

Data File : VU025636.D
Acq On : 25 Jul 2018 17:28
Operator : MD/SY
Sample : J3792-07 LOD-MDL 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 26 02:24:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	43089	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	14673	0.92	ug/l	0.00
Spiked Amount	1.000		Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	17115	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	3916	0.255 ug/l	85
3) Chloromethane	1.34	50	3622	0.249 ug/l	90
4) Vinyl Chloride	1.40	62	3835	0.285 ug/l	97
5) Bromomethane	1.63	94	1571	0.240 ug/l	99
6) Chloroethane	1.70	64	2086	0.259 ug/l #	84
7) Trichlorofluoromethane	1.89	101	5261	0.268 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3087	0.287 ug/l	93
9) 1,1-Dichloroethene	2.29	96	2699	0.284 ug/l	91
10) Iodomethane	2.41	142	922	0.928 ug/l	99
11) Allyl Chloride	2.60	41	4295	0.270 ug/l	85
12) Acrylonitrile	2.95	53	1323	0.632 ug/l	90
13) Acetone	2.34	43	3432	1.884 ug/l	95
14) Carbon Disulfide	2.48	76	9151	0.282 ug/l	97
15) Methylene Chloride	2.71	84	3760	0.332 ug/l	83
16) trans-1,2-Dichloroethene	2.98	96	2932	0.275 ug/l	97
17) 1,1-Dichloroethane	3.45	63	5231	0.248 ug/l #	95
18) 2-Butanone	4.30	43	5417	1.714 ug/l	98
19) Cyclohexane	4.99	56	4462	0.274 ug/l	96
20) Methylcyclohexane	6.42	83	4759	0.238 ug/l	99
21) 2,2-Dichloropropane	4.23	77	6231	0.309 ug/l #	81
22) cis-1,2-Dichloroethene	4.23	96	4037	0.301 ug/l	95
23) Diethyl Ether	2.10	59	1864	0.259 ug/l #	77
24) tert-Butyl Alcohol	2.86	59	2903	3.435 ug/l #	94
25) Methyl tert-Butyl Ether	3.01	73	7031	0.274 ug/l	96
26) Bromochloromethane	4.56	128	1532	0.259 ug/l	80
27) Chloroform	4.68	83	6248	0.269 ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	5307	0.253 ug/l	97
29) 1,1-Dichloropropene	5.14	75	4347	0.253 ug/l	97
30) Carbon Tetrachloride	5.13	117	4834	0.254 ug/l	95
31) Isopropyl Ether	3.58	45	9474	0.280 ug/l	98
32) Ethyl-t-butyl ether	4.09	59	8758	0.272 ug/l	94
33) Tert-Amyl methyl ether	5.59	73	7318	0.258 ug/l #	81
34) Propionitrile	4.35	54	1129	1.286 ug/l #	68
35) Benzene	5.39	78	12098	0.252 ug/l	96
36) 1,2-Dichloroethane	5.41	62	3577	0.243 ug/l	96
37) Trichloroethene	6.19	130	4032	0.285 ug/l	97
38) 1,2-Dichloropropane	6.44	63	3060	0.246 ug/l	99
39) Methacrylonitrile	4.56	41	1107	0.274 ug/l #	56
40) Methyl acrylate	4.44	55	1591	0.261 ug/l #	70
41) Tetrahydrofuran	4.66	42	1340	0.561 ug/l #	80
42) 1-Chlorobutane	5.07	56	5813	0.248 ug/l	90

Data File : VU025636.D
Acq On : 25 Jul 2018 17:28
Operator : MD/SY
Sample : J3792-07 LOD-MDL 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 26 02:24:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

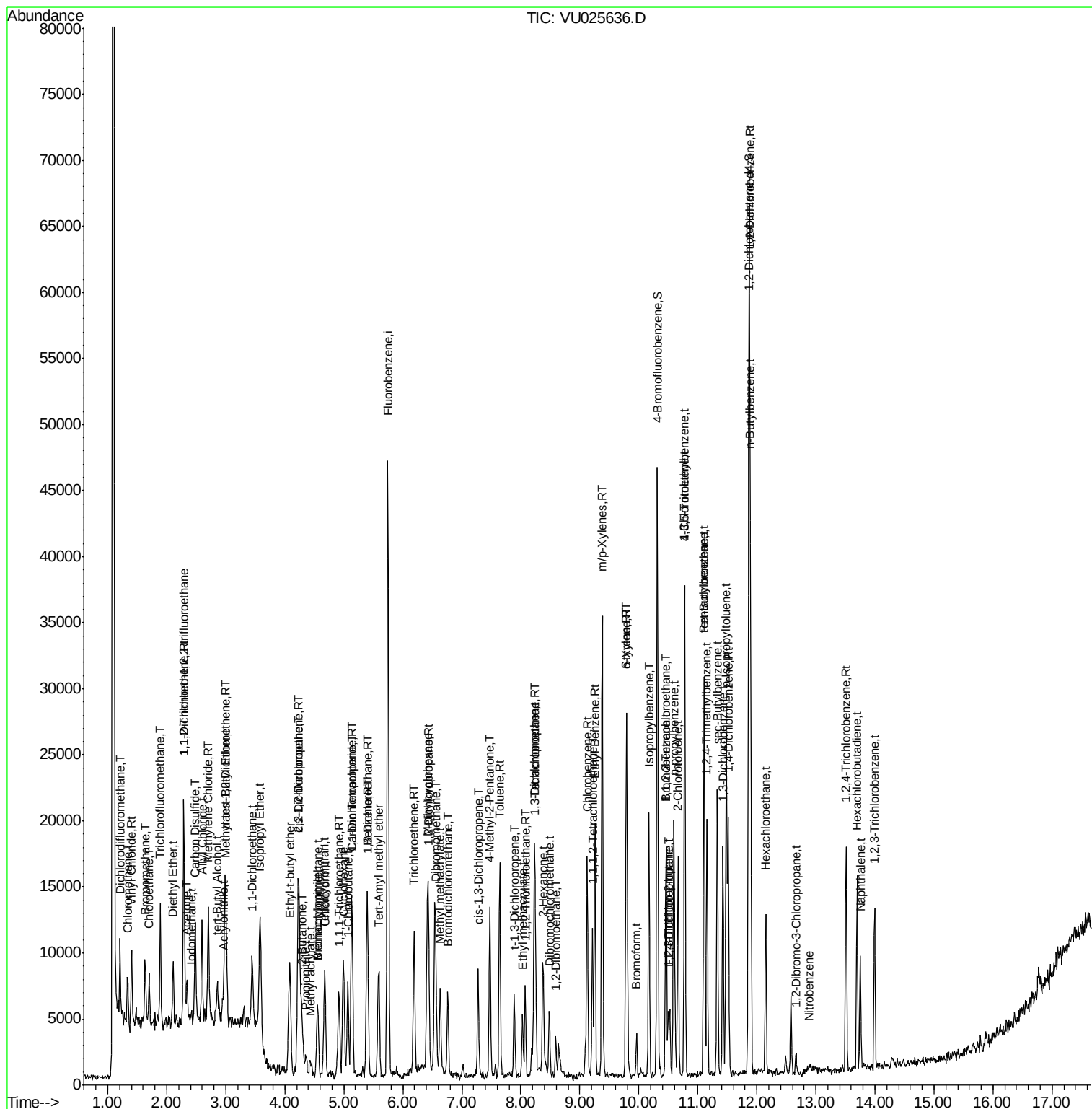
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	1640	0.252	ug/l	91
44) Bromodichloromethane	6.76	83	4399	0.267	ug/l #	85
45) 4-Methyl-2-Pentanone	7.47	43	9802	1.352	ug/l	94
46) t-1,4-Dichloro-2-butene	10.50	75	3284	2.484	ug/l #	38
47) Methyl methacrylate	6.63	69	2630	0.484	ug/l	93
48) Ethyl methacrylate	8.03	69	2420	0.222	ug/l	95
49) Toluene	7.64	92	7311	0.249	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	3683	0.248	ug/l	93
51) cis-1,3-Dichloropropene	7.27	75	4634	0.260	ug/l #	84
52) 1,1,2-Trichloroethane	8.07	97	2352	0.270	ug/l	92
53) 1,3-Dichloropropane	8.25	76	3636	0.247	ug/l	99
54) 2-Hexanone	8.37	43	6444	1.258	ug/l	92
55) Dibromochloromethane	8.48	129	2596	0.234	ug/l	95
56) 1,2-Dibromoethane	8.60	107	2104	0.249	ug/l	98
58) Tetrachloroethene	8.23	164	3742	0.294	ug/l	89
59) Chlorobenzene	9.12	112	8882	0.263	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.21	131	3177	0.254	ug/l	93
61) Pentachloroethane	11.10	117	2401	0.251	ug/l	94
62) Hexachloroethane	12.15	117	2149	0.220	ug/l	96
63) Ethyl Benzene	9.26	91	13050	0.233	ug/l	100
64) m/p-Xylenes	9.38	106	9892	0.448	ug/l	95
65) o-Xylene	9.78	106	5042	0.240	ug/l	89
66) Styrene	9.80	104	8281	0.232	ug/l	100
67) Bromoform	9.96	173	1471	0.225	ug/l #	84
69) Isopropylbenzene	10.17	105	13101	0.231	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	2453	0.224	ug/l	96
71) 1,2,3-Trichloropropane	10.50	75	3284	0.385	ug/l #	71
72) Bromobenzene	10.45	156	3526	0.239	ug/l	96
73) n-propylbenzene	10.59	120	3400	0.212	ug/l	98
74) 2-Chlorotoluene	10.66	126	3193	0.227	ug/l	99
75) 1,3,5-Trimethylbenzene	10.78	105	10700	0.216	ug/l	96
76) 4-Chlorotoluene	10.78	126	3229	0.218	ug/l	97
77) tert-Butylbenzene	11.10	119	10937	0.224	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	11231	0.222	ug/l	96
79) sec-Butylbenzene	11.33	105	14557	0.227	ug/l	99
80) Nitrobenzene	12.87	77	493	1.479	ug/l #	40
81) p-Isopropyltoluene	11.48	119	11787	0.216	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	7366	0.243	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	8408	0.284	ug/l	94
84) n-Butylbenzene	11.89	91	11784	0.230	ug/l	94
85) 1,2-Dichlorobenzene	11.88	146	7303	0.264	ug/l	94
86) 1,2-Dibromo-3-Chloropropan	12.66	75	398	0.220	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.51	180	6168	0.320	ug/l	98
88) Hexachlorobutadiene	13.70	225	2918	0.246	ug/l	96
89) Naphthalene	13.75	128	7436	0.238	ug/l	97
90) 1,2,3-Trichlorobenzene	13.99	180	4412	0.250	ug/l	98

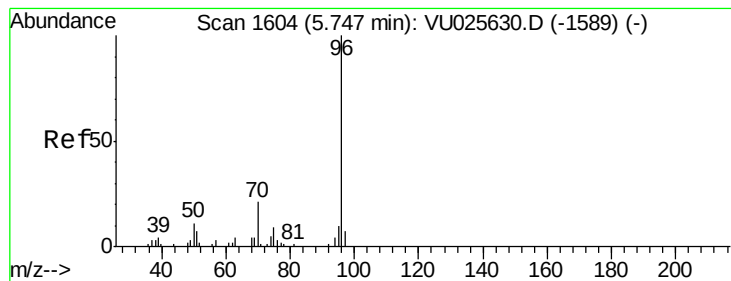
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU025636.D
Acq On : 25 Jul 2018 17:28
Operator : MD/SY
Sample : J3792-07 LOD-MDL 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 26 02:24:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 96 Resp: 43089

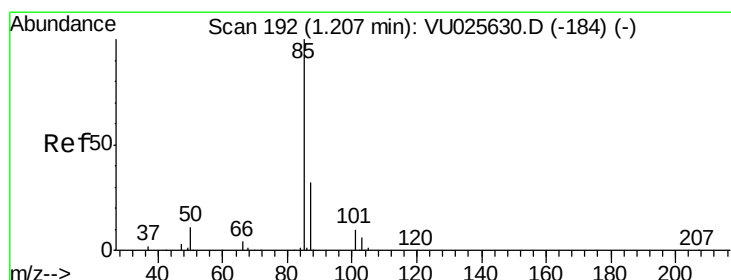
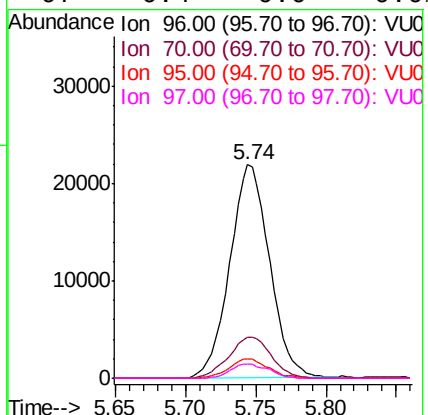
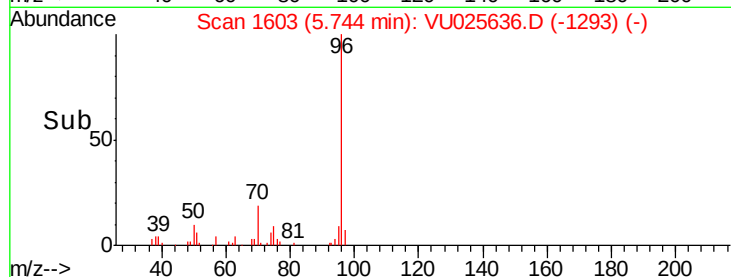
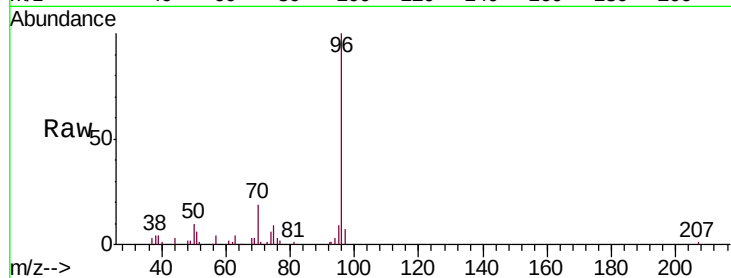
Ion Ratio Lower Upper

96 100

70 20.5 16.2 24.4

95 8.9 6.9 10.3

97 6.4 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.255 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025636.D

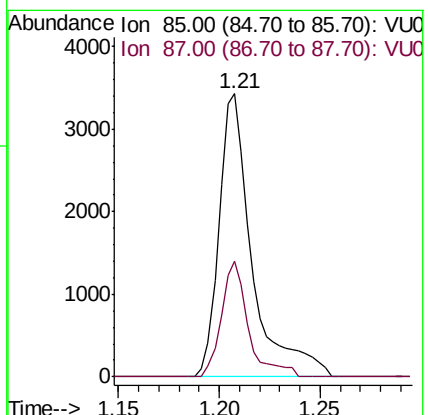
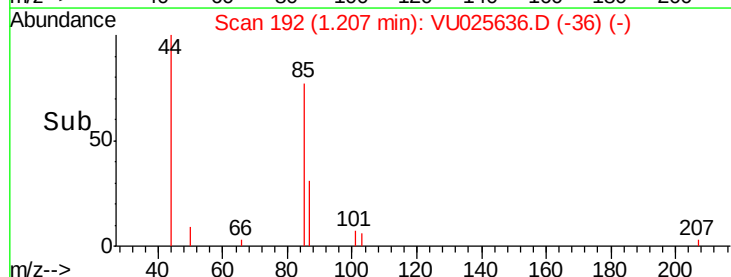
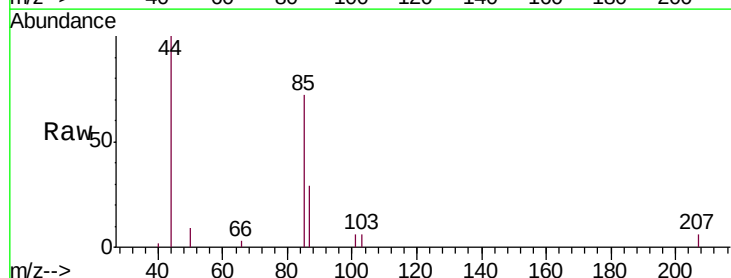
Acq: 25 Jul 2018 17:28

