

Data File : VU039719.D
Acq On : 30 Jul 2020 12:53
Operator : SY/MD
Sample : L3216-09 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Quant Time: Jul 31 06:15:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20929	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	6338	0.77	ug/l	0.00
Spiked Amount	1.000		Recovery	=	77.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	6419	0.80	ug/l	0.00
Spiked Amount	1.000		Recovery	=	80.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	1936	0.266	ug/l	87
3) Chloromethane	1.53	50	3243	0.359	ug/l	100
4) Vinyl Chloride	1.61	62	2437	0.293	ug/l	96
5) Bromomethane	1.86	94	1849	0.325	ug/l #	80
6) Chloroethane	1.94	64	2351	0.407	ug/l	97
7) Trichlorofluoromethane	2.15	101	2877	0.261	ug/l	92
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1758	0.278	ug/l	91
9) 1,1-Dichloroethene	2.59	96	1676	0.288	ug/l	93
10) Iodomethane	2.73	142	1937	0.330	ug/l	94
11) Allyl Chloride	2.94	41	3647	0.291	ug/l	98
12) Acrylonitrile	3.34	53	1169	0.573	ug/l #	78
13) Acetone	2.66	43	3996	2.081	ug/l	98
14) Carbon Disulfide	2.81	76	5491	0.257	ug/l #	91
15) Methylene Chloride	3.06	84	3833	0.473	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	1727	0.261	ug/l	92
17) 1,1-Dichloroethane	3.89	63	3891	0.268	ug/l #	85
18) 2-Butanone	4.75	43	4634	1.435	ug/l	99
19) Cyclohexane	5.40	56	3280	0.233	ug/l	92
20) Methylcyclohexane	6.77	83	2435	0.234	ug/l	94
21) 2,2-Dichloropropane	4.69	77	3953	0.334	ug/l	93
22) cis-1,2-Dichloroethene	4.69	96	1843	0.259	ug/l	84
23) Diethyl Ether	2.39	59	2552	0.429	ug/l	92
24) tert-Butyl Alcohol	3.20	59	1038	Below Cal	#	74
25) Methyl tert-Butyl Ether	3.38	73	4982	0.263	ug/l #	81
26) Bromochloromethane	5.00	128	771	0.264	ug/l #	71
27) Chloroform	5.11	83	3541	0.261	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	2950	0.268	ug/l	92
29) 1,1-Dichloropropene	5.54	75	2901	0.274	ug/l	91
30) Carbon Tetrachloride	5.54	117	2307	0.257	ug/l	89
31) Isopropyl Ether	4.02	45	7509	0.284	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	5945	0.264	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	4669	0.287	ug/l #	95
34) Propionitrile	4.82	54	446	0.560	ug/l #	89
35) Benzene	5.78	78	7676	0.293	ug/l	97
36) 1,2-Dichloroethane	5.81	62	3140	0.320	ug/l #	88
37) Trichloroethene	6.55	130	1518	0.253	ug/l	95
38) 1,2-Dichloropropane	6.80	63	1665	0.231	ug/l	96
39) Methacrylonitrile	5.00	41	1403	0.334	ug/l #	70
40) Methyl acrylate	4.88	55	1728	0.319	ug/l #	84
41) Tetrahydrofuran	5.09	42	1564	0.740	ug/l #	71
42) 1-Chlorobutane	5.47	56	4302	0.259	ug/l	84

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Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Quant Time: Jul 31 06:15:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	1062	0.273	ug/l #	78
44) Bromodichloromethane	7.12	83	2275	0.255	ug/l #	94
45) 4-Methyl-2-Pentanone	7.81	43	7242	1.231	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	1924	1.099	ug/l #	45
47) Methyl methacrylate	6.98	69	1615	0.446	ug/l	92
48) Ethyl methacrylate	8.34	69	1434	0.215	ug/l	95
49) Toluene	7.98	92	3191	0.205	ug/l	89
50) t-1,3-Dichloropropene	8.22	75	1638	0.204	ug/l #	80
51) cis-1,3-Dichloropropene	7.62	75	2008	0.213	ug/l	95
52) 1,1,2-Trichloroethane	8.41	97	1320	0.262	ug/l	92
53) 1,3-Dichloropropane	8.58	76	2435	0.251	ug/l	96
54) 2-Hexanone	8.70	43	5194	1.233	ug/l	91
55) Dibromochloromethane	8.82	129	1114	0.206	ug/l	89
56) 1,2-Dibromoethane	8.93	107	1150	0.237	ug/l	93
58) Tetrachloroethene	8.56	164	1314	0.251	ug/l	92
59) Chlorobenzene	9.45	112	3700	0.230	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	1174	0.216	ug/l #	83
61) Pentachloroethane	11.43	117	1114	0.233	ug/l	90
62) Hexachloroethane	12.47	117	876	0.200	ug/l #	83
63) Ethyl Benzene	9.57	91	5867	0.203	ug/l	89
64) m/p-Xylenes	9.70	106	4215	0.373	ug/l	99
69) Isopropylbenzene	10.48	105	6012	0.210	ug/l	90
70) 1,1,2,2-Tetrachloroethane	10.78	83	1851	0.255	ug/l #	94
71) 1,2,3-Trichloropropane	10.83	75	1924	0.352	ug/l	79
72) Bromobenzene	10.78	156	1358	0.209	ug/l	89
75) 1,3,5-Trimethylbenzene	11.09	105	4956	0.200	ug/l	95
82) 1,3-Dichlorobenzene	11.74	146	3139	0.224	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	2980	0.212	ug/l	96
85) 1,2-Dichlorobenzene	12.20	146	2819	0.209	ug/l	91
87) 1,2,4-Trichlorobenzene	13.83	180	1691	0.201	ug/l	92
88) Hexachlorobutadiene	14.01	225	1009	0.263	ug/l #	87
90) 1,2,3-Trichlorobenzene	14.32	180	1834	0.230	ug/l	91

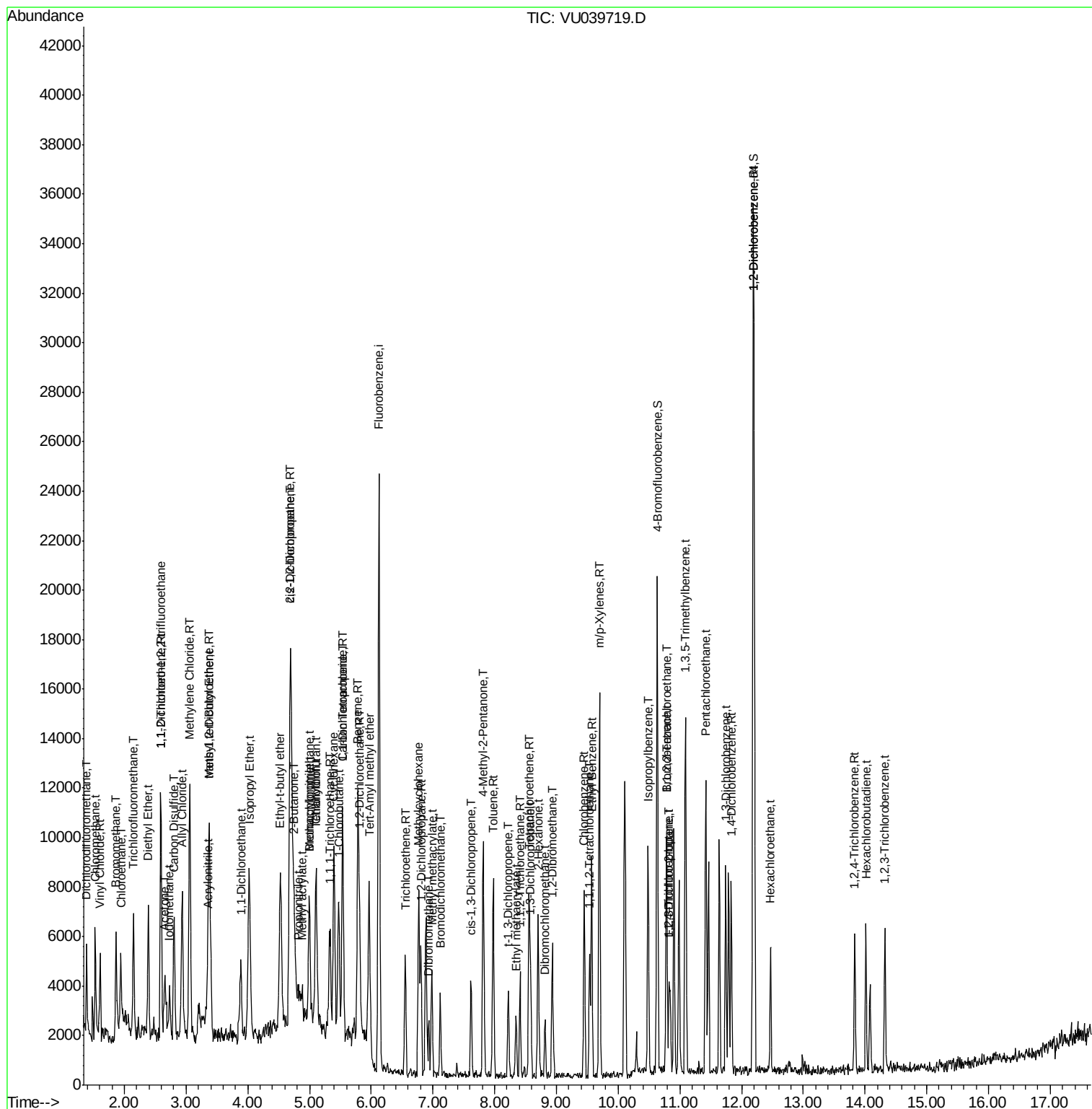
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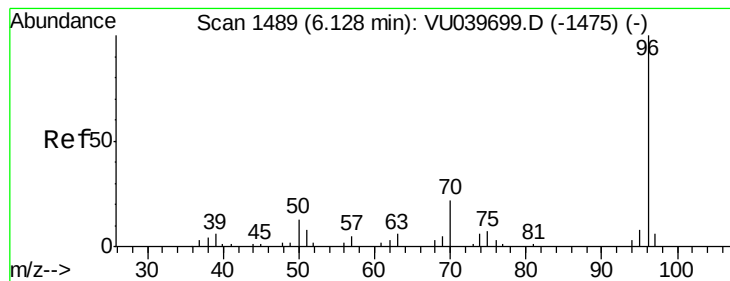
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ALS Vial     : 4      Sample Multiplier: 1
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MSVOA_U
ClientSampleId :
MDL-WATER-03-OT3-2020

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

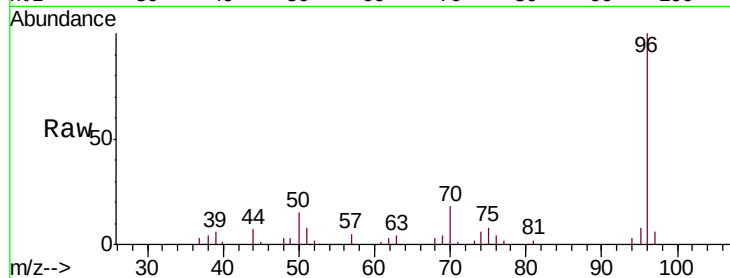
MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

Tgt Ion: 96 Resp: 20929

Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.3	24.5
95	8.8	6.8	10.2
97	5.7	0.0	0.0#

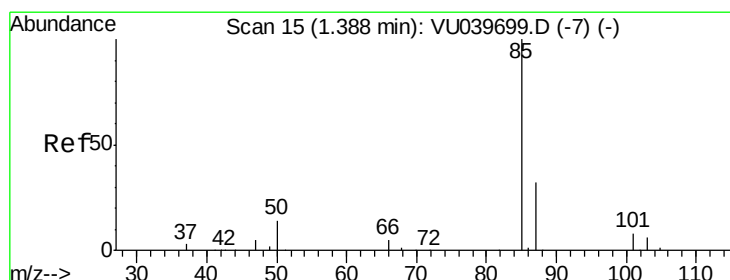
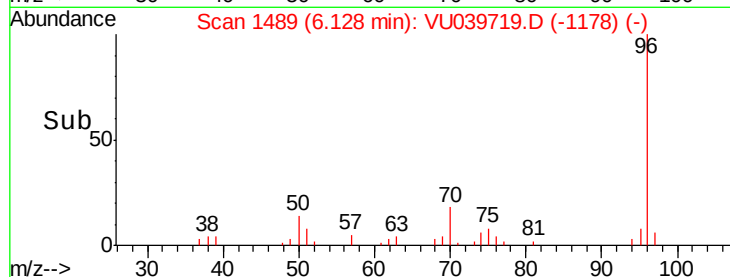
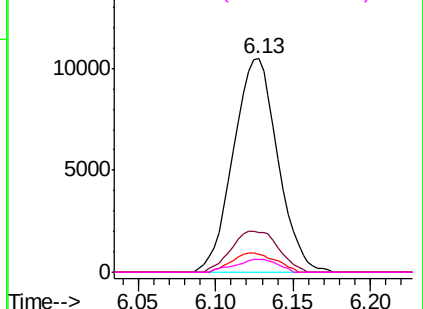


Abundance Ion 96.00 (95.70 to 96.70): VU039719.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039719.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039719.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039719.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 0.266 ug/l

RT: 1.39 min Scan# 15

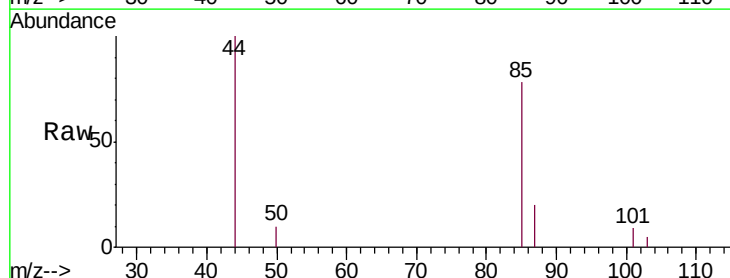
Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

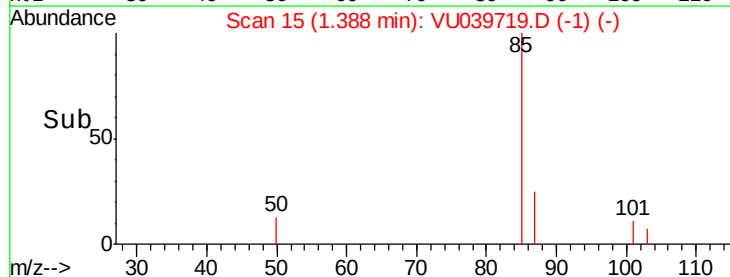
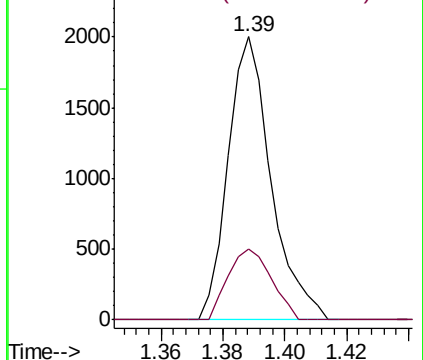
Tgt Ion: 85 Resp: 1936

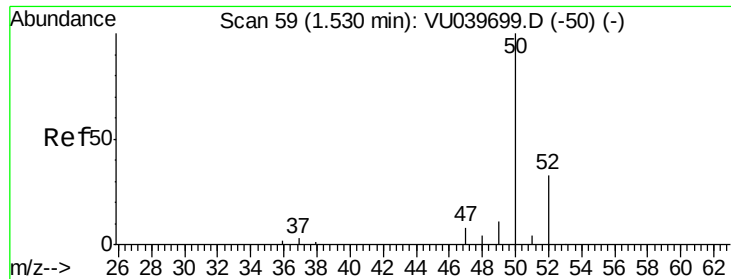
Ion	Ratio	Lower	Upper
85	100		
87	25.2	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039719.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039719.D (-7) (-)





#3

Chloromethane

Concen: 0.359 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

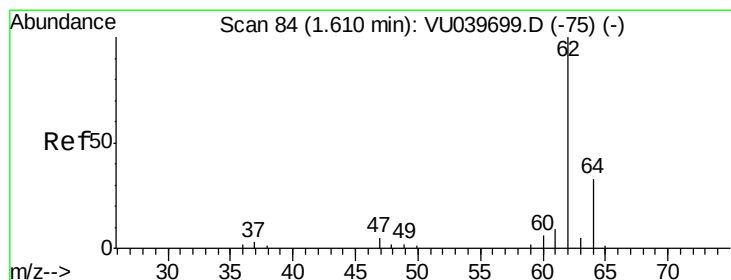
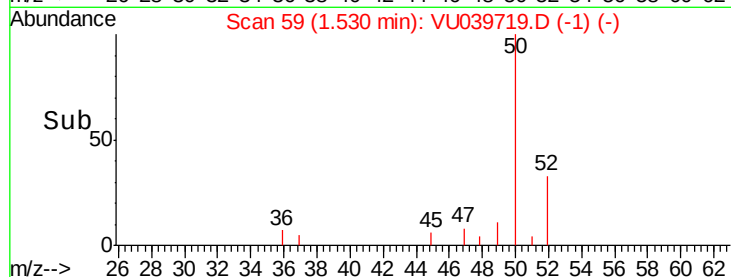
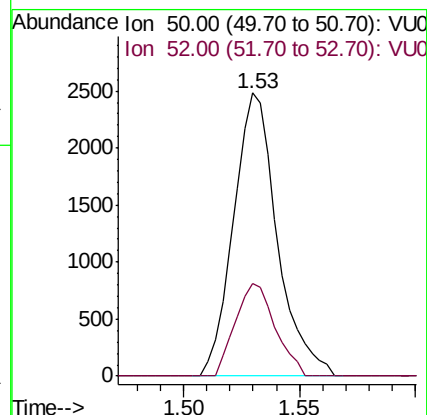
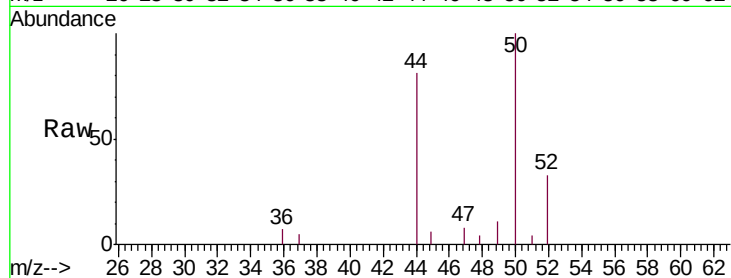
MDL-WATER-03-QT3-2020

Tgt Ion: 50 Resp: 3243

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 0.293 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039719.D

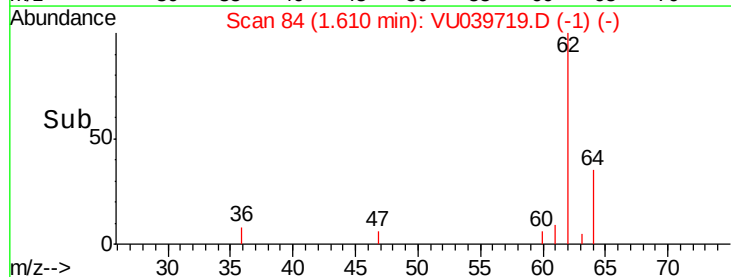
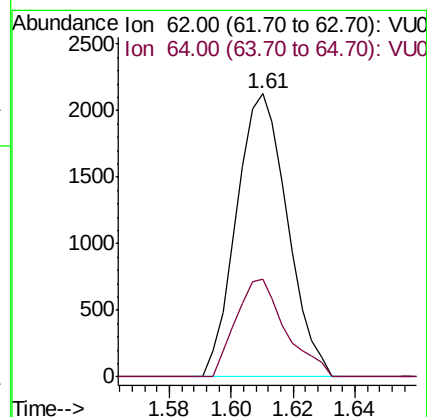
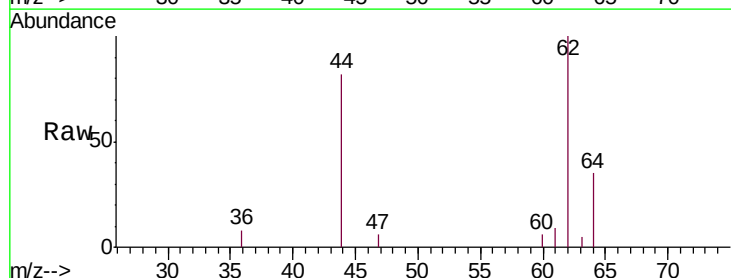
Acq: 30 Jul 2020 12:53

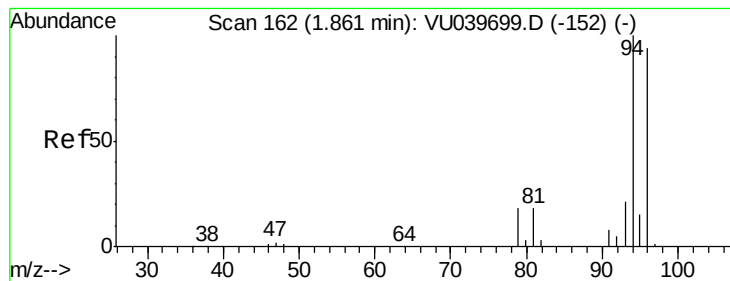
Tgt Ion: 62 Resp: 2437

Ion Ratio Lower Upper

62 100

64 34.7 26.0 39.0





#5

Bromomethane

Concen: 0.325 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

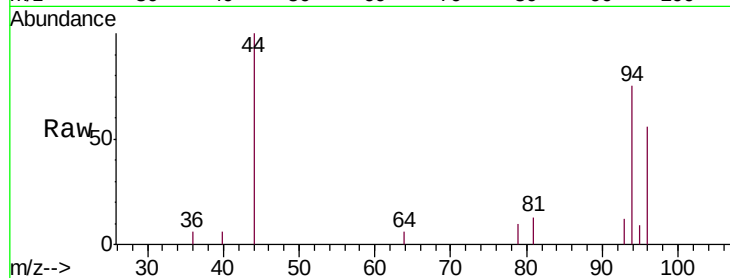
MDL-WATER-03-QT3-2020

Tgt Ion: 94 Resp: 1849

Ion Ratio Lower Upper

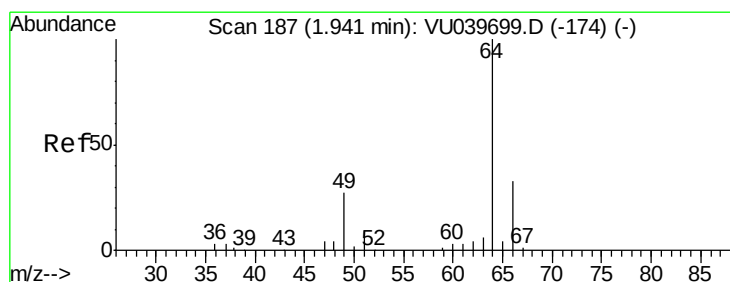
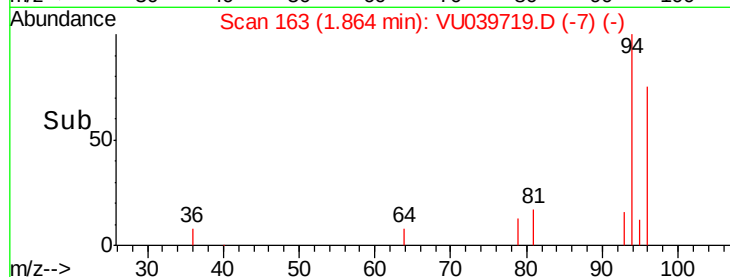
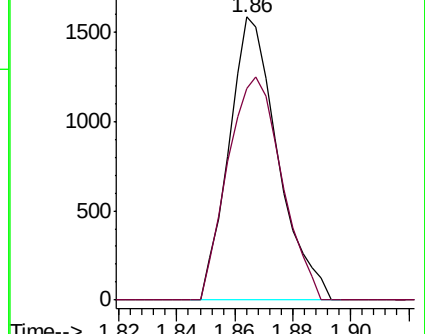
94 100

96 74.9 75.0 112.6#



Abundance Ion 94.00 (93.70 to 94.70): VU039719.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039719.D (-152) (-)



#6

Chloroethane

Concen: 0.407 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU039719.D

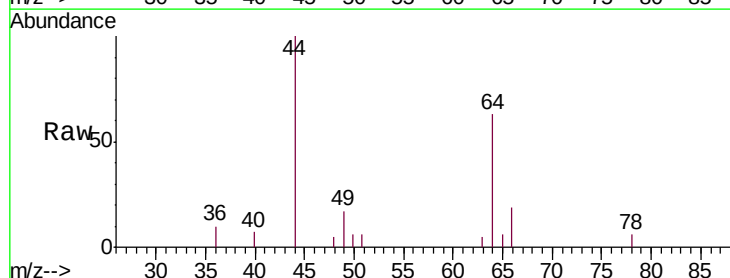
Acq: 30 Jul 2020 12:53

Tgt Ion: 64 Resp: 2351

Ion Ratio Lower Upper

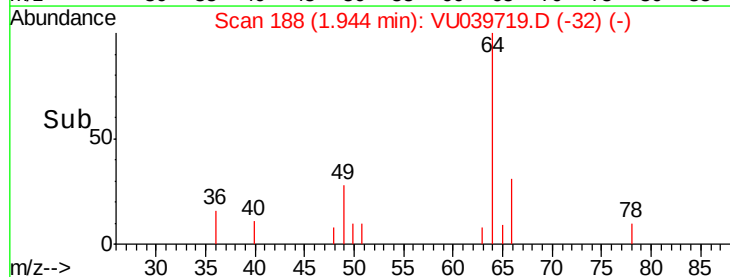
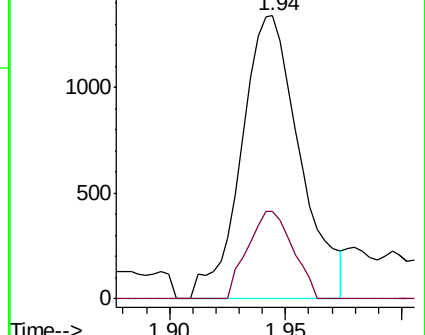
64 100

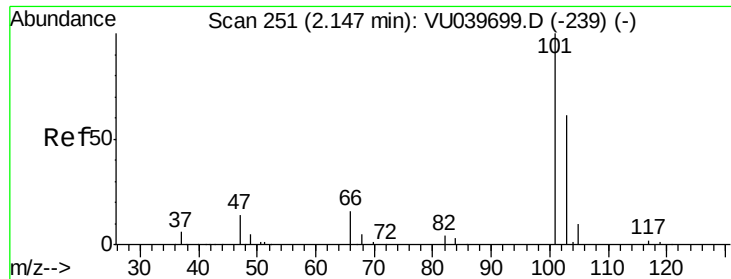
66 31.0 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039719.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039719.D (-174) (-)



