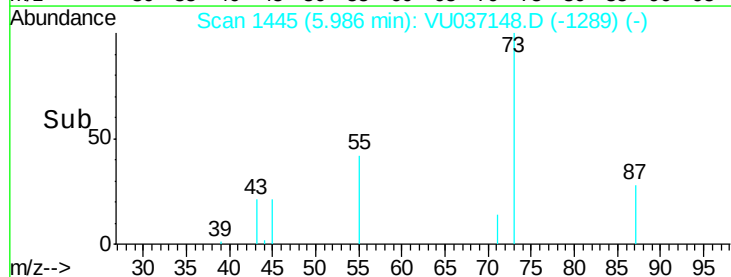
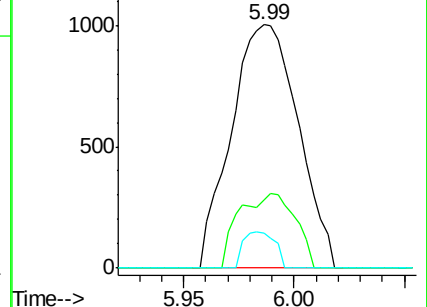
71 7.2 9.1 13.7#

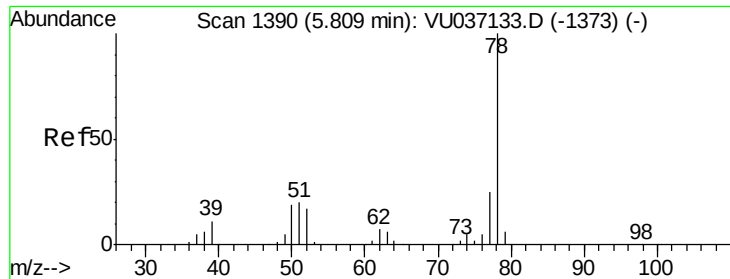


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0





#35

Benzene

Concen: 0.254 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

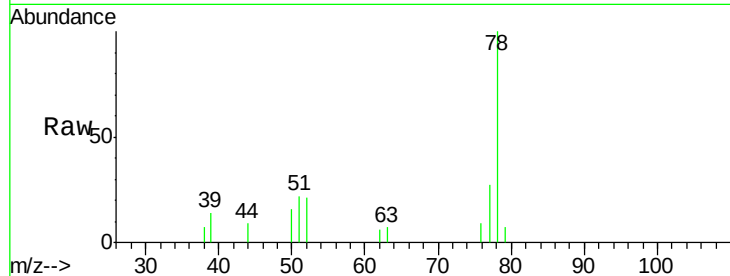
MDL-WATER-03-QT1-2020

Tot Ion: 78 Resp: 4368

Ion Ratio Lower Upper

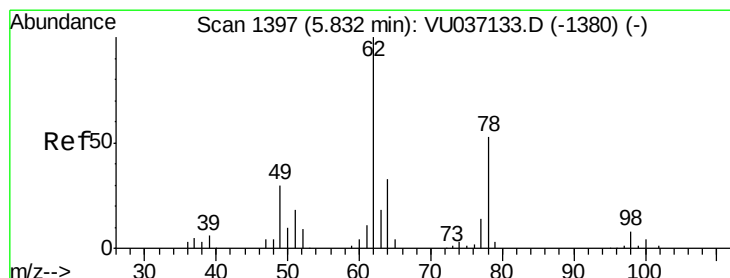
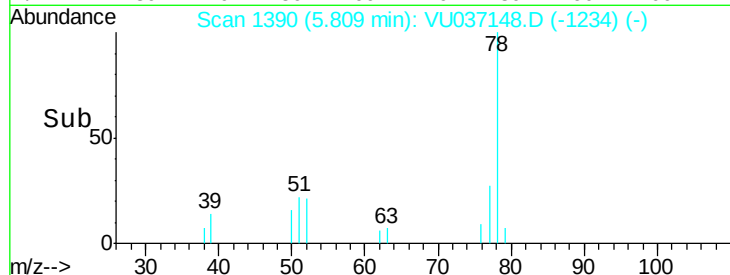
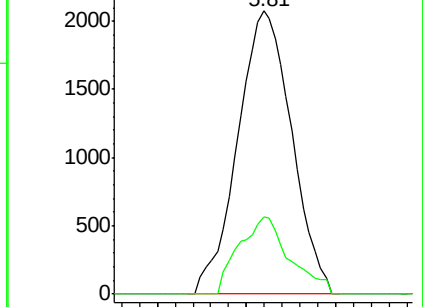
78 100

77 27.5 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037148.D (-1234) (-)

Ion 77.00 (76.70 to 77.70): VU037148.D (-1234) (-)



#36

1,2-Dichloroethane

Concen: 0.256 ug/l

RT: 5.84 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VU037148.D

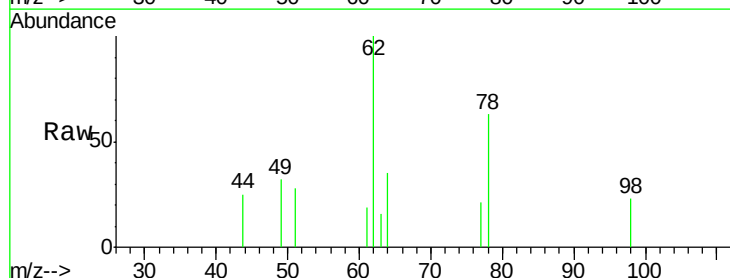
Acq: 10 Mar 2020 12:37

Tgt Ion: 62 Resp: 1592

Ion Ratio Lower Upper

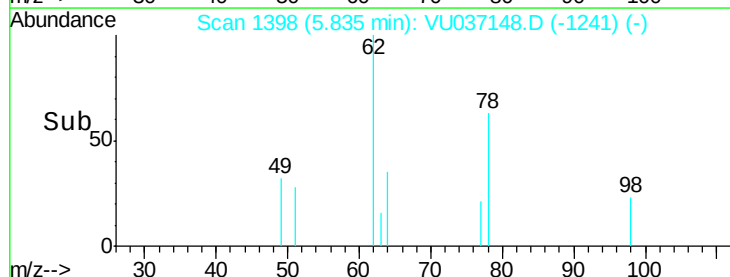
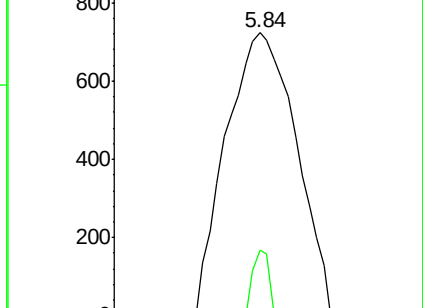
62 100

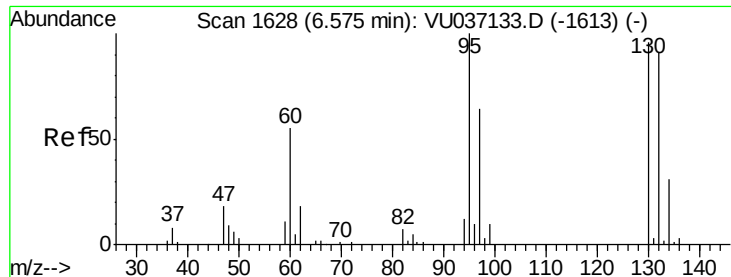
98 5.3 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037148.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU037148.D (-1241) (-)

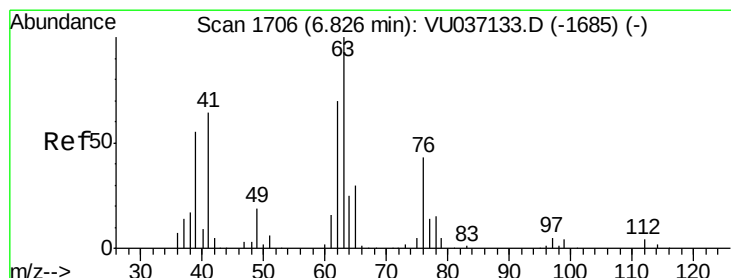
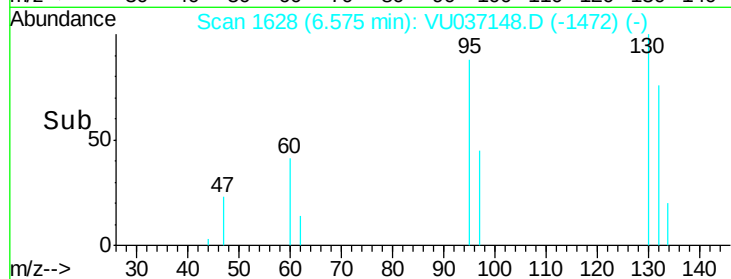
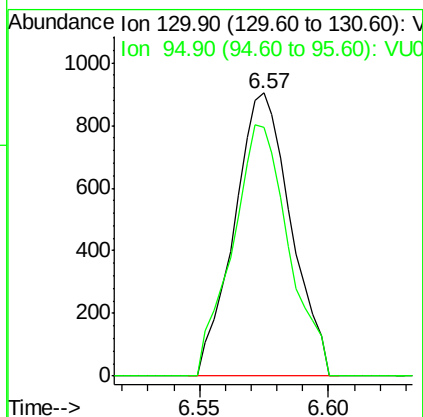
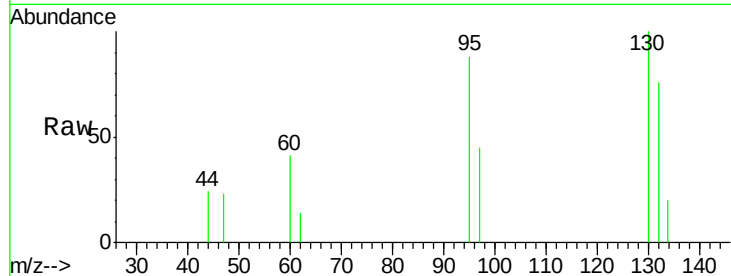




#37
 Trichloroethene
 Concen: 0.306 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

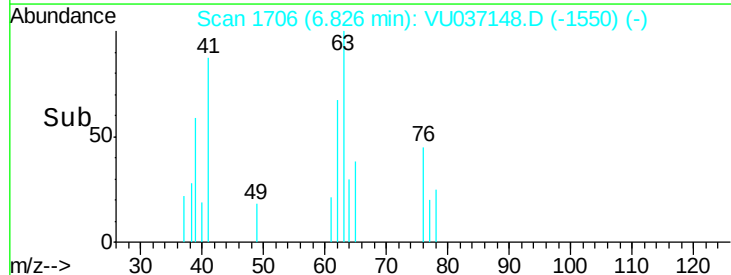
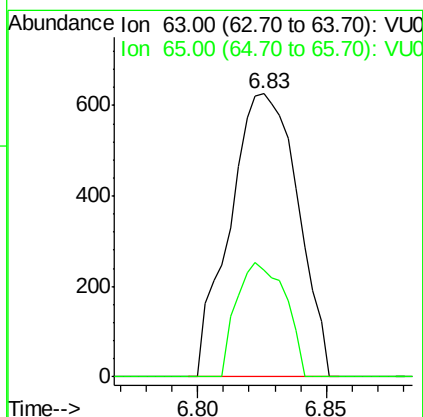
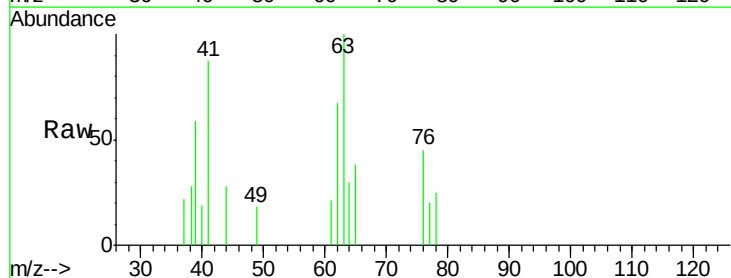
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

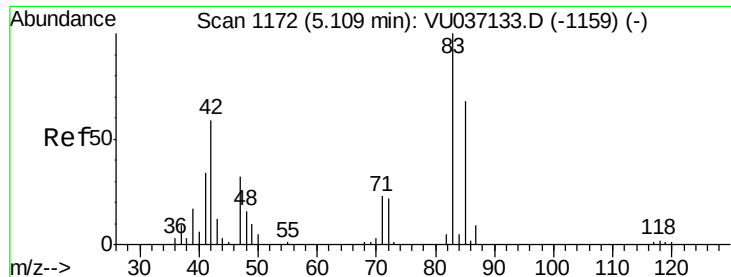
Tot Ion:130 Resp: 1379
 Ion Ratio Lower Upper
 130 100
 95 88.2 77.0 115.4



#38
 1,2-Dichloropropane
 Concen: 0.244 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion: 63 Resp: 1151
 Ion Ratio Lower Upper
 63 100
 65 37.5 24.7 37.1#