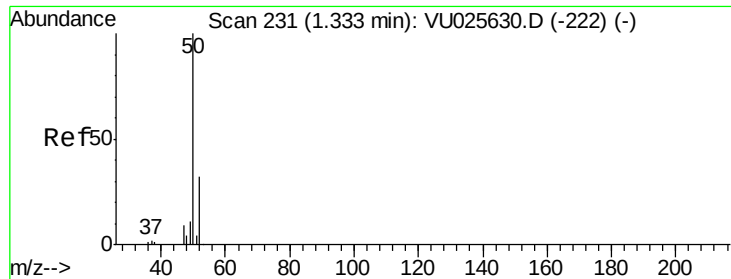
Tgt Ion: 85 Resp: 3916

Ion Ratio Lower Upper

85 100

87 40.8 16.2 48.5





#3

Chloromethane

Concen: 0.249 ug/l

RT: 1.34 min Scan# 232

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

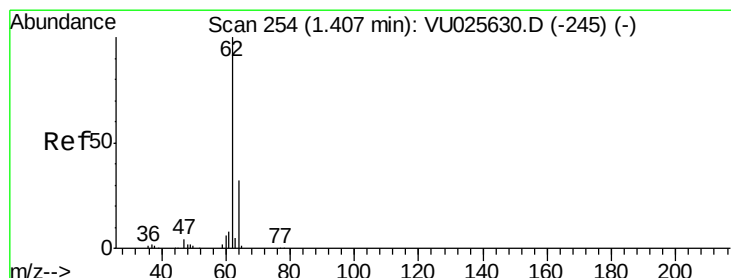
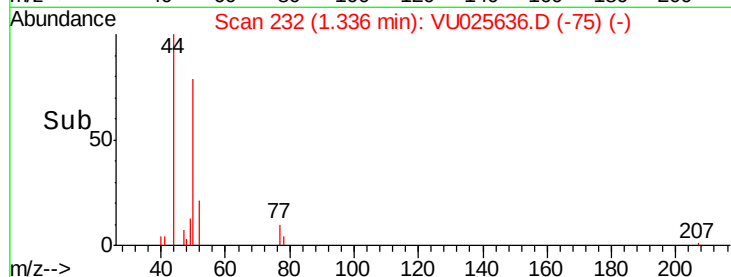
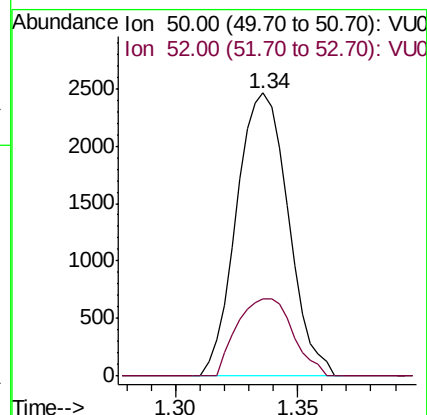
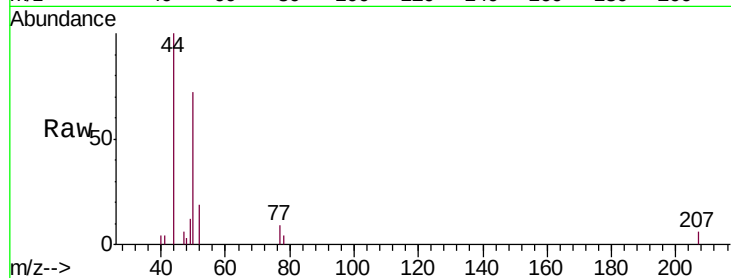
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 50 Resp: 3622

Ion Ratio Lower Upper

50 100

52 27.2 26.0 39.0



#4

Vinyl Chloride

Concen: 0.285 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025636.D

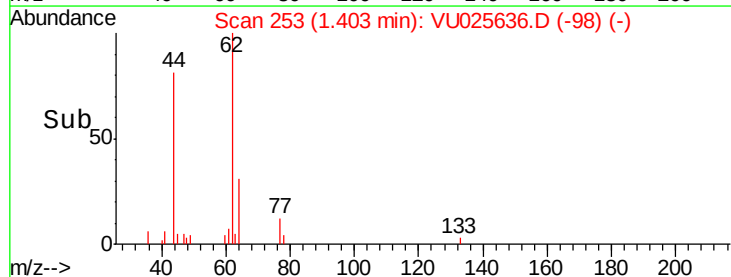
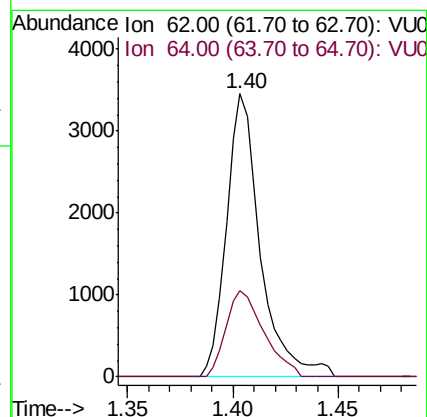
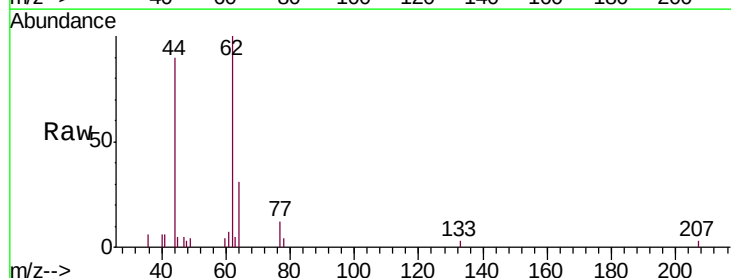
Acq: 25 Jul 2018 17:28

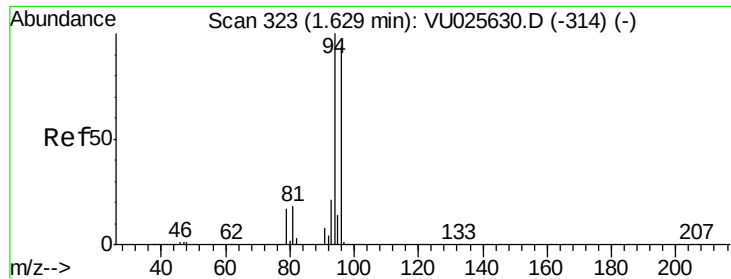
Tgt Ion: 62 Resp: 3835

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 0.240 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

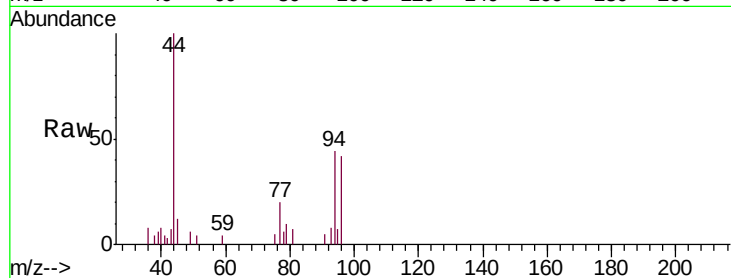
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 94 Resp: 1571

Ion Ratio Lower Upper

94 100

96 94.4 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1500

1000

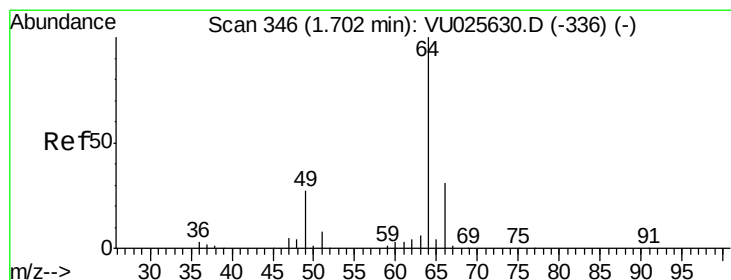
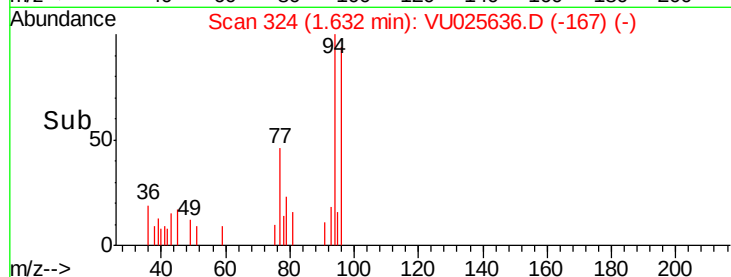
500

0

1.63

1.60 1.65

Time-->



#6

Chloroethane

Concen: 0.259 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025636.D

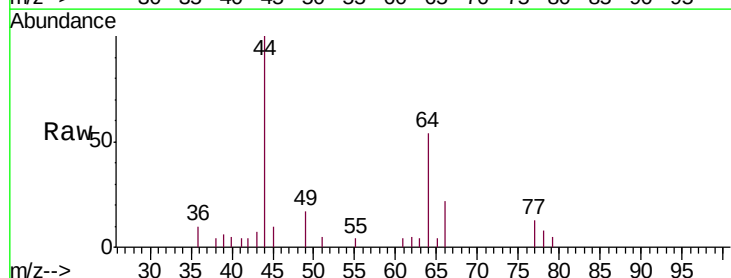
Acq: 25 Jul 2018 17:28

Tgt Ion: 64 Resp: 2086

Ion Ratio Lower Upper

64 100

66 40.1 24.9 37.3#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1500

1000

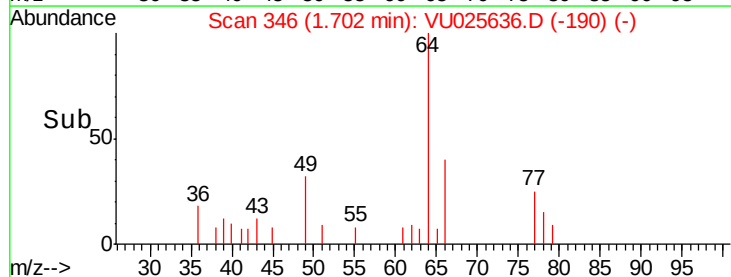
500

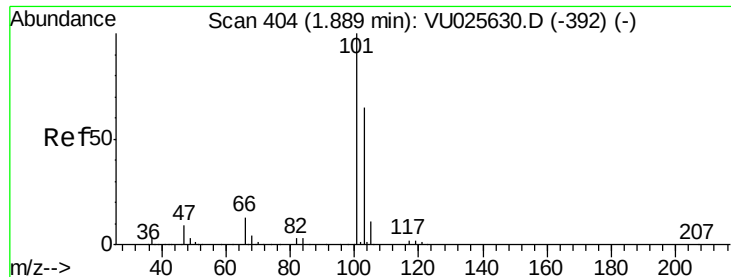
0

1.70

1.65 1.75

Time-->



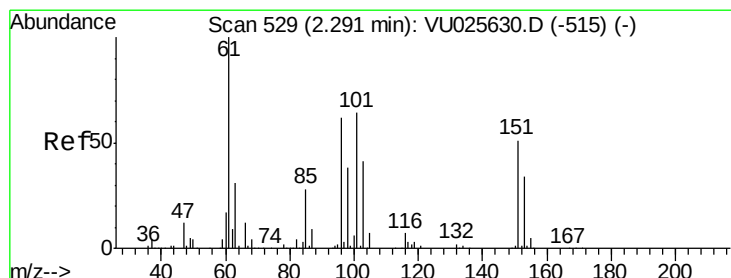
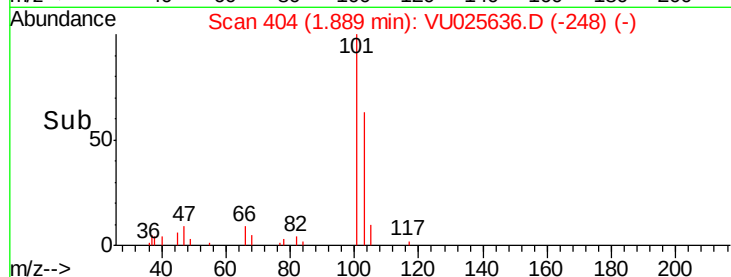
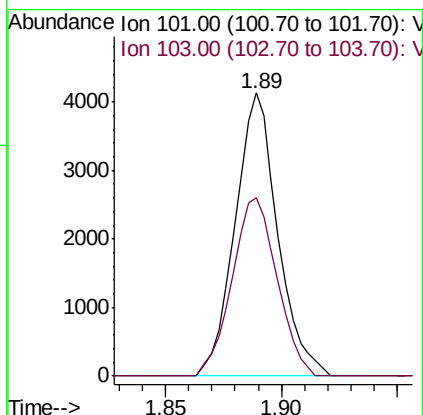
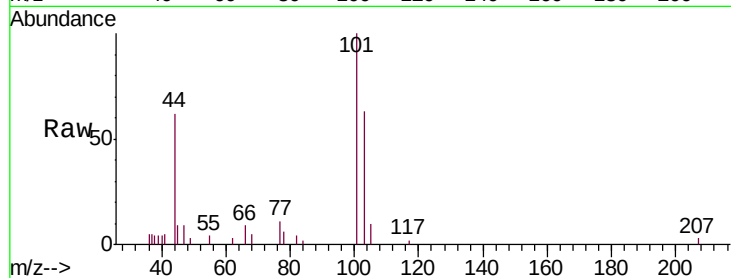


#7

Trichlorofluoromethane
 Concen: 0.268 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

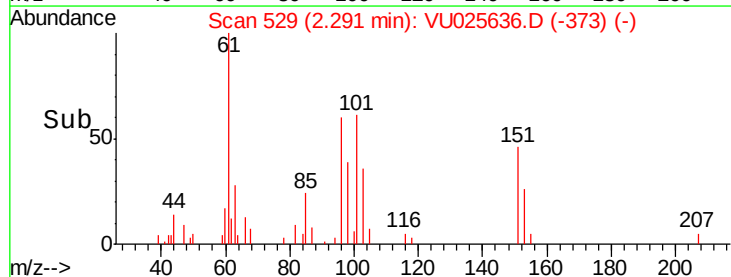
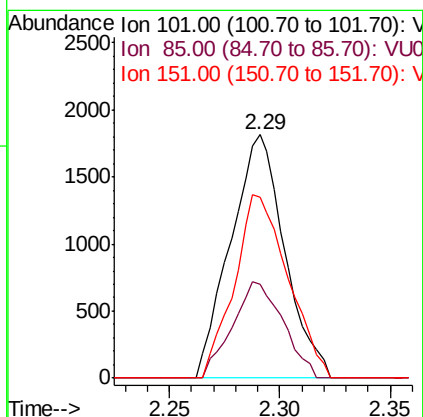
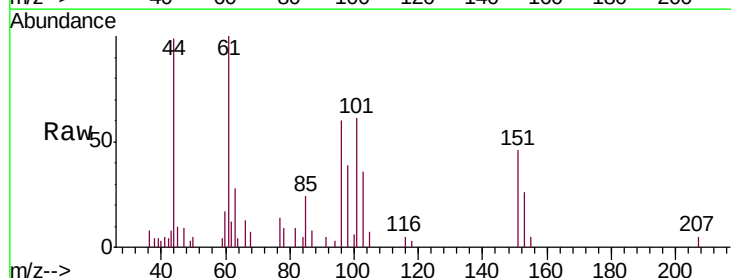
Tgt Ion:101 Resp: 5261
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