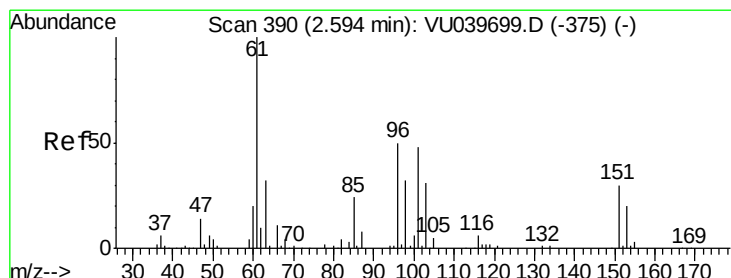
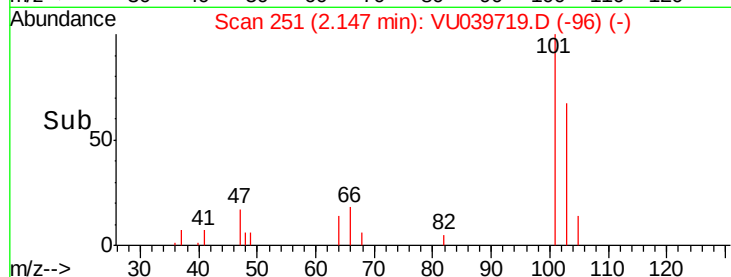
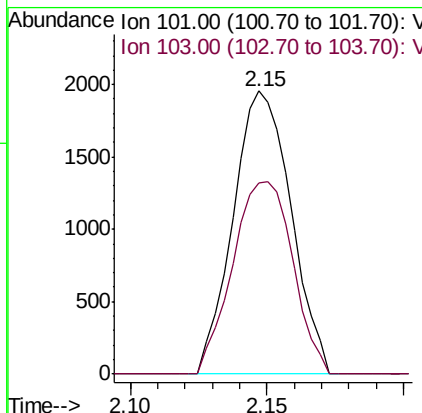
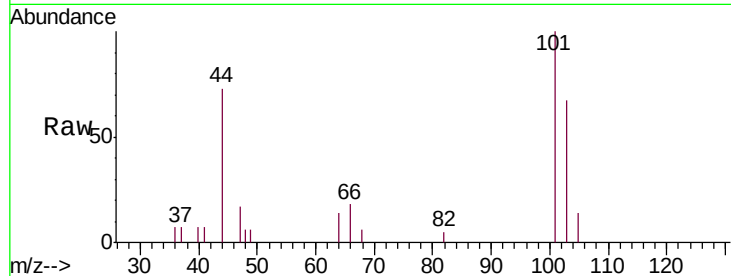


#7

Trichlorofluoromethane
Concen: 0.261 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

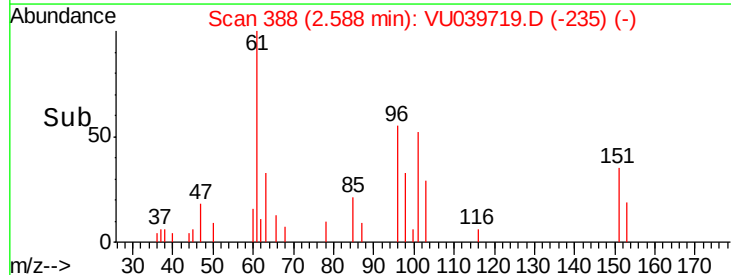
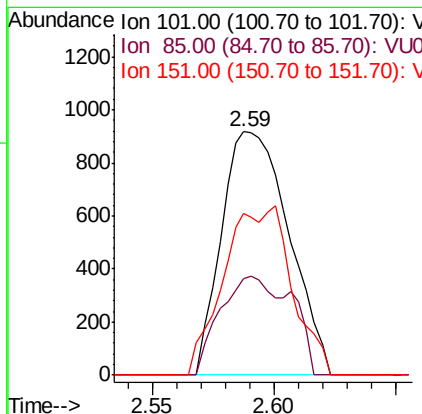
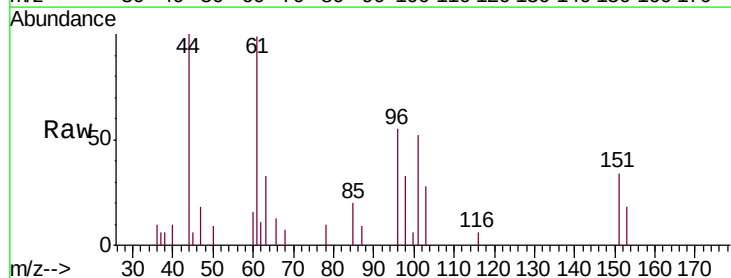
Tgt Ion:101 Resp: 2877
Ion Ratio Lower Upper
101 100
103 67.4 48.8 73.2

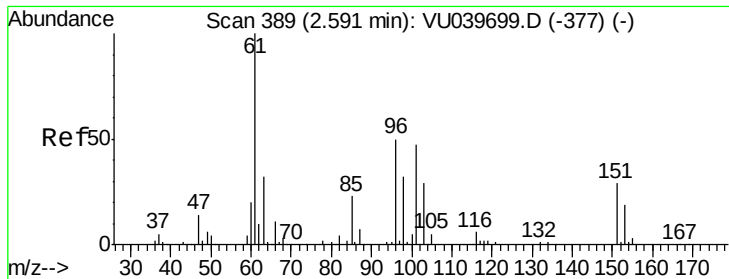


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.278 ug/l
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion:101 Resp: 1758
Ion Ratio Lower Upper
101 100
85 43.0 39.9 59.9
151 69.8 51.0 76.4





#9

1,1-Dichloroethene

Concen: 0.288 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

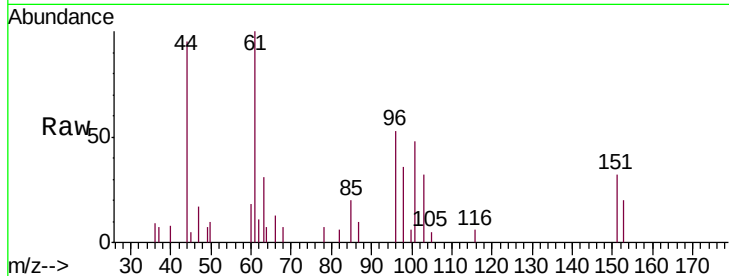
Tgt Ion: 96 Resp: 1676

Ion Ratio Lower Upper

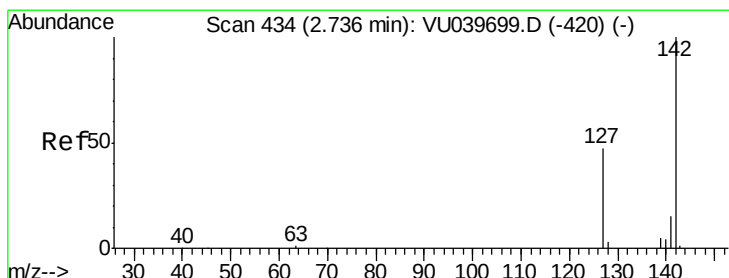
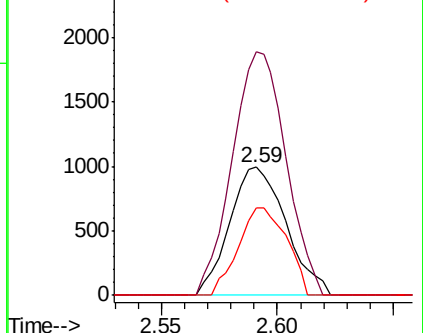
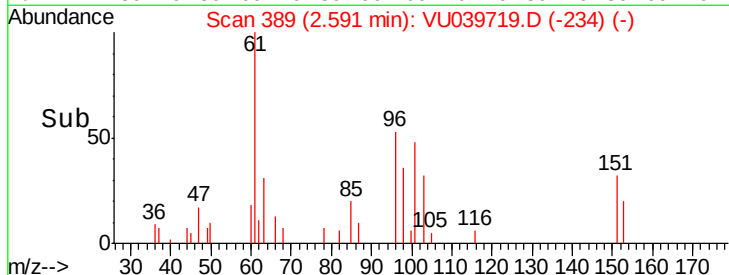
96 100

61 189.9 0.0 604.5

98 68.2 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039719.D (-234) (-)



#10

Iodomethane

Concen: 0.330 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039719.D

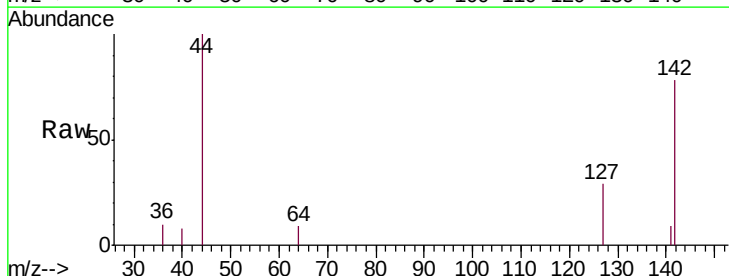
Acq: 30 Jul 2020 12:53

Tgt Ion: 142 Resp: 1937

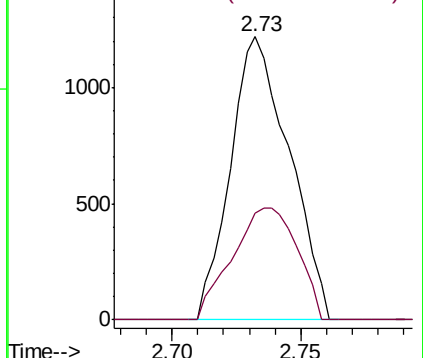
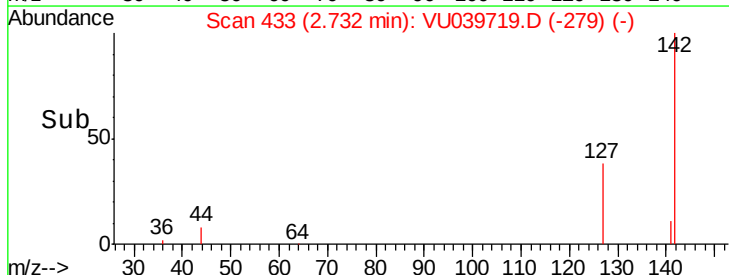
Ion Ratio Lower Upper

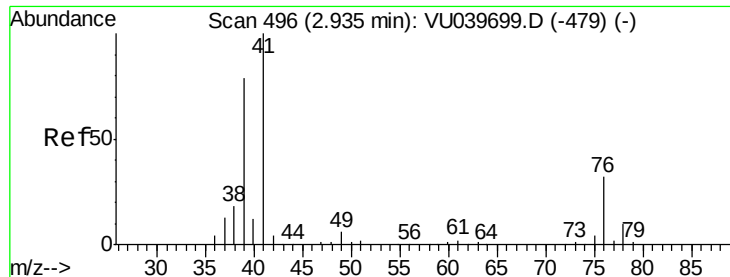
142 100

127 43.7 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039719.D (-279) (-)

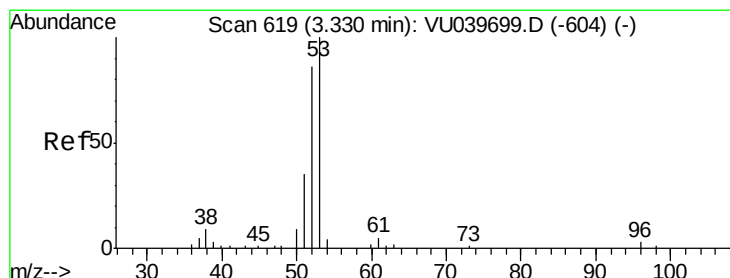
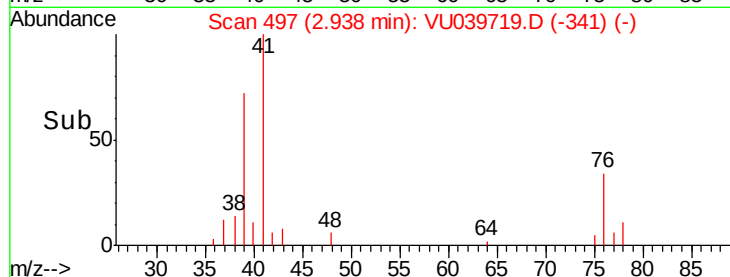
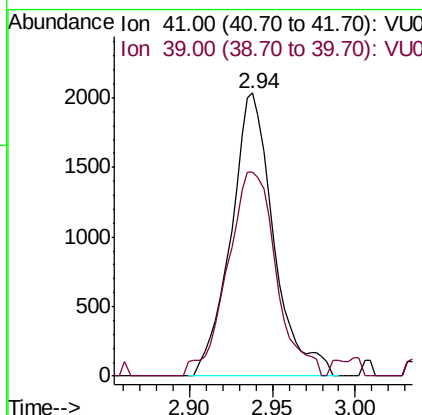
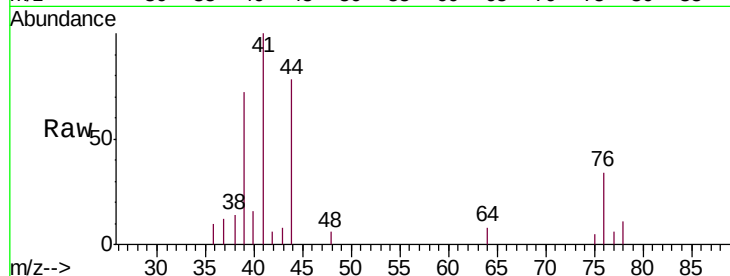




#11
 Allyl Chloride
 Concen: 0.291 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

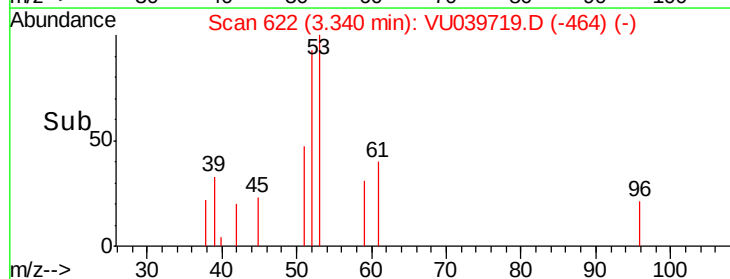
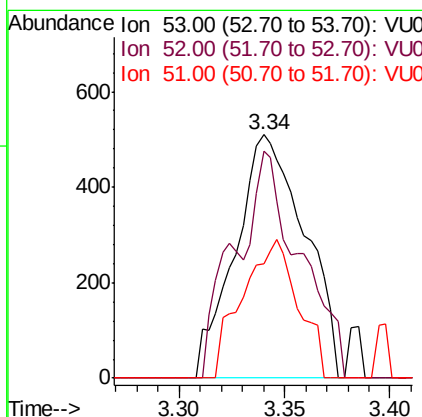
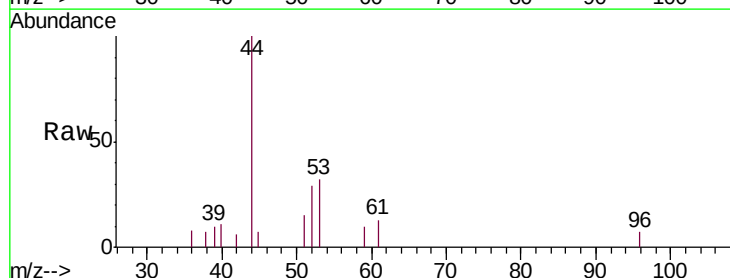
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

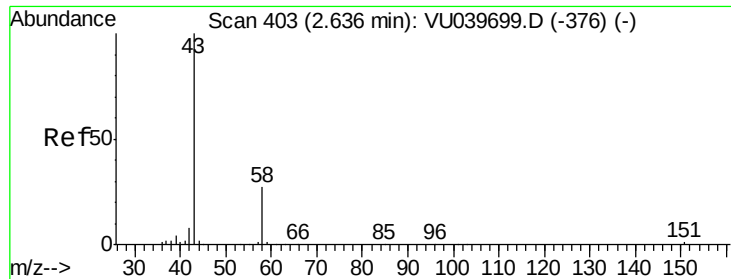
Tgt Ion: 41 Resp: 3647
 Ion Ratio Lower Upper
 41 100
 39 81.8 64.2 96.2



#12
 Acrylonitrile
 Concen: 0.573 ug/l
 RT: 3.34 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion: 53 Resp: 1169
 Ion Ratio Lower Upper
 53 100
 52 63.9 69.1 103.7#
 51 45.7 29.4 44.2#





#13

Acetone

Concen: 2.081 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

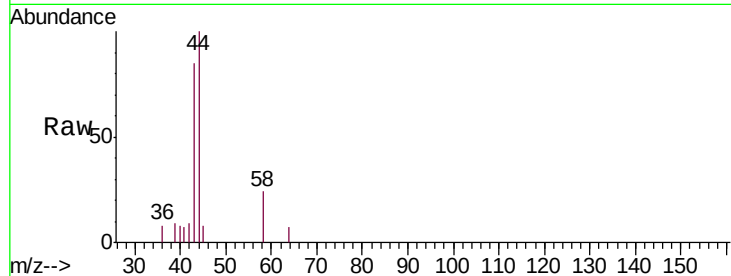
MDL-WATER-03-QT3-2020

Tgt Ion: 43 Resp: 3996

Ion Ratio Lower Upper

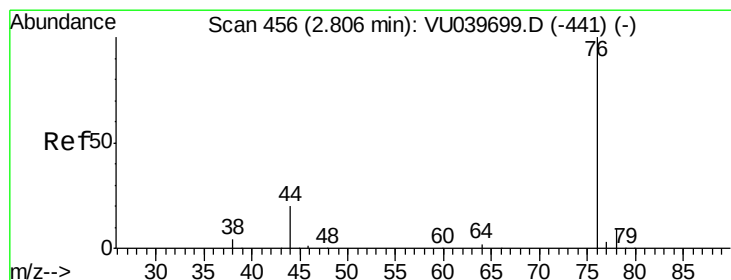
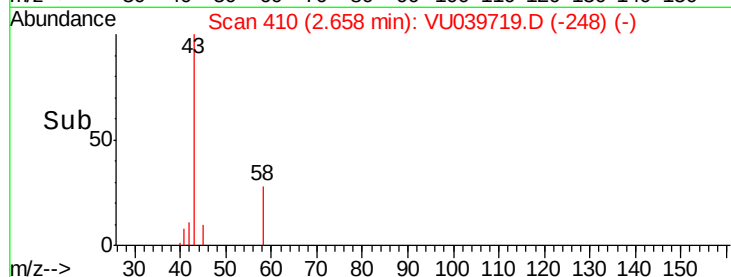
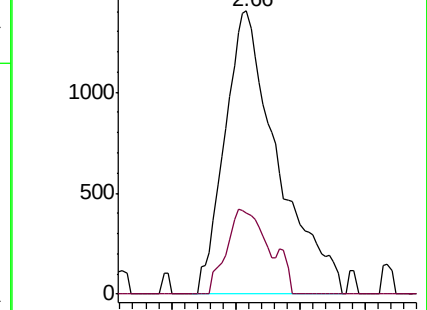
43 100

58 28.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039719.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039719.D (-376) (-)



#14

Carbon Disulfide

Concen: 0.257 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039719.D

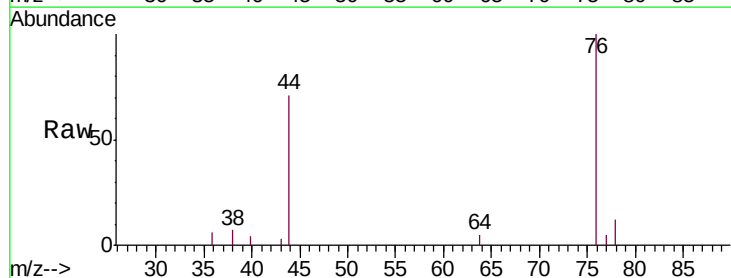
Acq: 30 Jul 2020 12:53

Tgt Ion: 76 Resp: 5491

Ion Ratio Lower Upper

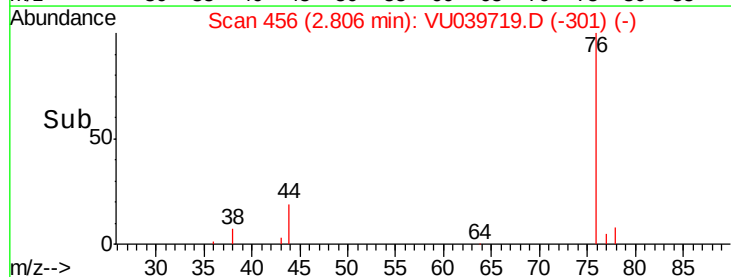
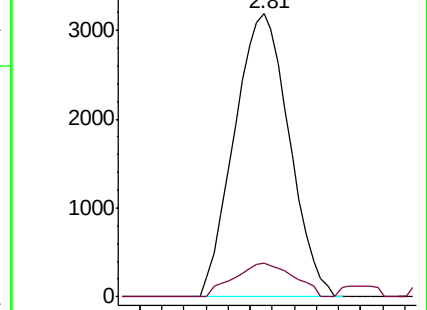
76 100

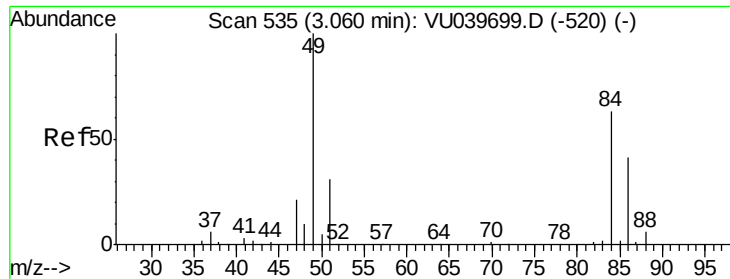
78 11.9 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VU039719.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU039719.D (-441) (-)

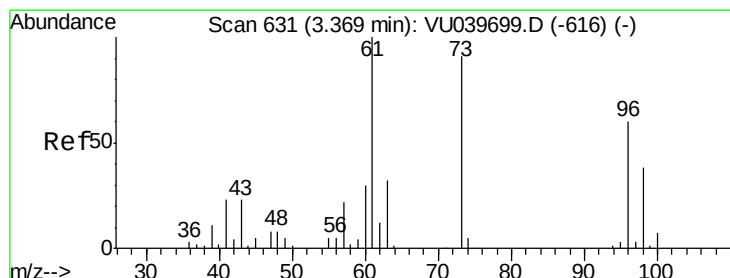
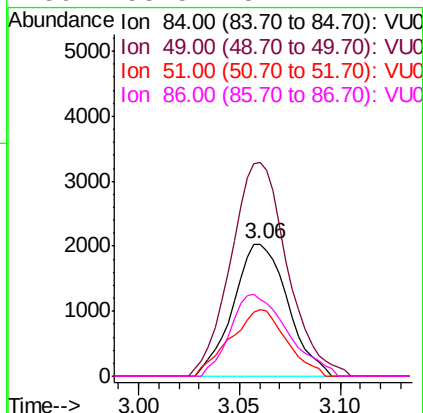
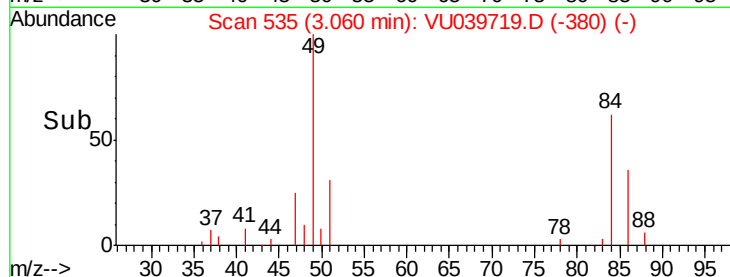
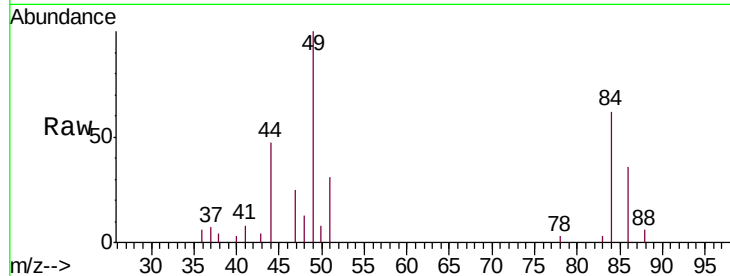




#15
Methylene Chloride
Concen: 0.473 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

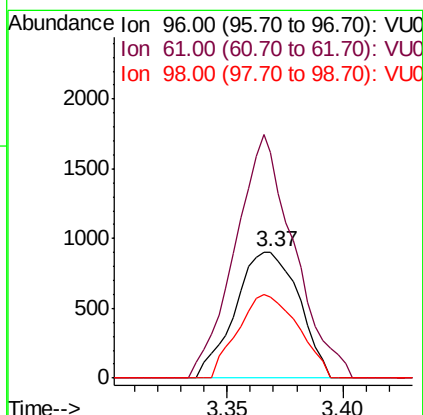
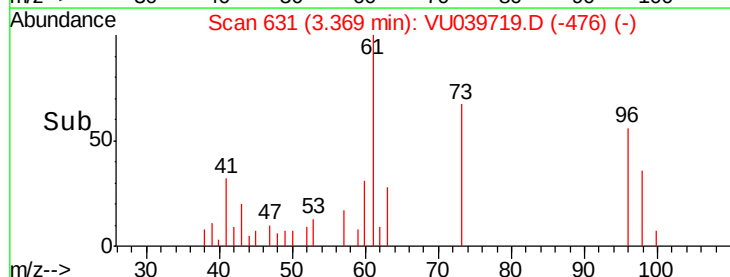
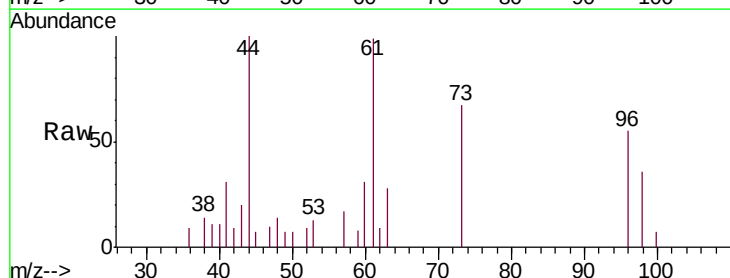
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