#41

Tetrahydrofuran

Concen: 0.397 ug/l

RT: 5.12 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

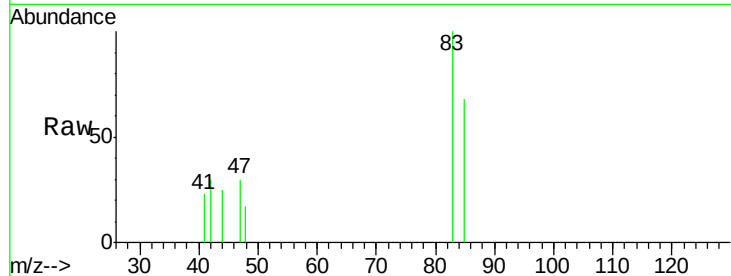
Tot Ion: 42 Resp: 332

Ion Ratio Lower Upper

42 100

72 0.0 42.5 63.7#

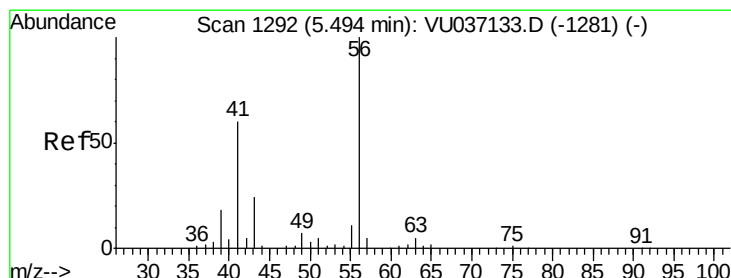
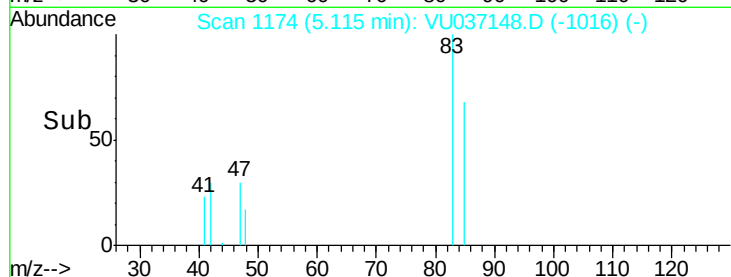
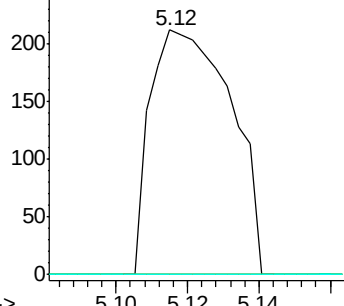
71 0.0 37.3 55.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.259 ug/l

RT: 5.50 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VU037148.D

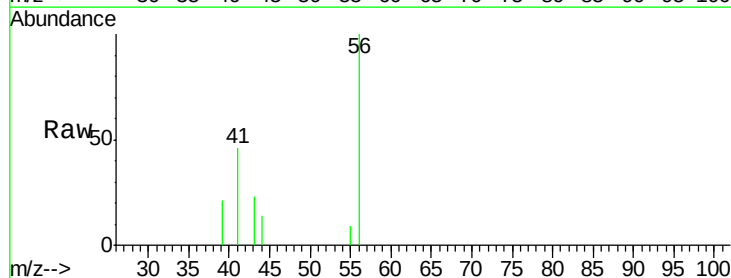
Acq: 10 Mar 2020 12:37

Tgt Ion: 56 Resp: 2252

Ion Ratio Lower Upper

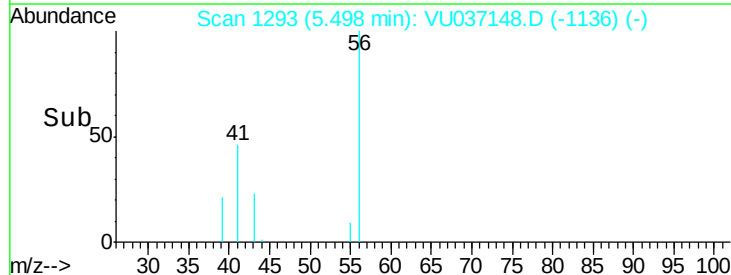
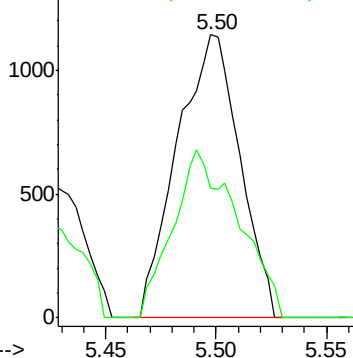
56 100

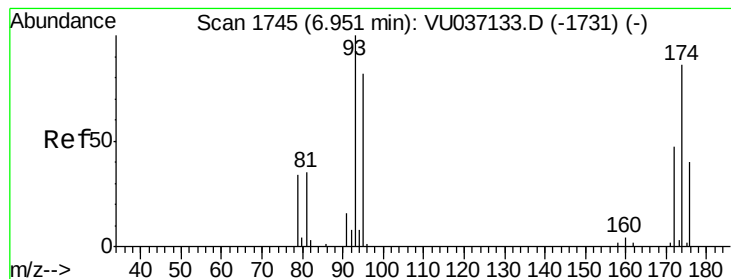
41 62.0 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.249 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

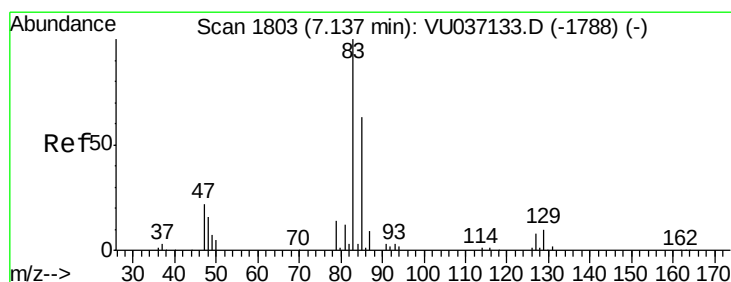
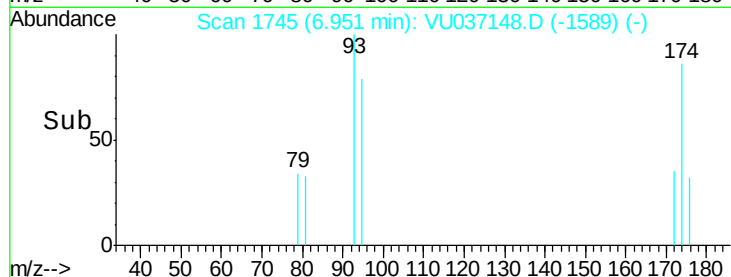
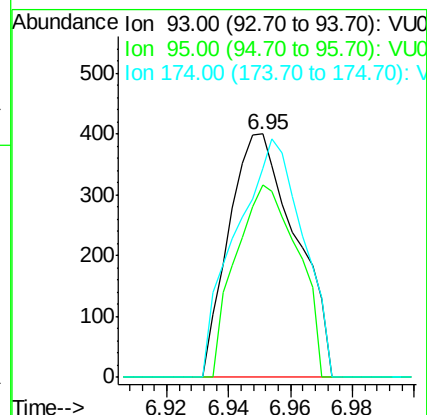
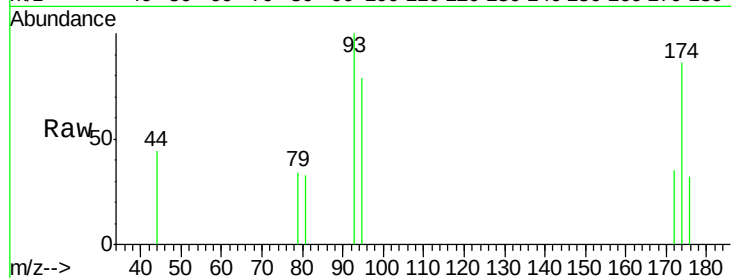
Tot Ion: 93 Resp: 601

Ion Ratio Lower Upper

93 100

95 73.2 67.9 101.9

174 98.2 83.4 125.0



#44

Bromodichloromethane

Concen: 0.235 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

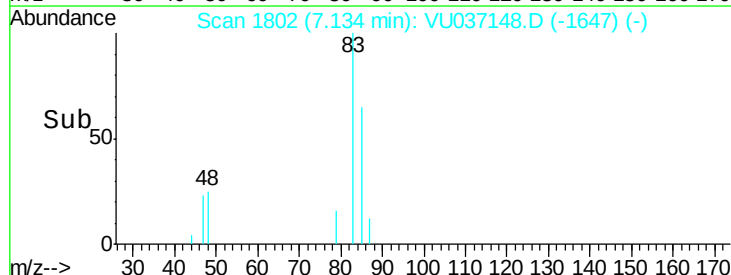
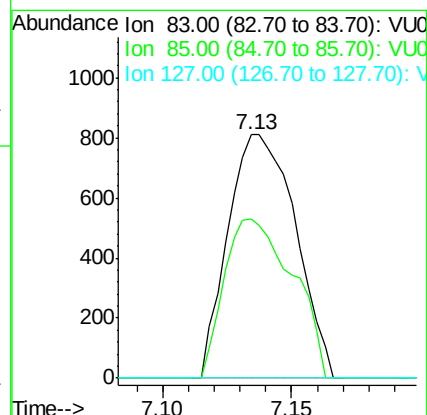
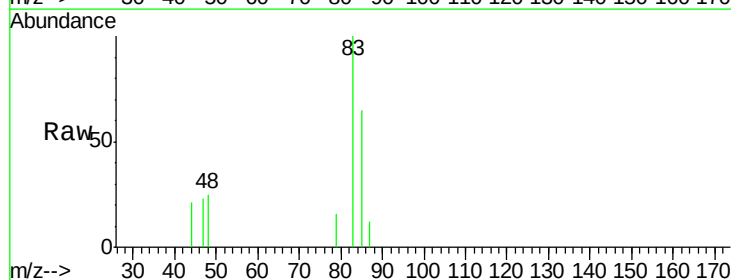
Tgt Ion: 83 Resp: 1475

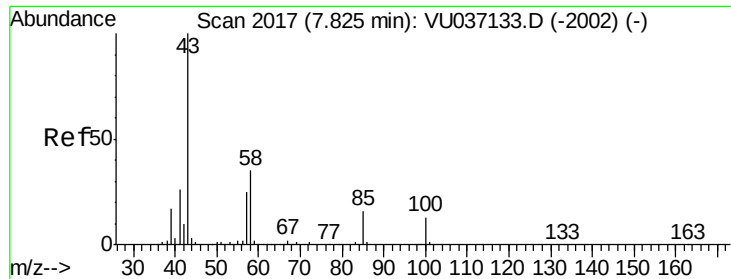
Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

127 0.0 6.8 10.2#





#45

4-Methyl-2-Pentanone

Concen: 1.167 ug/l

RT: 7.83 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

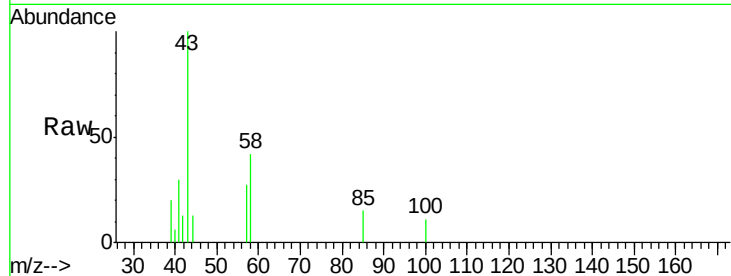
Tot Ion: 43 Resp: 3779

Ion Ratio Lower Upper

43 100

58 33.8 22.1 66.1

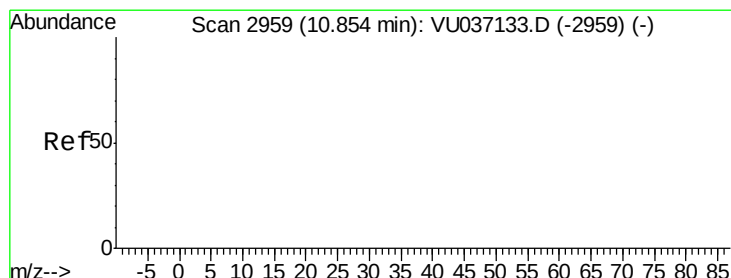
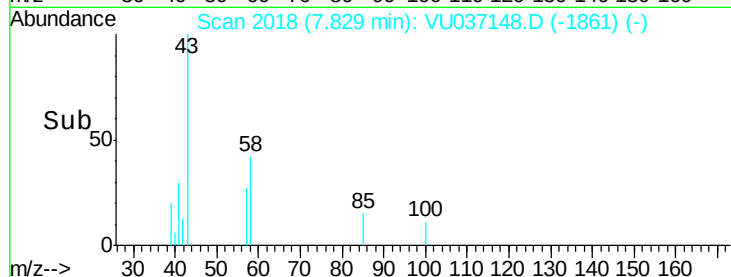
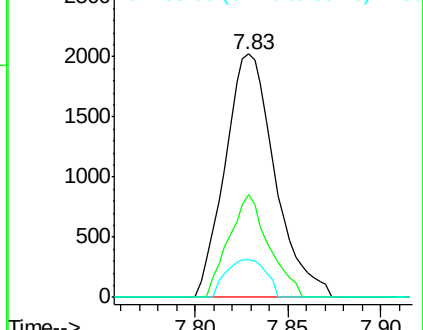
85 12.3 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2002) (-)

Ion 58.00 (57.70 to 58.70): VU037133.D (-2002) (-)

Ion 85.00 (84.70 to 85.70): VU037133.D (-2002) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 0.539 ug/l m