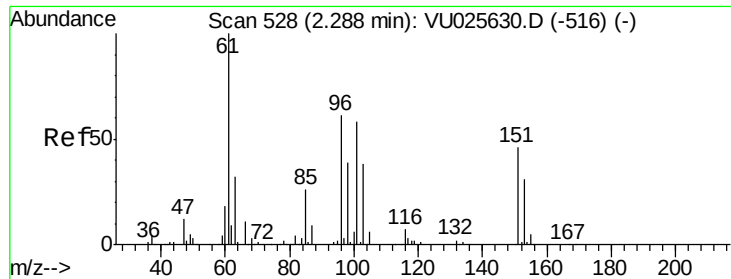


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.287 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion:101 Resp: 3087
 Ion Ratio Lower Upper
 101 100
 85 37.1 35.2 52.8
 151 74.8 63.5 95.3





#9

1,1-Dichloroethene

Concen: 0.284 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

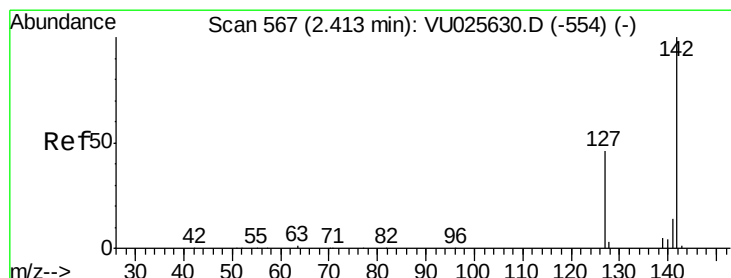
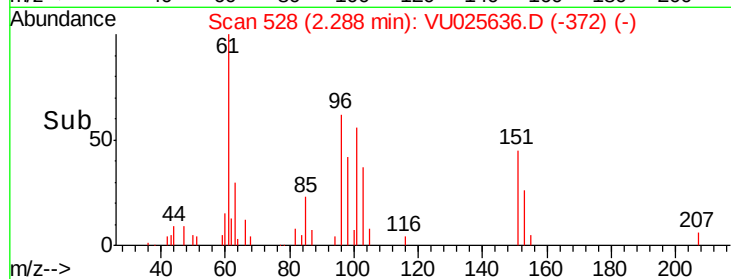
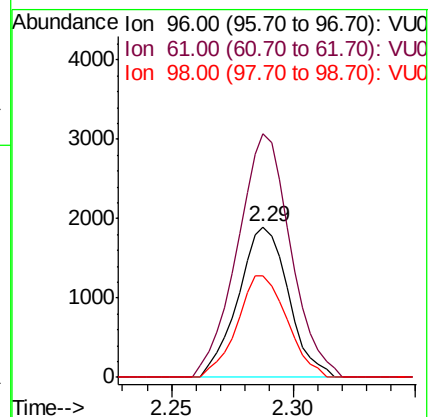
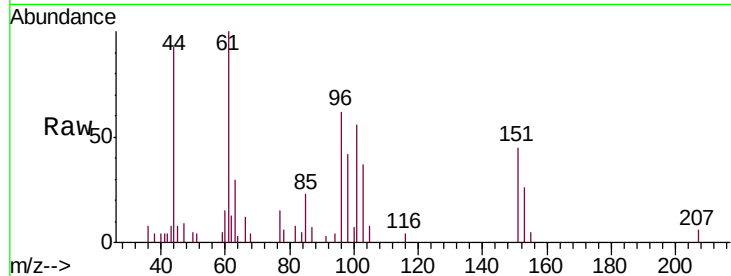
Tgt Ion: 96 Resp: 2699

Ion Ratio Lower Upper

96 100

61 161.7 0.0 526.5

98 67.8 0.0 123.4



#10

Iodomethane

Concen: 0.928 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025636.D

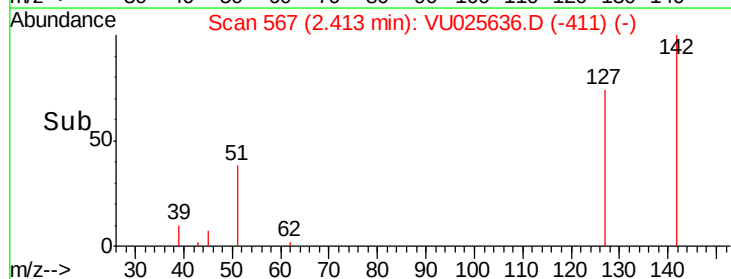
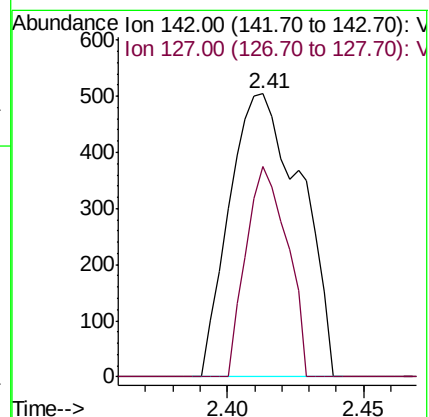
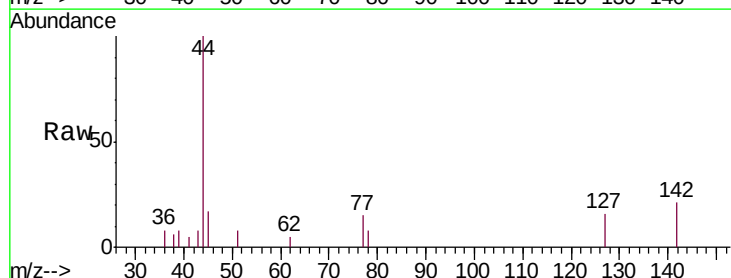
Acq: 25 Jul 2018 17:28

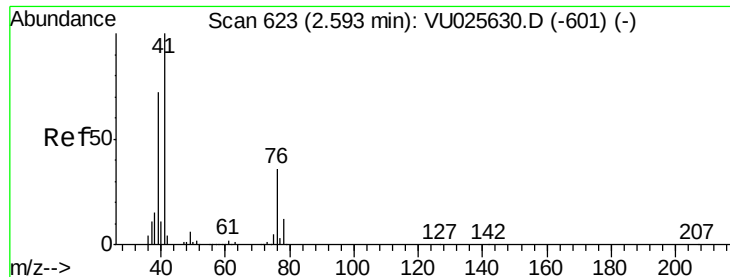
Tgt Ion: 142 Resp: 922

Ion Ratio Lower Upper

142 100

127 42.5 34.5 51.7

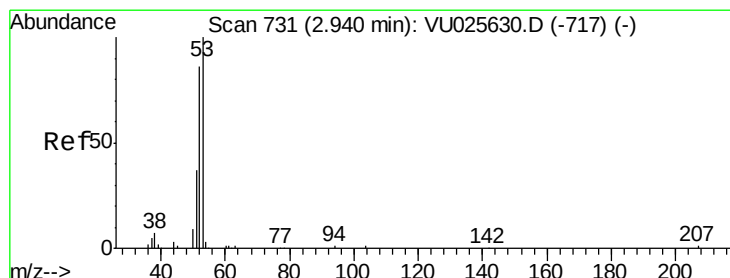
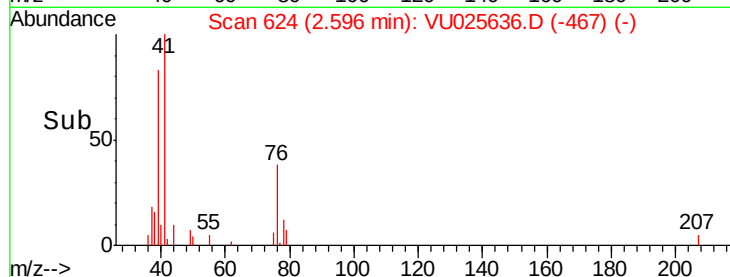
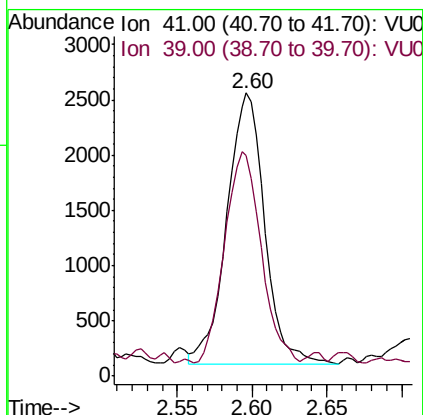
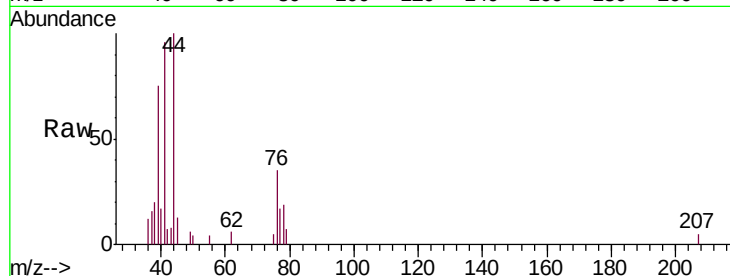




#11
 Allyl Chloride
 Concen: 0.270 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

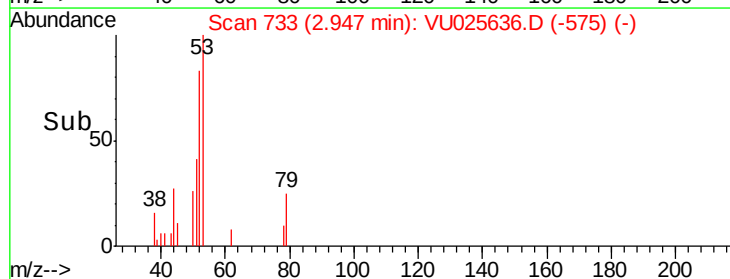
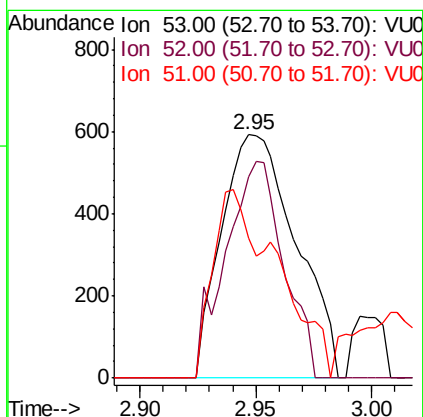
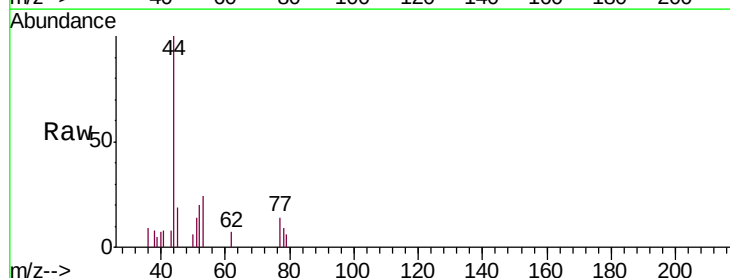
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

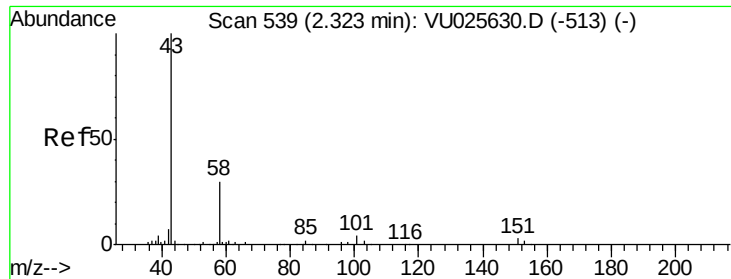
Tgt Ion: 41 Resp: 4295
 Ion Ratio Lower Upper
 41 100
 39 76.1 51.4 77.2



#12
 Acrylonitrile
 Concen: 0.632 ug/l
 RT: 2.95 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 53 Resp: 1323
 Ion Ratio Lower Upper
 53 100
 52 69.4 65.1 97.7
 51 40.0 30.2 45.4





#13

Acetone

Concen: 1.884 ug/l

RT: 2.34 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

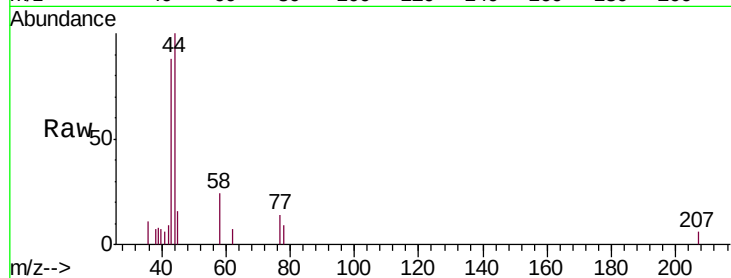
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 43 Resp: 3432

Ion Ratio Lower Upper

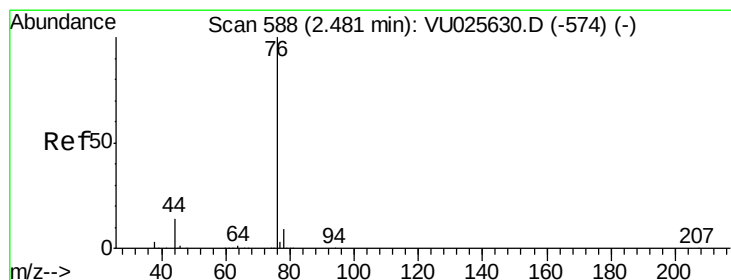
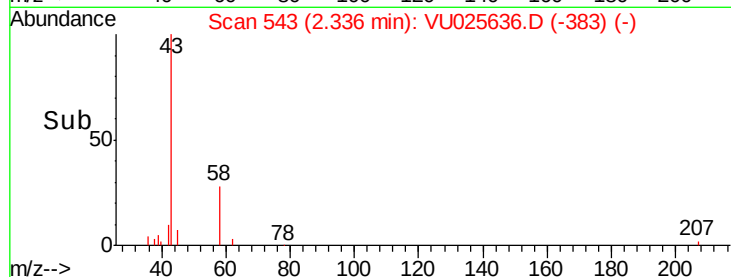
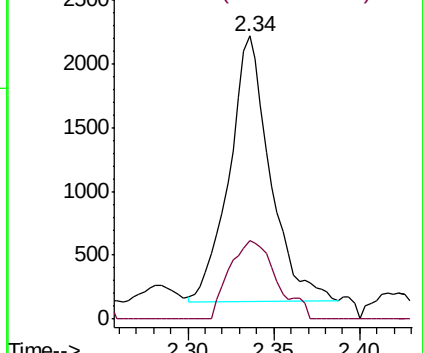
43 100