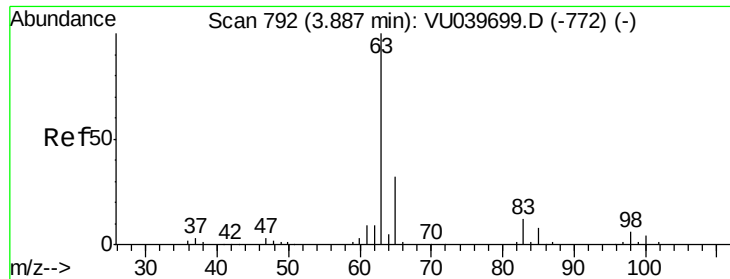
Tgt Ion:	84	Resp:	3833
Ion	Ratio	Lower	Upper
84	100		
49	161.9	126.8	190.2
51	50.8	0.0	97.2
86	58.5	51.4	77.2



#16
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion:	96	Resp:	1727
Ion	Ratio	Lower	Upper
96	100		
61	179.4	132.6	199.0
98	64.1	50.2	75.2

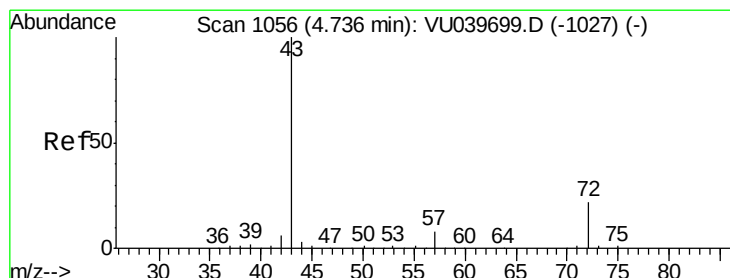
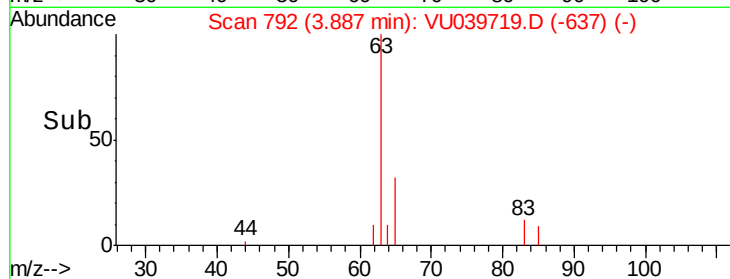
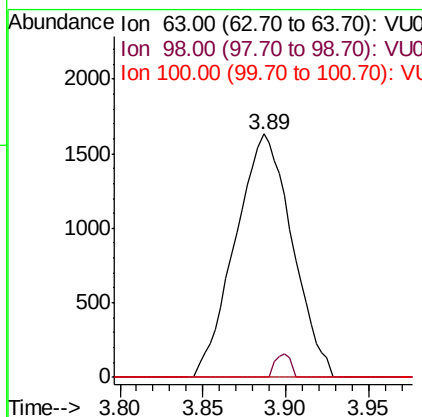
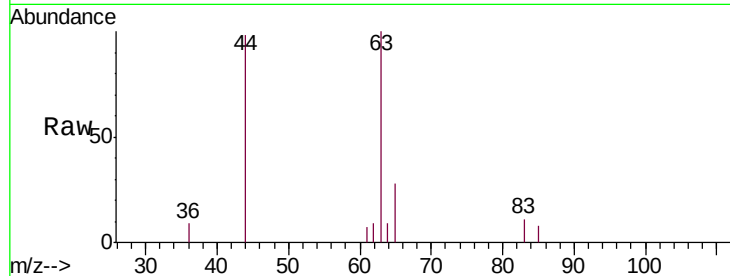




#17
 1,1-Dichloroethane
 Concen: 0.268 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

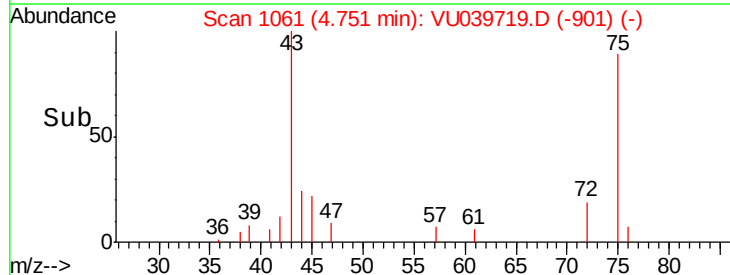
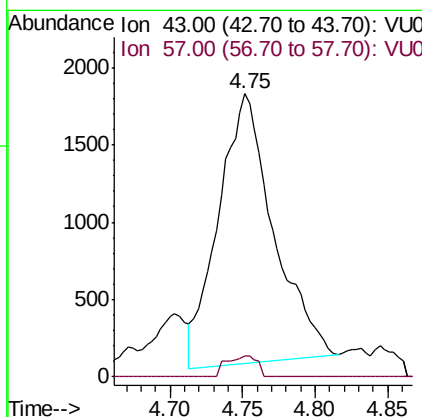
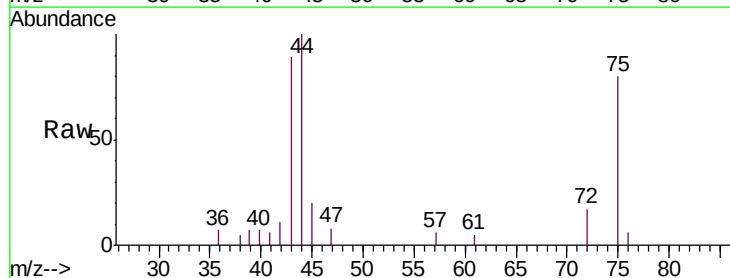
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

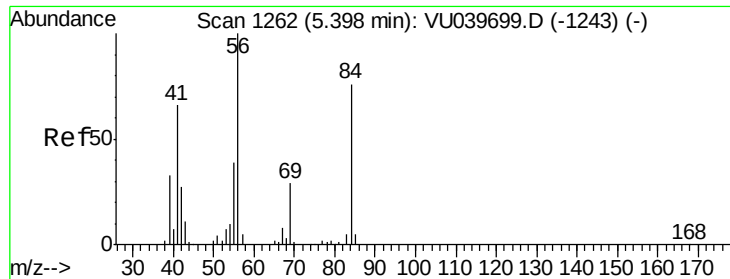
Tgt Ion:	63	Resp:	3891
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.7#
100	0.0	2.0	6.0#



#18
 2-Butanone
 Concen: 1.435 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion:	43	Resp:	4634
Ion	Ratio	Lower	Upper
43	100		
57	7.8	0.0	15.2

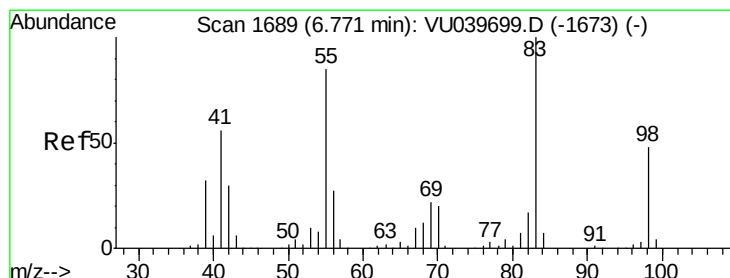
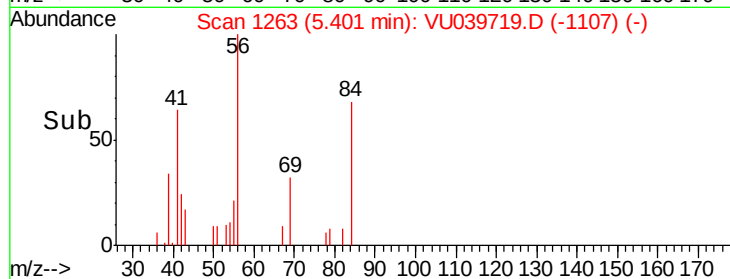
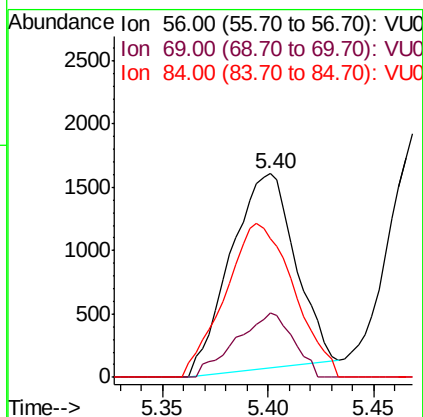
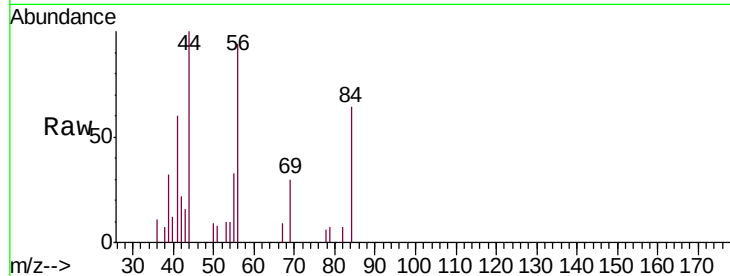




#19
Cyclohexane
Concen: 0.233 ug/l
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

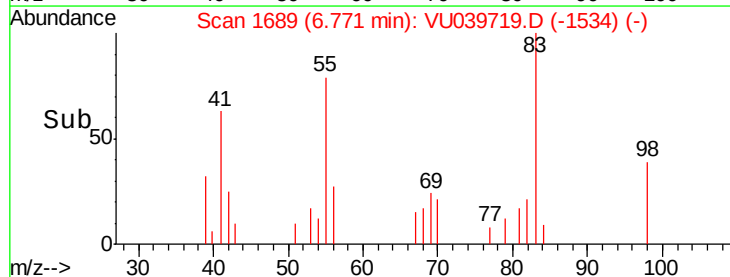
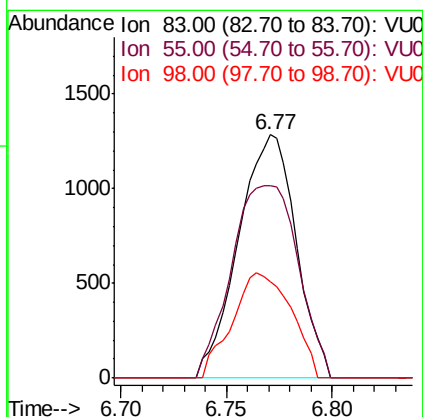
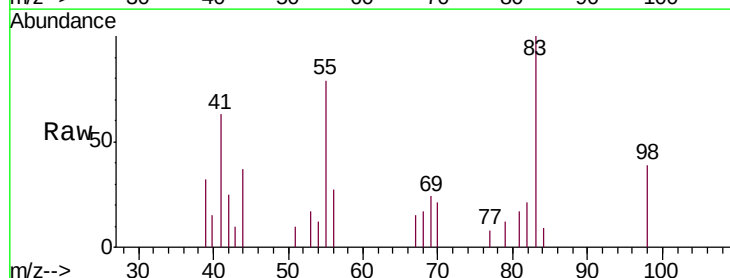
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

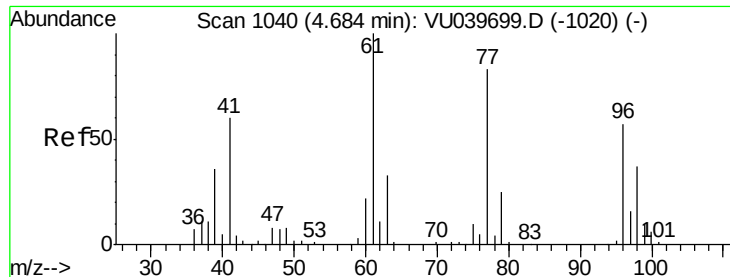
Tgt Ion: 56 Resp: 3280
Ion Ratio Lower Upper
56 100
69 29.2 22.8 34.2
84 83.7 59.9 89.9



#20
Methylcyclohexane
Concen: 0.234 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 83 Resp: 2435
Ion Ratio Lower Upper
83 100
55 91.8 67.6 101.4
98 44.2 37.3 55.9

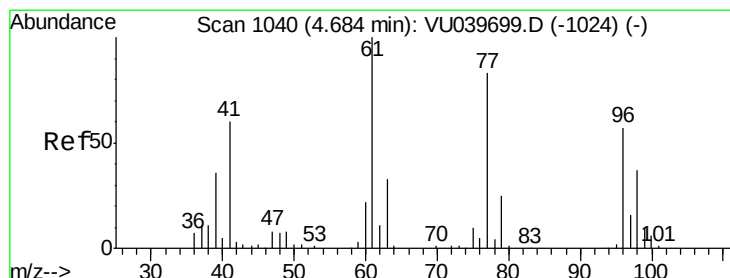
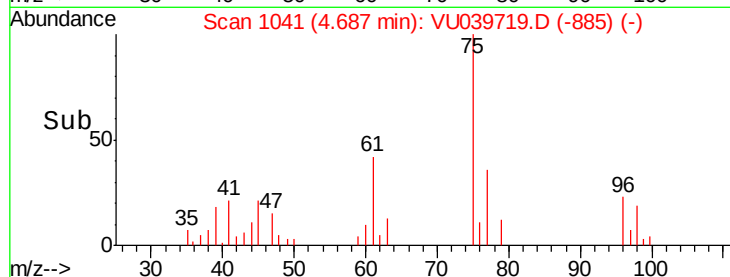
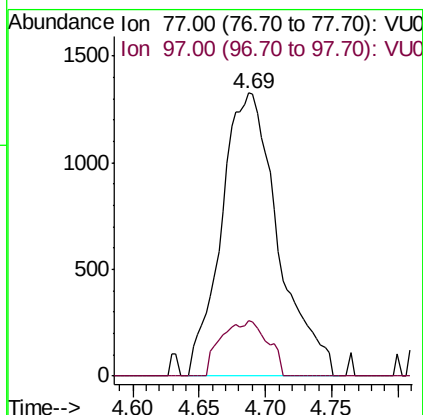
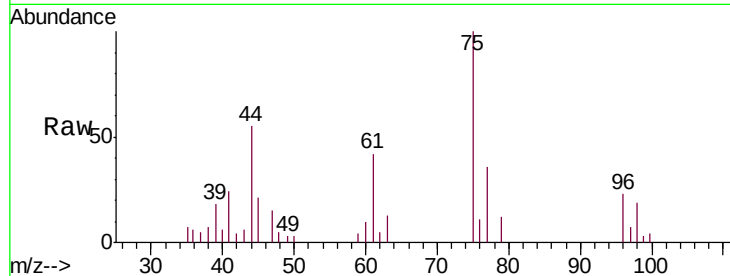




#21
 2,2-Dichloropropane
 Concen: 0.334 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

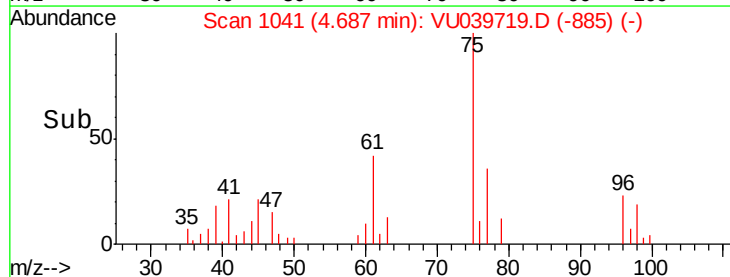
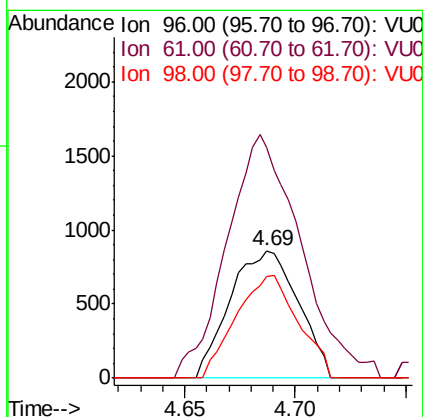
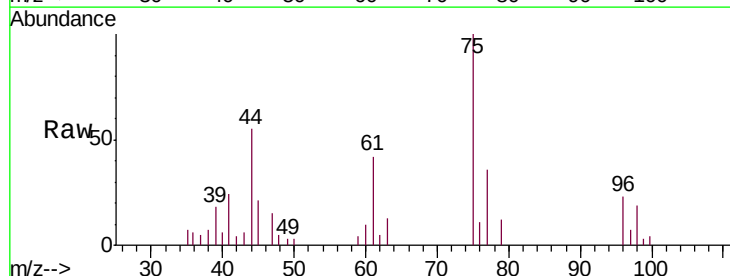
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

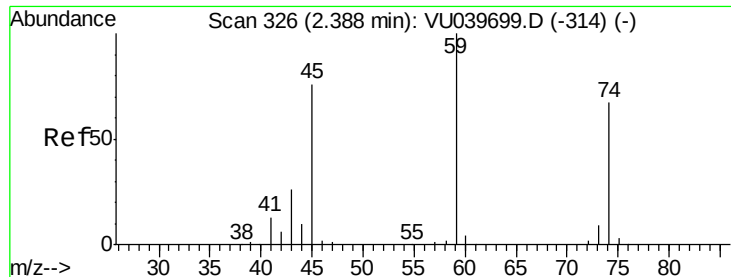
Tgt Ion: 77 Resp: 3953
 Ion Ratio Lower Upper
 77 100
 97 16.0 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.259 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion: 96 Resp: 1843
 Ion Ratio Lower Upper
 96 100
 61 207.1 0.0 451.3
 98 73.3 32.6 98.0

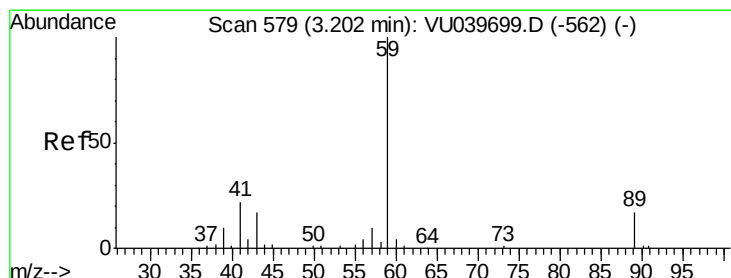
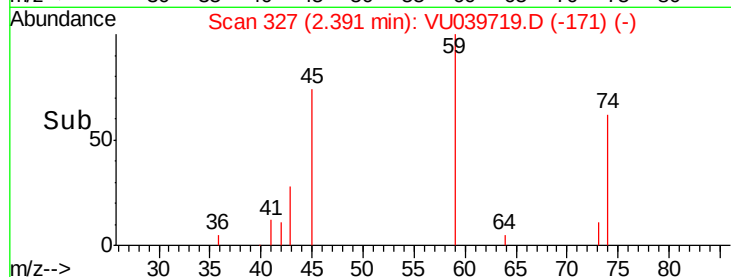
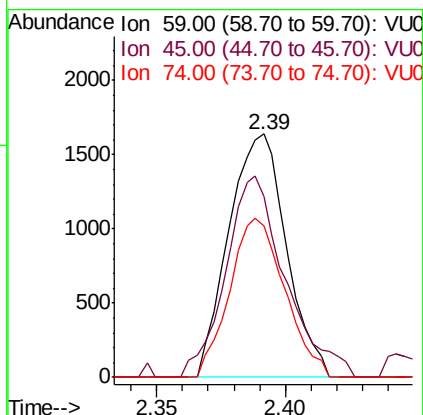
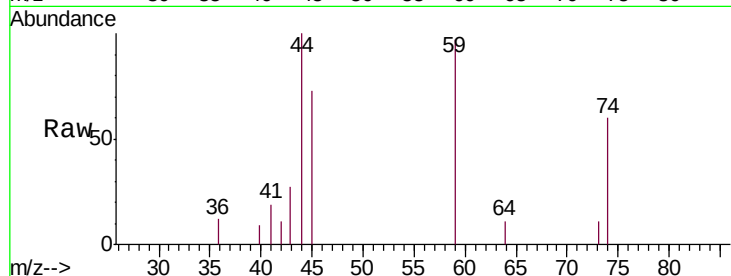




#23
Diethyl Ether
Concen: 0.429 ug/l
RT: 2.39 min Scan# 327
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

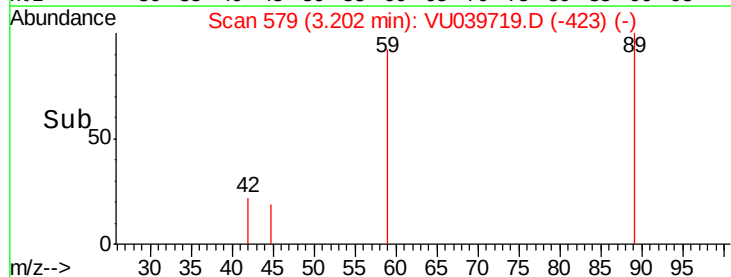
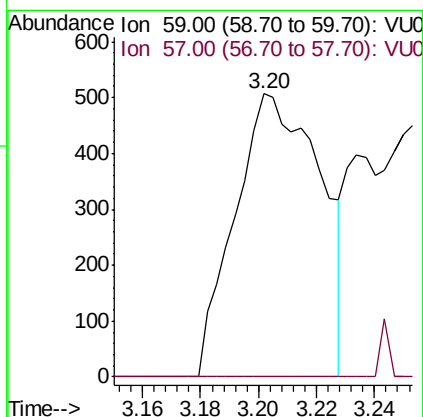
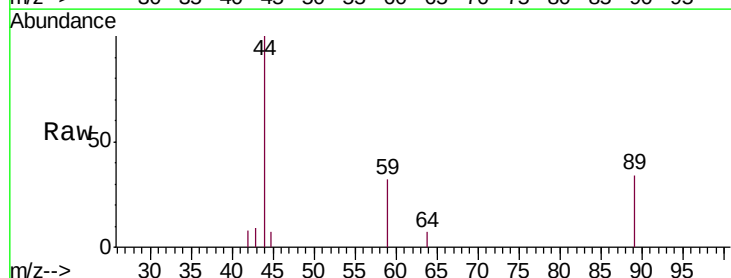
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

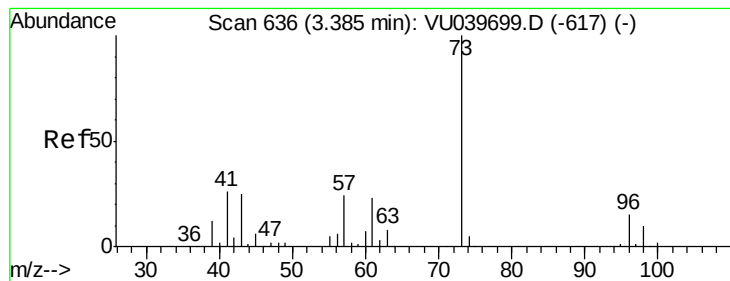
Tgt Ion: 59 Resp: 2552
Ion Ratio Lower Upper
59 100
45 85.7 61.5 92.3
74 62.6 54.3 81.5



#24
tert-Butyl Alcohol
Concen: Below Cal
RT: 3.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#25

Methyl tert-Butyl Ether

Concen: 0.263 ug/l

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

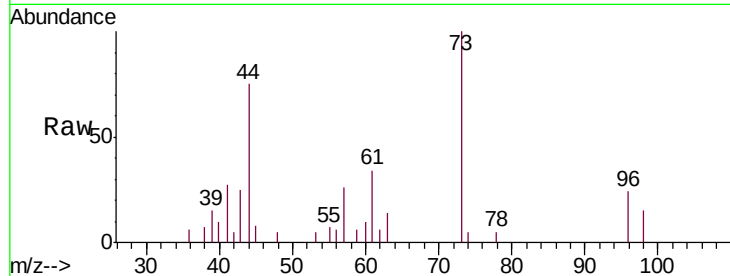
MDL-WATER-03-QT3-2020

Tgt Ion: 73 Resp: 4982

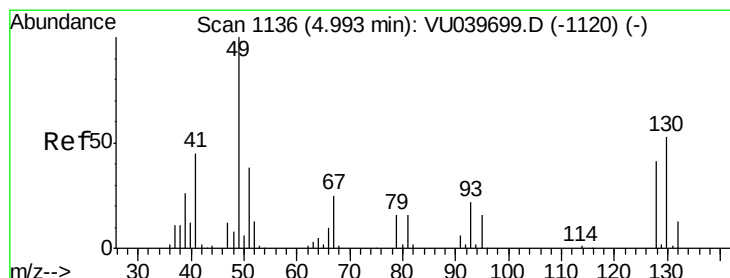
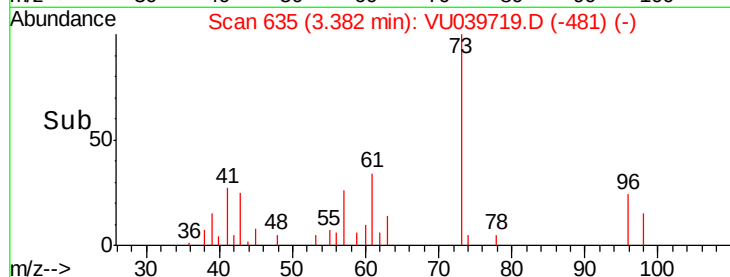
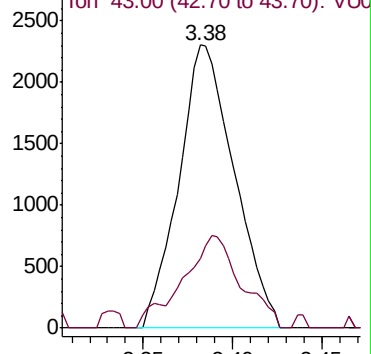
Ion Ratio Lower Upper

73 100

43 34.6 20.1 30.1#



Abundance Ion 73.00 (72.70 to 73.70): VU039719.D (-617) (-)



#26

Bromochloromethane

Concen: 0.264 ug/l

RT: 5.00 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

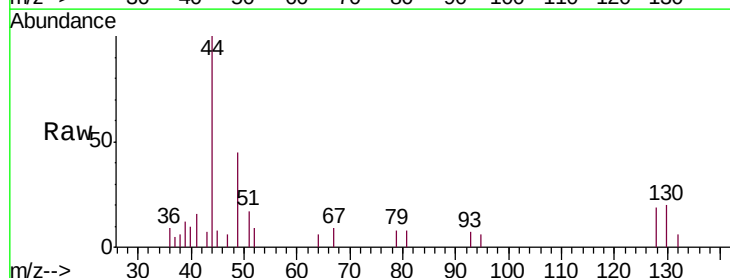
Tgt Ion: 128 Resp: 771

Ion Ratio Lower Upper

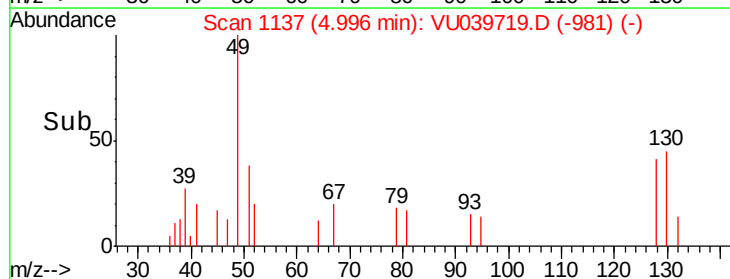
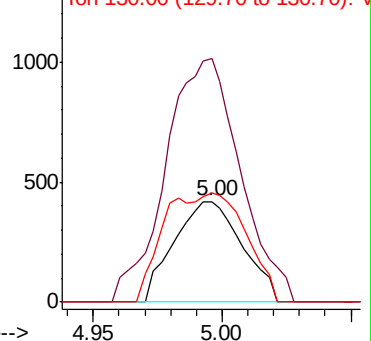
128 100