RT: 10.85 min Scan# 2959

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Tgt Ion: 75 Resp: 478

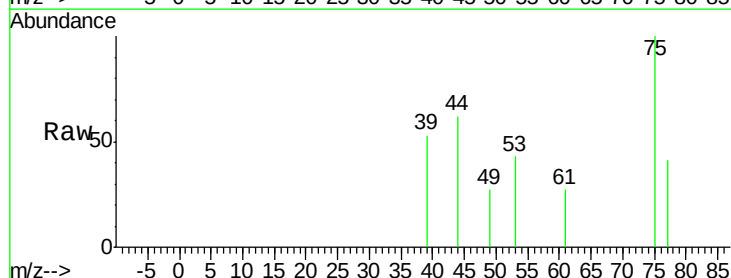
Ion Ratio Lower Upper

75 100

53 64.6 52.2 78.2

89 8.6 39.8 59.6#

88 0.0 27.4 41.2#

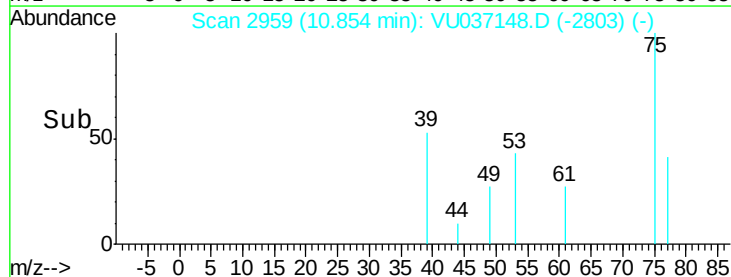
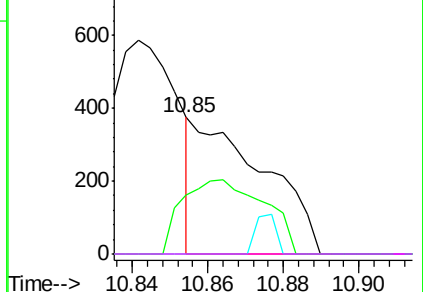


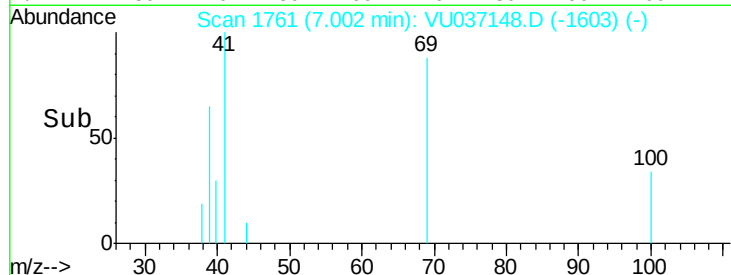
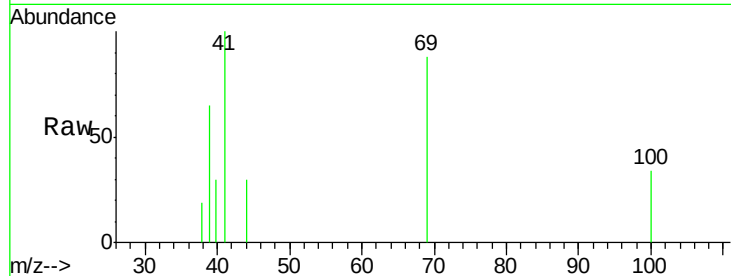
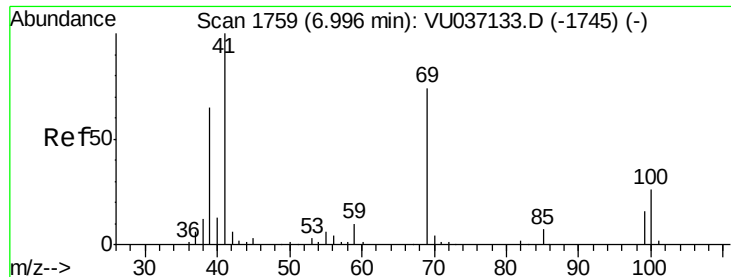
Abundance Ion 74.90 (74.60 to 75.60): VU037133.D (-2959) (-)

Ion 53.00 (52.70 to 53.70): VU037133.D (-2959) (-)

Ion 88.80 (88.50 to 89.50): VU037133.D (-2959) (-)

Ion 87.80 (87.50 to 88.50): VU037133.D (-2959) (-)





#47

Methyl methacrylate

Concen: 0.440 ug/l

RT: 7.00 min Scan# 1761

Delta R.T. 0.01 min

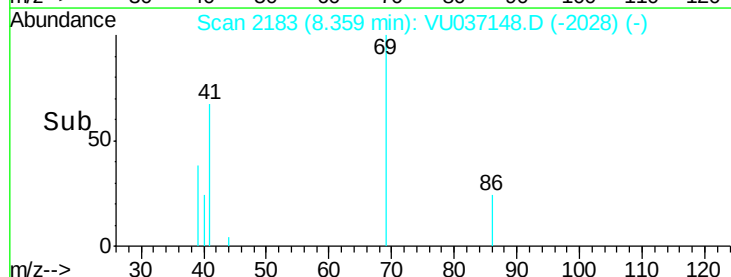
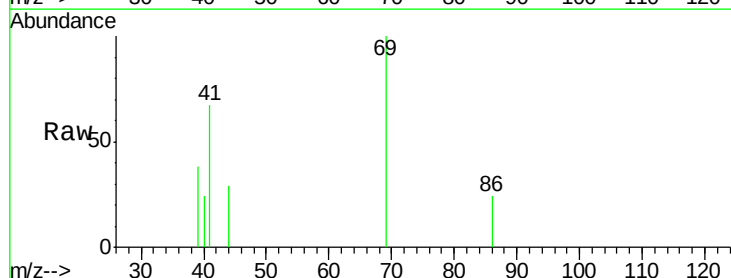
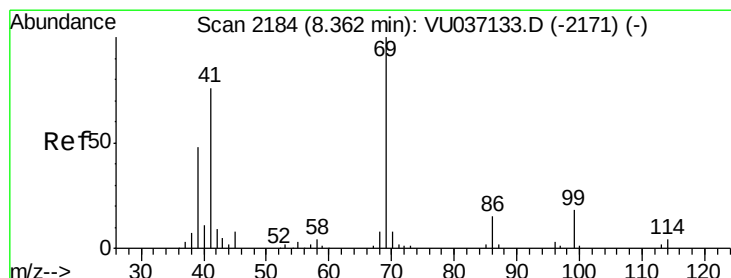
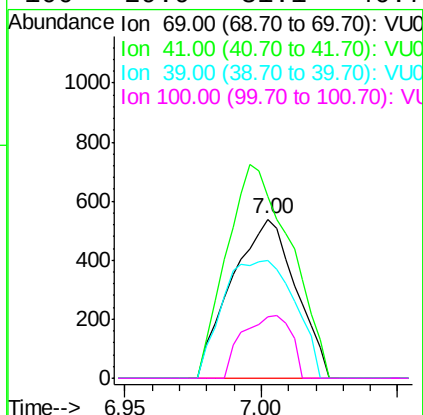
Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion: 69 Resp: 879

Ion	Ratio	Lower	Upper
69	100		
41	134.1	0.0	200.8
39	83.0	43.5	65.3#
100	29.9	31.1	46.7#



#48

Ethyl methacrylate

Concen: 0.201 ug/l

RT: 8.36 min Scan# 2183

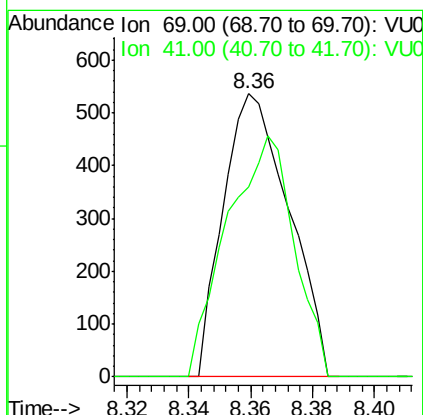
Delta R.T. -0.00 min

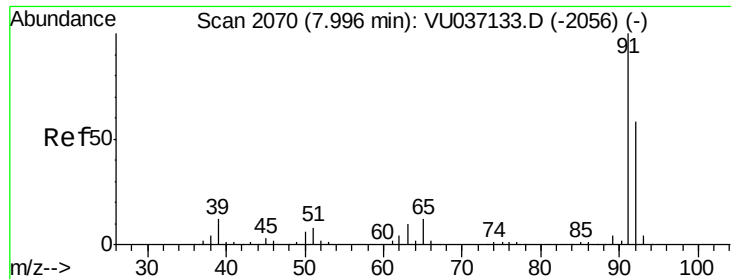
Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Tgt Ion: 69 Resp: 793

Ion	Ratio	Lower	Upper
69	100		
41	86.9	27.9	83.6#





#49

Toluene

Concen: 0.225 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

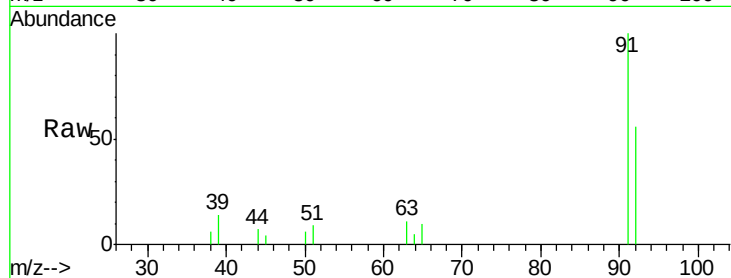
MDL-WATER-03-QT1-2020

Tot Ion: 92 Resp: 2332

Ion Ratio Lower Upper

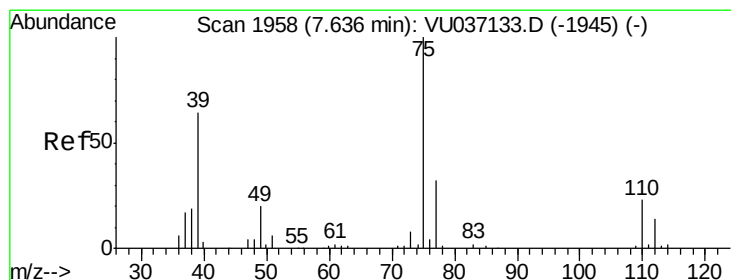
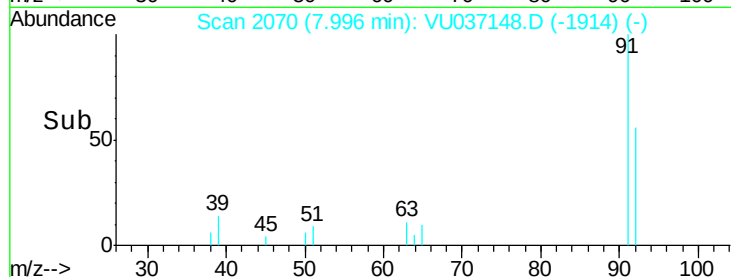
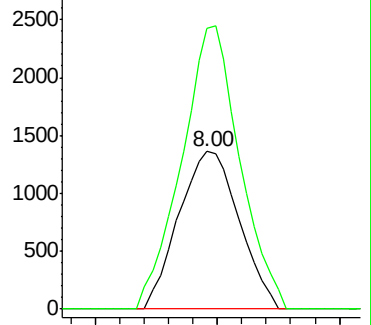
92 100

91 172.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037133.D (-2056) (-)

Ion 91.00 (90.70 to 91.70): VU037133.D (-2056) (-)



#51

cis-1,3-Dichloropropene

Concen: 0.216 ug/l

RT: 7.64 min Scan# 1959

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

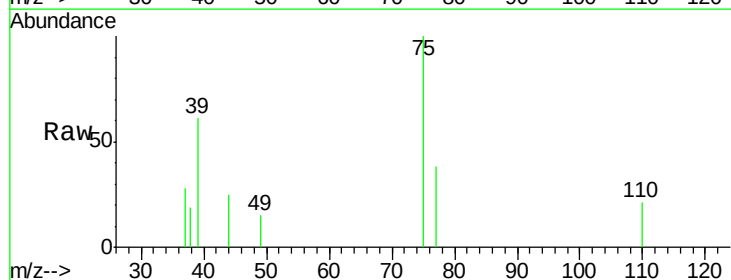
Tgt Ion: 75 Resp: 1395

Ion Ratio Lower Upper

75 100

77 38.4 25.3 37.9#

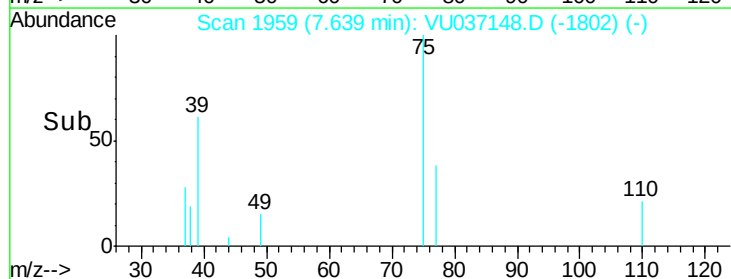
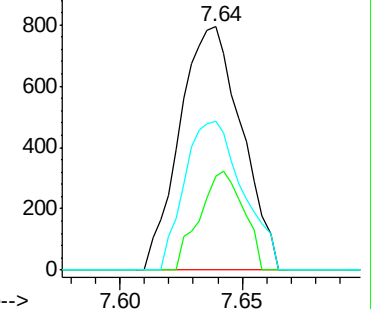
39 61.3 31.8 47.6#

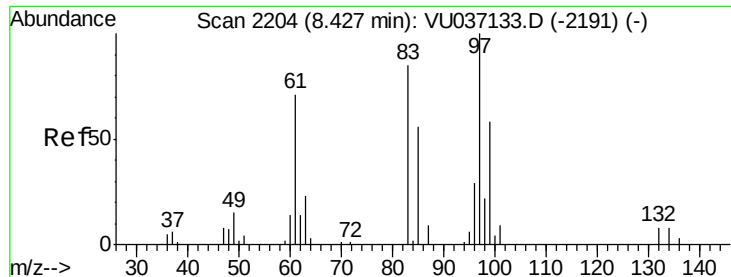


Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-1945) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-1945) (-)

Ion 39.00 (38.70 to 39.70): VU037133.D (-1945) (-)