58 29.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 0.282 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025636.D

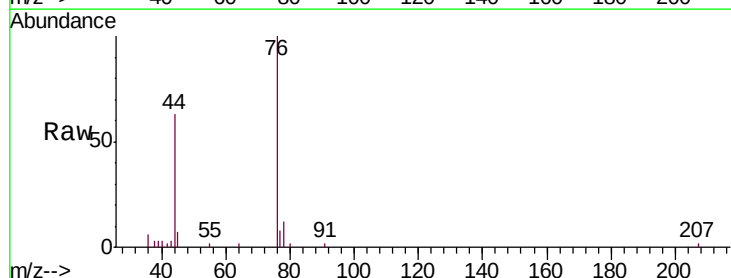
Acq: 25 Jul 2018 17:28

Tgt Ion: 76 Resp: 9151

Ion Ratio Lower Upper

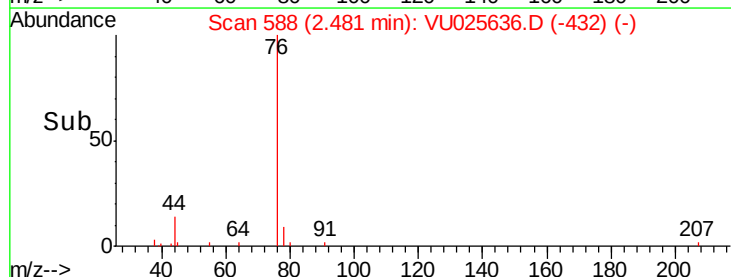
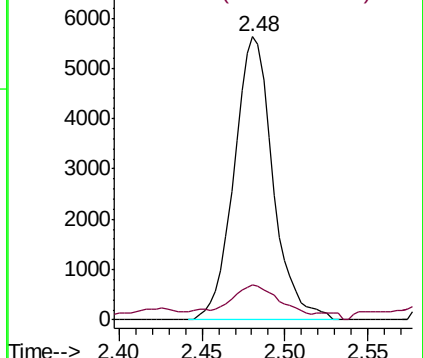
76 100

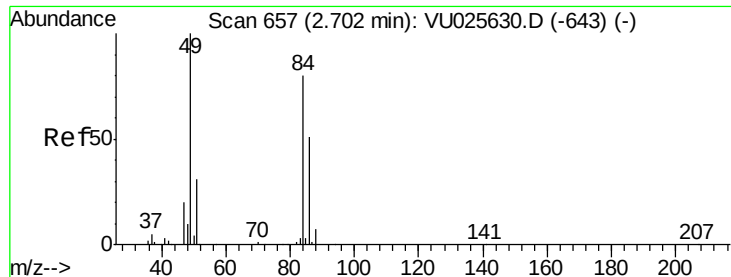
78 10.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

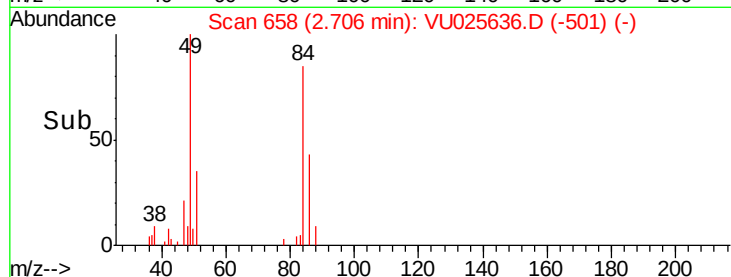
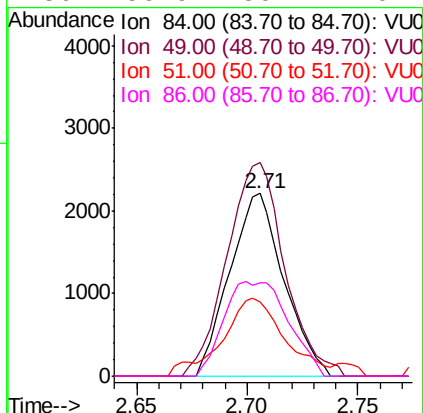
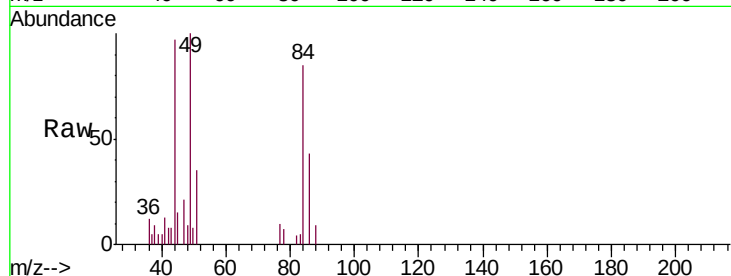




#15
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

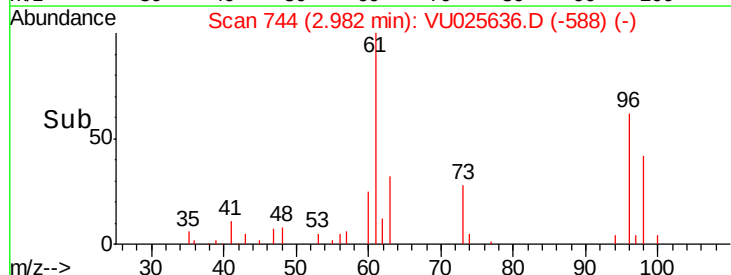
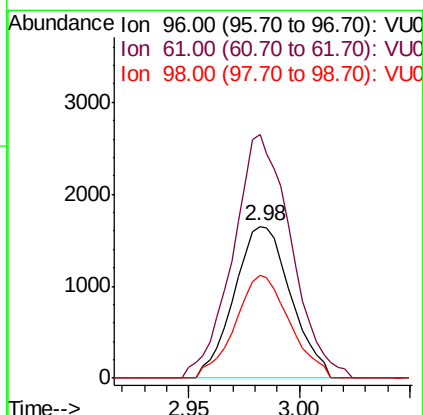
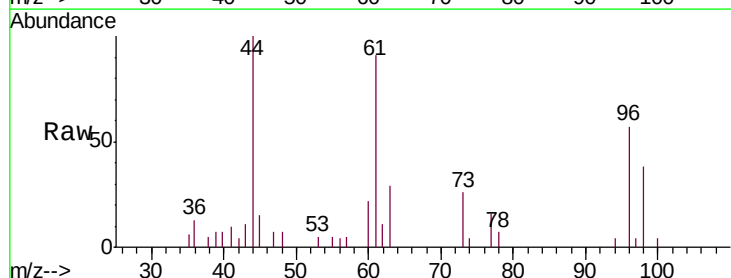
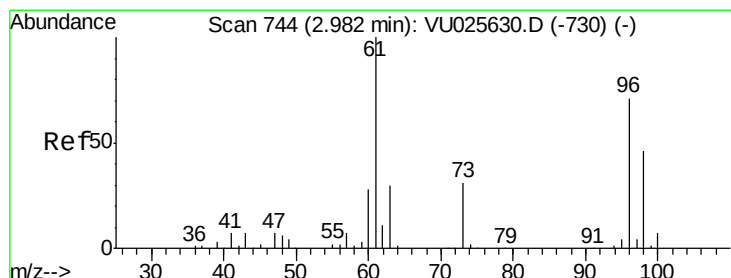
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

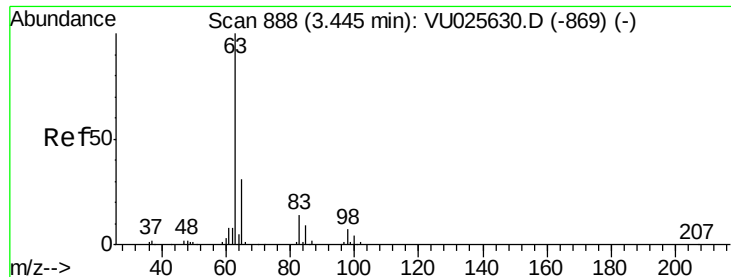
Tgt Ion:	84	Resp:	3760
Ion	Ratio	Lower	Upper
84	100		
49	112.1	108.7	163.1
51	34.3	0.0	82.4
86	50.9	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 0.275 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion:	96	Resp:	2932
Ion	Ratio	Lower	Upper
96	100		
61	152.7	123.9	185.9
98	67.9	50.6	76.0

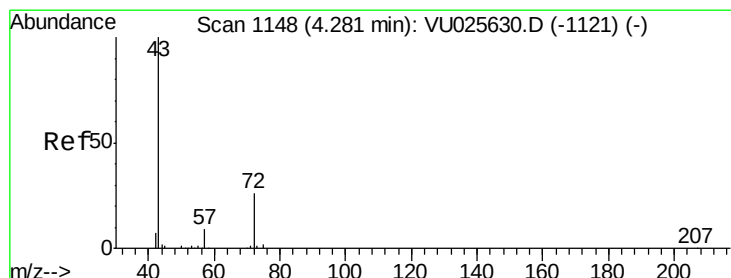
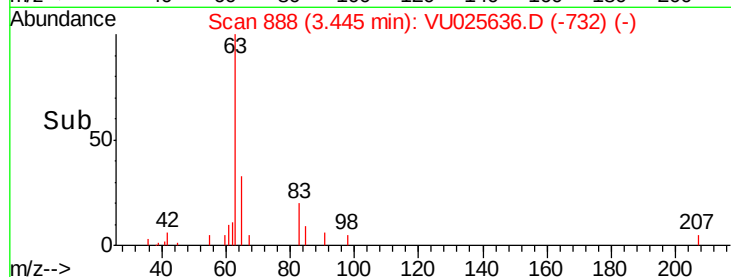
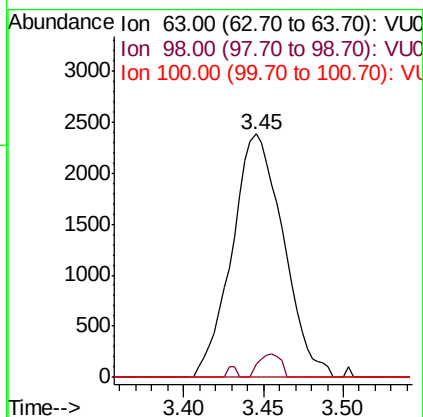
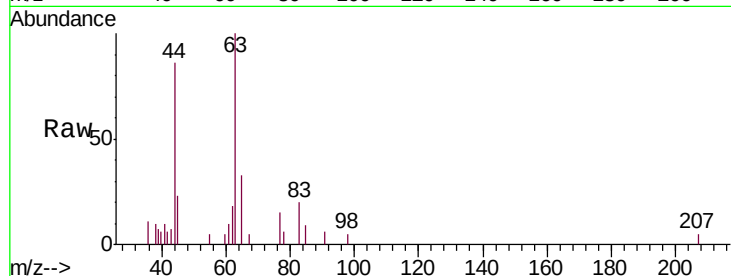




#17
 1,1-Dichloroethane
 Concen: 0.248 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

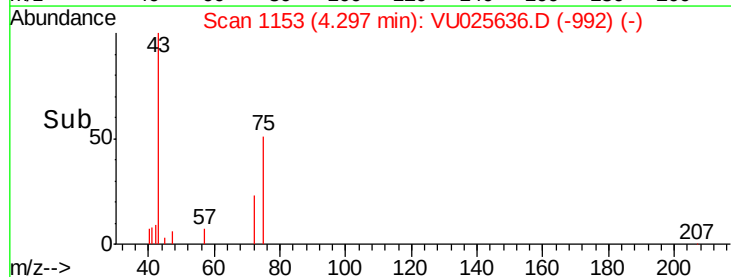
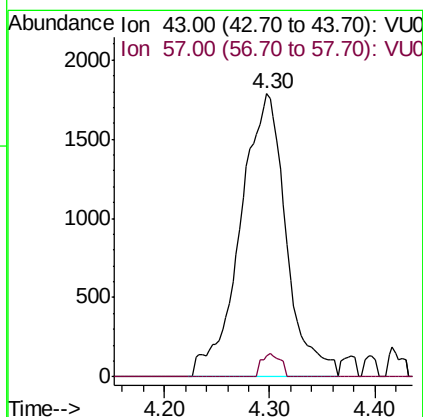
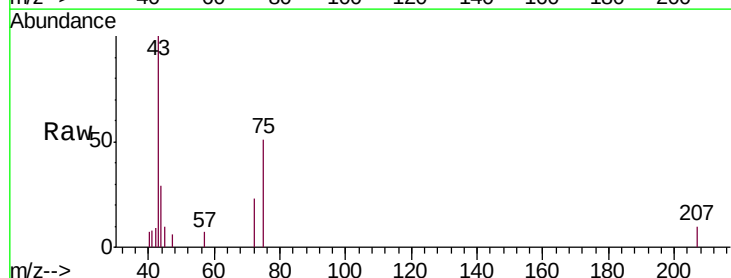
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

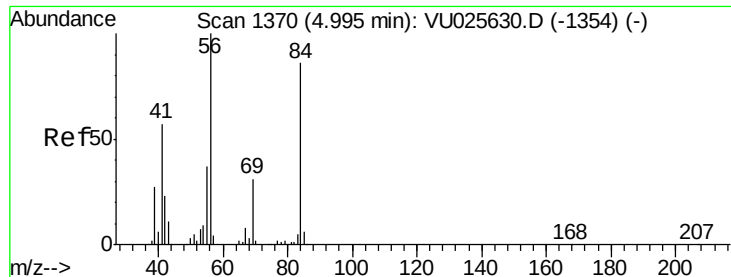
Tgt Ion: 63 Resp: 5231
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 0.0 2.0 5.8#



#18
 2-Butanone
 Concen: 1.714 ug/l
 RT: 4.30 min Scan# 1153
 Delta R.T. 0.02 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 43 Resp: 5417
 Ion Ratio Lower Upper
 43 100
 57 7.3 0.0 15.8

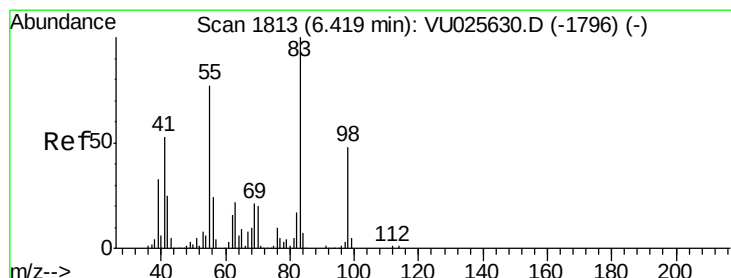
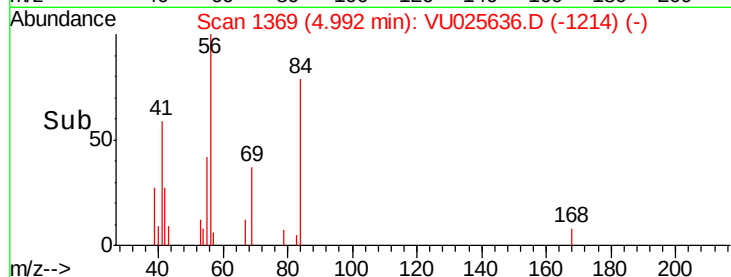
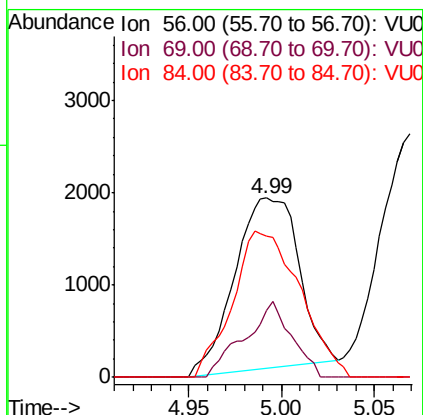
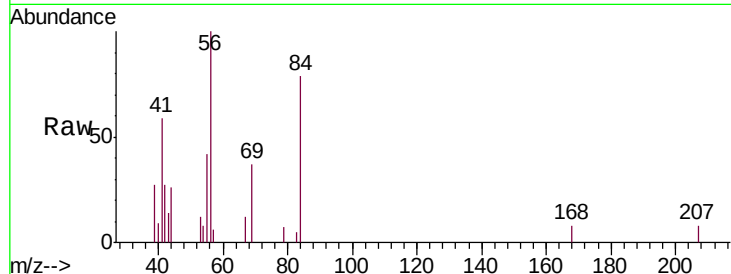