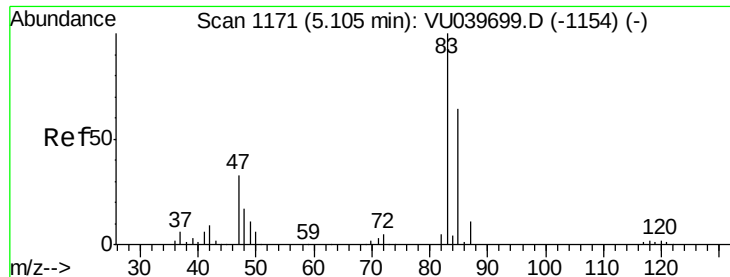
49 265.6 0.0 503.8

130 47.1 102.7 154.1#



Abundance Ion 128.00 (127.70 to 128.70): VU039719.D (-1120) (-)

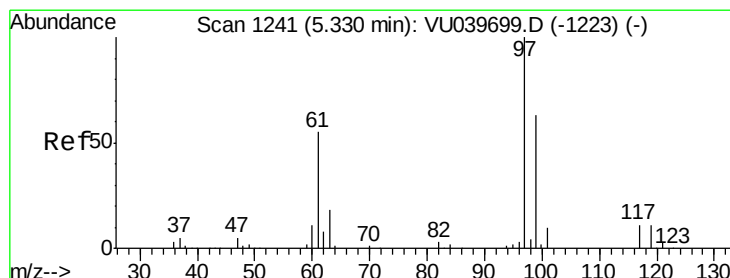
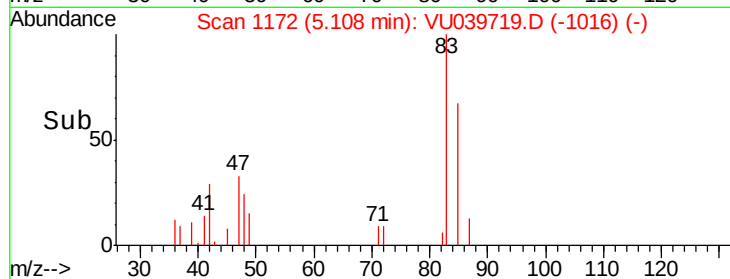
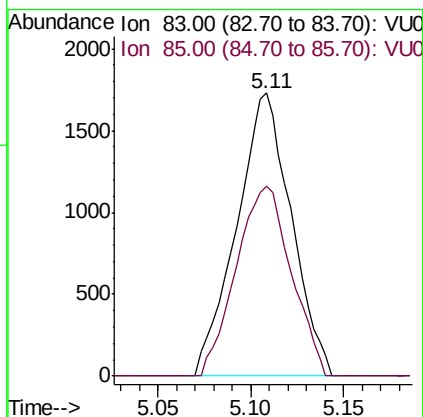
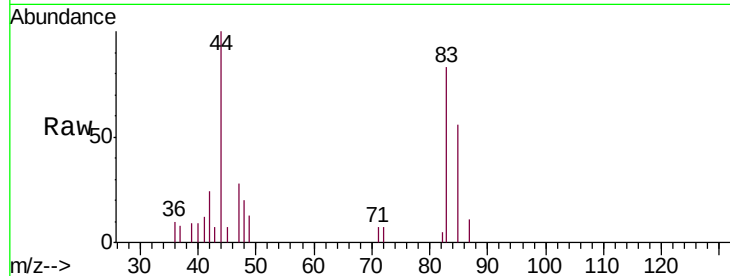




#27
Chloroform
Concen: 0.261 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

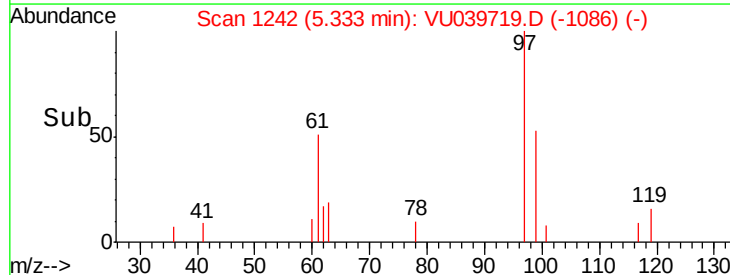
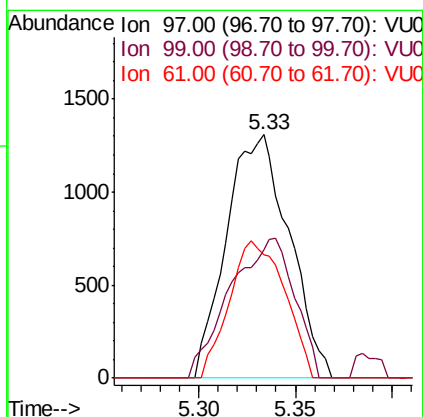
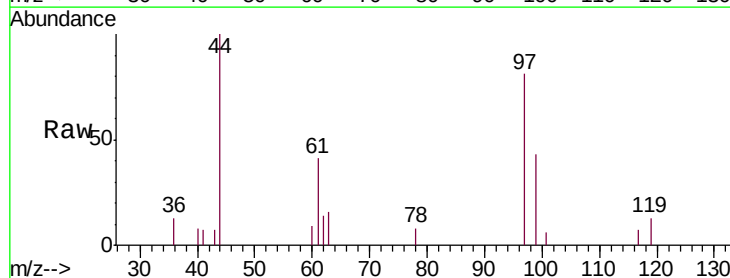
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

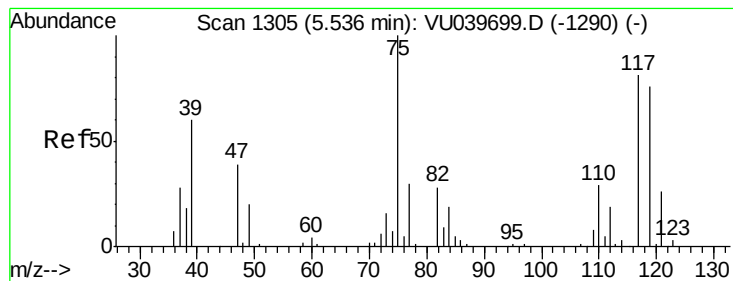
Tgt Ion: 83 Resp: 3541
Ion Ratio Lower Upper
83 100
85 67.3 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 0.268 ug/l
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 97 Resp: 2950
Ion Ratio Lower Upper
97 100
99 59.3 32.2 96.6
61 49.7 28.3 85.0





#29

1,1-Dichloropropene

Concen: 0.274 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

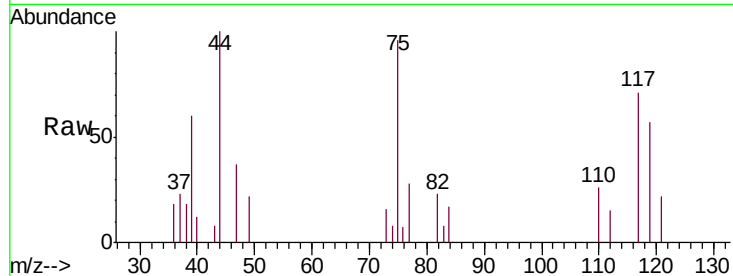
Tgt Ion: 75 Resp: 2901

Ion Ratio Lower Upper

75 100

110 24.3 14.6 44.0

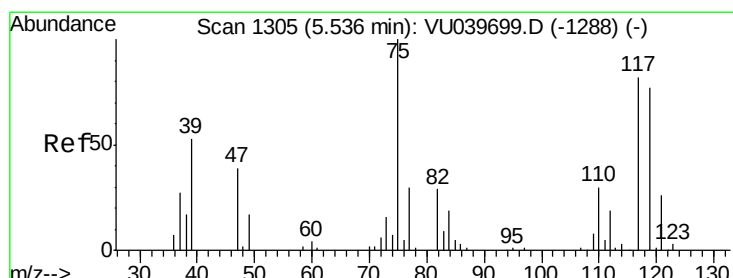
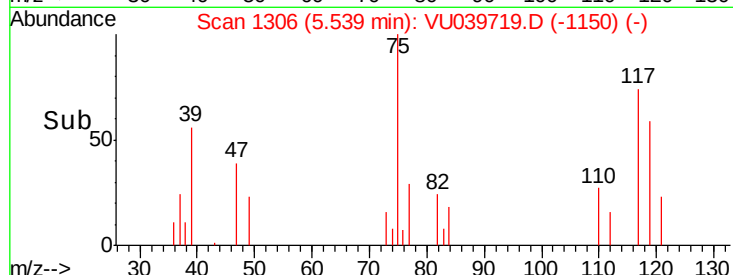
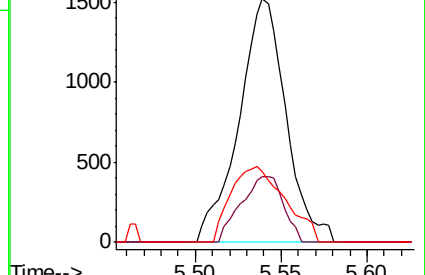
77 35.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 0.257 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

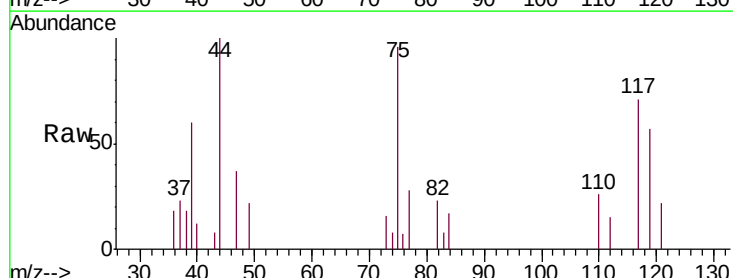
Tgt Ion: 117 Resp: 2307

Ion Ratio Lower Upper

117 100

119 80.0 75.2 112.8

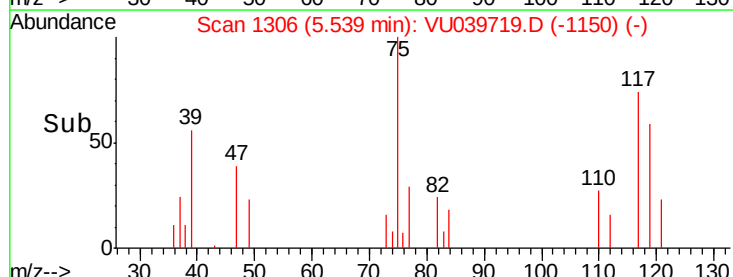
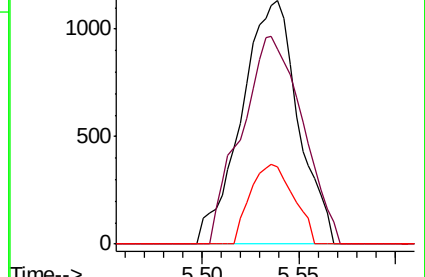
121 31.5 25.4 38.2

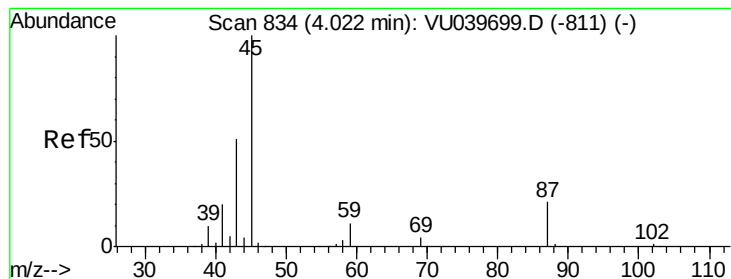


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 0.284 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

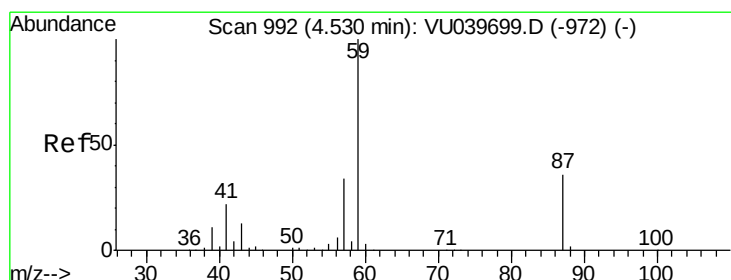
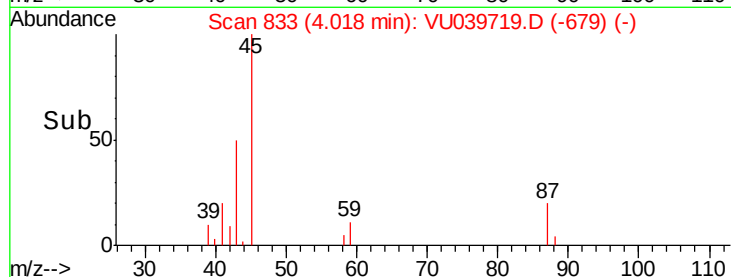
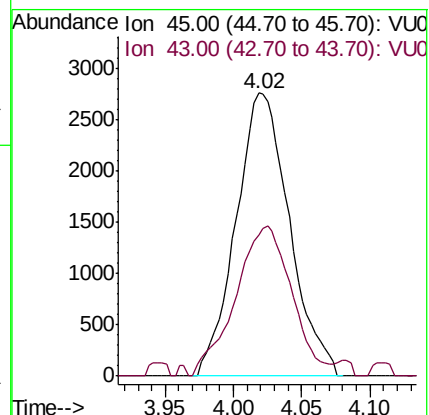
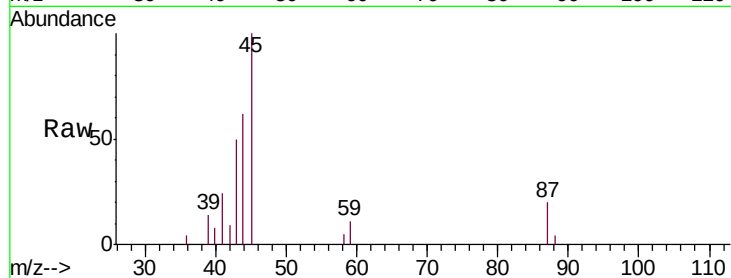
MDL-WATER-03-QT3-2020

Tgt Ion: 45 Resp: 7509

Ion Ratio Lower Upper

45 100

43 56.0 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 0.264 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039719.D

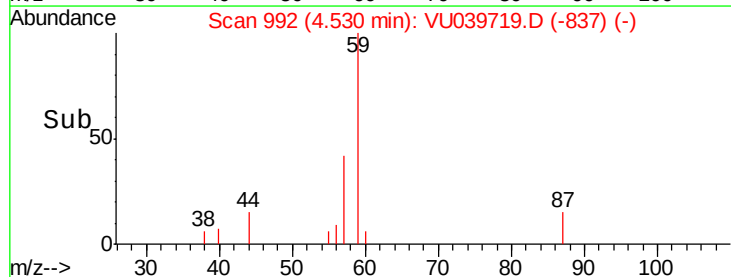
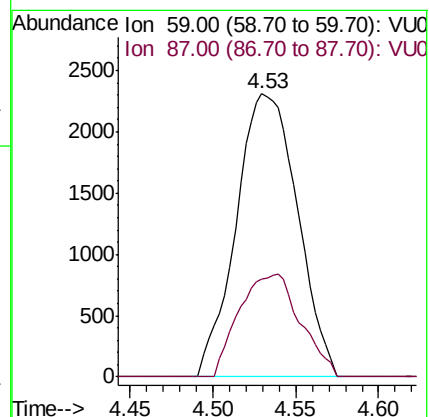
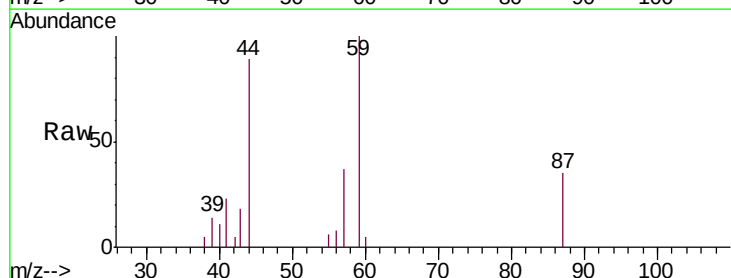
Acq: 30 Jul 2020 12:53

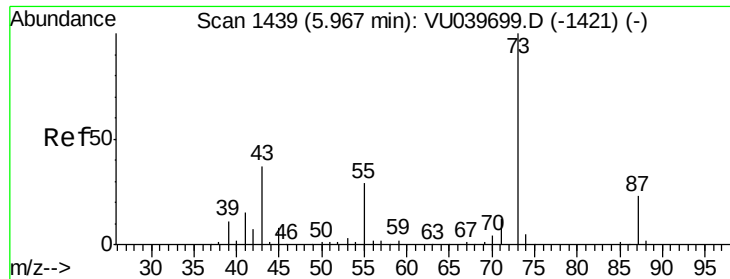
Tgt Ion: 59 Resp: 5945

Ion Ratio Lower Upper

59 100

87 36.2 29.4 44.0



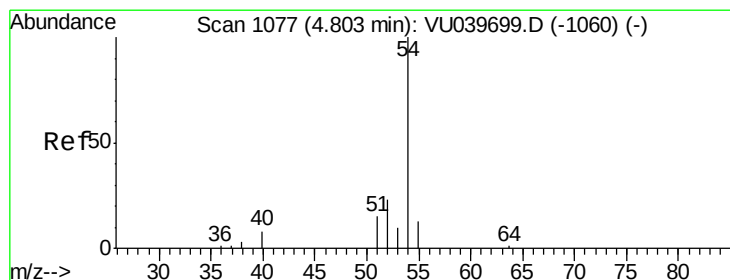
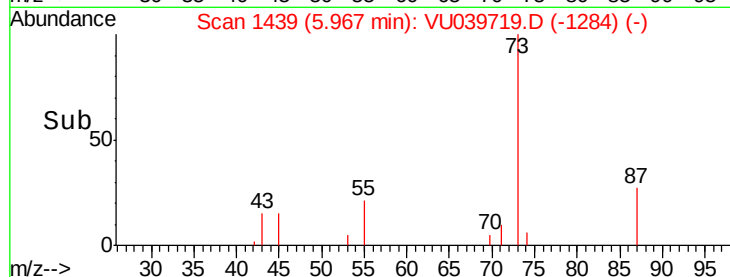
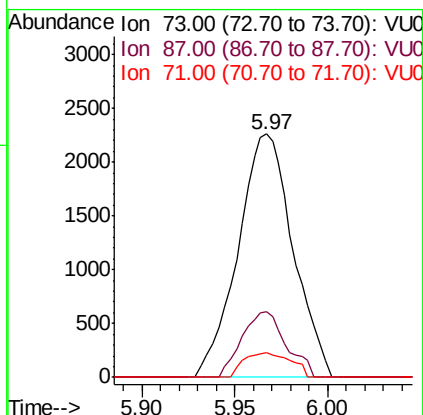
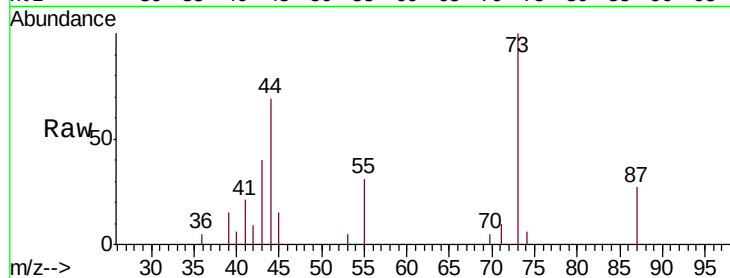


#33

Tert-Amyl methyl ether
Concen: 0.287 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

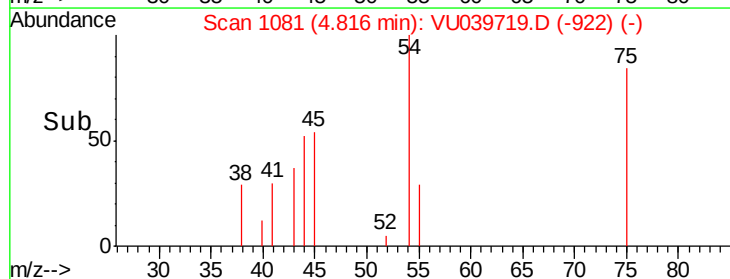
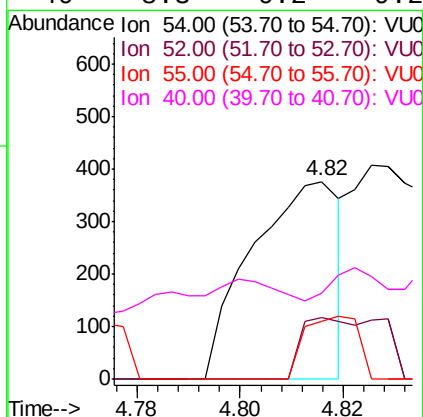
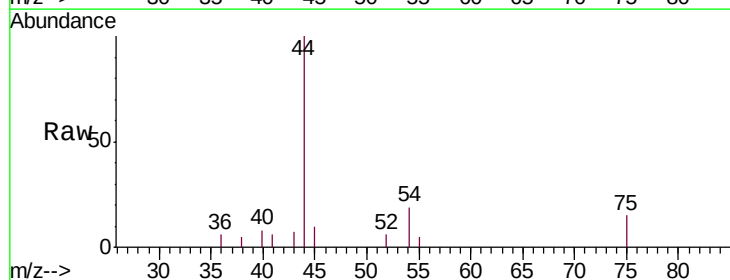
Tgt Ion: 73 Resp: 4669
Ion Ratio Lower Upper
73 100
87 21.7 18.7 28.1
71 8.7 9.1 13.7#

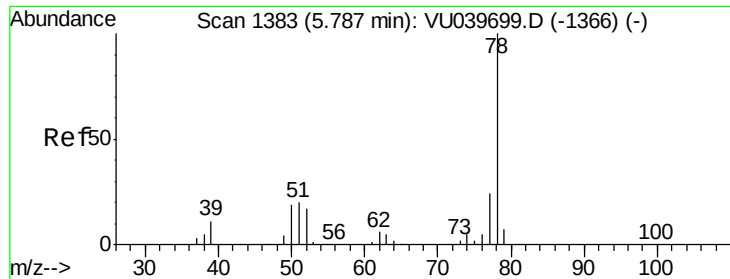


#34

Propionitrile
Concen: 0.560 ug/l
RT: 4.82 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 54 Resp: 446
Ion Ratio Lower Upper
54 100
52 28.9 16.9 25.3#
55 19.3 12.9 19.3
40 8.3 6.2 9.2





#35

Benzene

Concen: 0.293 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

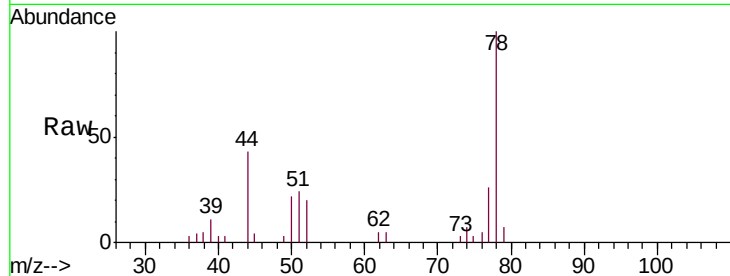
MDL-WATER-03-QT3-2020

Tgt Ion: 78 Resp: 7676

Ion Ratio Lower Upper

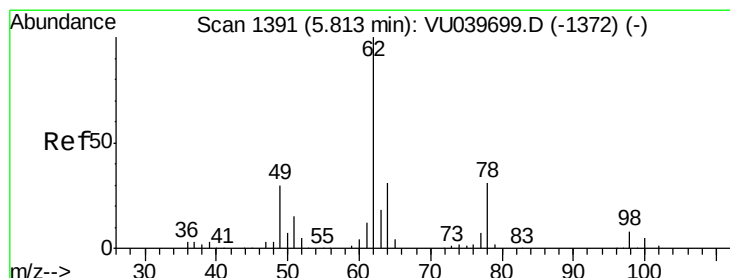
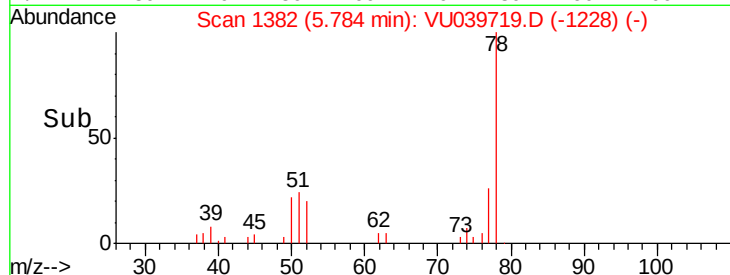
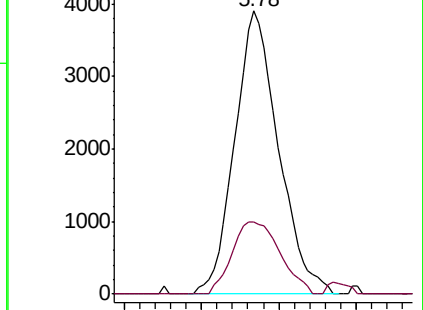
78 100

77 25.6 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 0.320 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039719.D