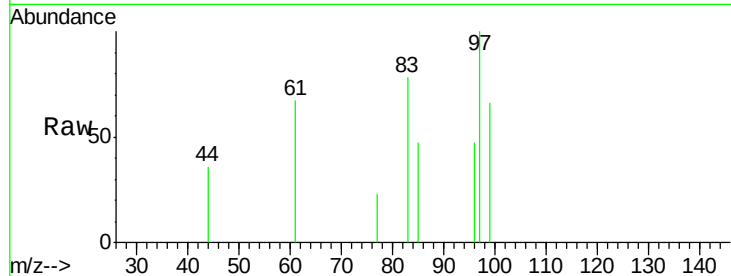




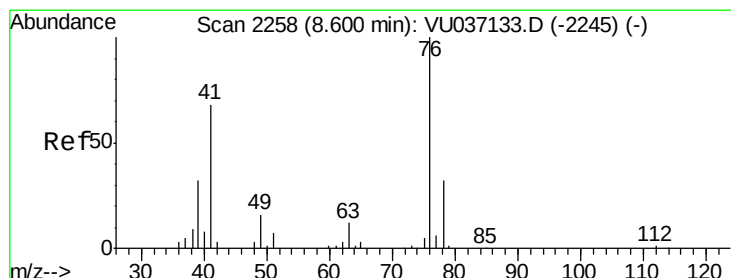
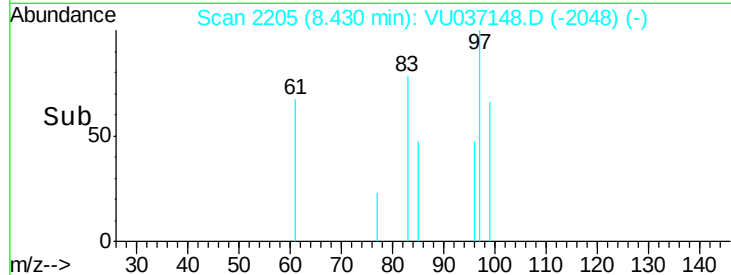
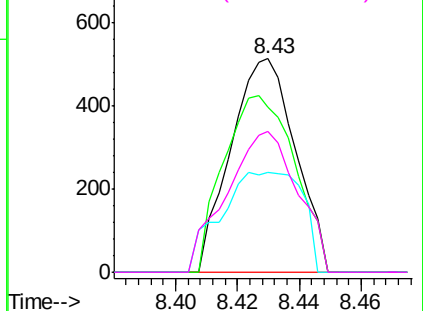
#52
 1,1,2-Trichloroethane
 Concen: 0.231 ug/l
 RT: 8.43 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion: 97 Resp: 744
 Ion Ratio Lower Upper
 97 100
 83 77.6 70.9 106.3
 85 47.0 45.6 68.4
 99 65.9 51.0 76.4

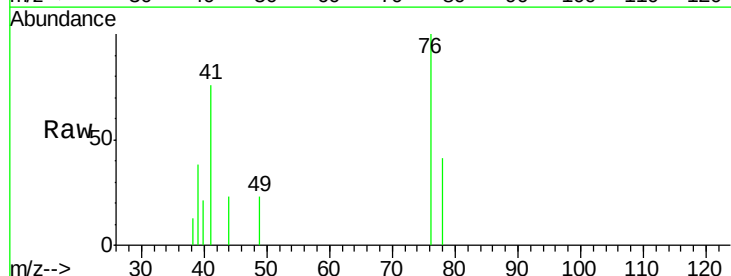


Abundance Ion 97.00 (96.70 to 97.70): VU037148.D (-2048) (-)
 Ion 82.95 (82.65 to 83.65): VU037148.D (-2048) (-)
 Ion 84.95 (84.65 to 85.65): VU037148.D (-2048) (-)
 Ion 98.95 (98.65 to 99.65): VU037148.D (-2048) (-)

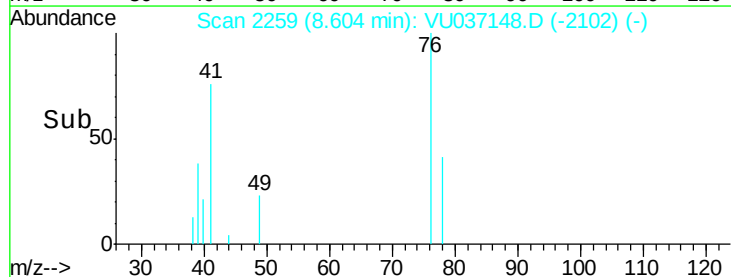
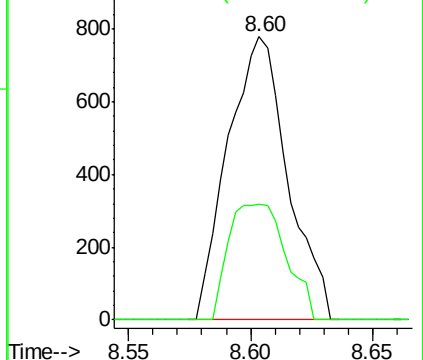


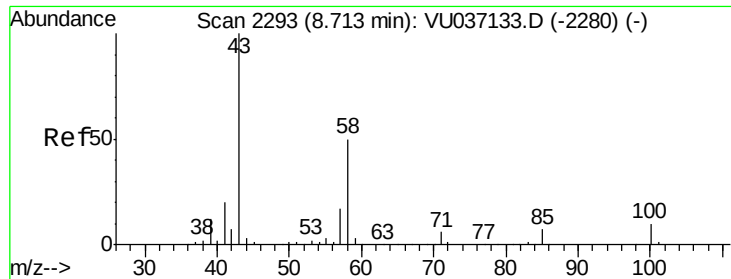
#53
 1,3-Dichloropropane
 Concen: 0.232 ug/l
 RT: 8.60 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion: 76 Resp: 1326
 Ion Ratio Lower Upper
 76 100
 78 39.4 25.4 38.2#



Abundance Ion 76.00 (75.70 to 76.70): VU037148.D (-2102) (-)
 Ion 78.00 (77.70 to 78.70): VU037148.D (-2102) (-)

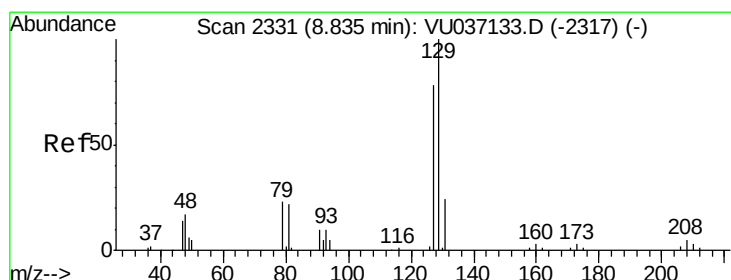
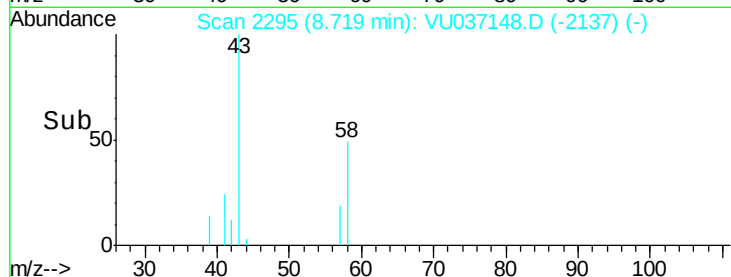
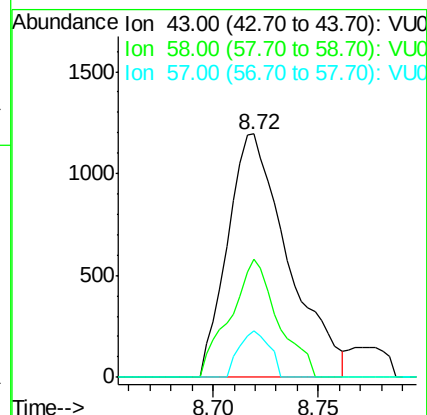
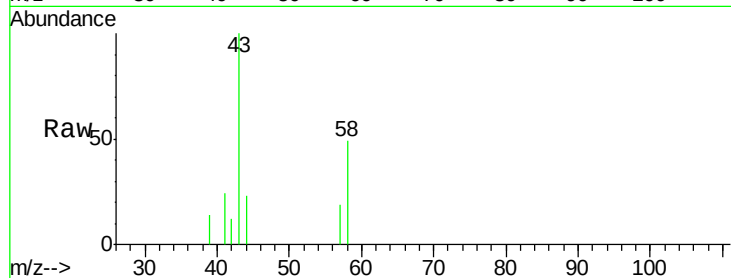




#54
 2-Hexanone
 Concen: 1.060 ug/l
 RT: 8.72 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

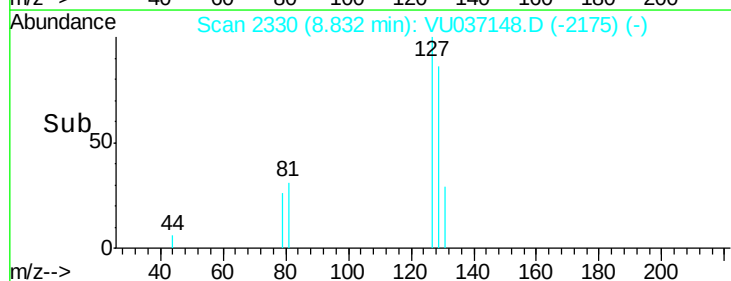
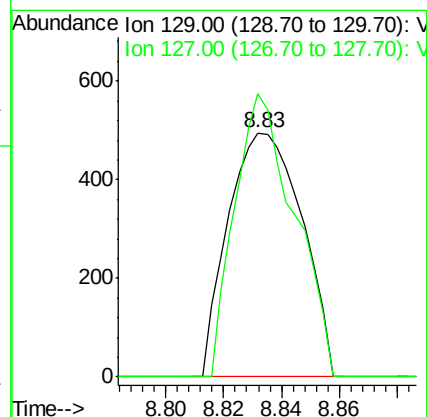
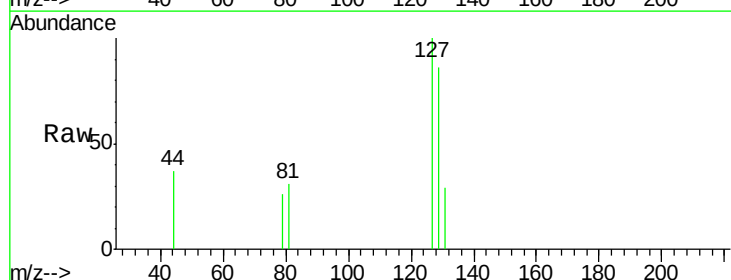
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

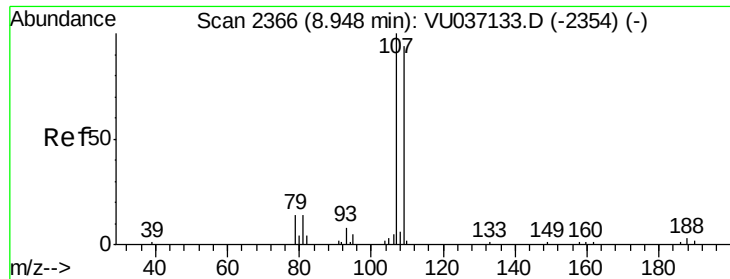
Tot Ion:	43	Resp:	2365
Ion	Ratio	Lower	Upper
43	100		
58	38.5	40.6	80.6#
57	9.6	1.2	41.2



#55
 Dibromochloromethane
 Concen: 0.219 ug/l
 RT: 8.83 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion:	129	Resp:	873
Ion	Ratio	Lower	Upper
129	100		
127	93.9	62.6	94.0

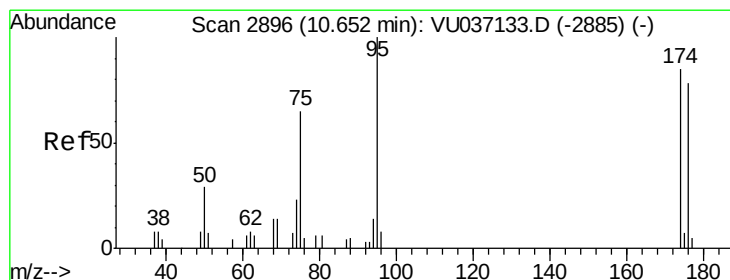
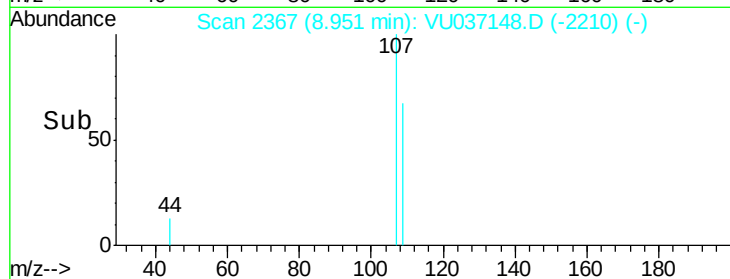
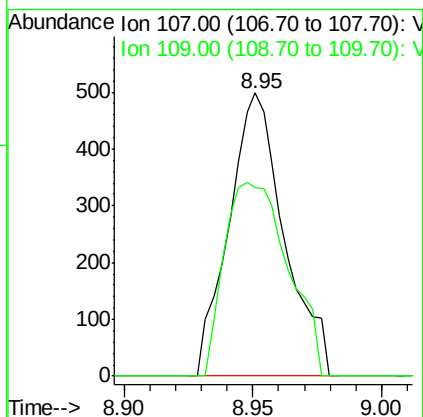
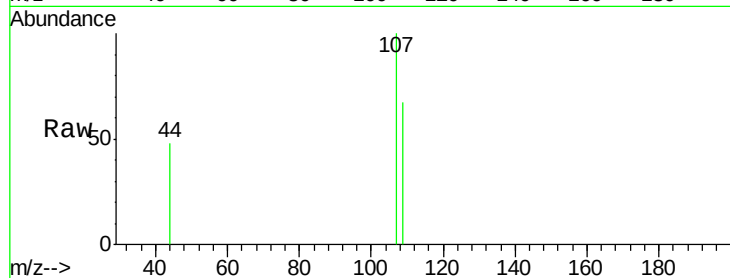