#19
Cyclohexane
Concen: 0.274 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

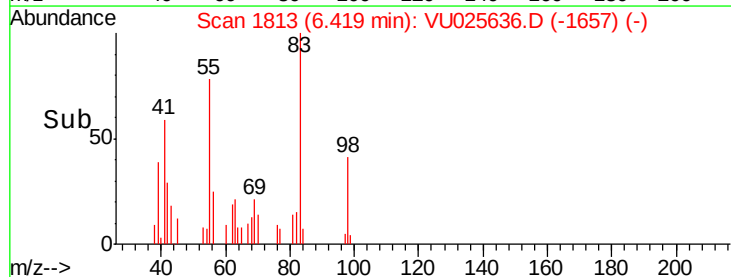
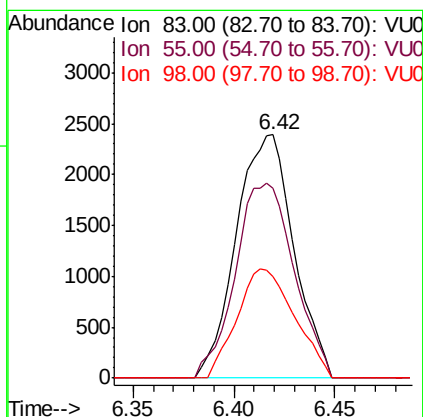
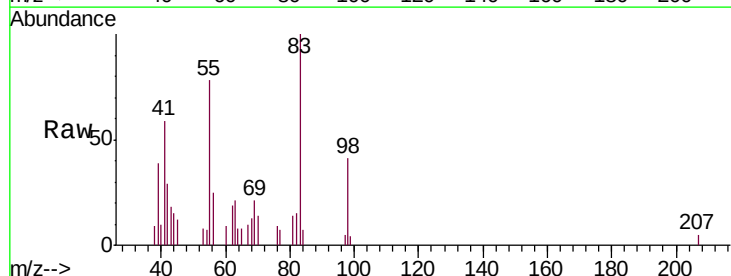
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

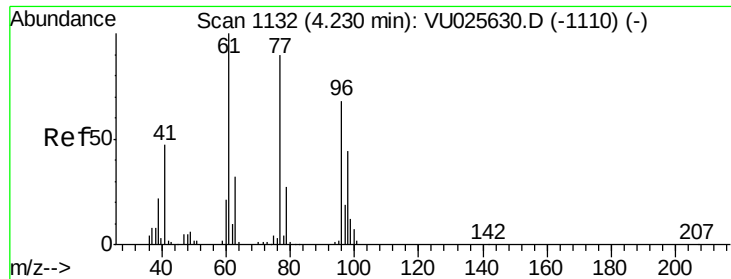
Tgt Ion: 56 Resp: 4462
Ion Ratio Lower Upper
56 100
69 32.3 26.0 39.0
84 89.9 68.3 102.5



#20
Methylcyclohexane
Concen: 0.238 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 83 Resp: 4759
Ion Ratio Lower Upper
83 100
55 81.9 66.4 99.6
98 44.8 35.4 53.2

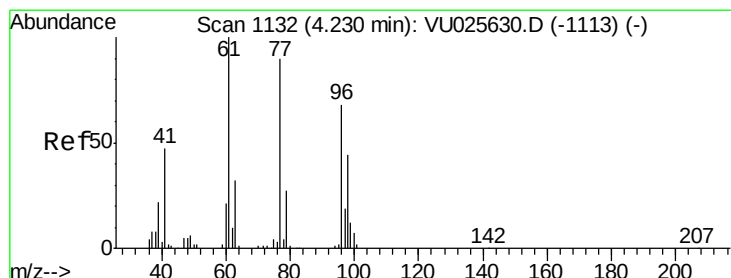
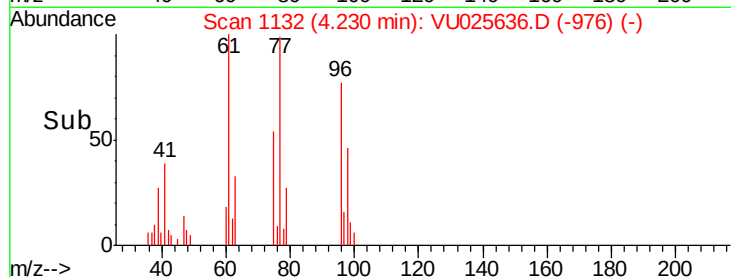
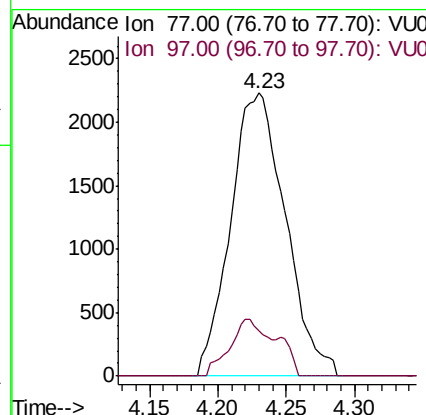
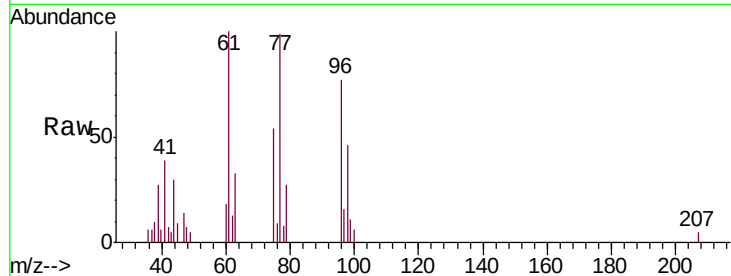




#21
 2,2-Dichloropropane
 Concen: 0.309 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

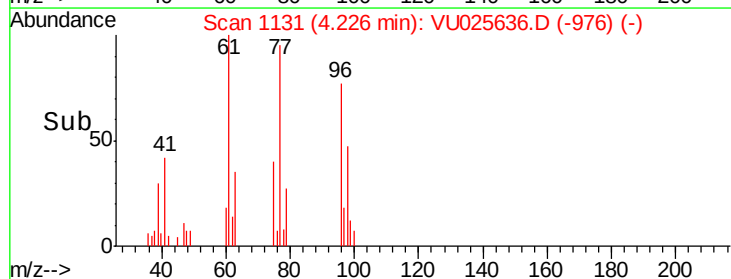
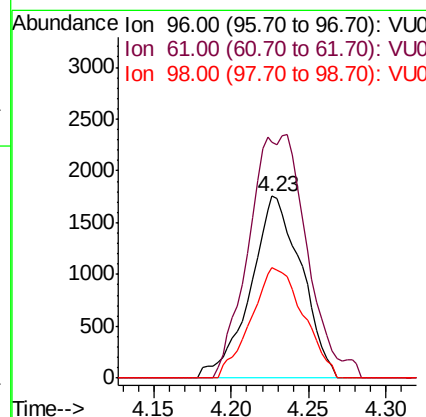
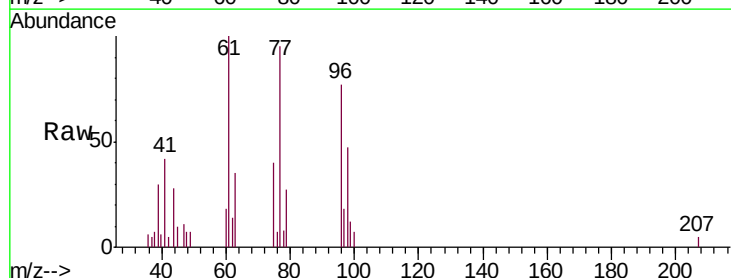
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

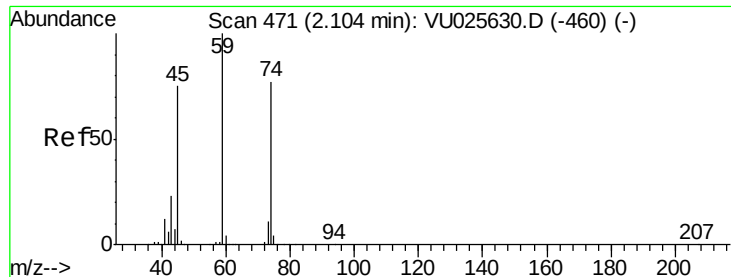
Tgt Ion: 77 Resp: 6231
 Ion Ratio Lower Upper
 77 100
 97 13.2 17.9 26.9#



#22
 cis-1,2-Dichloroethene
 Concen: 0.301 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 96 Resp: 4037
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 400.5
 98 62.2 32.2 96.6





#23

Diethyl Ether

Concen: 0.259 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

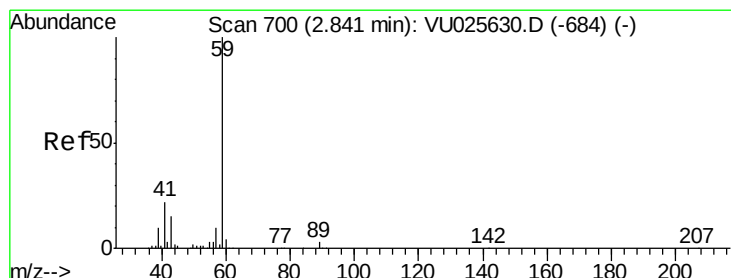
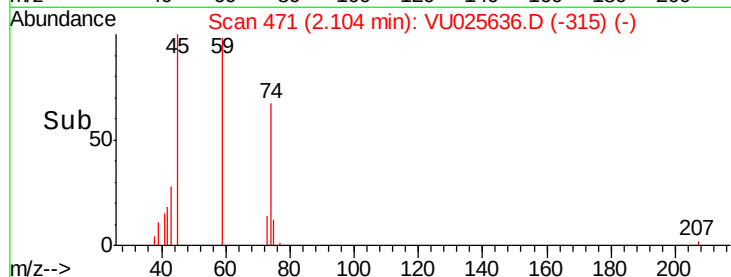
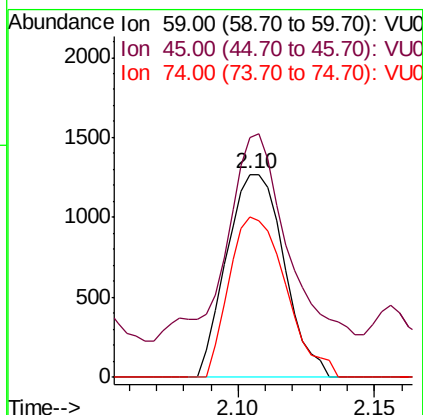
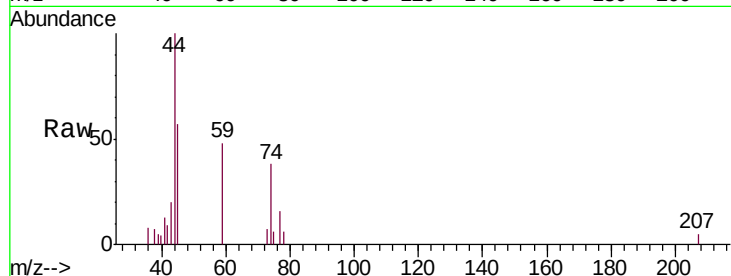
Tgt Ion: 59 Resp: 1864

Ion Ratio Lower Upper

59 100

45 105.5 60.0 90.0#

74 78.1 56.5 84.7



#24

tert-Butyl Alcohol

Concen: 3.435 ug/l

RT: 2.86 min Scan# 706

Delta R.T. 0.02 min

Lab File: VU025636.D

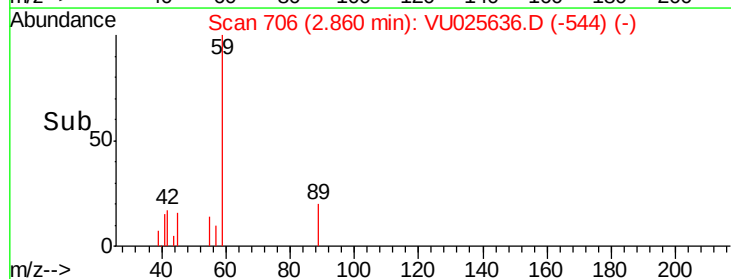
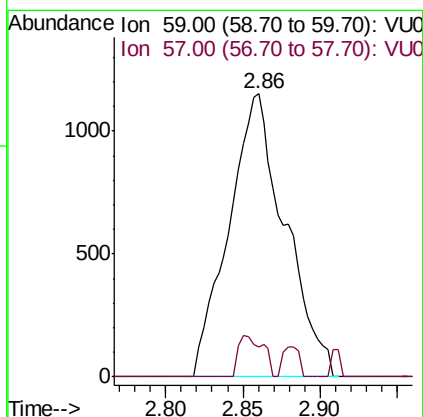
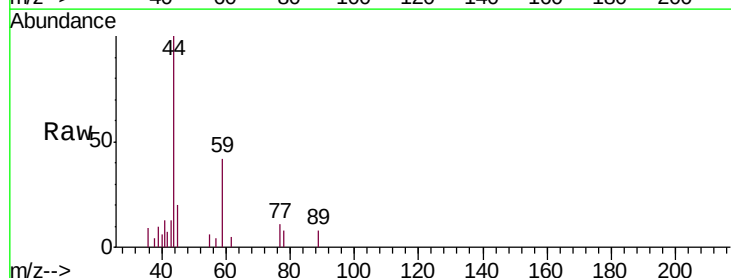
Acq: 25 Jul 2018 17:28