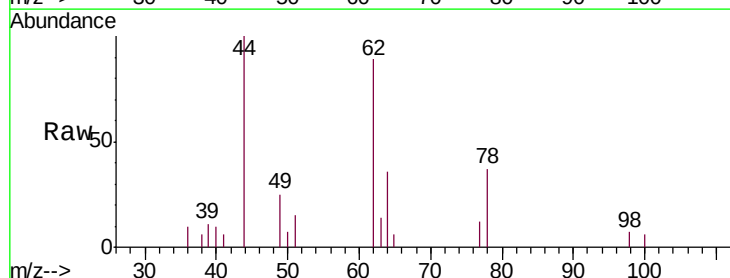
Acq: 30 Jul 2020 12:53

Tgt Ion: 62 Resp: 3140

Ion Ratio Lower Upper

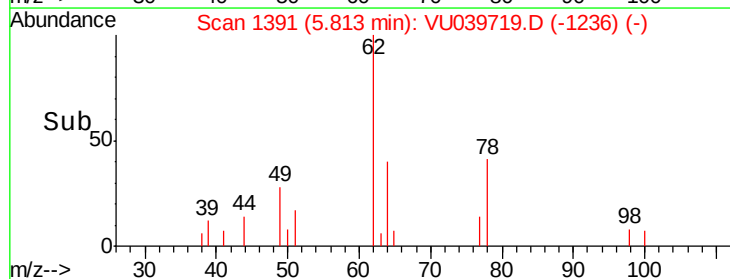
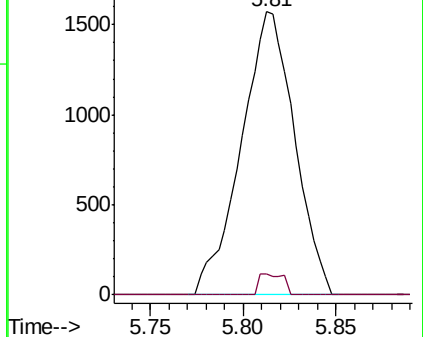
62 100

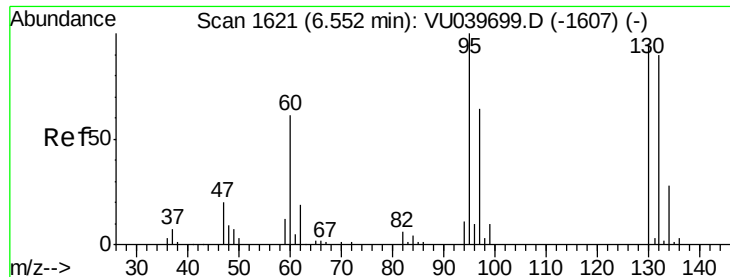
98 3.4 6.2 9.2#



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

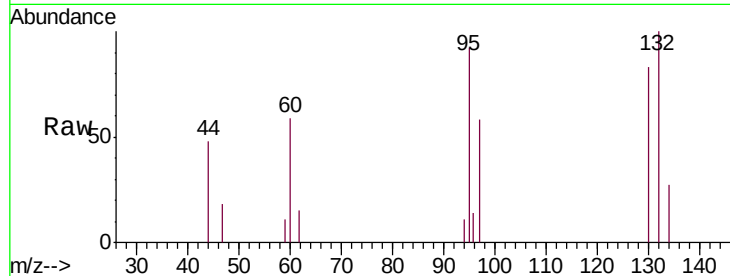




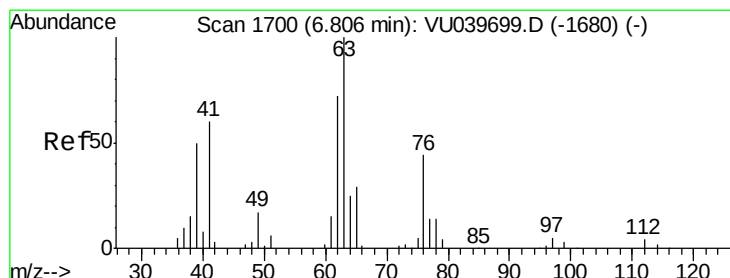
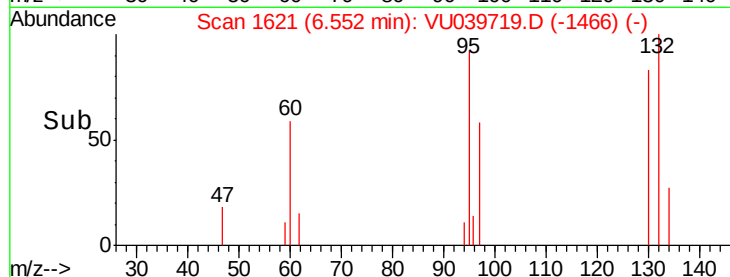
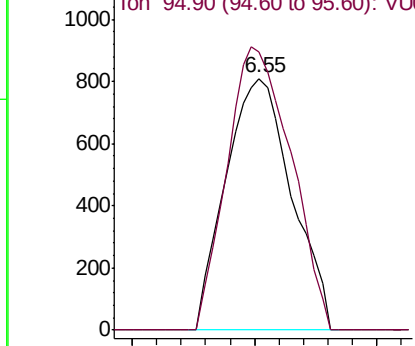
#37
 Trichloroethene
 Concen: 0.253 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tgt Ion: 130 Resp: 1518
 Ion Ratio Lower Upper
 130 100
 95 110.5 84.3 126.5

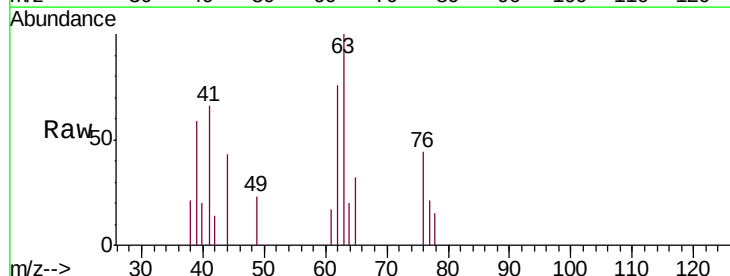


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

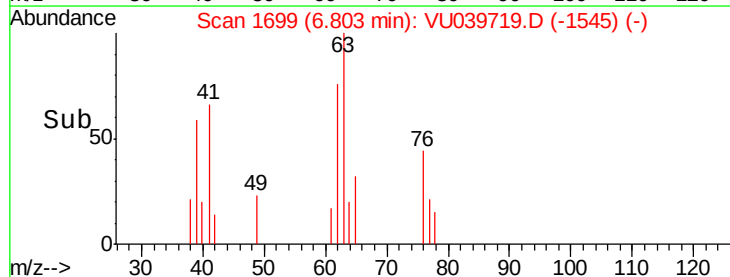
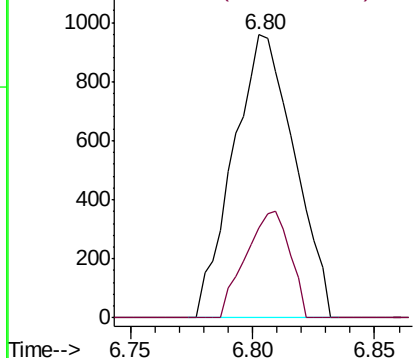


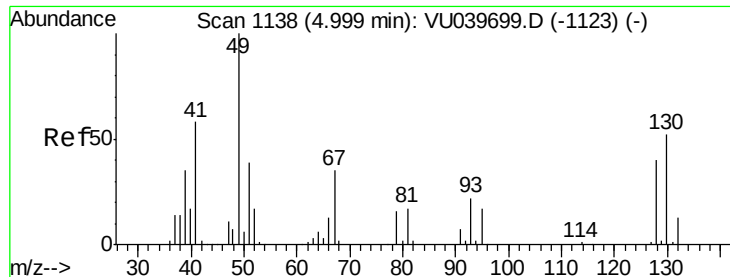
#38
 1,2-Dichloropropane
 Concen: 0.231 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion: 63 Resp: 1665
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)





#39

Methacrylonitrile

Concen: 0.334 ug/l

RT: 5.00 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

Tgt Ion: 41 Resp: 1403

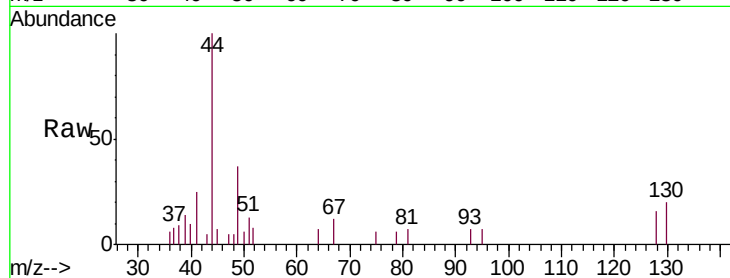
Ion Ratio Lower Upper

41 100

67 38.0 48.3 72.5#

39 29.7 47.6 71.4#

52 24.7 23.9 35.9

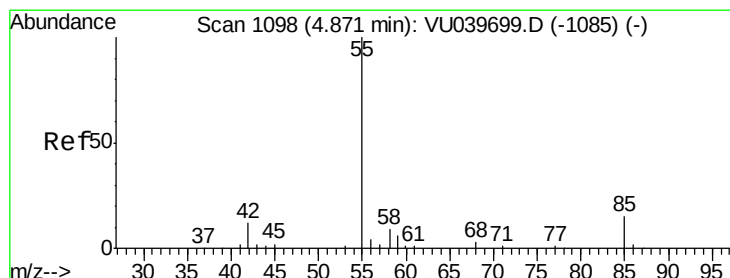
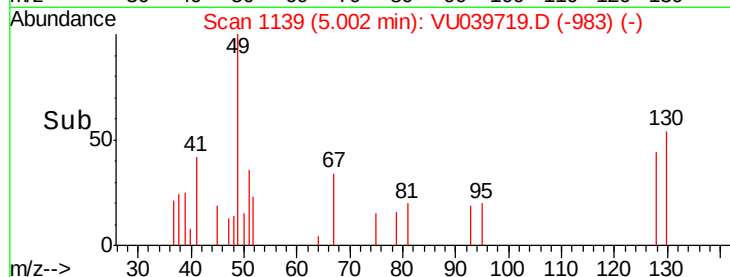
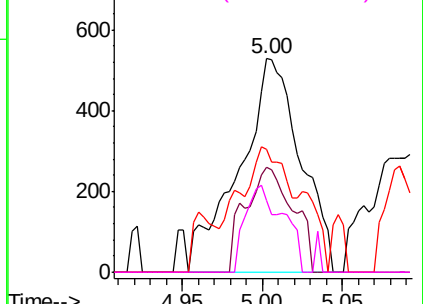


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 0.319 ug/l

RT: 4.88 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Tgt Ion: 55 Resp: 1728

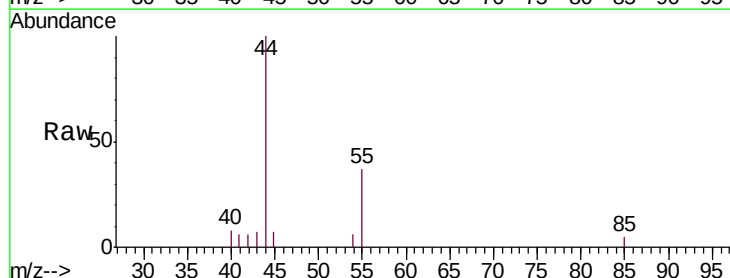
Ion Ratio Lower Upper

55 100

85 5.7 11.4 17.0#

58 0.0 7.4 11.0#

42 11.5 10.3 15.5

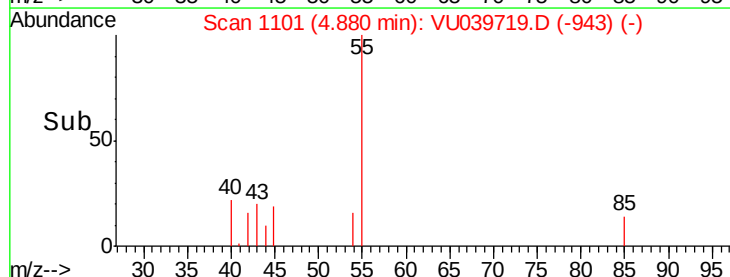
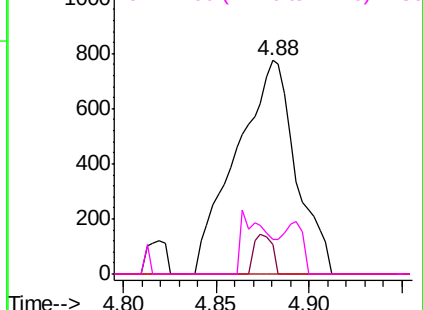


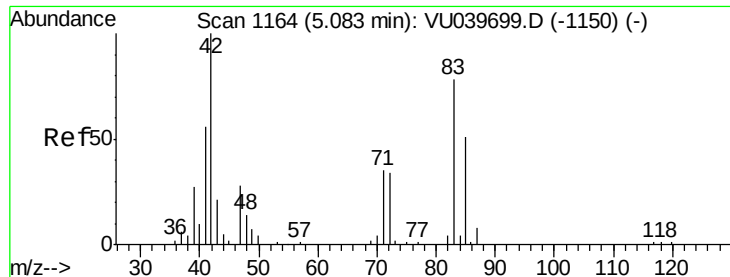
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 0.740 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

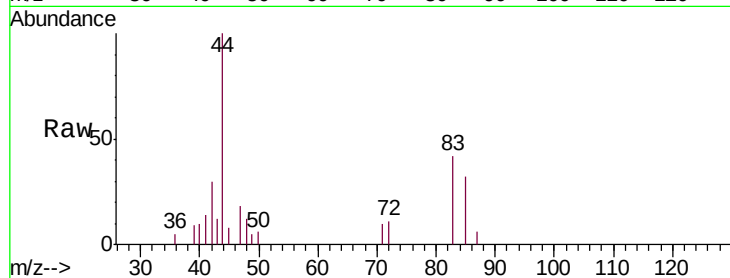
Tgt Ion: 42 Resp: 1564

Ion Ratio Lower Upper

42 100

72 19.2 31.0 46.6#

71 20.7 28.2 42.4#

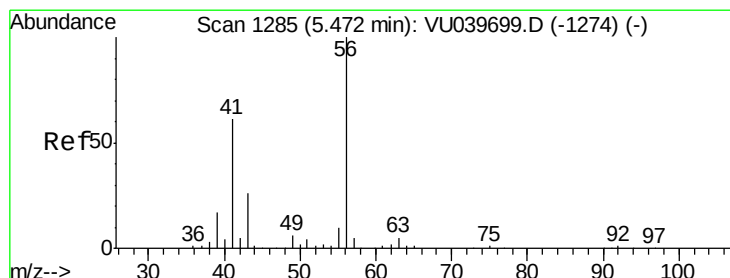
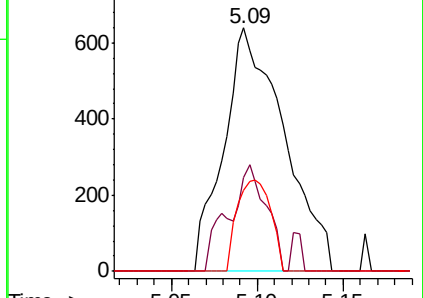
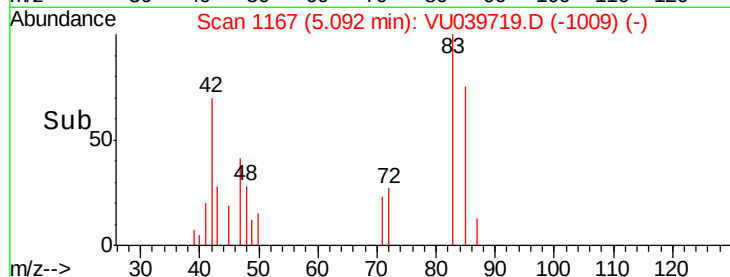


Abundance Ion 42.00 (41.70 to 42.70): VU039719.D (-1164) (-)

Ion 72.00 (71.70 to 72.70): VU039719.D (-1164) (-)

Ion 71.00 (70.70 to 71.70): VU039719.D (-1164) (-)

Time-->



#42

1-Chlorobutane

Concen: 0.259 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039719.D

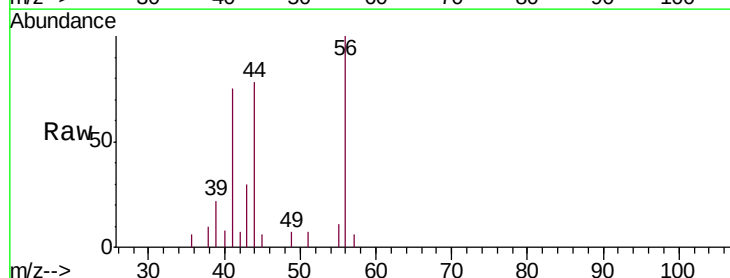
Acq: 30 Jul 2020 12:53

Tgt Ion: 56 Resp: 4302

Ion Ratio Lower Upper

56 100

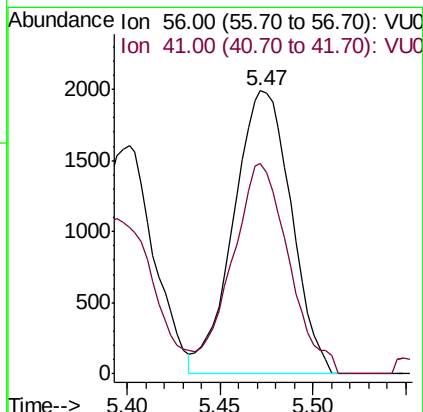
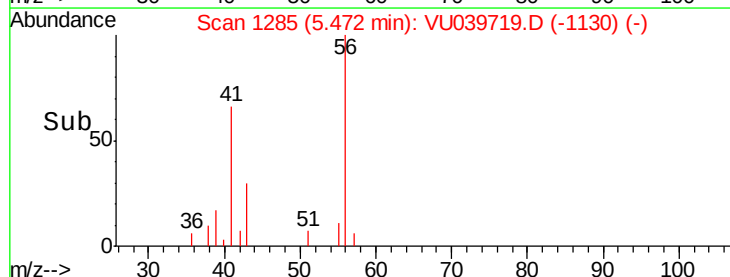
41 72.9 30.5 91.5

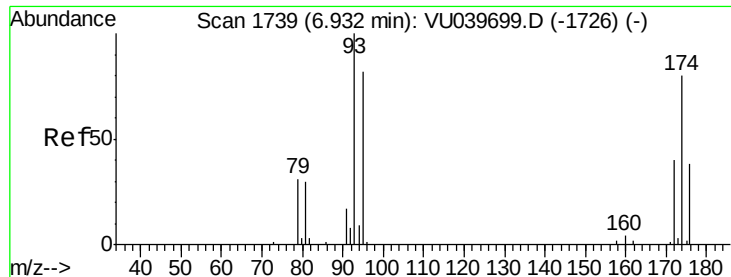


Abundance Ion 56.00 (55.70 to 56.70): VU039719.D (-1285) (-)

Ion 41.00 (40.70 to 41.70): VU039719.D (-1285) (-)

Time-->





#43

Dibromomethane

Concen: 0.273 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

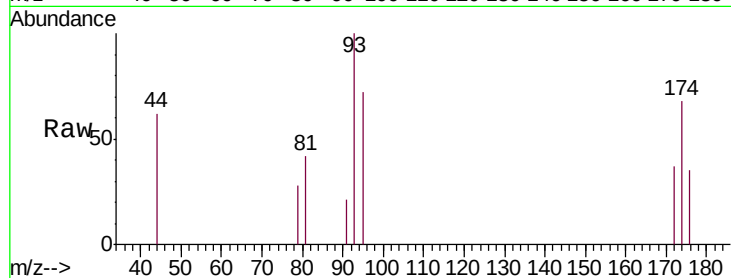
Tgt Ion: 93 Resp: 1062

Ion Ratio Lower Upper

93 100

95 68.9 66.6 99.8

174 54.3 62.7 94.1#



Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

6.93

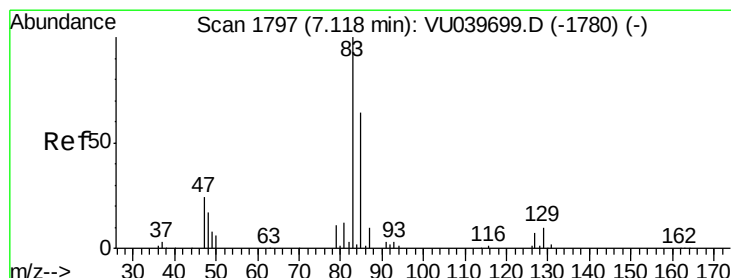
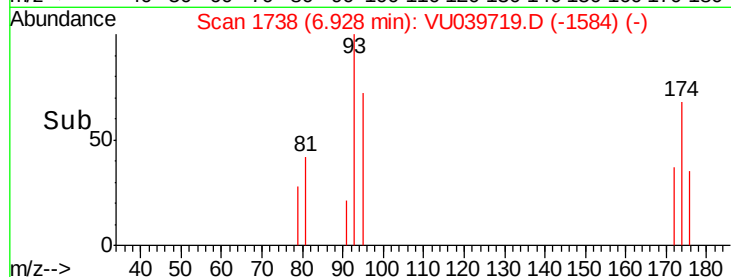
400

200

0

6.90 6.95

Time-->



#44

Bromodichloromethane

Concen: 0.255 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

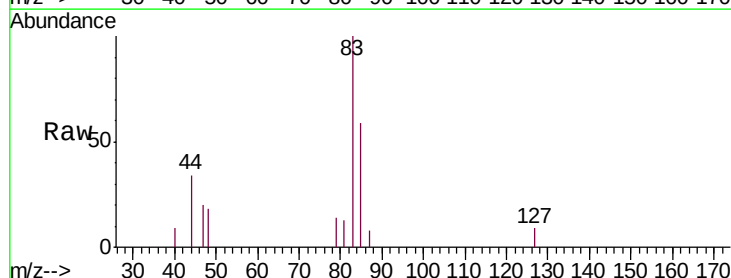
Tgt Ion: 83 Resp: 2275

Ion Ratio Lower Upper

83 100

85 58.7 50.8 76.2

127 9.2 5.8 8.6#



Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-1780) (-)

7.12

1500

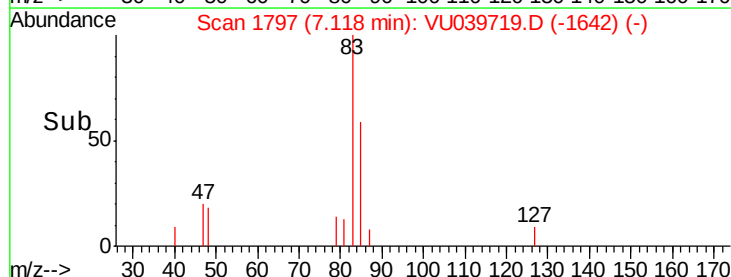
1000

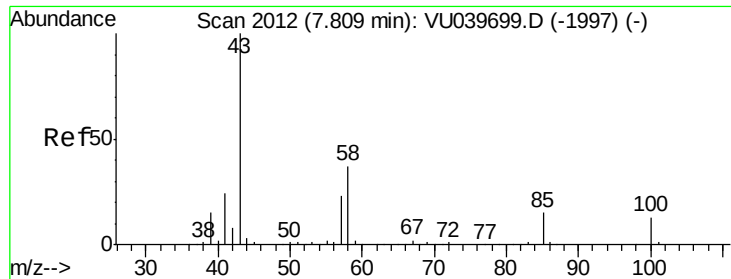
500

0

7.10 7.15

Time-->

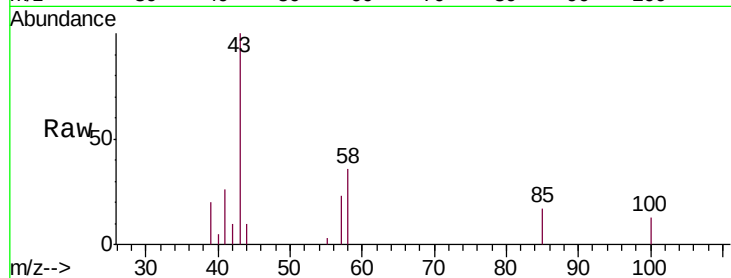




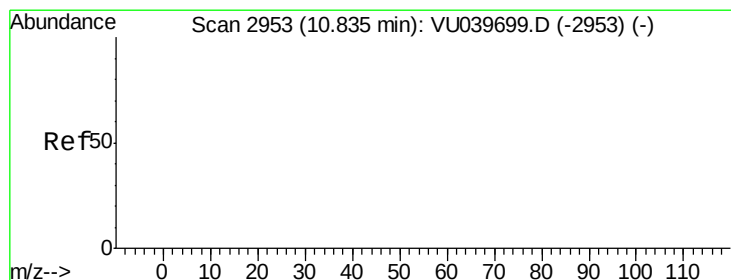
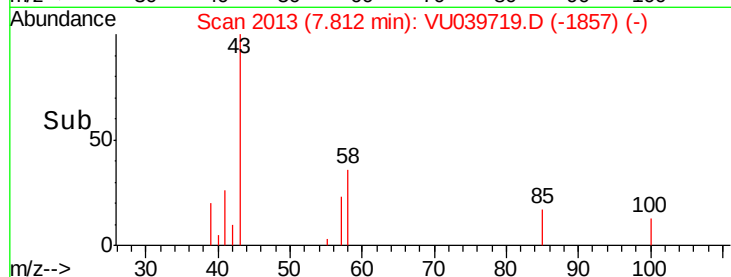
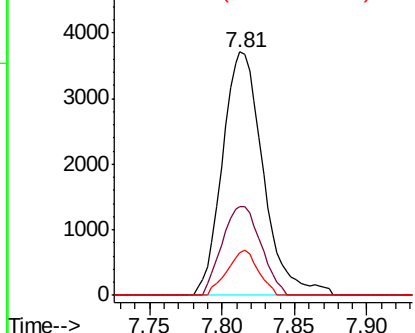
#45
4-Methyl-2-Pentanone
Concen: 1.231 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Tgt Ion: 43 Resp: 7242
Ion Ratio Lower Upper
43 100
58 34.4 18.4 55.0
85 14.1 11.8 17.6

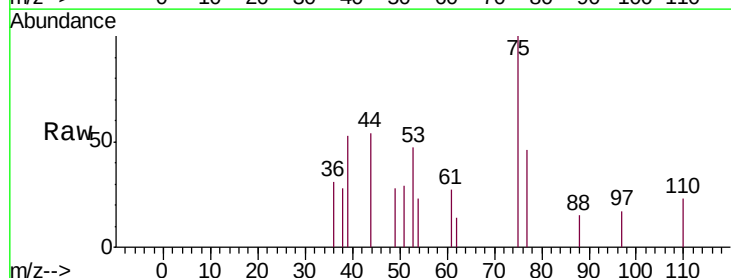


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

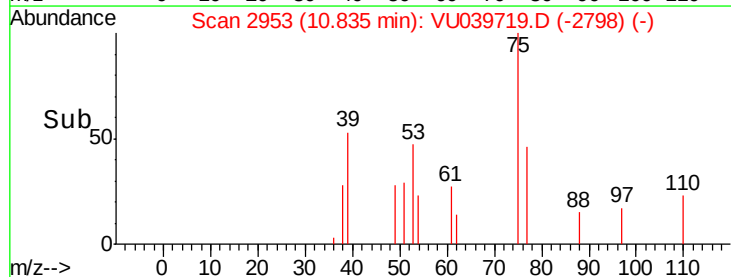
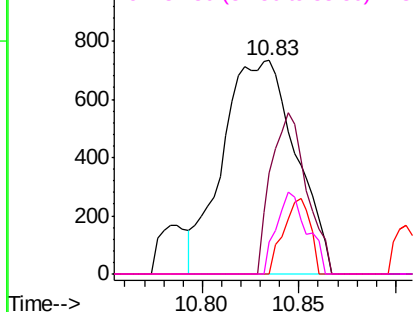