#56
 1,2-Dibromoethane
 Concen: 0.245 ug/l
 RT: 8.95 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

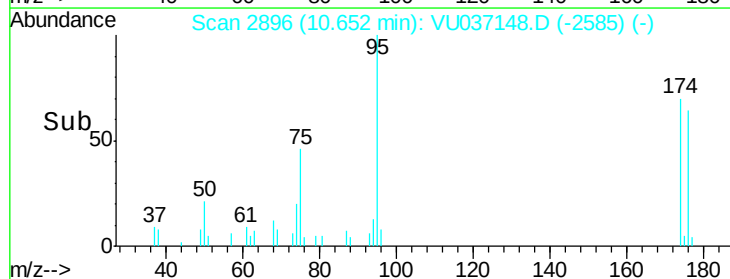
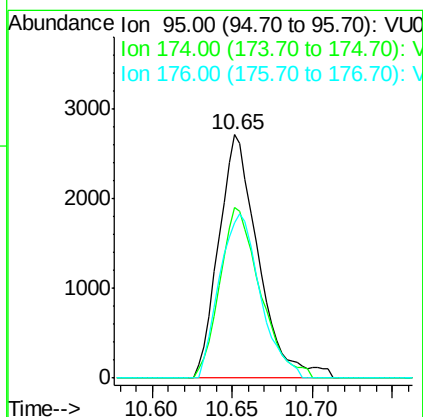
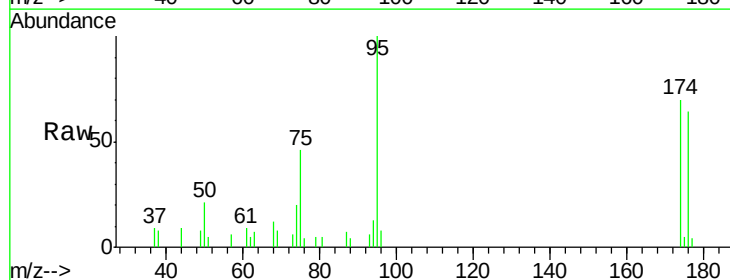
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

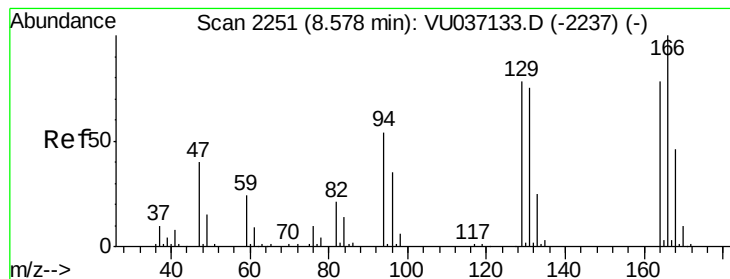
Tot Ion:107 Resp: 748
 Ion Ratio Lower Upper
 107 100
 109 78.7 0.0 190.8



#57
 4-Bromofluorobenzene
 Concen: 0.834 ug/l
 RT: 10.65 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion: 95 Resp: 4590
 Ion Ratio Lower Upper
 95 100
 174 71.7 64.7 97.1
 176 69.3 60.6 91.0





#58

Tetrachloroethene

Concen: 0.261 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:164 Resp: 1103

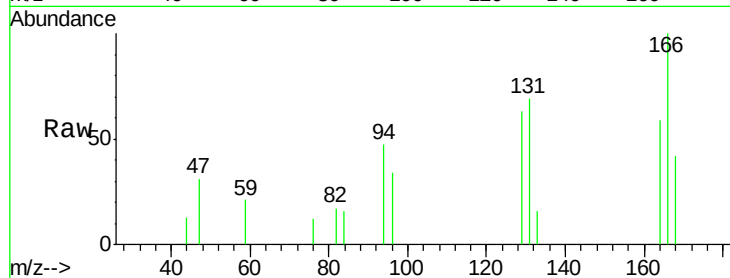
Ion Ratio Lower Upper

164 100

166 170.2 102.0 153.0#

129 107.9 74.9 112.3

131 117.3 72.6 108.8#

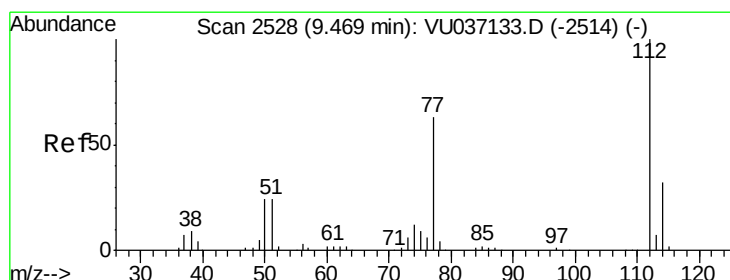
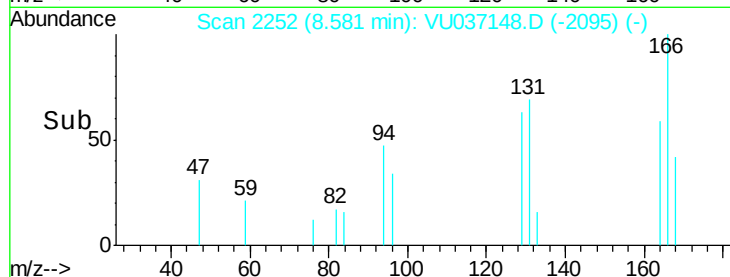
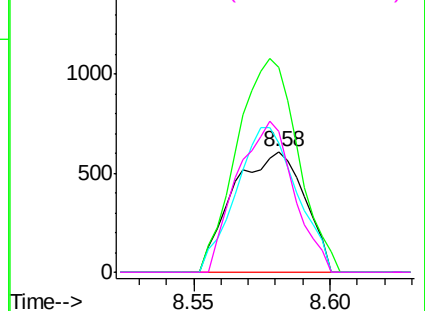


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 0.258 ug/l

RT: 9.47 min Scan# 2529

Delta R.T. 0.00 min

Lab File: VU037148.D

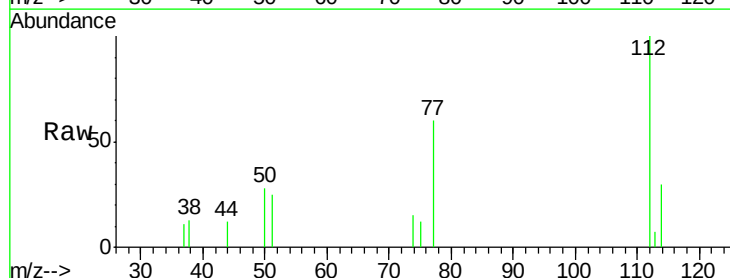
Acq: 10 Mar 2020 12:37

Tgt Ion:112 Resp: 2985

Ion Ratio Lower Upper

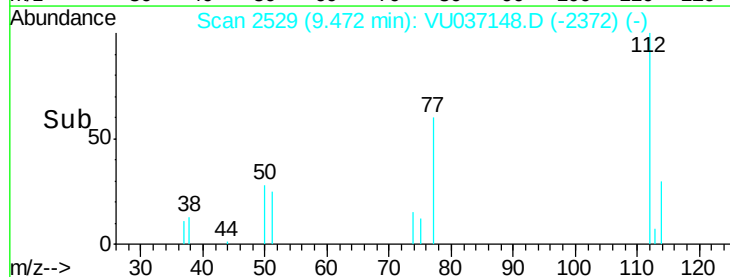
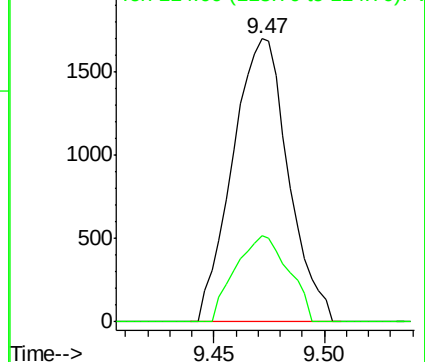
112 100

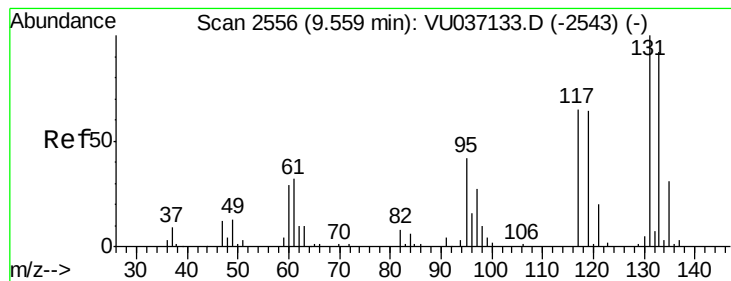
114 30.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#60

1,1,1,2-Tetrachloroethane

Concen: 0.236 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

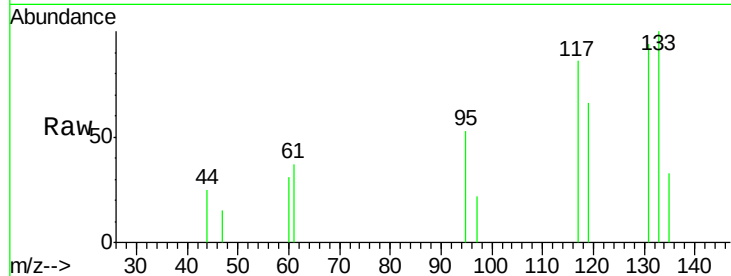
Tot Ion:131 Resp: 998

Ion Ratio Lower Upper

131 100

133 105.9 76.4 114.6

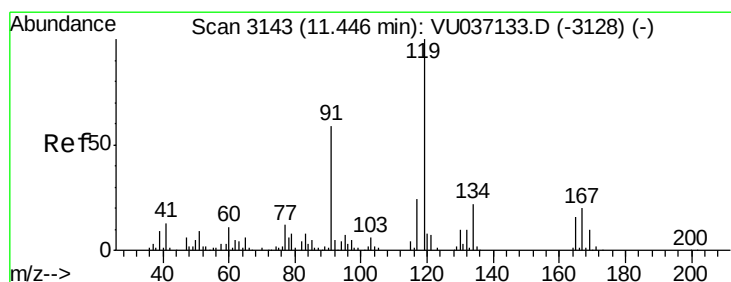
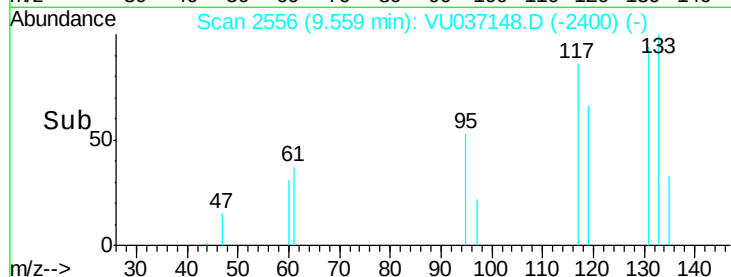
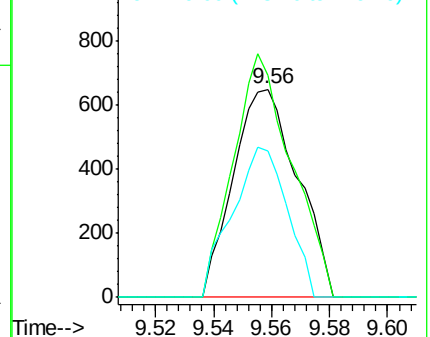
119 62.0 56.6 85.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 0.245 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU037148.D

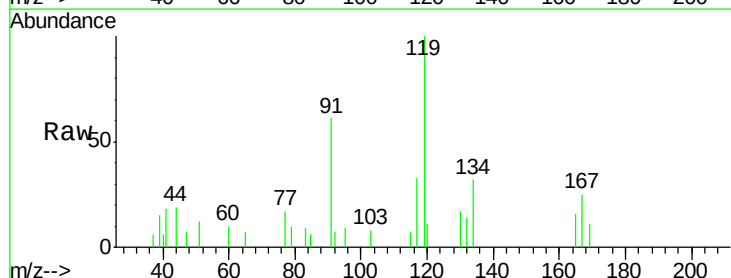
Acq: 10 Mar 2020 12:37

Tgt Ion:117 Resp: 793

Ion Ratio Lower Upper

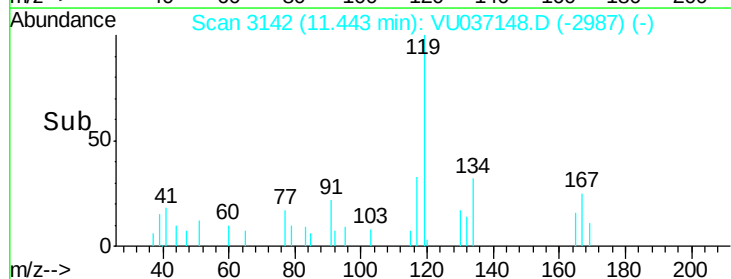
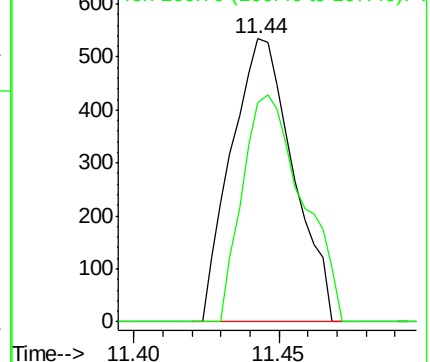
117 100