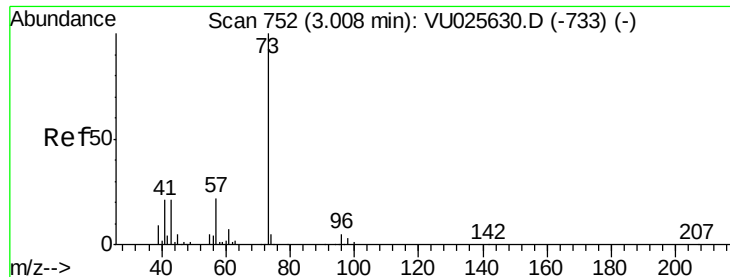
Tgt Ion: 59 Resp: 2903

Ion Ratio Lower Upper

59 100

57 6.4 3.4 5.2#



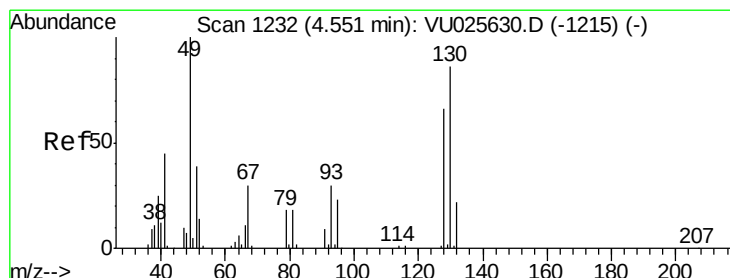
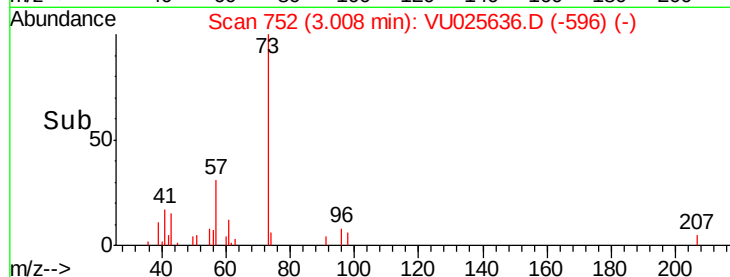
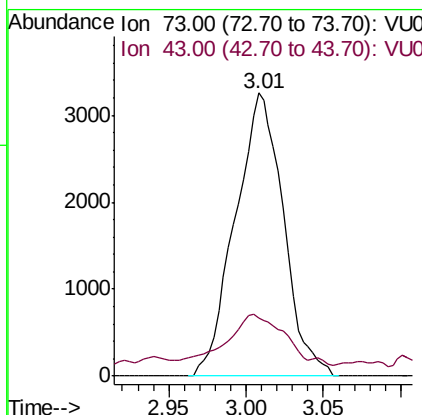
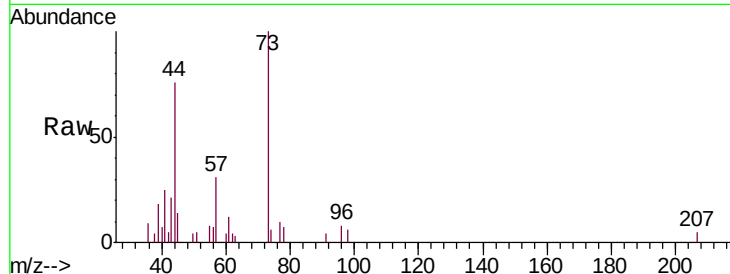


#25

Methyl tert-Butyl Ether
Concen: 0.274 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

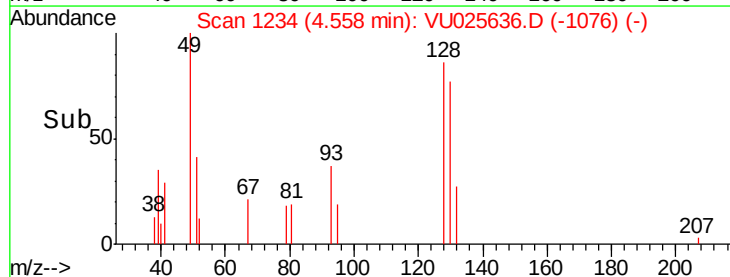
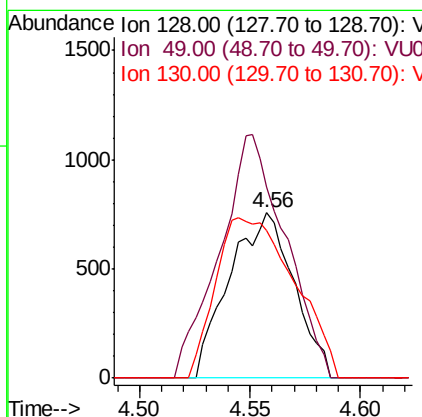
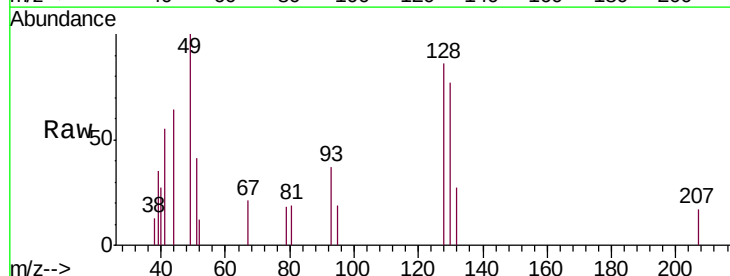
Tgt Ion: 73 Resp: 7031
Ion Ratio Lower Upper
73 100
43 18.3 16.2 24.2

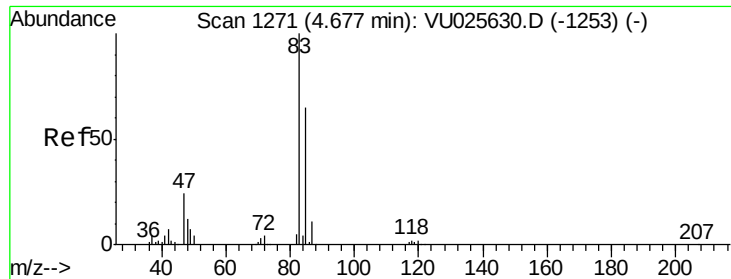


#26

Bromochloromethane
Concen: 0.259 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 128 Resp: 1532
Ion Ratio Lower Upper
128 100
49 150.2 0.0 375.2
130 118.3 105.8 158.6





#27

Chloroform

Concen: 0.269 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

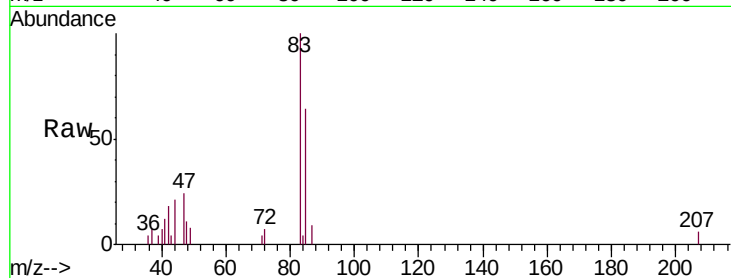
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 83 Resp: 6248

Ion Ratio Lower Upper

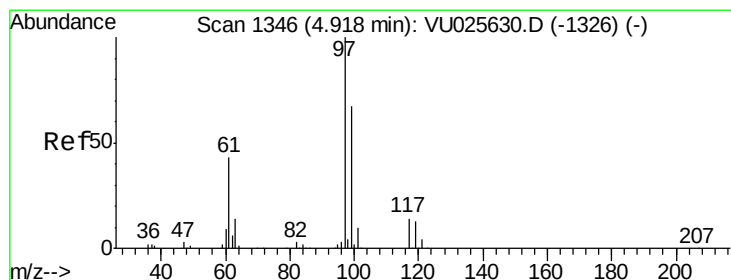
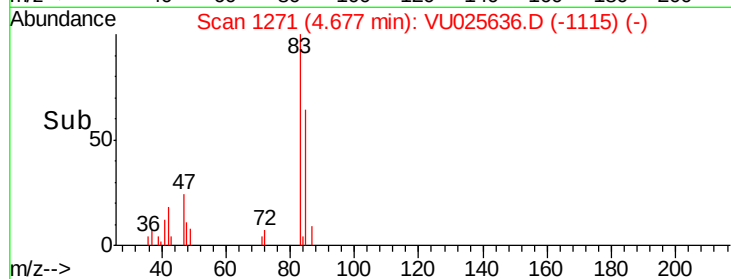
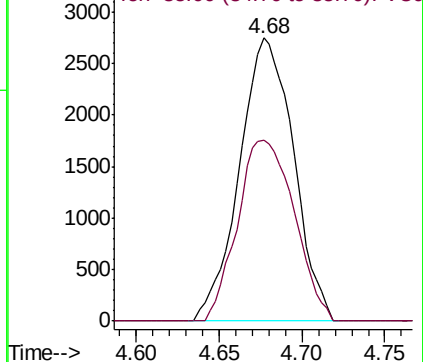
83 100

85 63.9 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 0.253 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

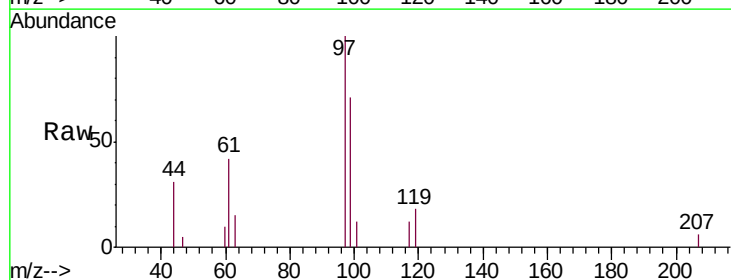
Tgt Ion: 97 Resp: 5307

Ion Ratio Lower Upper

97 100

99 63.5 32.3 96.9

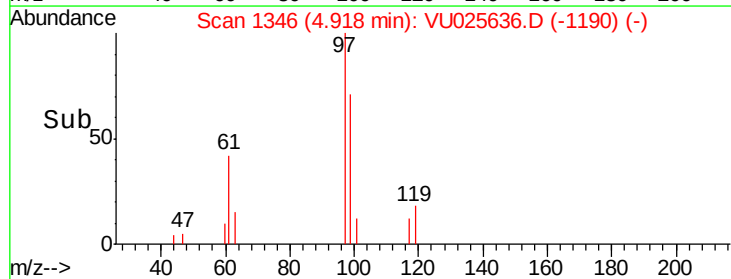
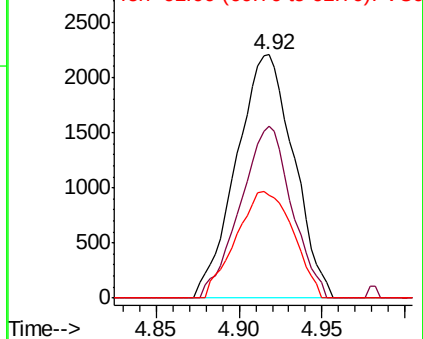
61 43.6 23.2 69.5

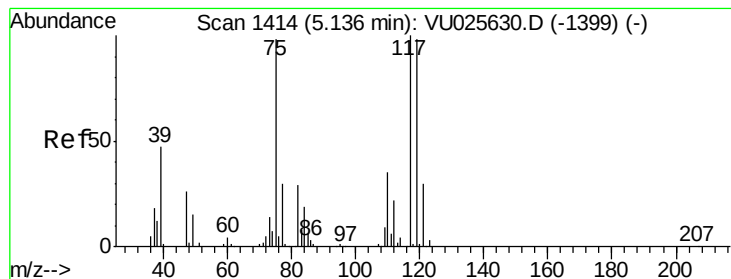


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 0.253 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

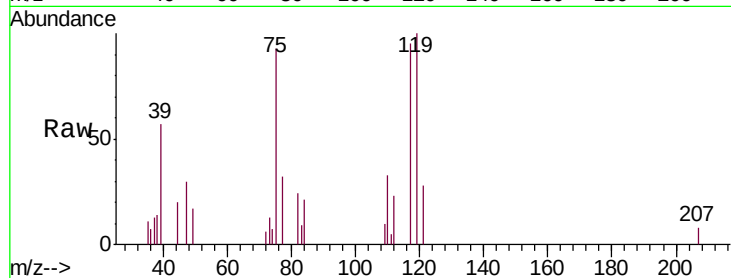
Tgt Ion: 75 Resp: 4347

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.7

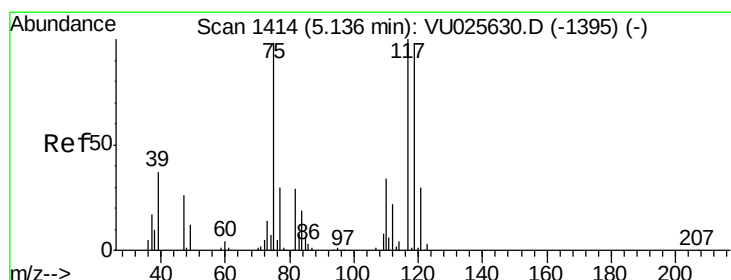
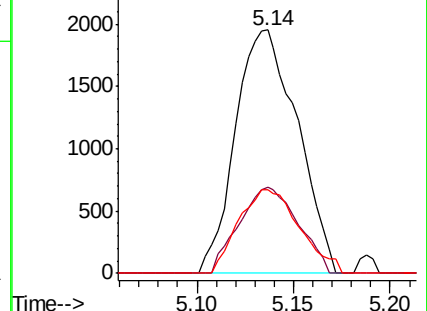
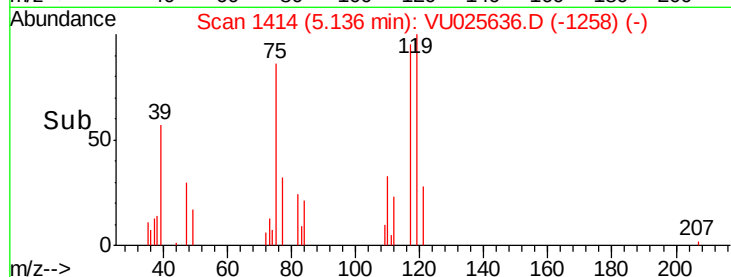
77 34.0 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU025636.D (-1258) (-)

Ion 110.00 (109.70 to 110.70): VU025636.D (-1258) (-)

Ion 77.00 (76.70 to 77.70): VU025636.D (-1258) (-)



#30

Carbon Tetrachloride

Concen: 0.254 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

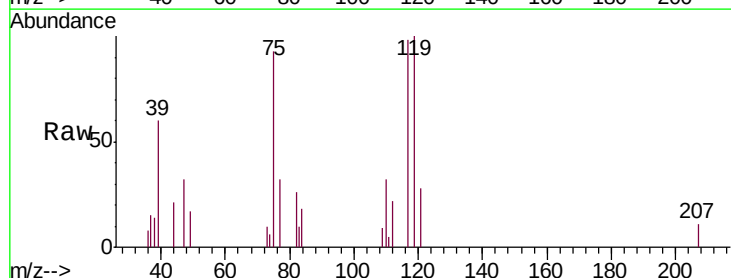
Tgt Ion: 117 Resp: 4834

Ion Ratio Lower Upper

117 100

119 101.7 77.3 115.9

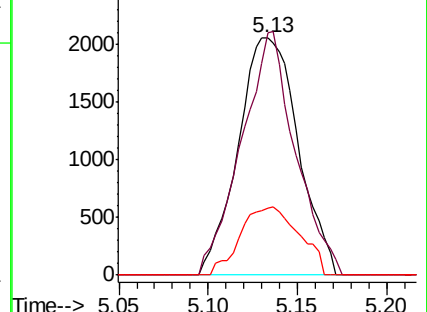
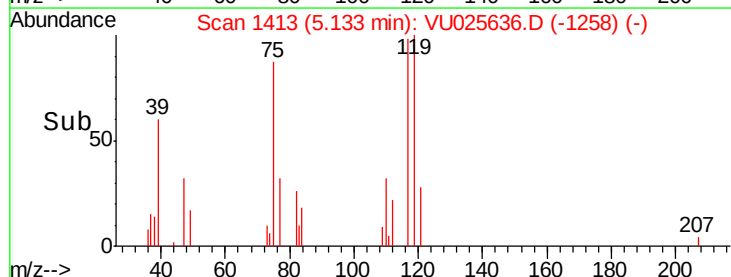
121 28.2 24.5 36.7