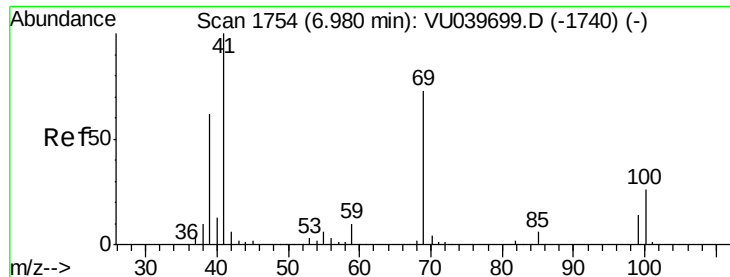
#46
t-1,4-Dichloro-2-butene
Concen: 1.099 ug/l
RT: 10.83 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 75 Resp: 1924
Ion Ratio Lower Upper
75 100
53 37.3 78.6 118.0#
89 12.9 40.3 60.5#
88 16.0 34.0 51.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

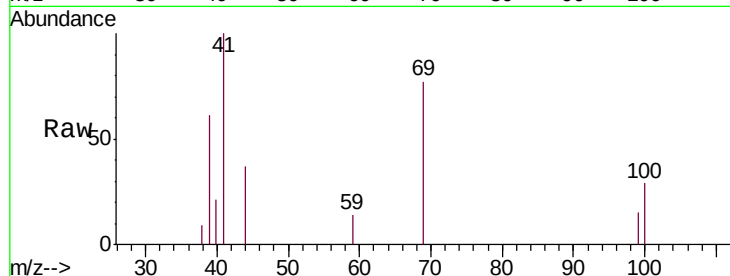




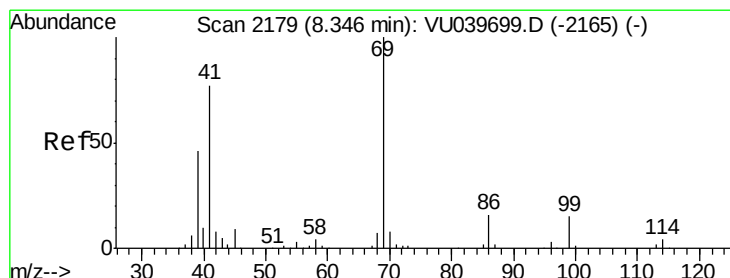
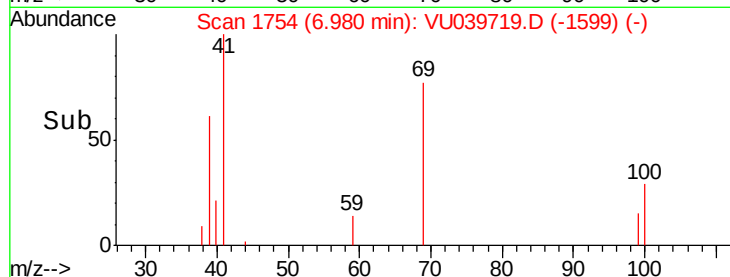
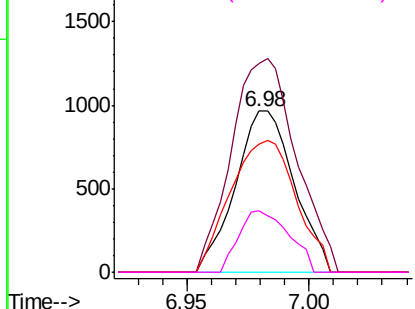
#47
Methyl methacrylate
Concen: 0.446 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Tgt Ion: 69 Resp: 1615
Ion Ratio Lower Upper
69 100
41 146.1 0.0 271.6
39 91.5 67.4 101.2
100 32.6 28.3 42.5

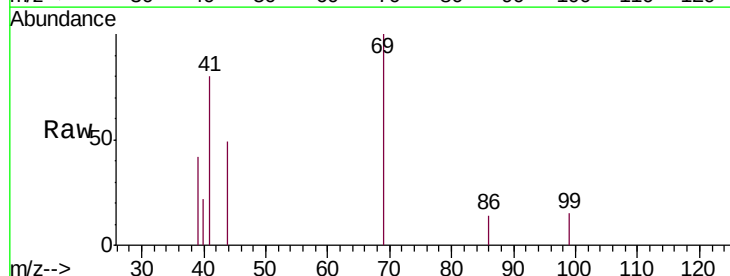


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

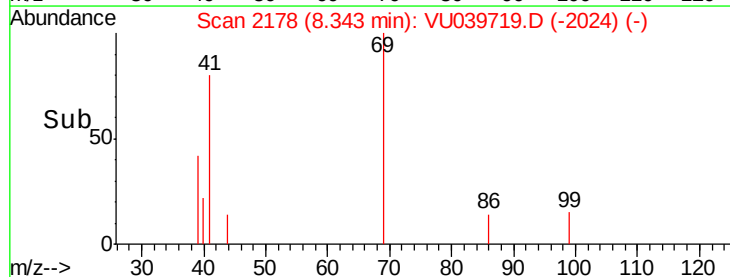
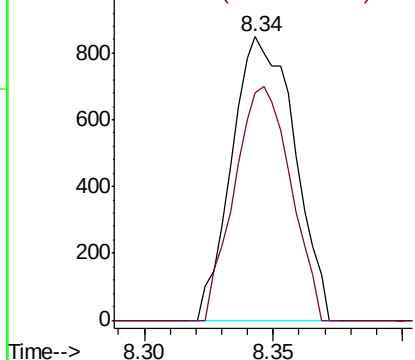


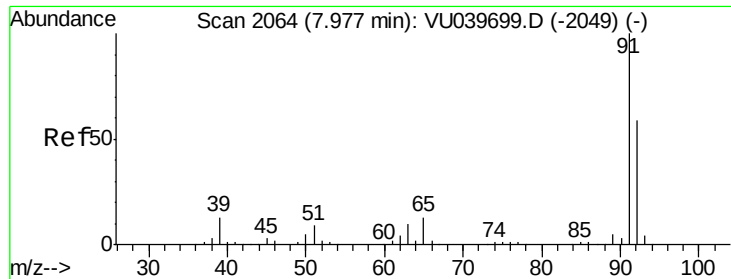
#48
Ethyl methacrylate
Concen: 0.215 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 69 Resp: 1434
Ion Ratio Lower Upper
69 100
41 74.0 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 0.205 ug/l

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

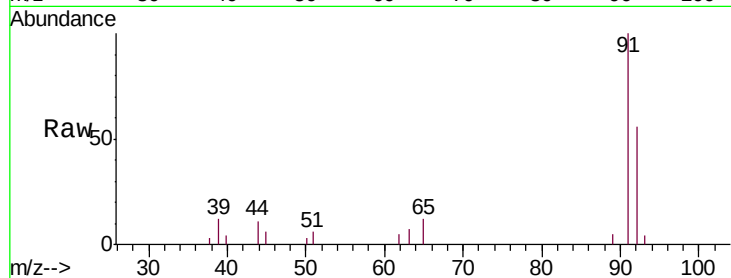
MDL-WATER-03-QT3-2020

Tgt Ion: 92 Resp: 3191

Ion Ratio Lower Upper

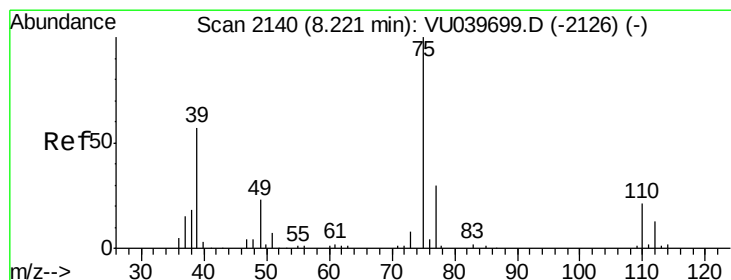
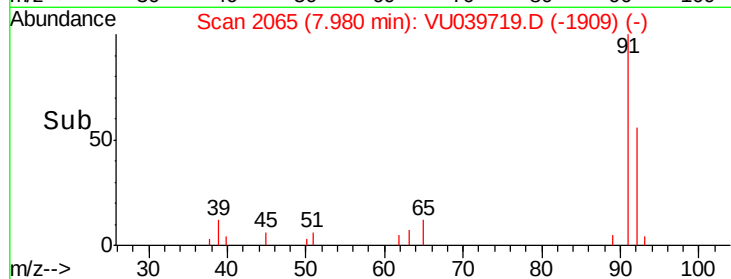
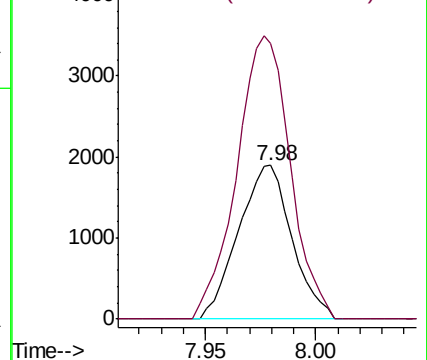
92 100

91 184.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039719.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039719.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 0.204 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039719.D

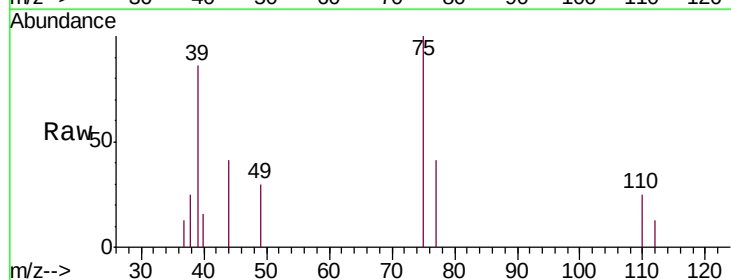
Acq: 30 Jul 2020 12:53

Tgt Ion: 75 Resp: 1638

Ion Ratio Lower Upper

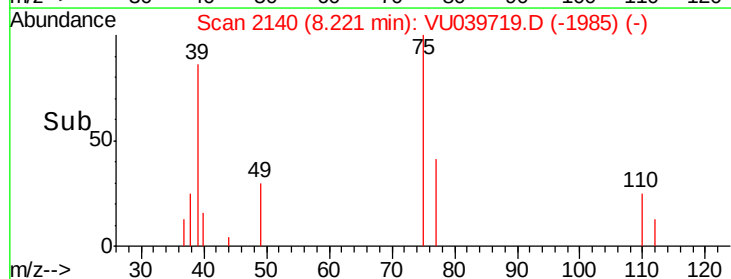
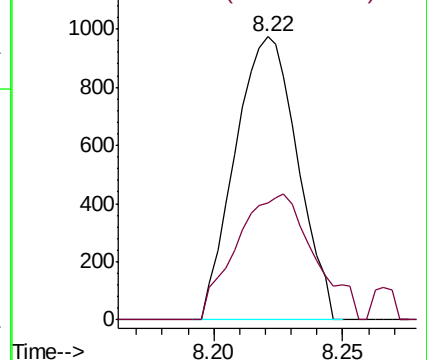
75 100

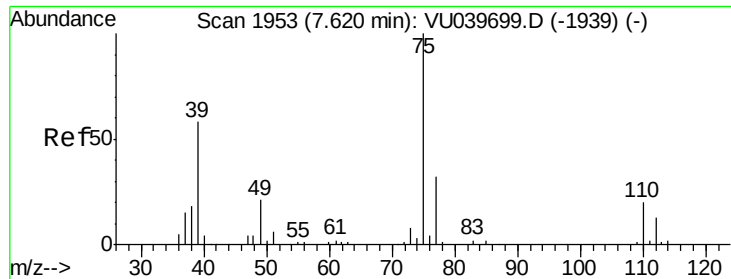
77 41.2 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VU039719.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039719.D (-1985) (-)



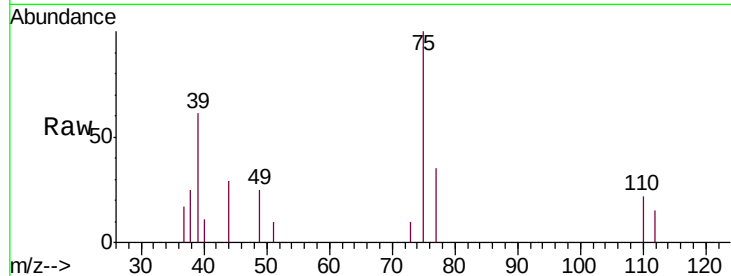


#51

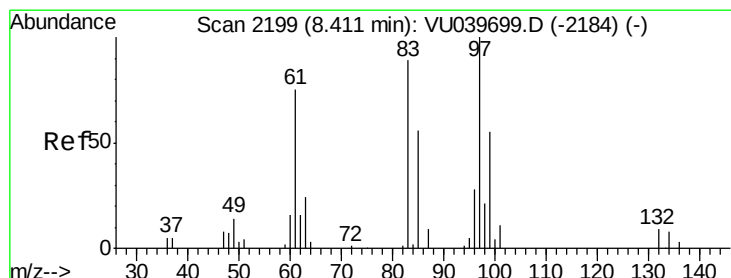
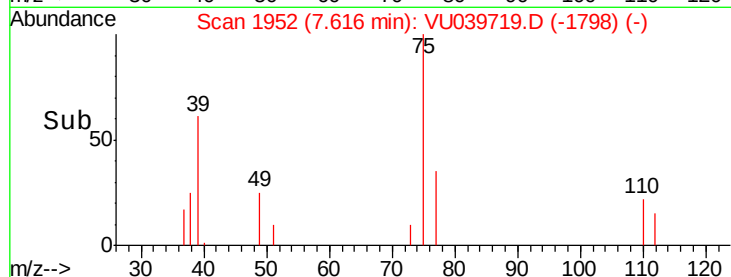
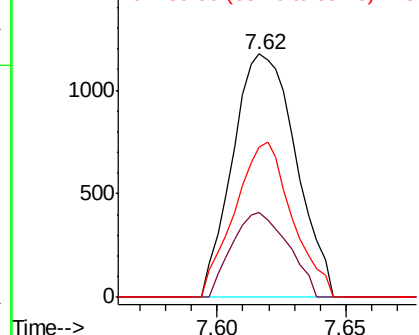
cis-1,3-Dichloropropene
Concen: 0.213 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Tgt Ion: 75 Resp: 2008
Ion Ratio Lower Upper
75 100
77 34.9 25.7 38.5
39 61.5 46.1 69.1



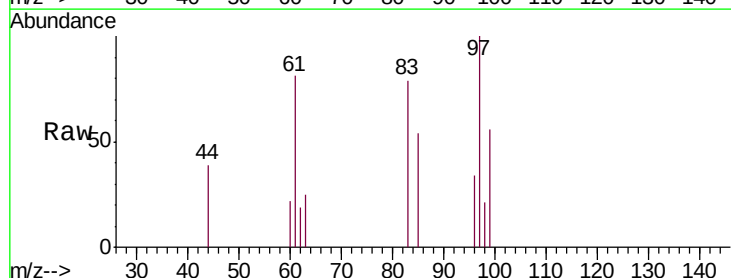
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



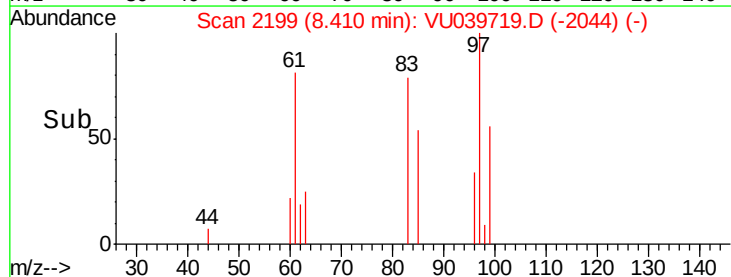
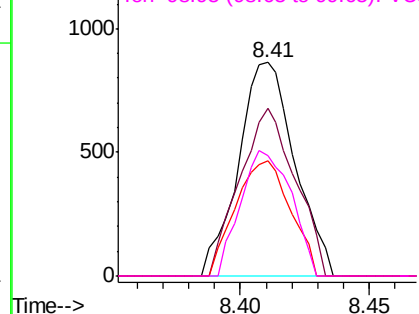
#52

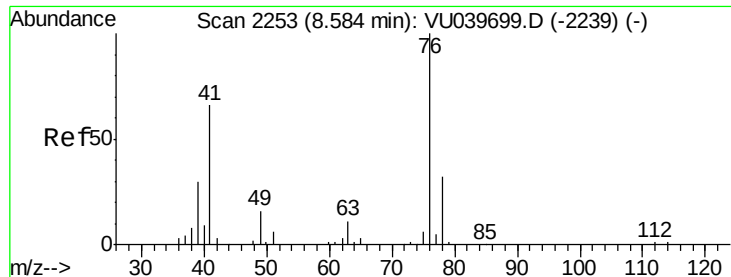
1,1,2-Trichloroethane
Concen: 0.262 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 97 Resp: 1320
Ion Ratio Lower Upper
97 100
83 78.6 71.3 106.9
85 53.7 45.4 68.2
99 56.4 49.4 74.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0

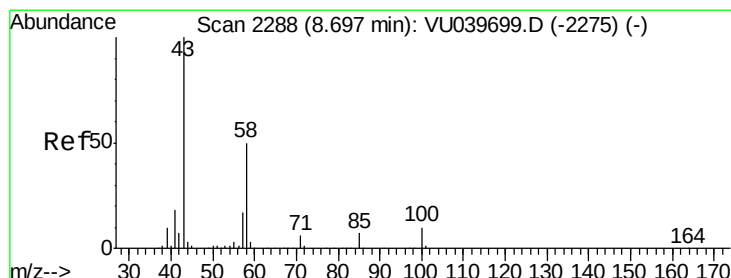
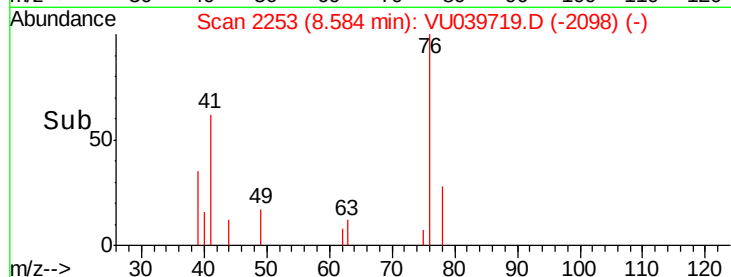
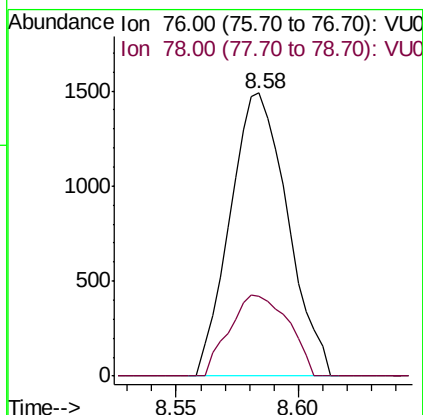
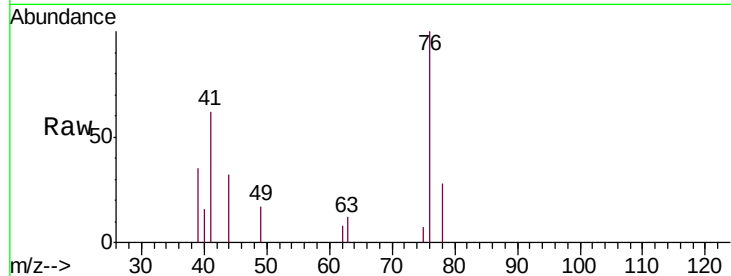




#53
 1,3-Dichloropropane
 Concen: 0.251 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

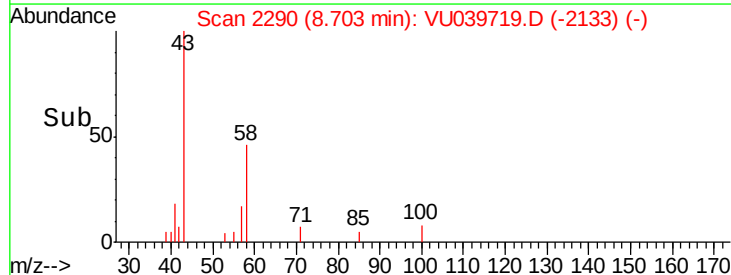
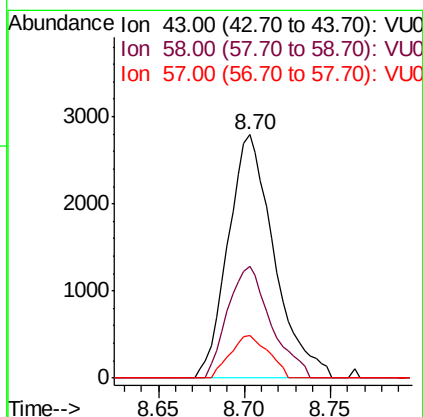
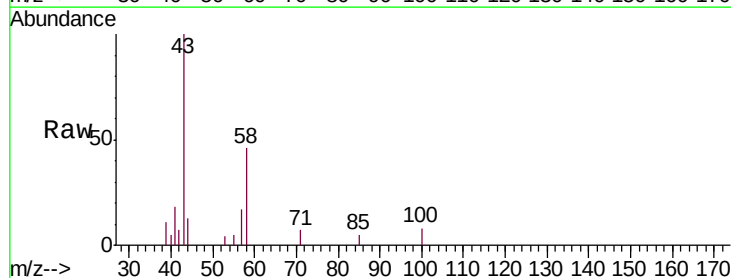
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

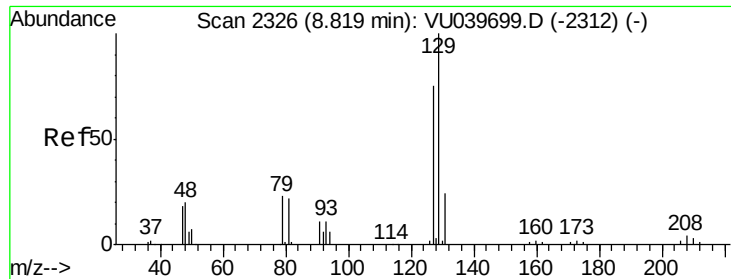
Tgt Ion: 76 Resp: 2435
 Ion Ratio Lower Upper
 76 100
 78 29.4 25.4 38.2



#54
 2-Hexanone
 Concen: 1.233 ug/l
 RT: 8.70 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion: 43 Resp: 5194
 Ion Ratio Lower Upper
 43 100
 58 43.1 29.9 69.9
 57 14.5 0.0 37.2





#55

Dibromochloromethane

Concen: 0.206 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

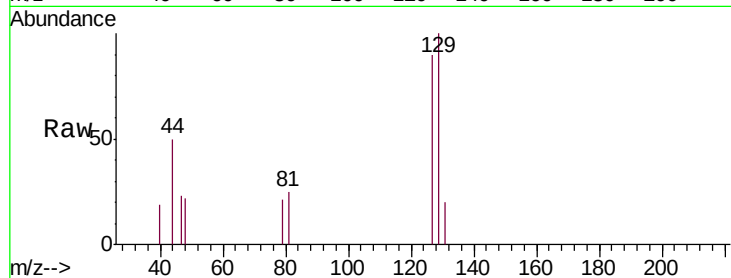
MDL-WATER-03-QT3-2020

Tgt Ion:129 Resp: 1114

Ion Ratio Lower Upper

129 100

127 87.4 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.82

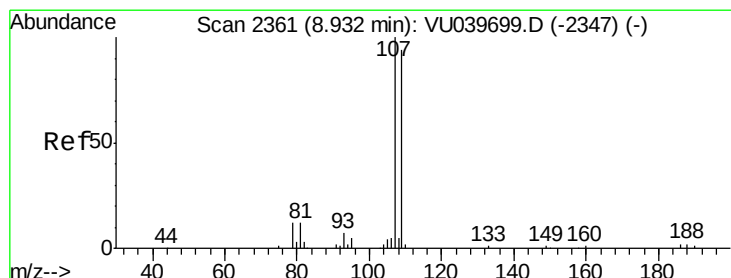
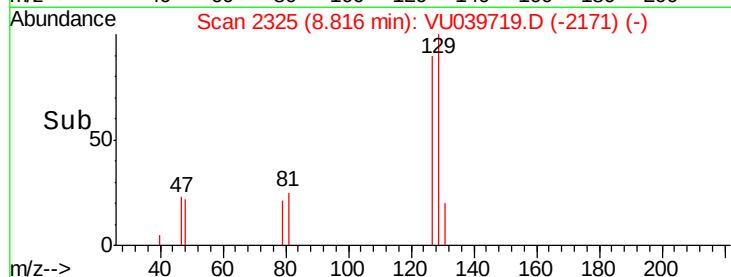
600