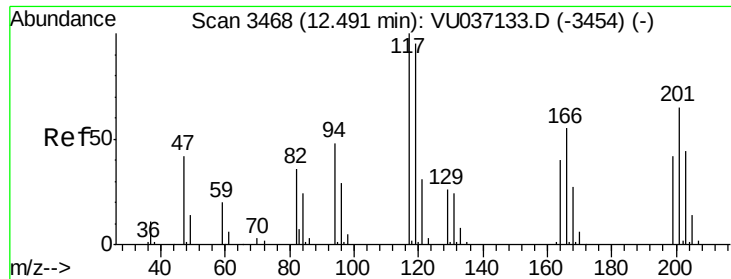
167 77.9 66.7 100.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.236 ug/l

RT: 12.49 min Scan# 3469

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

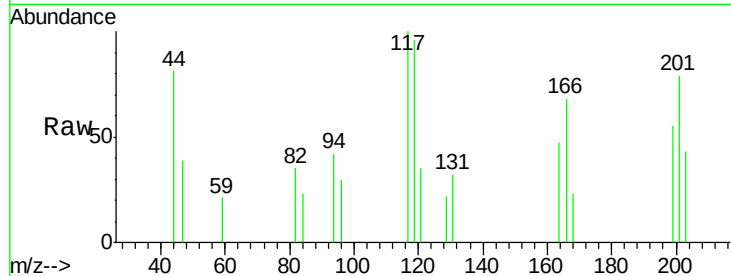
MDL-WATER-03-QT1-2020

Tot Ion: 117 Resp: 815

Ion Ratio Lower Upper

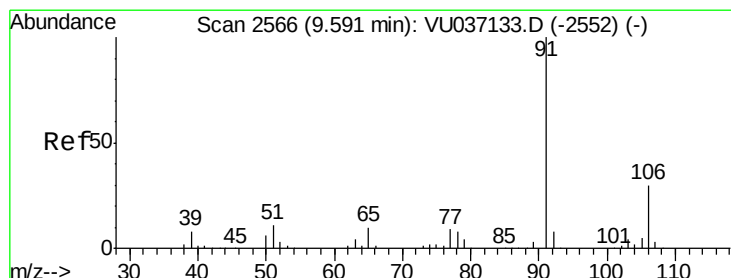
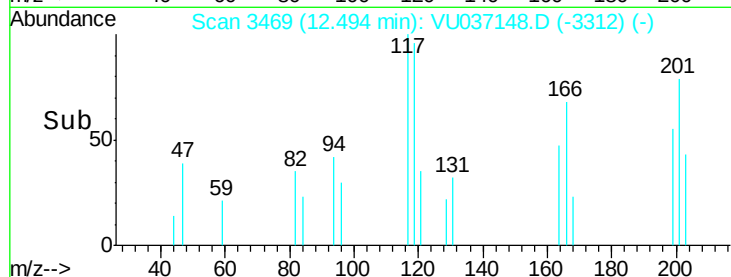
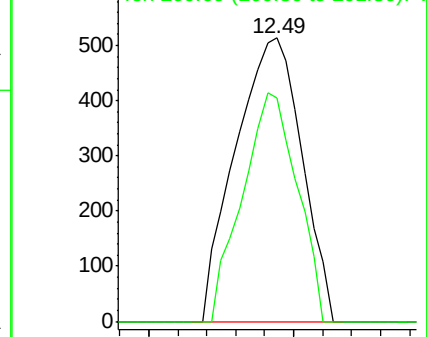
117 100

201 66.5 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 0.202 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037148.D

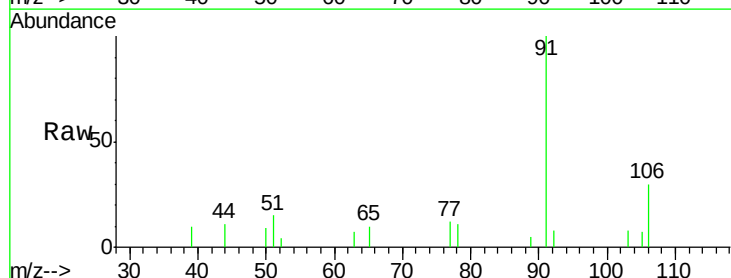
Acq: 10 Mar 2020 12:37

Tgt Ion: 91 Resp: 3991

Ion Ratio Lower Upper

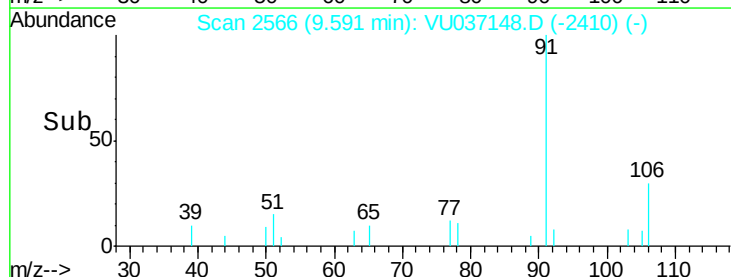
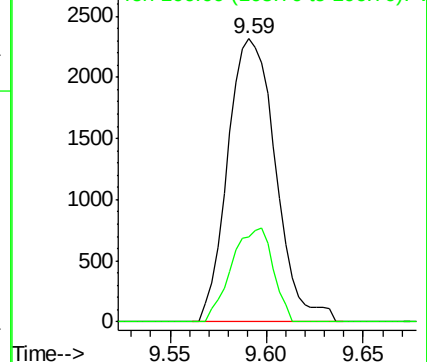
91 100

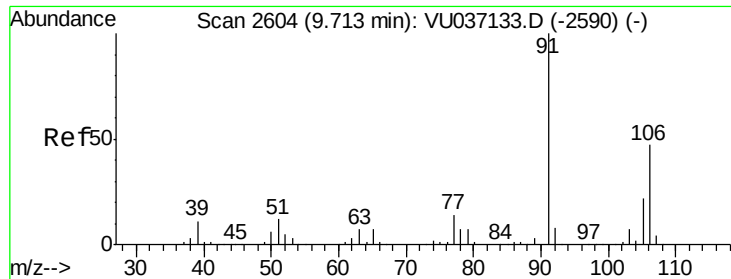
106 30.1 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

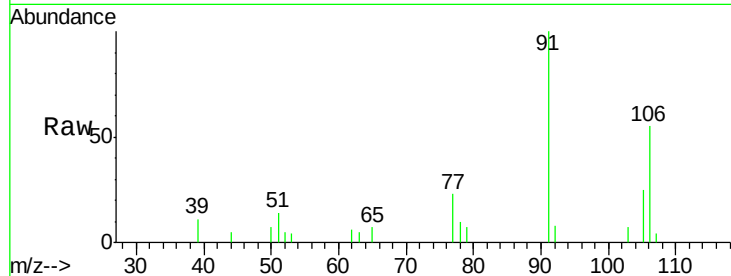




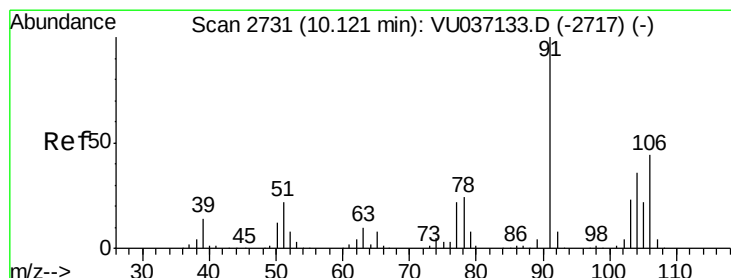
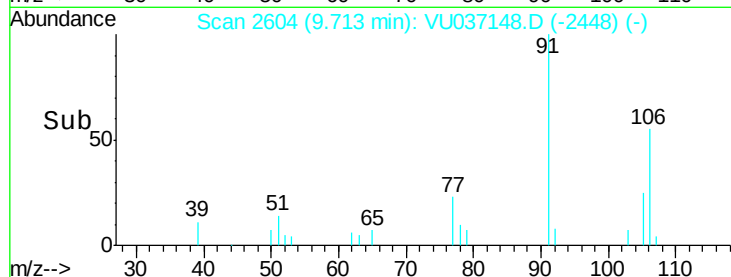
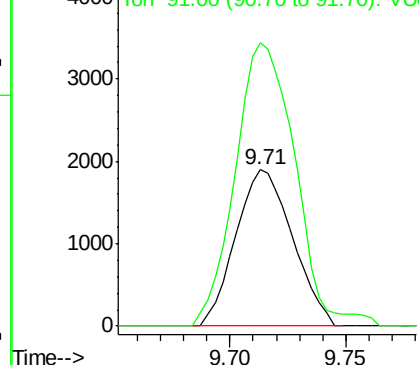
#64
m/p-Xylenes
Concen: 0.432 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:106 Resp: 3230
Ion Ratio Lower Upper
106 100
91 190.6 158.2 237.4

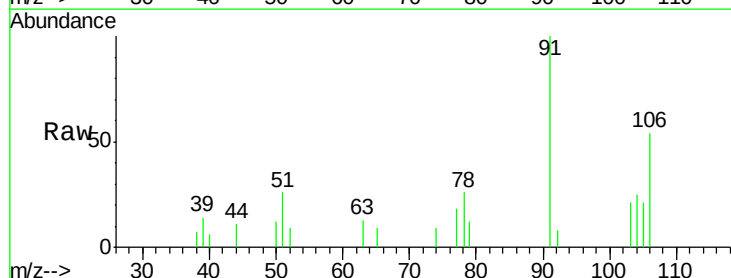


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

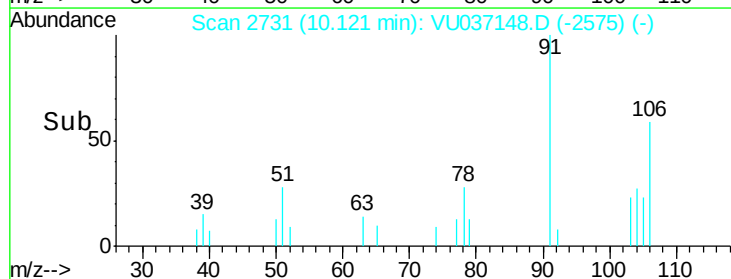
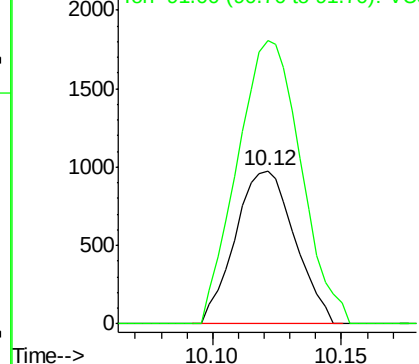


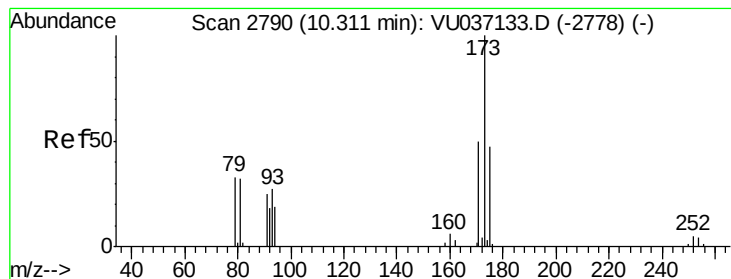
#65
o-Xylene
Concen: 0.218 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037148.D
Acq: 10 Mar 2020 12:37

Tgt Ion:106 Resp: 1574
Ion Ratio Lower Upper
106 100
91 197.3 104.3 312.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#67

Bromoform

Concen: 0.248 ug/l

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

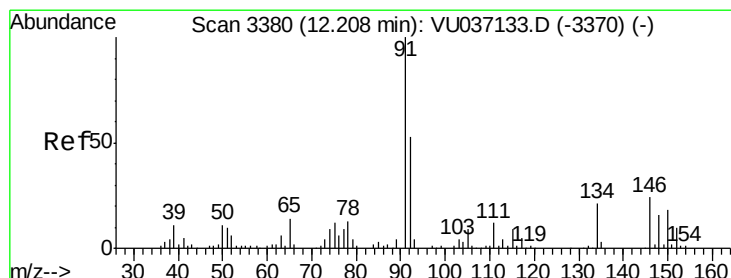
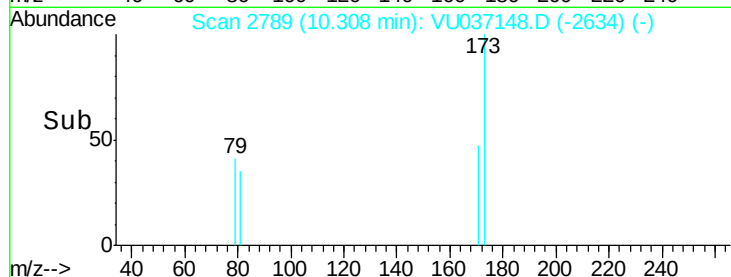
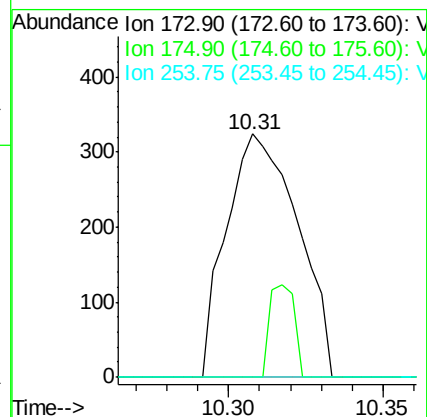
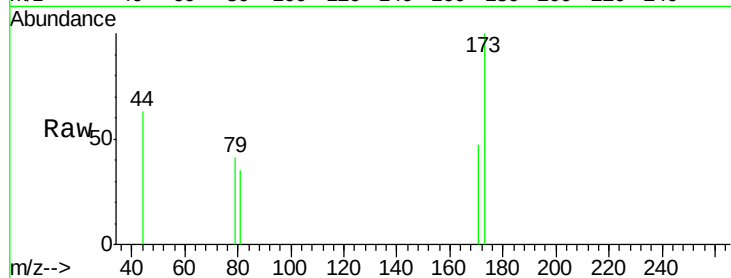
Tot Ion:173 Resp: 521