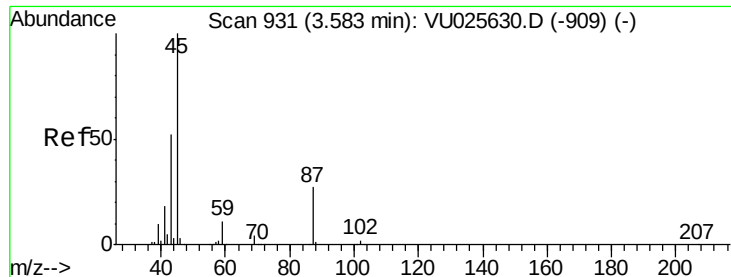


Abundance Ion 117.00 (116.70 to 117.70): VU025636.D (-1258) (-)

Ion 119.00 (118.70 to 119.70): VU025636.D (-1258) (-)

Ion 121.00 (120.70 to 121.70): VU025636.D (-1258) (-)





#31

Isopropyl Ether

Concen: 0.280 ug/l

RT: 3.58 min Scan# 929

Delta R.T. -0.01 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

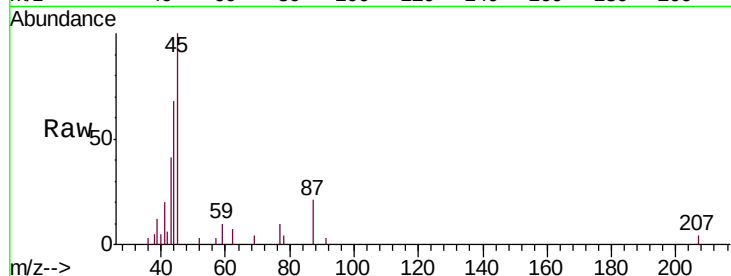
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 45 Resp: 9474

Ion Ratio Lower Upper

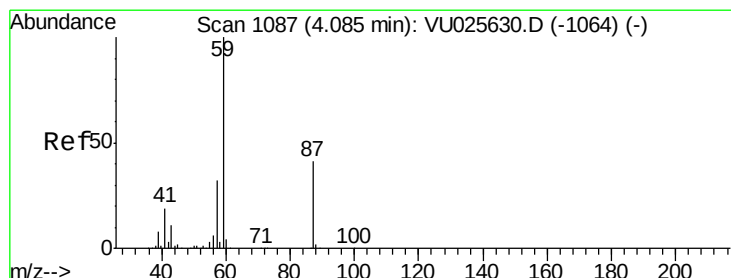
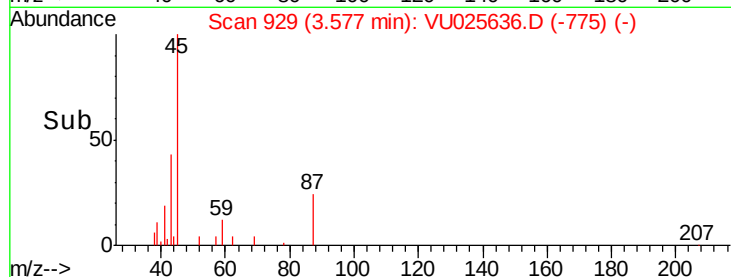
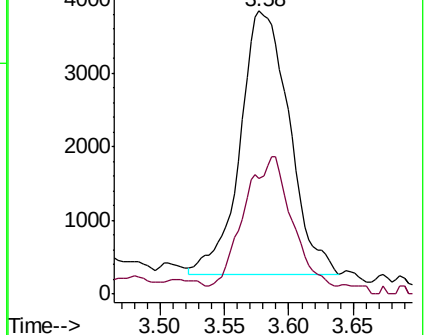
45 100

43 46.9 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU025636.D (-929) (-)

Ion 43.00 (42.70 to 43.70): VU025636.D (-929) (-)



#32

Ethyl-t-butyl ether

Concen: 0.272 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU025636.D

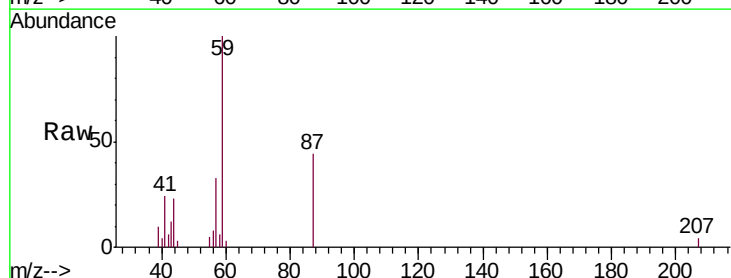
Acq: 25 Jul 2018 17:28

Tgt Ion: 59 Resp: 8758

Ion Ratio Lower Upper

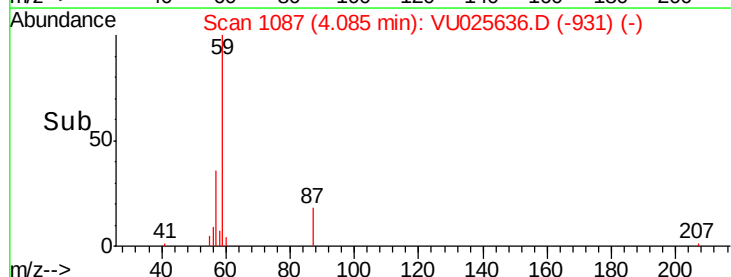
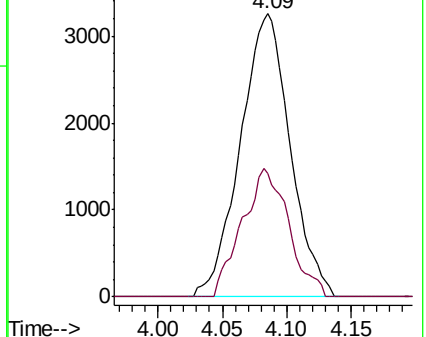
59 100

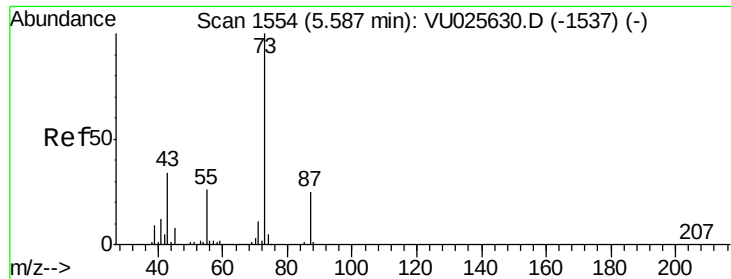
87 42.3 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU025636.D (-1087) (-)

Ion 87.00 (86.70 to 87.70): VU025636.D (-1087) (-)

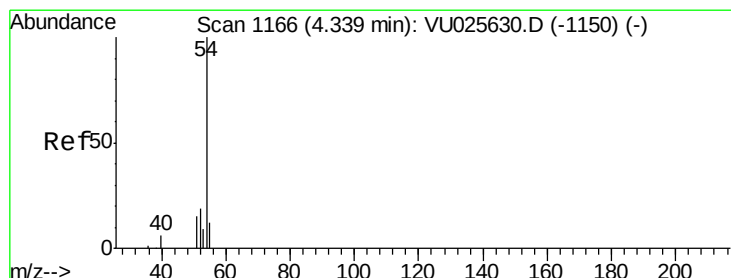
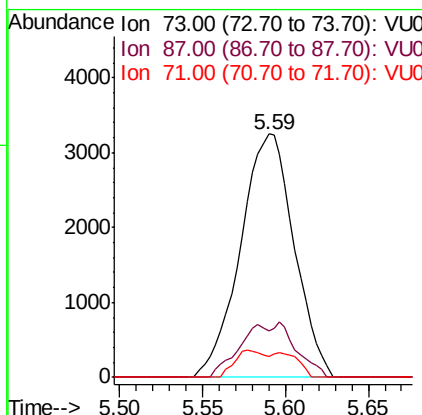
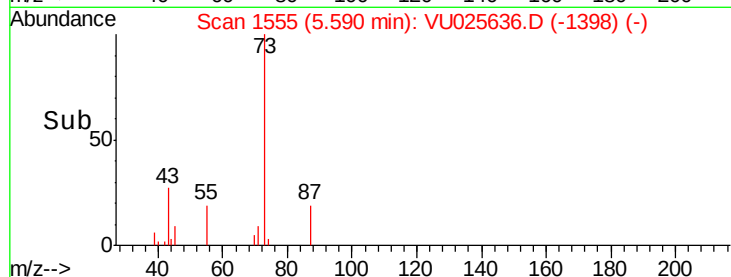
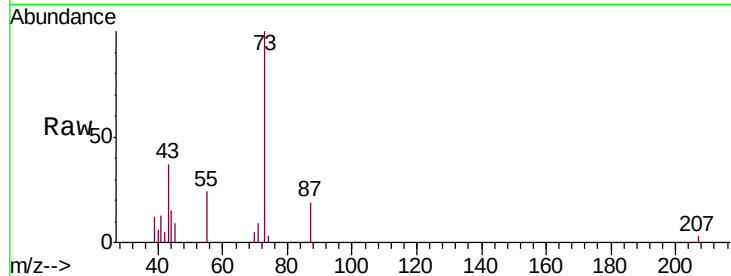




#33
Tert-Amyl methyl ether
Concen: 0.258 ug/l
RT: 5.59 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

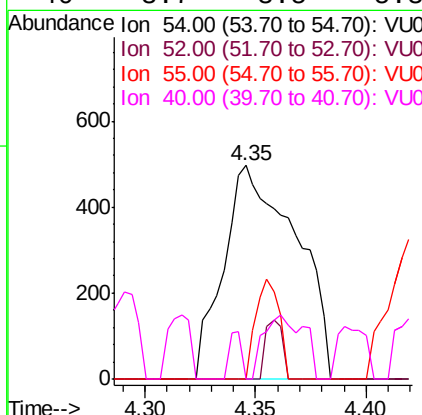
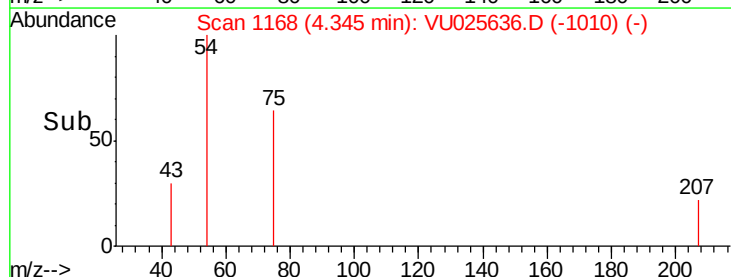
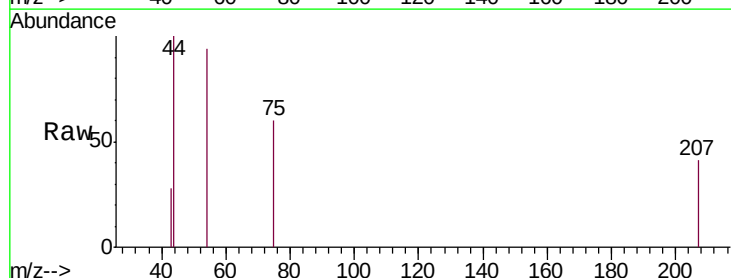
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

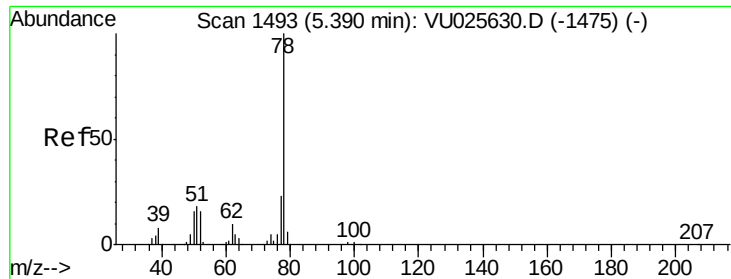
Tgt Ion: 73 Resp: 7318
Ion Ratio Lower Upper
73 100
87 12.5 18.6 28.0#
71 6.5 9.3 13.9#



#34
Propionitrile
Concen: 1.286 ug/l
RT: 4.35 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 54 Resp: 1129
Ion Ratio Lower Upper
54 100
52 0.0 13.7 20.5#
55 0.0 10.2 15.2#
40 3.7 3.5 5.3





#35

Benzene

Concen: 0.252 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

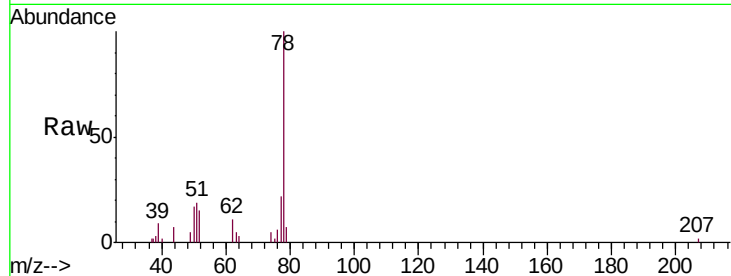
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 78 Resp: 12098

Ion Ratio Lower Upper

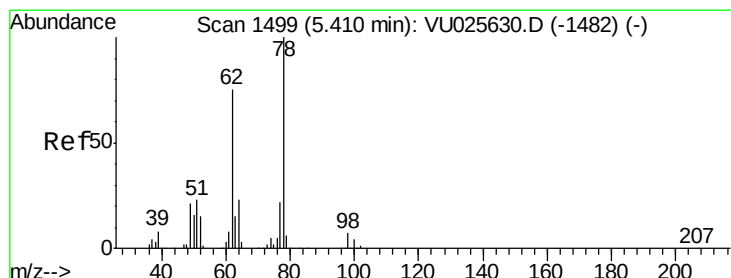
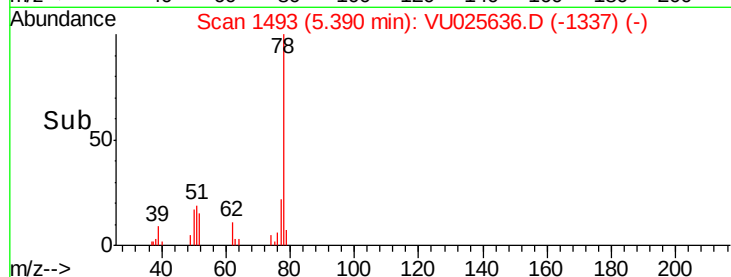
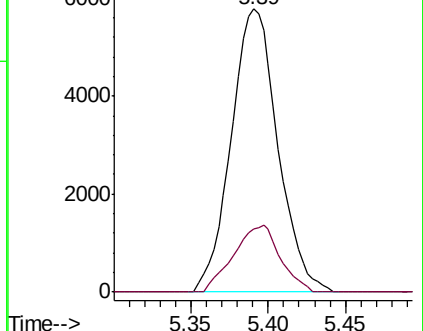
78 100

77 22.2 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 0.243 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025636.D