400

200

0

Time-->



#56

1,2-Dibromoethane

Concen: 0.237 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039719.D

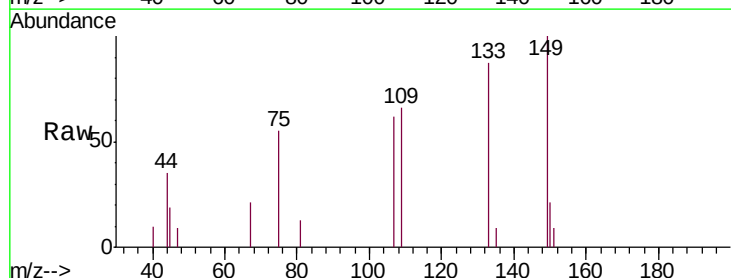
Acq: 30 Jul 2020 12:53

Tgt Ion:107 Resp: 1150

Ion Ratio Lower Upper

107 100

109 98.9 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.93

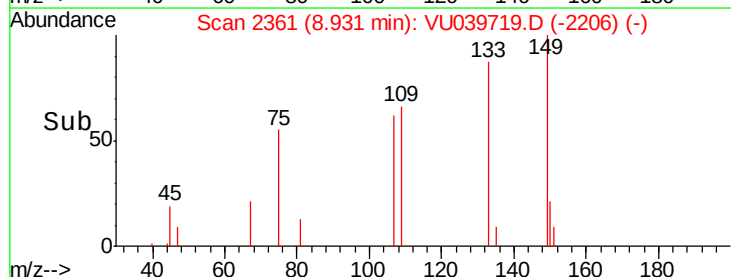
600

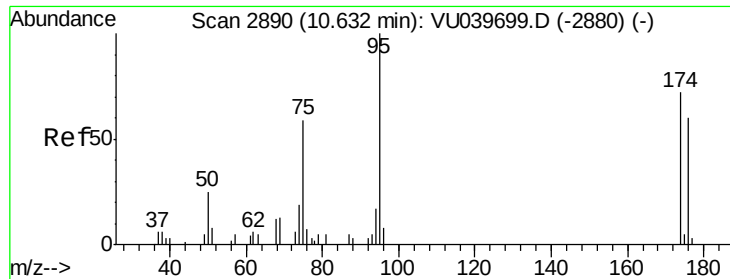
400

200

0

Time-->

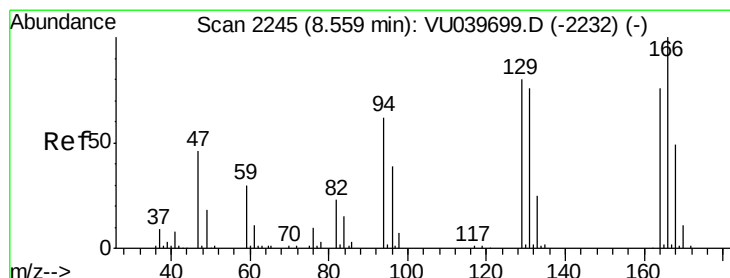
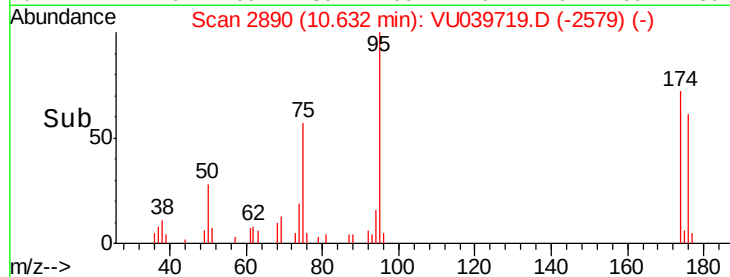
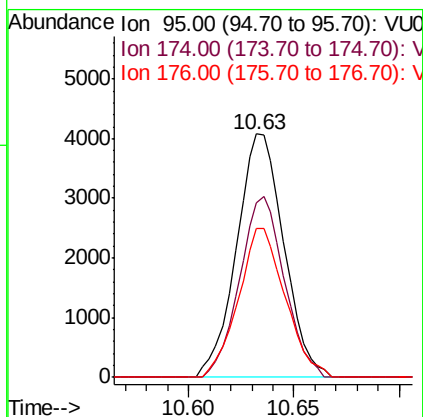
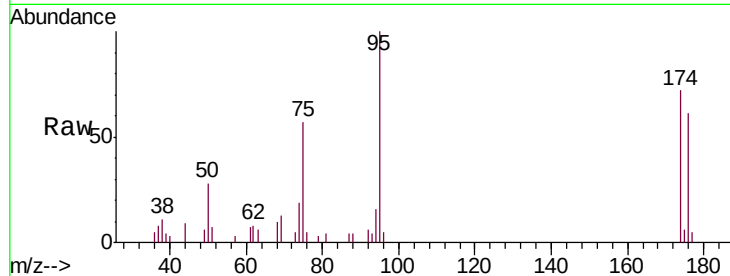




#57
4-Bromofluorobenzene
Concen: 0.775 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

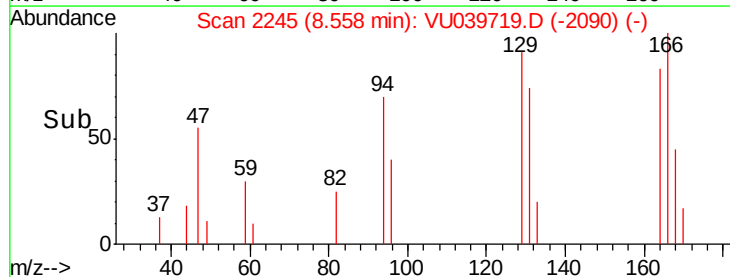
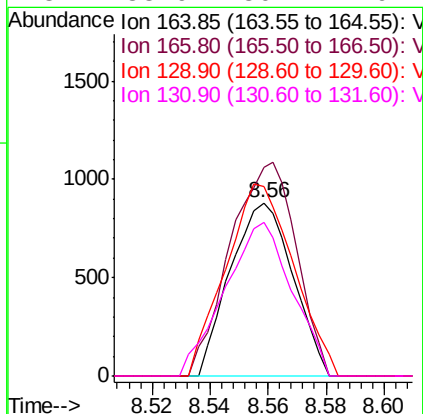
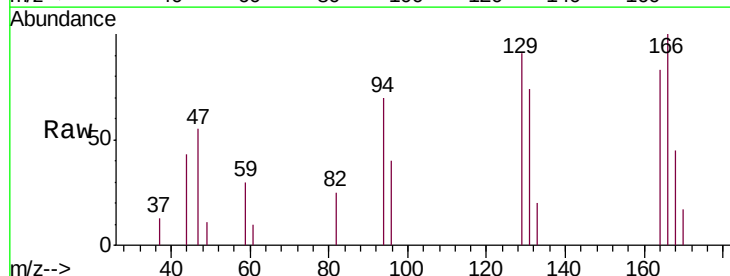
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

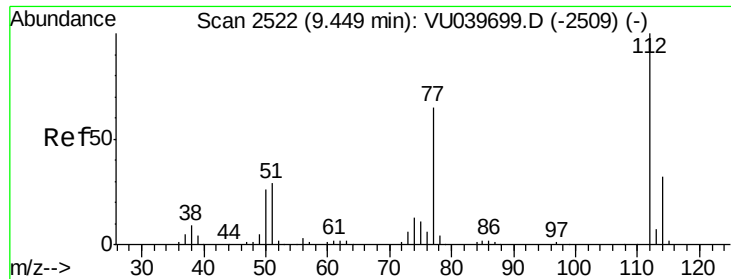
Tgt Ion: 95 Resp: 6338
Ion Ratio Lower Upper
95 100
174 70.4 57.0 85.4
176 60.5 50.2 75.2



#58
Tetrachloroethene
Concen: 0.251 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion: 164 Resp: 1314
Ion Ratio Lower Upper
164 100
166 120.5 104.8 157.2
129 109.5 84.1 126.1
131 88.9 80.1 120.1

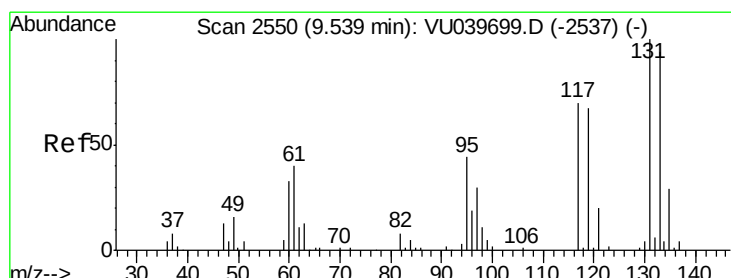
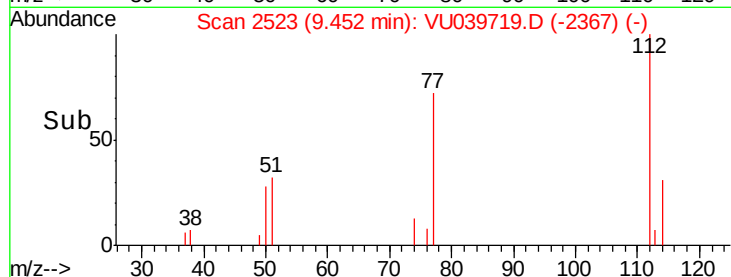
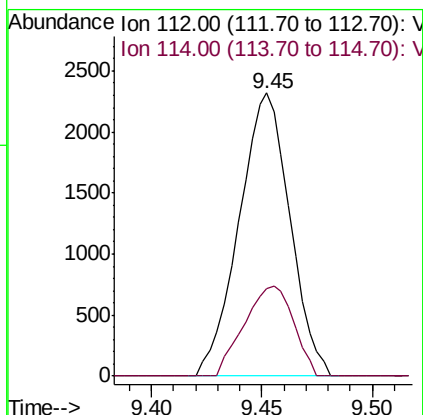
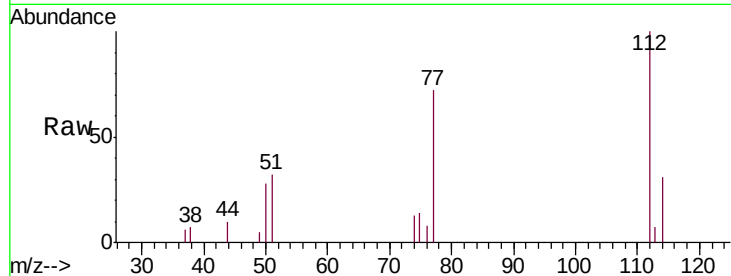




#59
Chlorobenzene
Concen: 0.230 ug/l
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

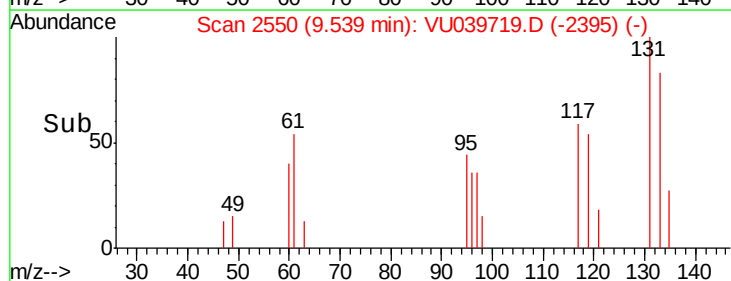
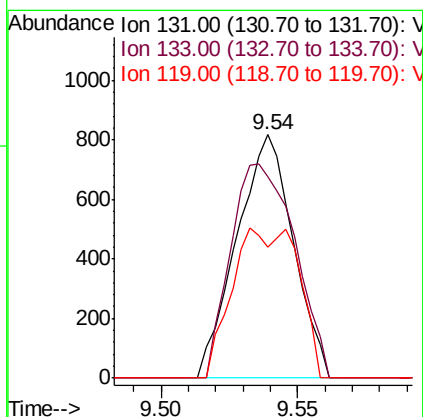
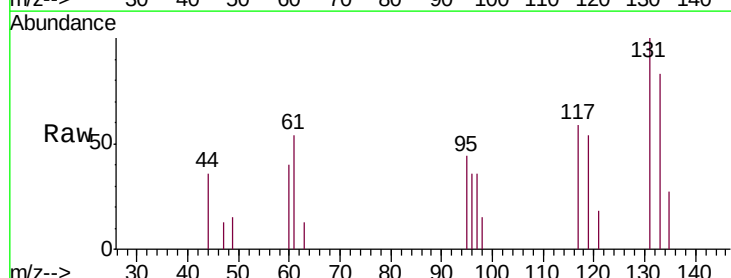
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

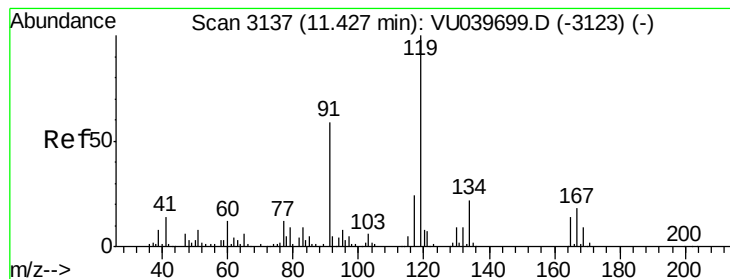
Tgt Ion:112 Resp: 3700
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 0.216 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion:131 Resp: 1174
Ion Ratio Lower Upper
131 100
133 100.1 75.8 113.8
119 41.3 54.6 81.8#





#61

Pentachloroethane

Concen: 0.233 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

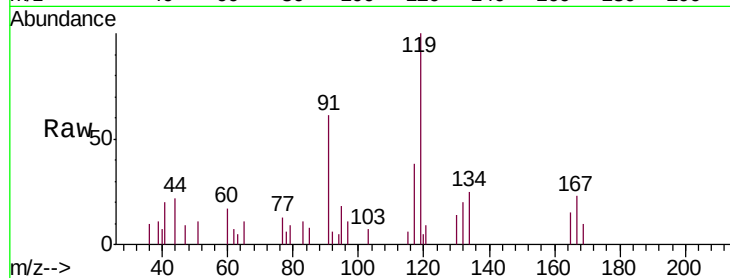
MDL-WATER-03-QT3-2020

Tgt Ion:117 Resp: 1114

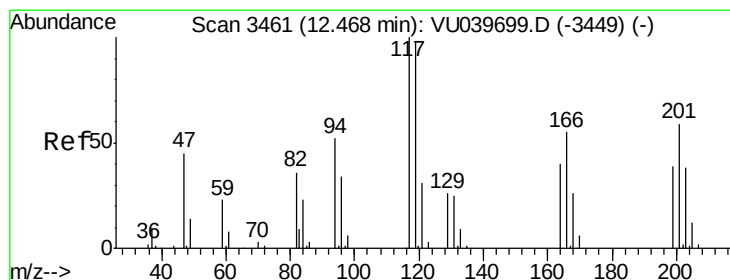
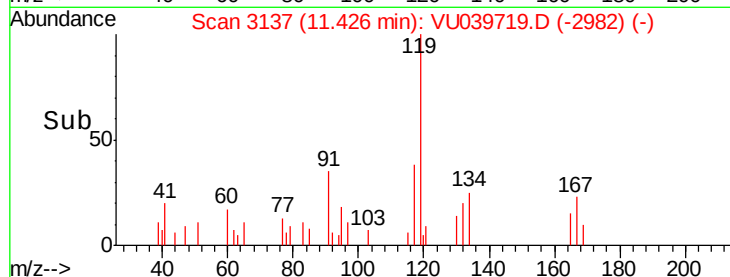
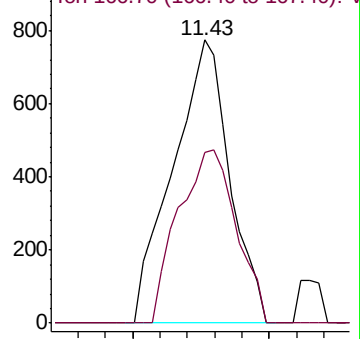
Ion Ratio Lower Upper

117 100

167 62.6 56.6 85.0



Abundance Ion 116.80 (116.50 to 117.50): V



#62

Hexachloroethane

Concen: 0.200 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU039719.D

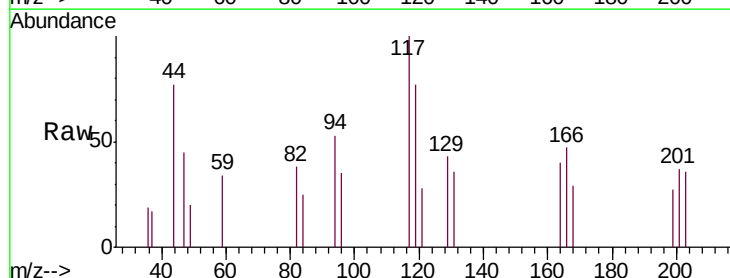
Acq: 30 Jul 2020 12:53

Tgt Ion:117 Resp: 876

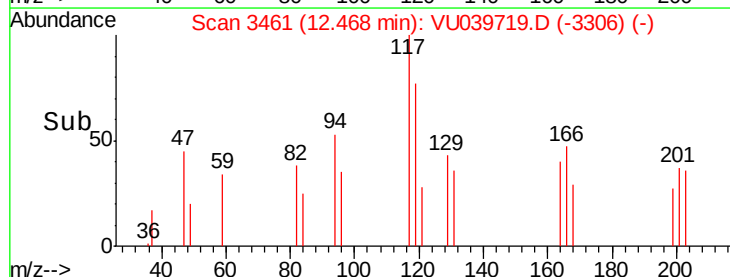
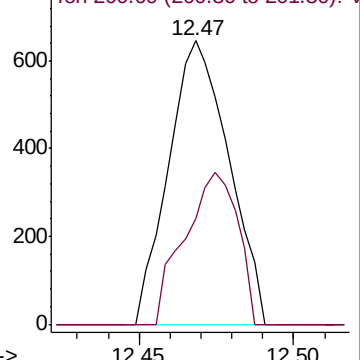
Ion Ratio Lower Upper

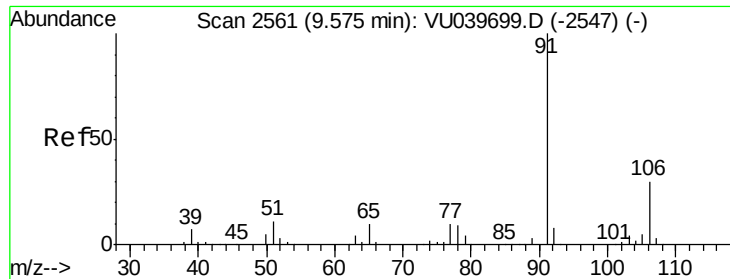
117 100

201 47.3 48.1 72.1#



Abundance Ion 116.80 (116.50 to 117.50): V





#63

Ethyl Benzene

Concen: 0.203 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

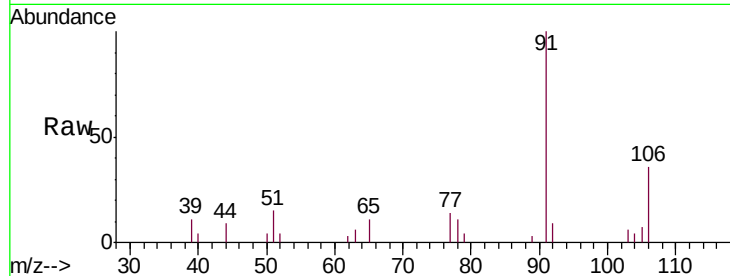
MDL-WATER-03-QT3-2020

Tgt Ion: 91 Resp: 5867

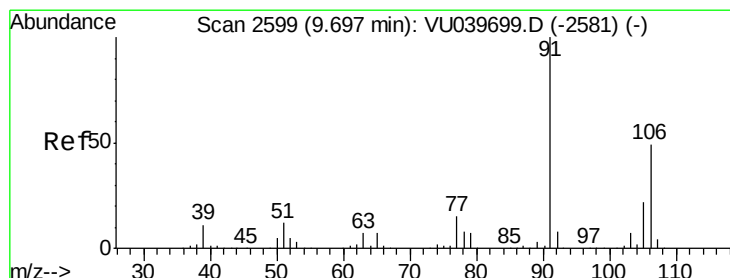
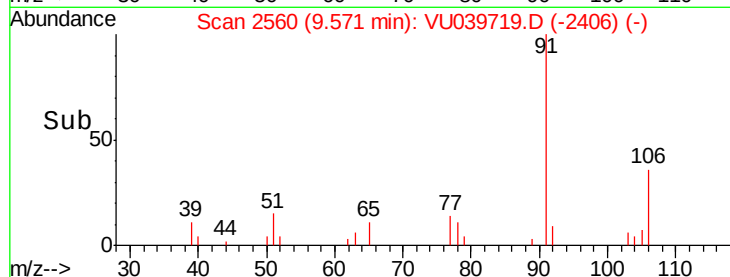
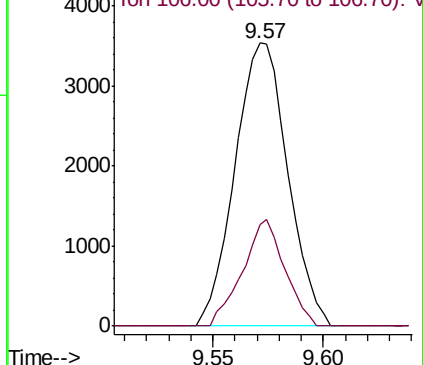
Ion Ratio Lower Upper

91 100

106 36.1 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039719.D (-2547) (-)



#64

m/p-Xylenes

Concen: 0.373 ug/l

RT: 9.70 min Scan# 2600

Delta R.T. 0.00 min

Lab File: VU039719.D

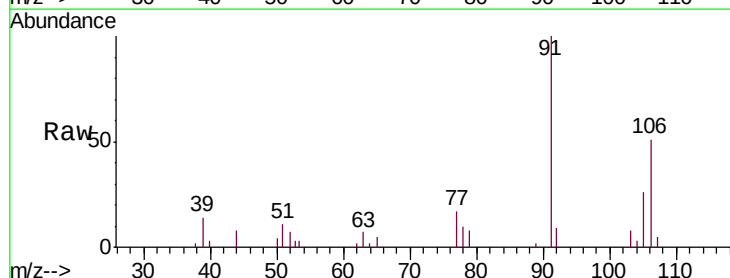
Acq: 30 Jul 2020 12:53

Tgt Ion: 106 Resp: 4215

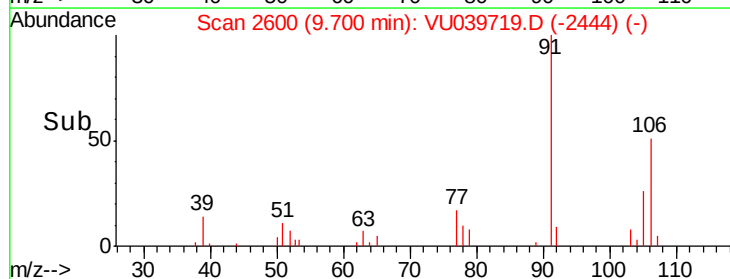
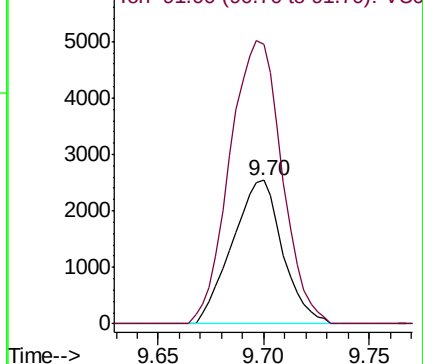
Ion Ratio Lower Upper

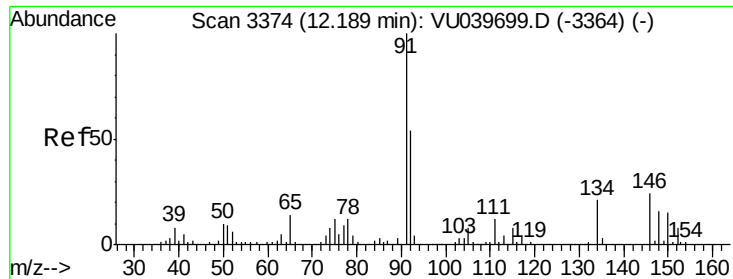
106 100

91 204.1 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039719.D (-2600) (-)

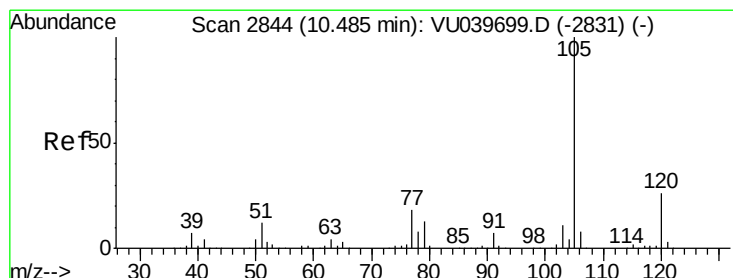
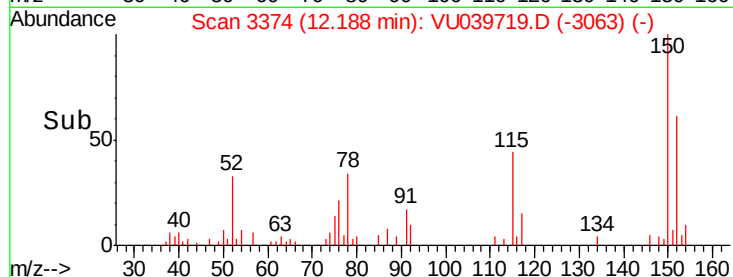
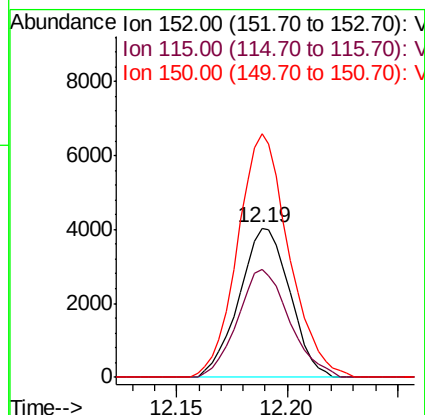
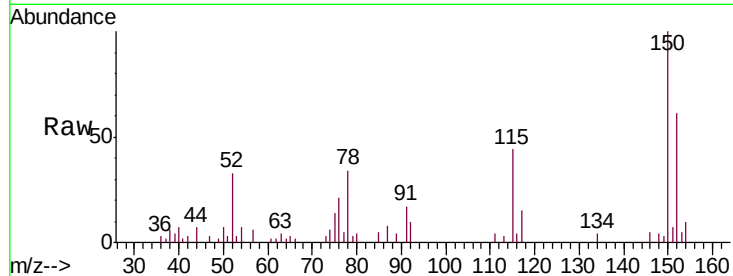




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.802 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

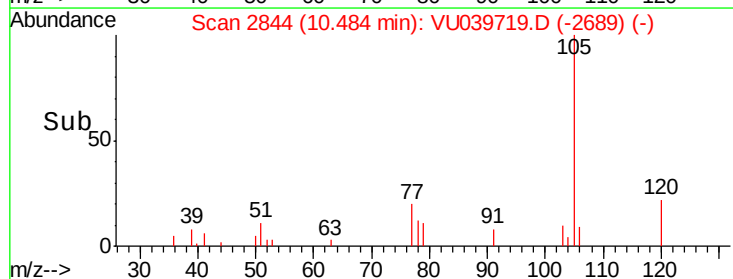
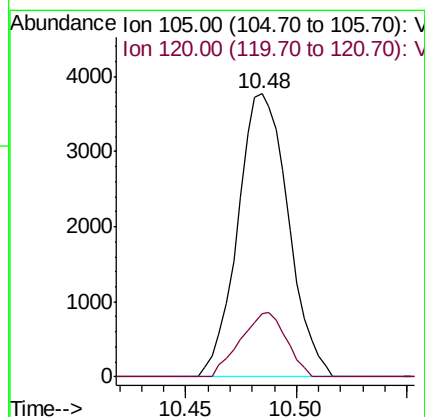
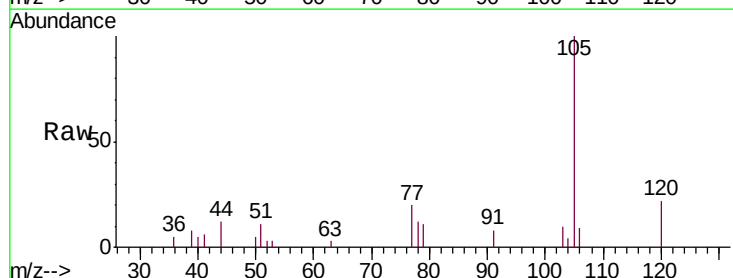
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