Ion Ratio Lower Upper

173 100

175 12.9 38.3 57.5#

254 0.0 6.6 9.8#



#68

1,2-Dichlorobenzene-d4

Concen: 0.828 ug/l

RT: 12.21 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

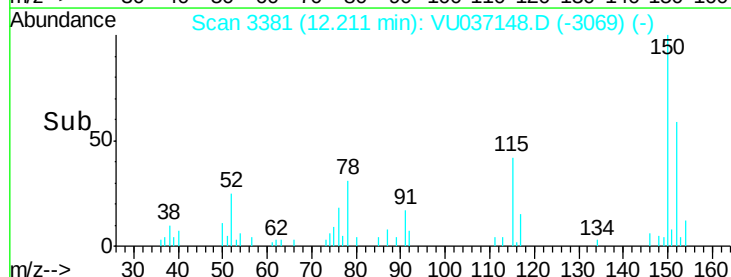
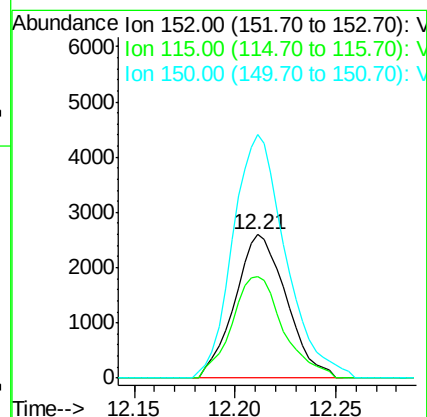
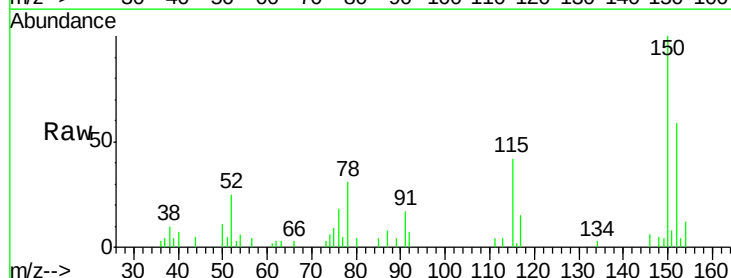
Tgt Ion:152 Resp: 4643

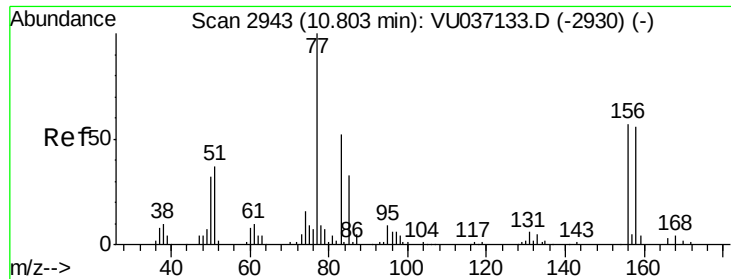
Ion Ratio Lower Upper

152 100

115 70.6 0.0 241.8

150 173.2 0.0 652.4





#70

1,1,2,2-Tetrachloroethane

Concen: 0.234 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

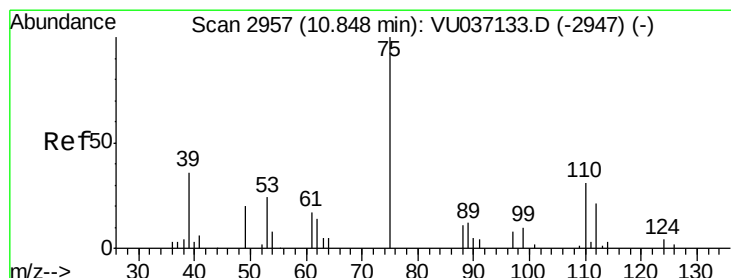
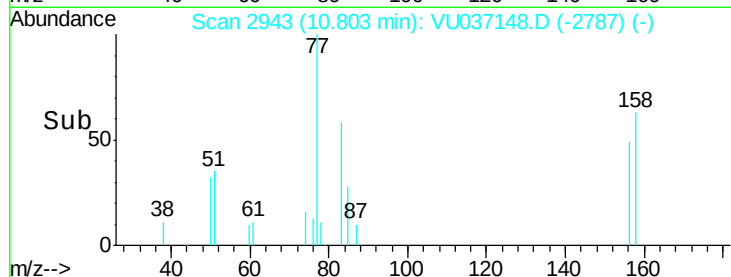
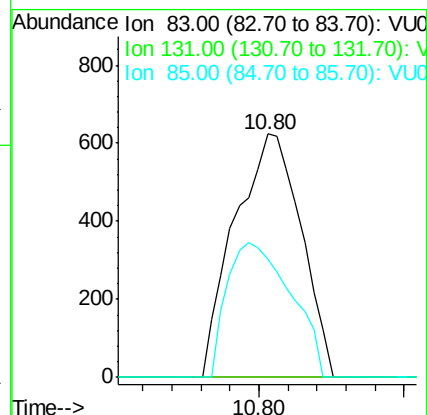
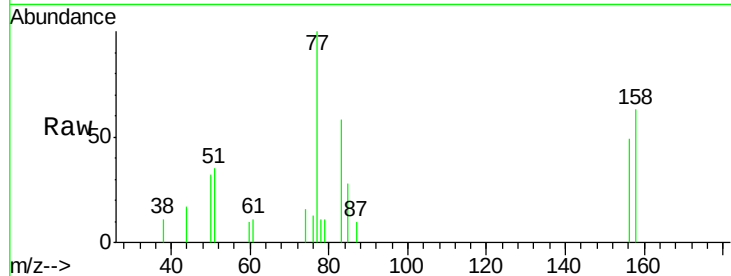
Tot Ion: 83 Resp: 991

Ion Ratio Lower Upper

83 100

131 0.0 7.8 11.8#

85 53.1 53.2 79.8#



#71

1,2,3-Trichloropropane

Concen: 0.234 ug/l m

RT: 10.84 min Scan# 2955

Delta R.T. -0.01 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Tgt Ion: 75 Resp: 809

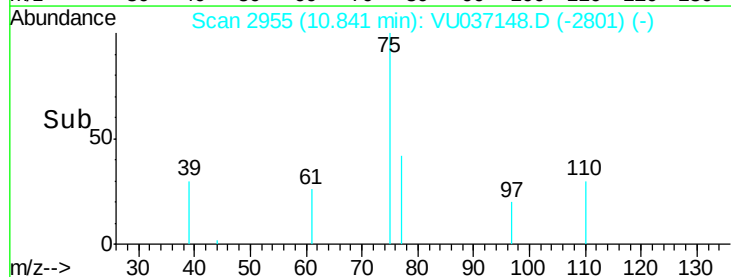
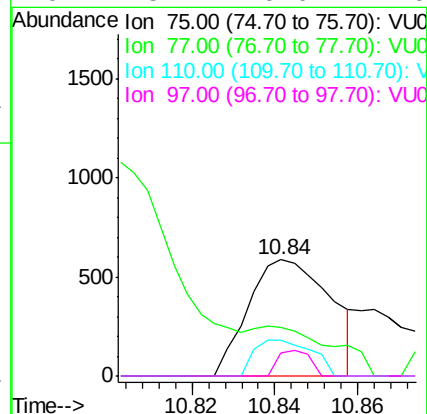
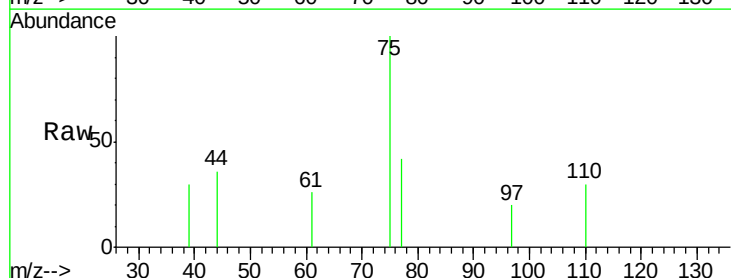
Ion Ratio Lower Upper

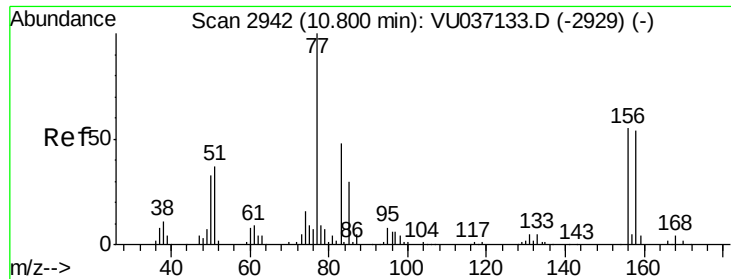
75 100

77 235.4 0.0 129.6#

110 21.5 0.0 77.4

97 8.4 0.0 42.0





#72

Bromobenzene

Concen: 0.209 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. 0.01 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

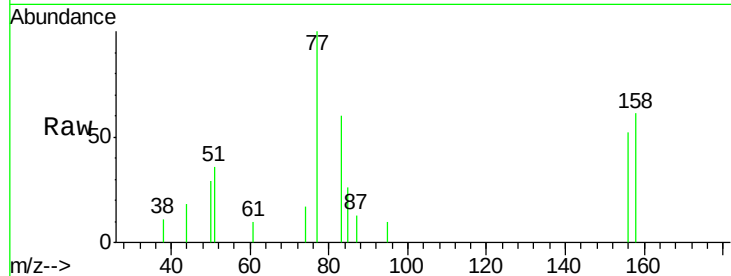
Tot Ion:156 Resp: 992

Ion Ratio Lower Upper

156 100

77 191.9 0.0 306.6

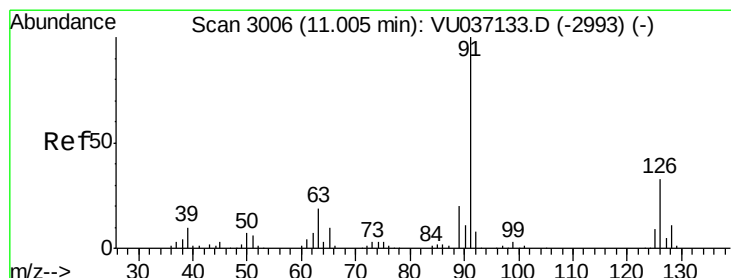
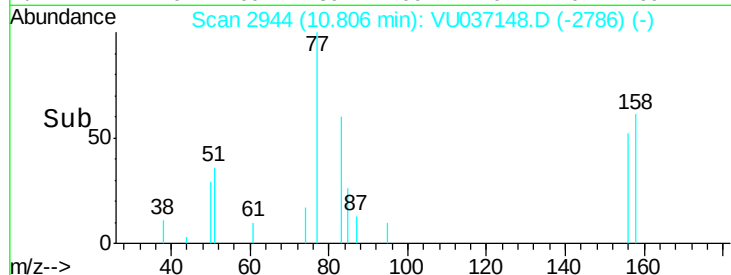
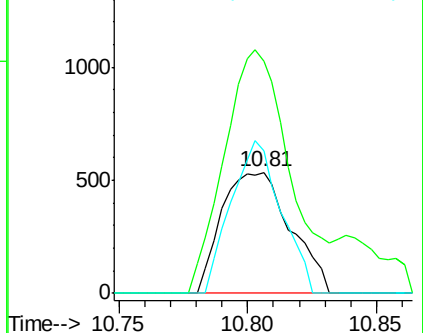
158 91.9 0.0 192.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#74

2-Chlorotoluene

Concen: 0.230 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU037148.D

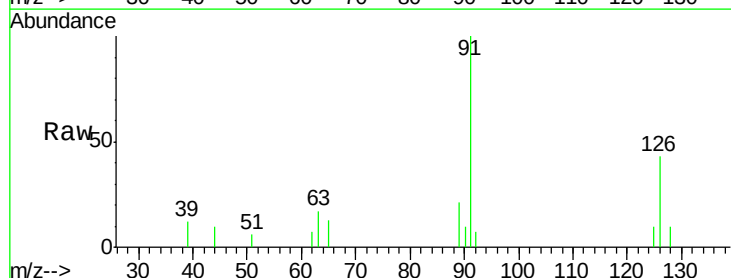
Acq: 10 Mar 2020 12:37

Tgt Ion:126 Resp: 1083

Ion Ratio Lower Upper

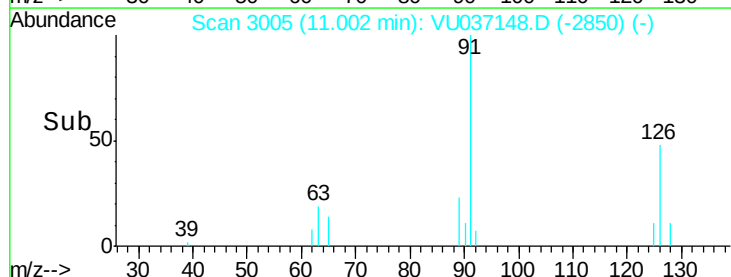
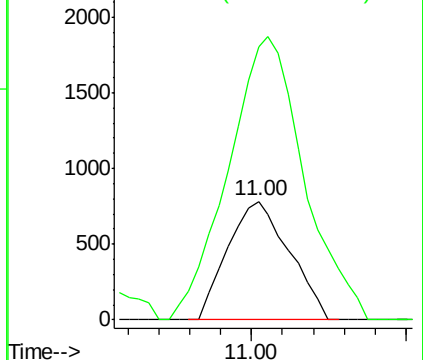
126 100

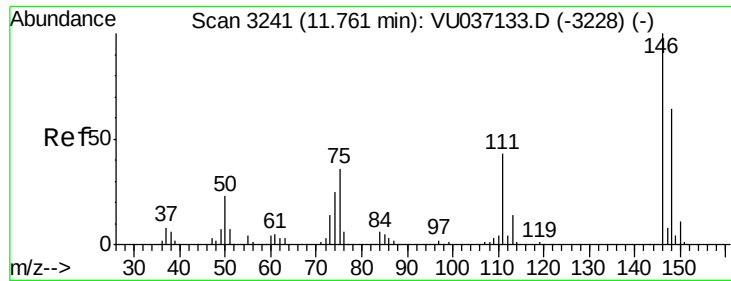
91 293.1 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#82

1,3-Dichlorobenzene

Concen: 0.218 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. 0.01 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020

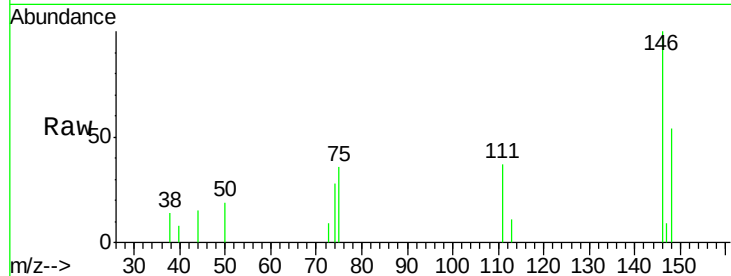
Tot Ion:146 Resp: 2051

Ion Ratio Lower Upper

146 100

111 46.8 32.2 48.2

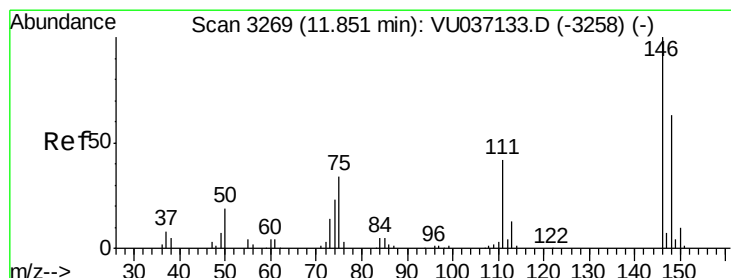
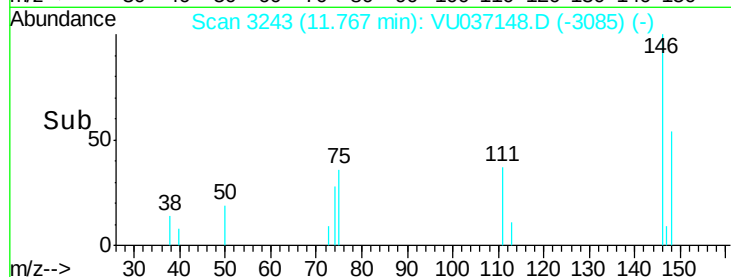
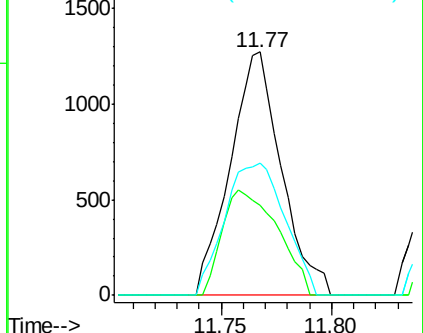
148 64.0 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 0.222 ug/l

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037148.D

Acq: 10 Mar 2020 12:37

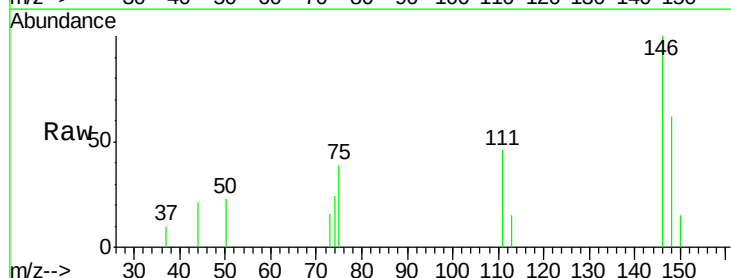
Tgt Ion:146 Resp: 2116

Ion Ratio Lower Upper

146 100

111 35.7 30.5 45.7

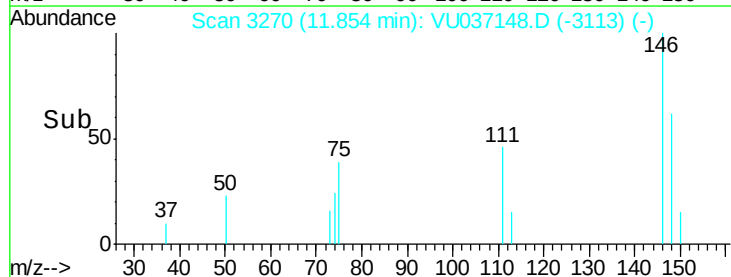
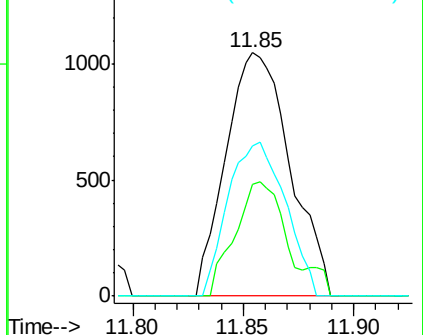
148 56.4 51.0 76.4

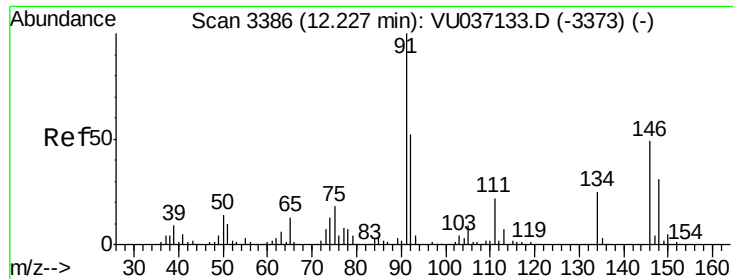


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

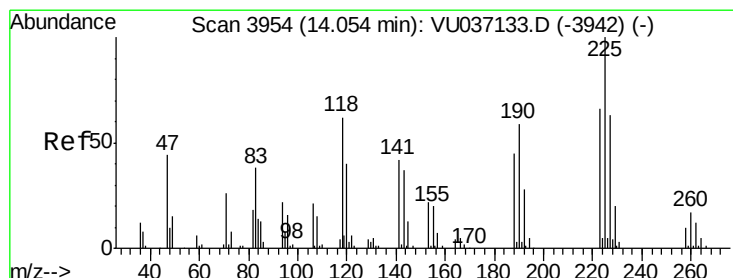
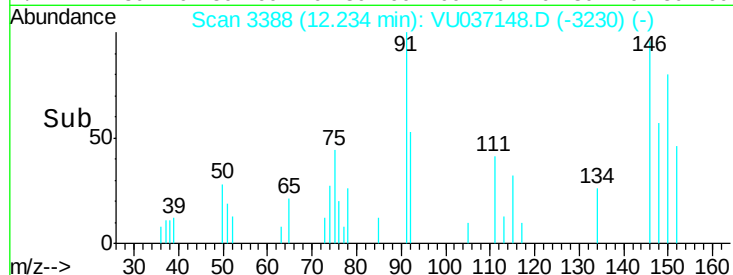
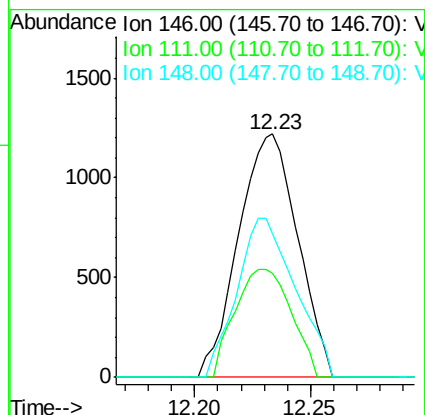
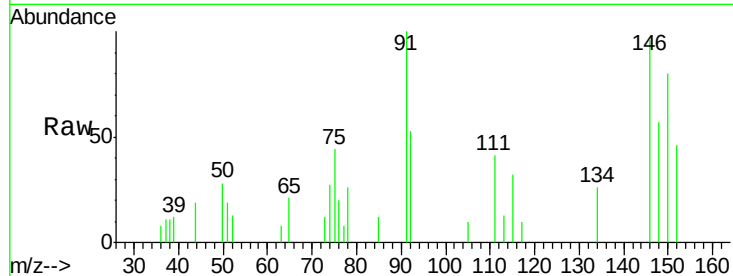




#85
 1,2-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.01 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

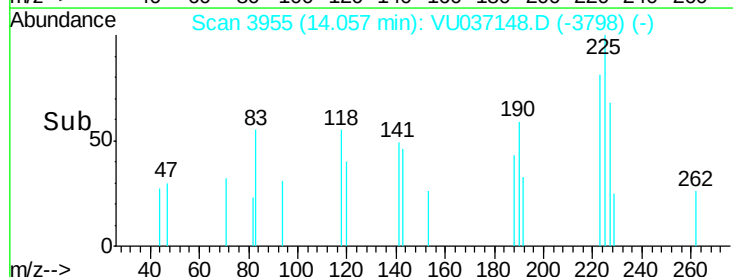
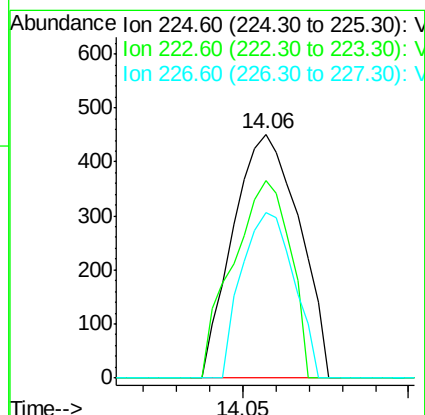
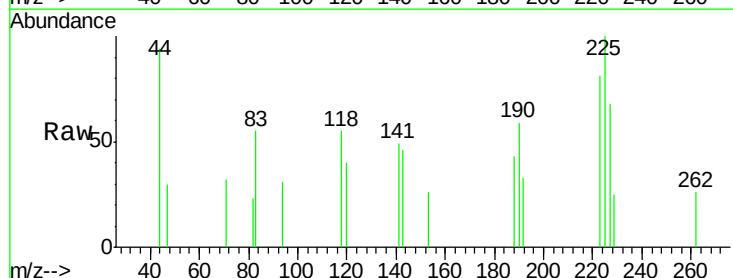
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2020

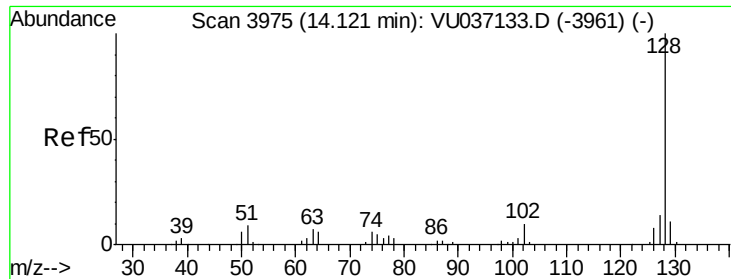
Tot Ion:146 Resp: 2161
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.4
 148 64.6 32.0 96.2



#88
 Hexachlorobutadiene
 Concen: 0.220 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037148.D
 Acq: 10 Mar 2020 12:37

Tgt Ion:225 Resp: 625
 Ion Ratio Lower Upper
 225 100
 223 69.9 51.7 77.5
 227 53.4 50.6 75.8





#89

Naphthalene

Concen: 0.386 ug/l

RT: 14.12 min Scan# 3976

Delta R.T. 0.00 min

Lab File: VU037148.D

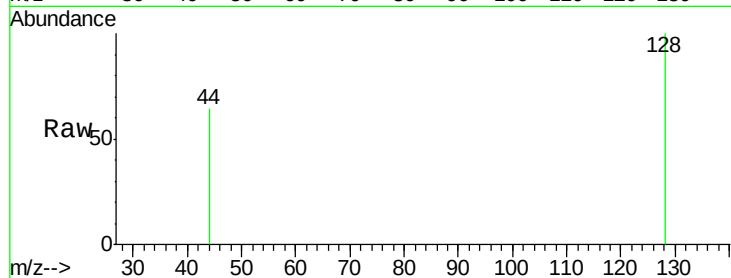
Acq: 10 Mar 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2020



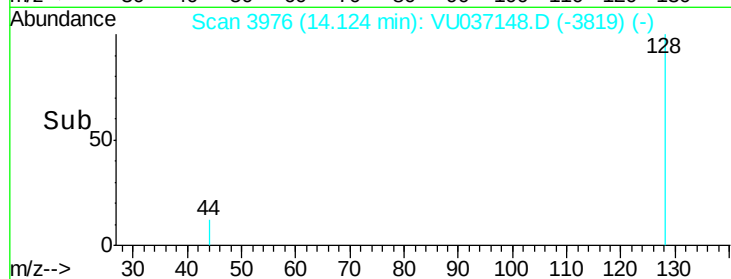
Tot Ion:128 Resp: 1033

Ion Ratio Lower Upper

128 100

127 1.9 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