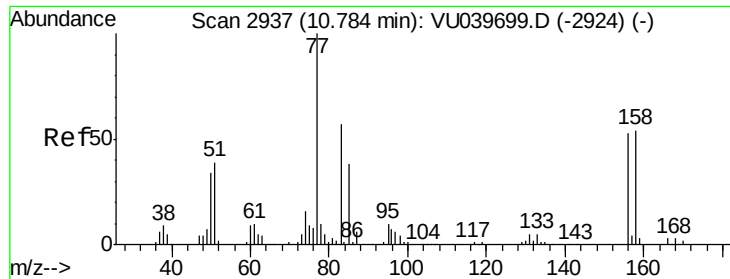
Tgt Ion:152 Resp: 6419
 Ion Ratio Lower Upper
 152 100
 115 74.0 0.0 302.4
 150 165.1 0.0 645.8



#69
 Isopropylbenzene
 Concen: 0.210 ug/l
 RT: 10.48 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion:105 Resp: 6012
 Ion Ratio Lower Upper
 105 100
 120 20.6 12.8 38.4





#70

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

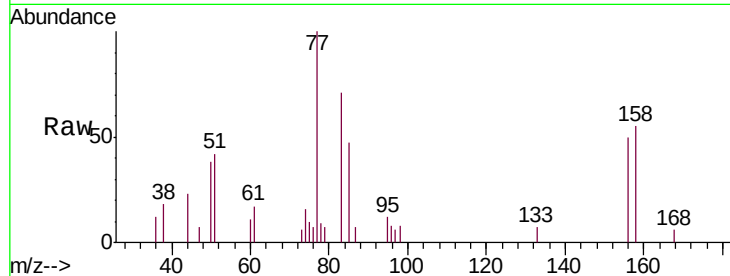
Tgt Ion: 83 Resp: 1851

Ion Ratio Lower Upper

83 100

131 0.0 7.0 10.6#

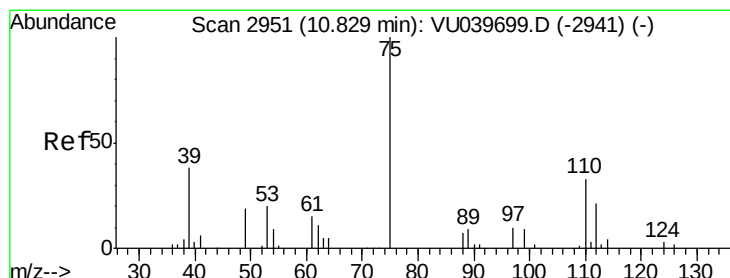
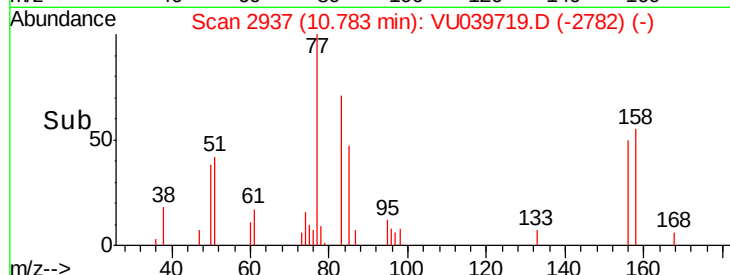
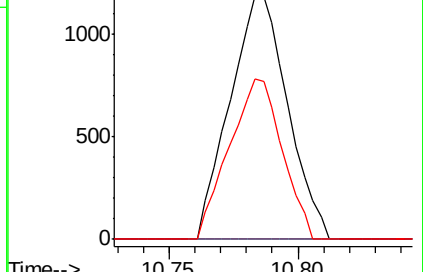
85 60.3 50.6 75.8



Abundance Ion 83.00 (82.70 to 83.70): VU039719.D (-2782) (-)

Ion 131.00 (130.70 to 131.70): VU039719.D (-2782) (-)

Ion 85.00 (84.70 to 85.70): VU039719.D (-2782) (-)



#71

1,2,3-Trichloropropane

Concen: 0.352 ug/l

RT: 10.83 min Scan# 2953

Delta R.T. 0.01 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Tgt Ion: 75 Resp: 1924

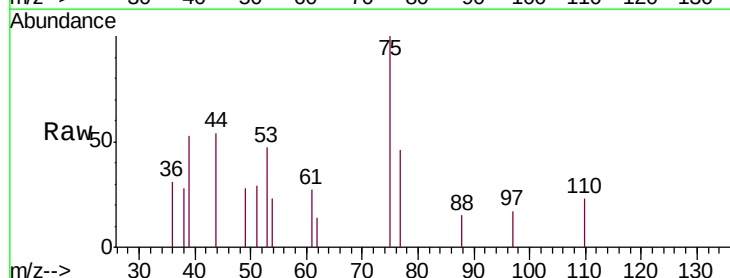
Ion Ratio Lower Upper

75 100

77 30.8 0.0 91.0

110 19.4 0.0 64.2

97 10.2 0.0 32.6

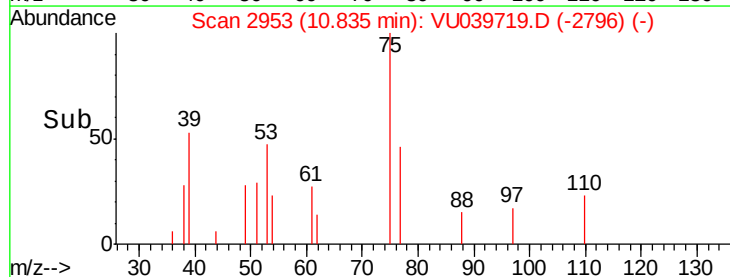
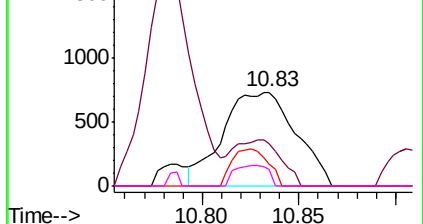


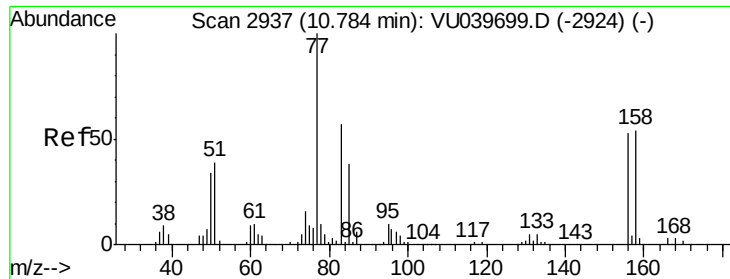
Abundance Ion 75.00 (74.70 to 75.70): VU039719.D (-2796) (-)

Ion 77.00 (76.70 to 77.70): VU039719.D (-2796) (-)

Ion 110.00 (109.70 to 110.70): VU039719.D (-2796) (-)

Ion 97.00 (96.70 to 97.70): VU039719.D (-2796) (-)





#72

Bromobenzene

Concen: 0.209 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU039719.D

Acq: 30 Jul 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2020

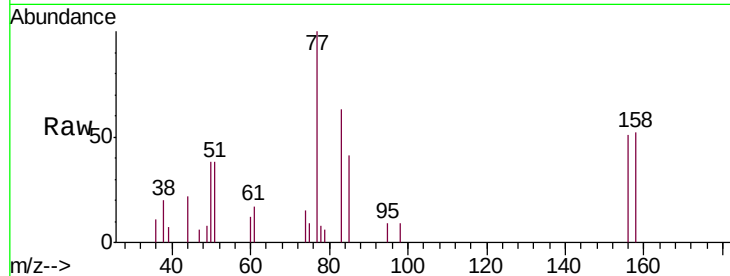
Tgt Ion:156 Resp: 1358

Ion Ratio Lower Upper

156 100

77 208.5 0.0 385.2

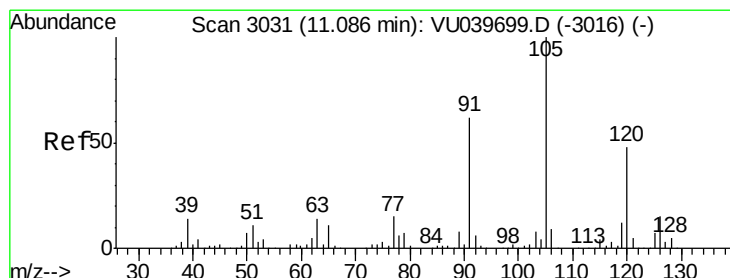
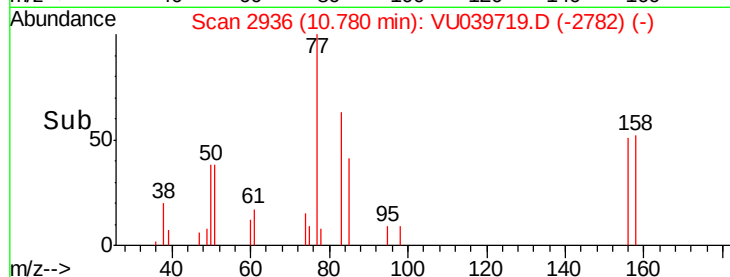
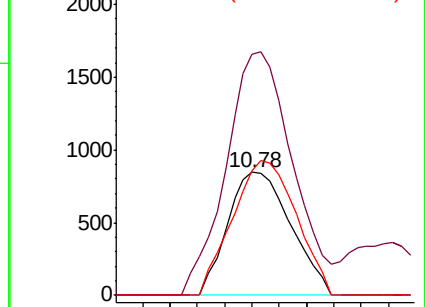
158 111.0 0.0 200.8



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



#75

1,3,5-Trimethylbenzene

Concen: 0.200 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039719.D

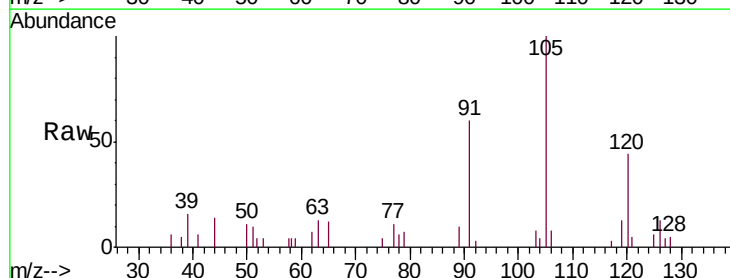
Acq: 30 Jul 2020 12:53

Tgt Ion:105 Resp: 4956

Ion Ratio Lower Upper

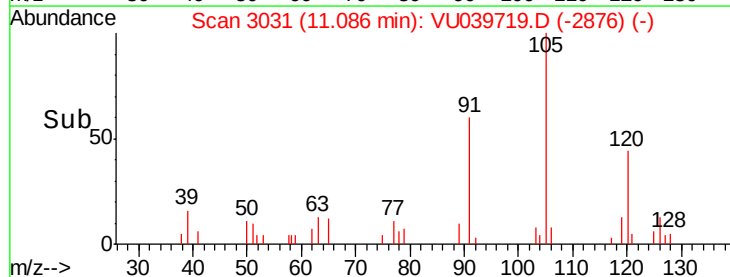
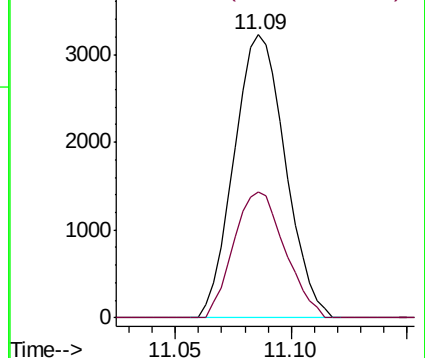
105 100

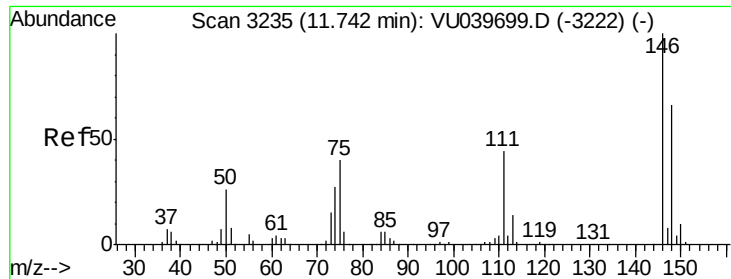
120 44.4 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

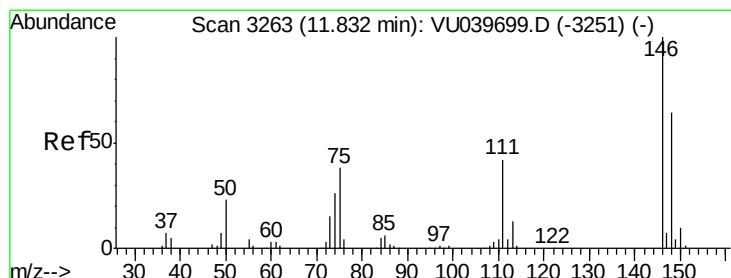
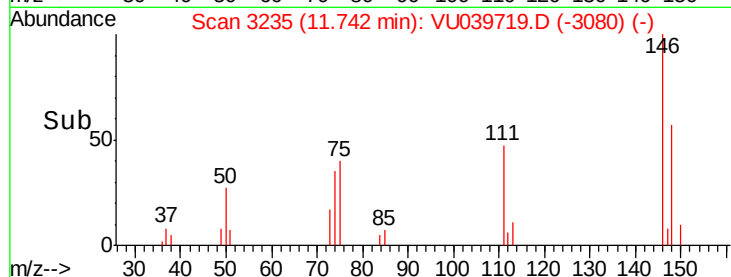
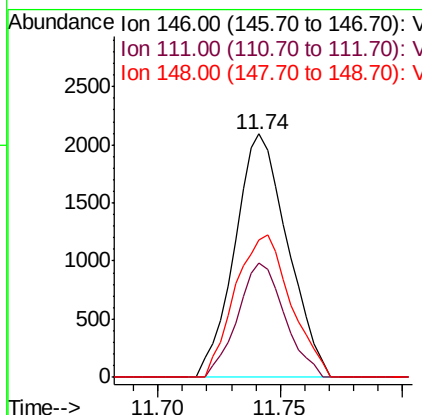
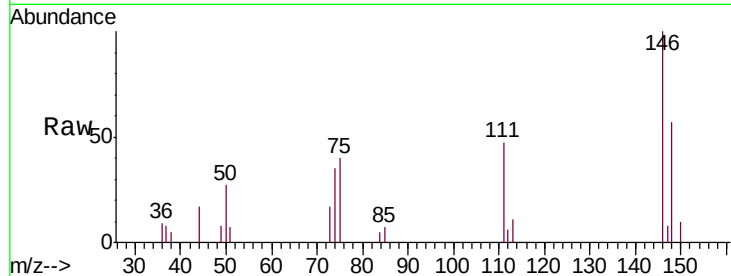




#82
 1,3-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

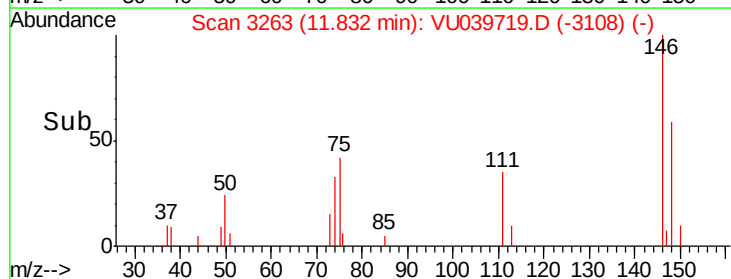
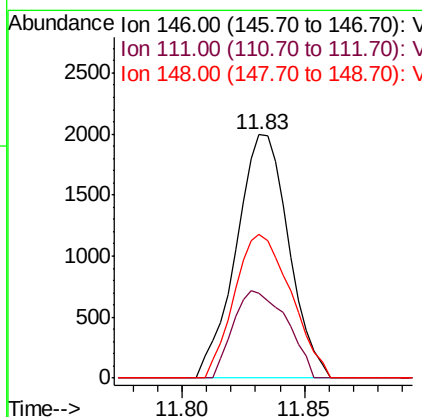
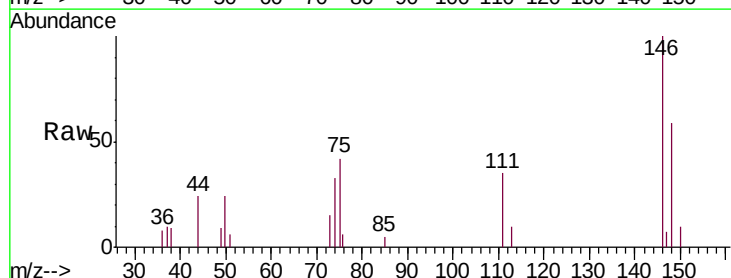
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

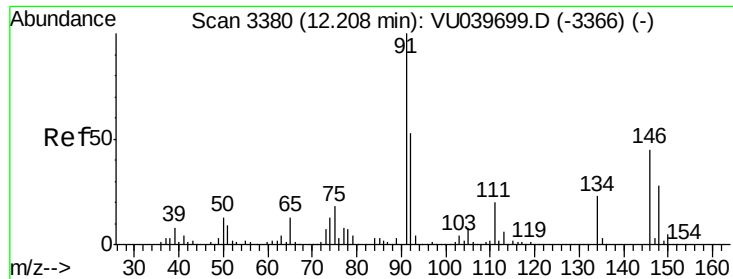
Tgt Ion:146 Resp: 3139
 Ion Ratio Lower Upper
 146 100
 111 41.6 34.5 51.7
 148 61.5 51.4 77.0



#83
 1,4-Dichlorobenzene
 Concen: 0.212 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion:146 Resp: 2980
 Ion Ratio Lower Upper
 146 100
 111 36.8 33.8 50.6
 148 63.5 51.1 76.7

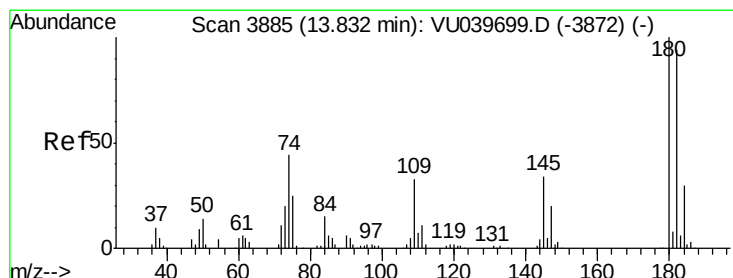
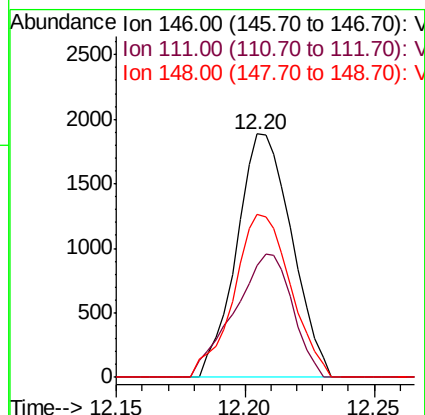
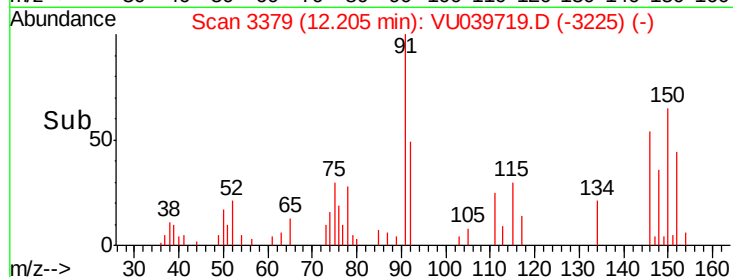
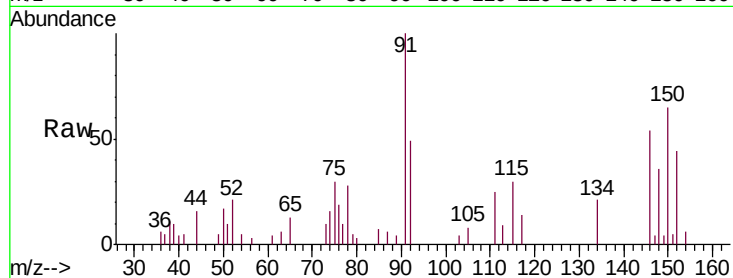




#85
 1,2-Dichlorobenzene
 Concen: 0.209 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

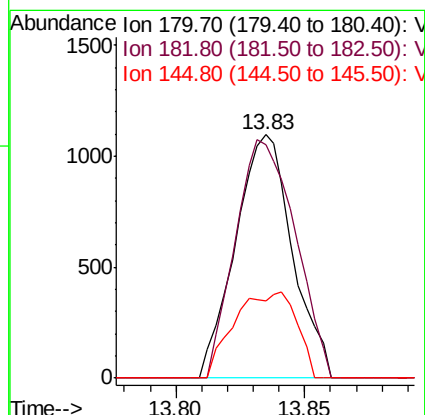
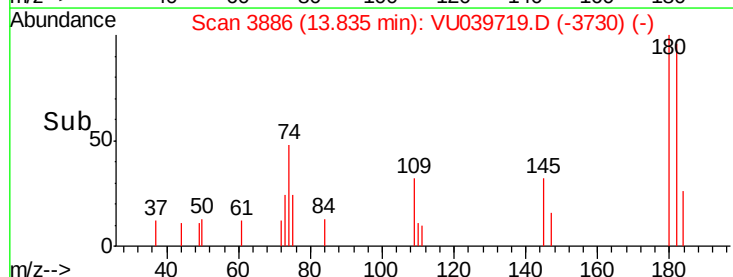
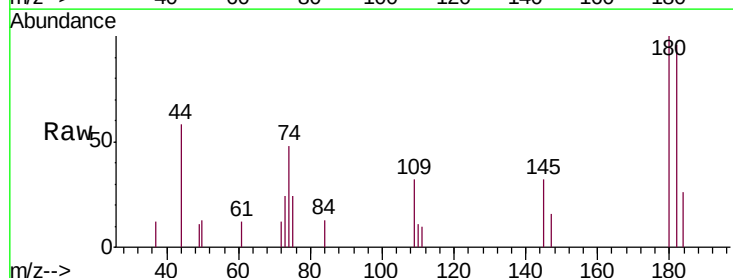
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2020

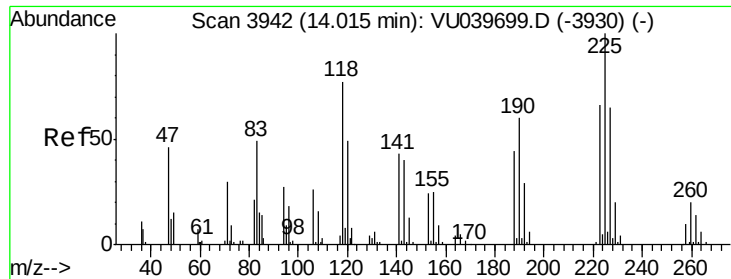
Tgt Ion:146 Resp: 2819
 Ion Ratio Lower Upper
 146 100
 111 53.3 22.8 68.3
 148 68.8 31.7 95.1



#87
 1,2,4-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039719.D
 Acq: 30 Jul 2020 12:53

Tgt Ion:180 Resp: 1691
 Ion Ratio Lower Upper
 180 100
 182 103.1 76.2 114.4
 145 38.6 26.8 40.2

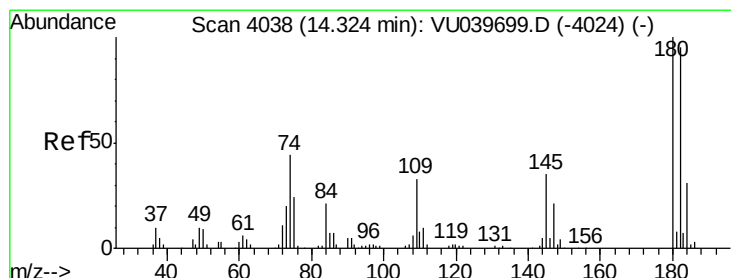
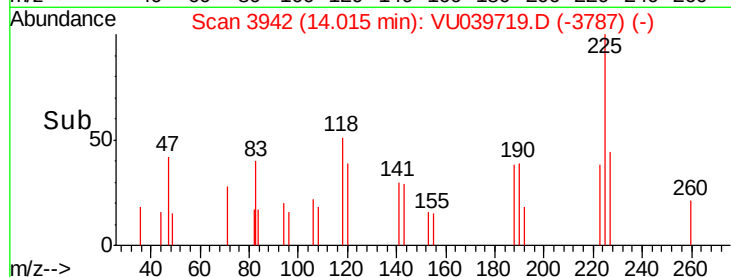
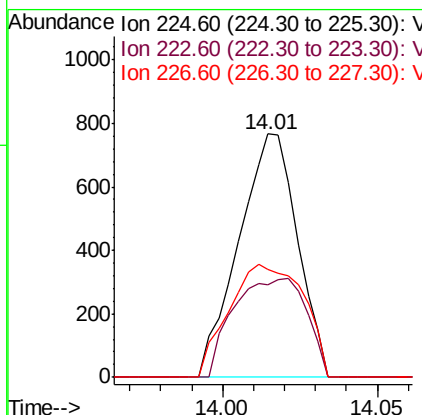
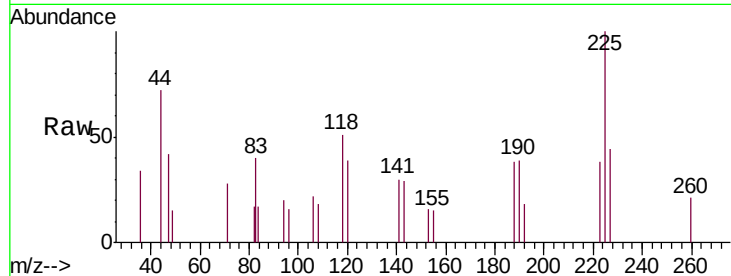




#88
Hexachlorobutadiene
Concen: 0.263 ug/l
RT: 14.01 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2020

Tgt Ion:225 Resp: 1009
Ion Ratio Lower Upper
225 100
223 50.4 52.4 78.6#
227 58.9 50.7 76.1



#90
1,2,3-Trichlorobenzene
Concen: 0.230 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039719.D
Acq: 30 Jul 2020 12:53

Tgt Ion:180 Resp: 1834
Ion Ratio Lower Upper
180 100
182 87.2 76.0 114.0
145 28.0 27.8 41.6