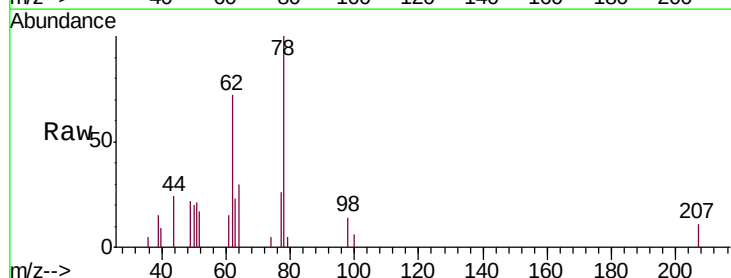
Acq: 25 Jul 2018 17:28

Tgt Ion: 62 Resp: 3577

Ion Ratio Lower Upper

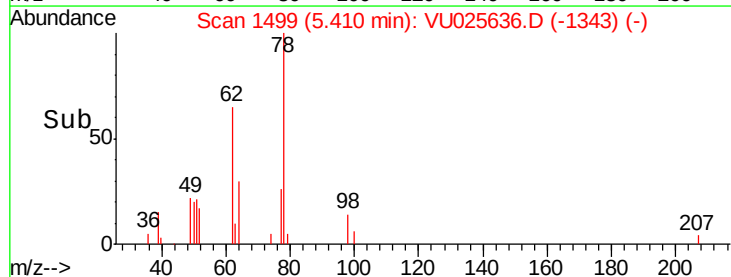
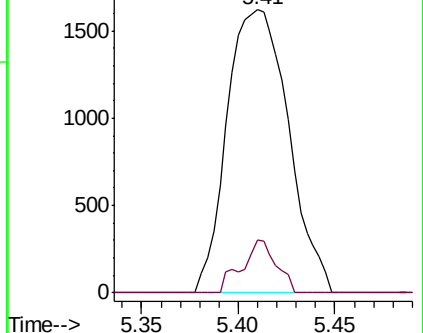
62 100

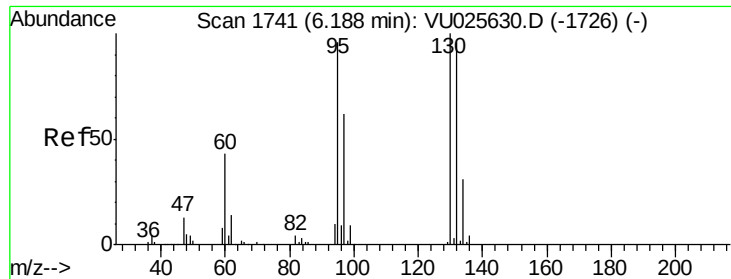
98 10.5 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 0.285 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

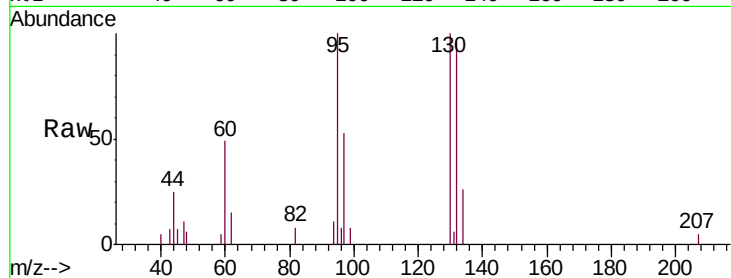
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:130 Resp: 4032

Ion Ratio Lower Upper

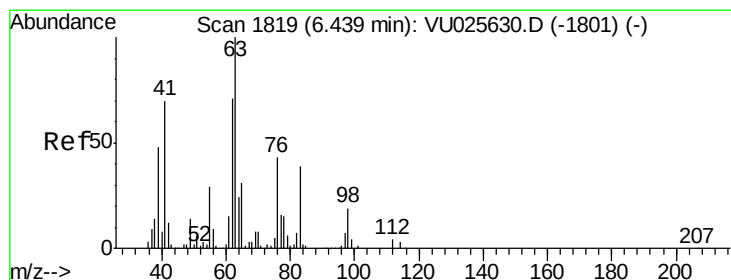
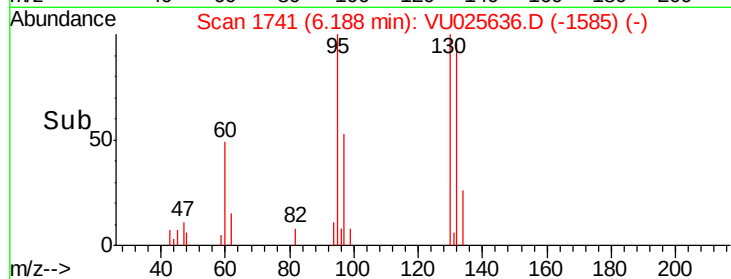
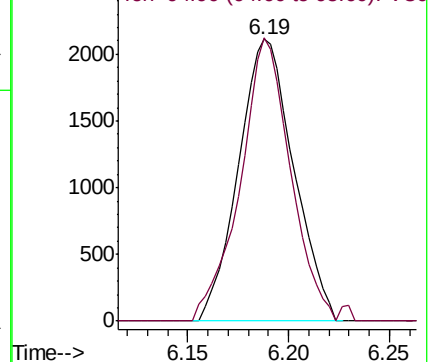
130 100

95 100.5 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 0.246 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025636.D

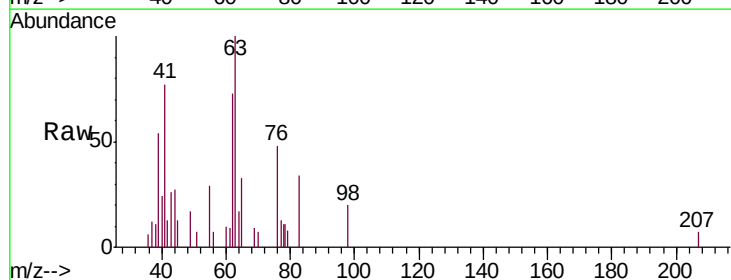
Acq: 25 Jul 2018 17:28

Tgt Ion: 63 Resp: 3060

Ion Ratio Lower Upper

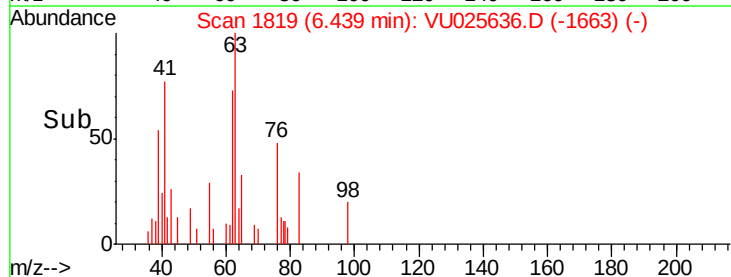
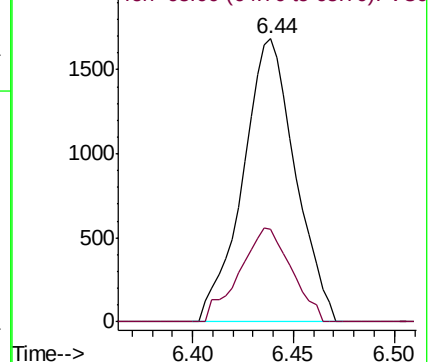
63 100

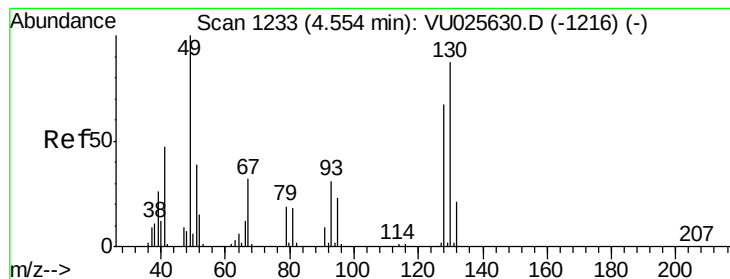
65 32.7 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





#39

Methacrylonitrile

Concen: 0.274 ug/l

RT: 4.56 min Scan# 1235

Delta R.T. 0.01 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 41 Resp: 1107

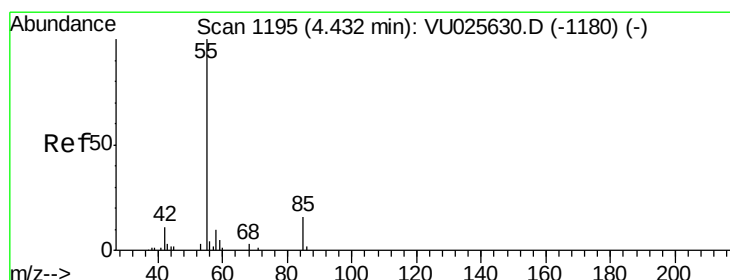
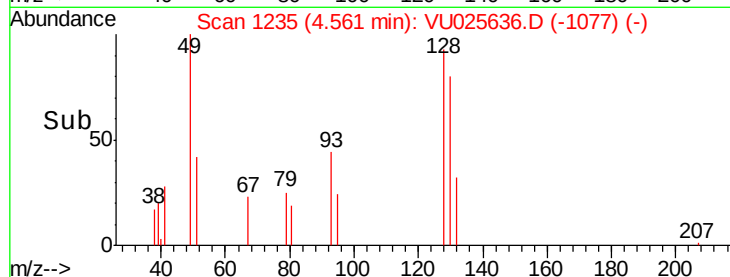
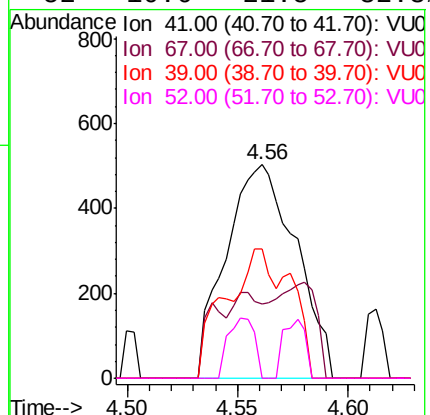
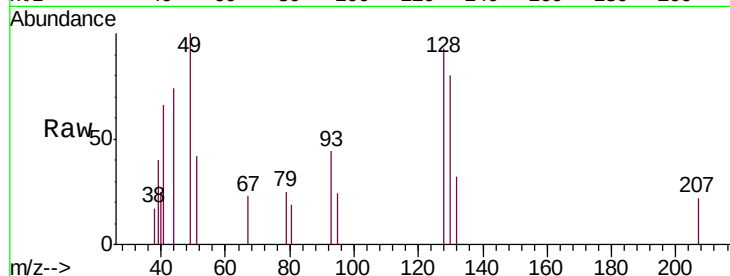
Ion Ratio Lower Upper

41 100

67 6.1 51.3 76.9#

39 41.5 40.6 60.8

52 10.6 21.5 32.3#



#40

Methyl acrylate

Concen: 0.261 ug/l

RT: 4.44 min Scan# 1196

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Tgt Ion: 55 Resp: 1591

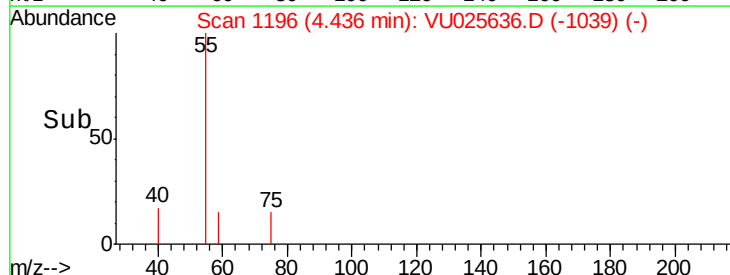
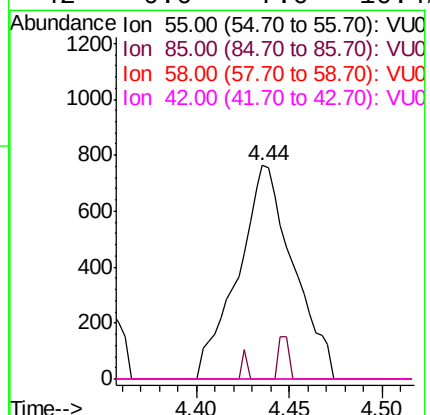
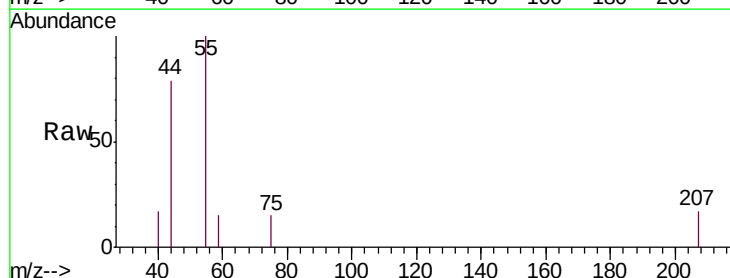
Ion Ratio Lower Upper

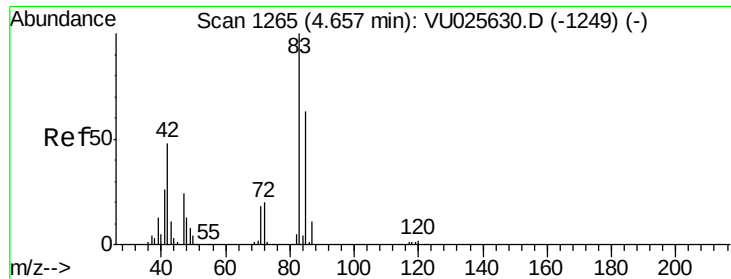
55 100

85 0.0 12.3 18.5#

58 0.0 7.0 10.6#

42 0.0 7.0 10.4#

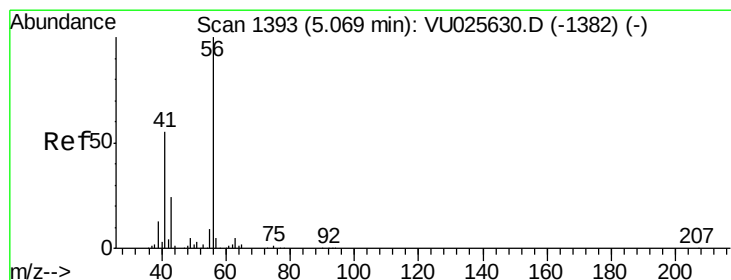
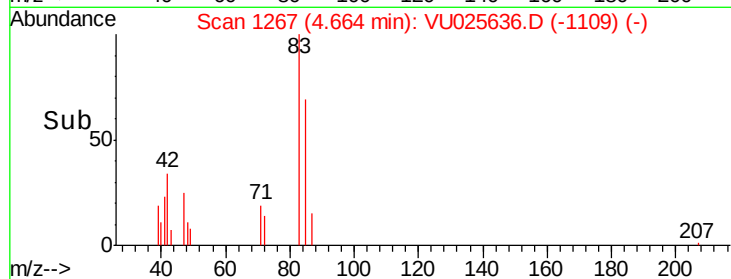
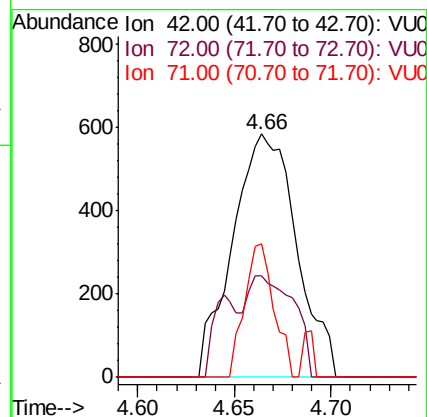
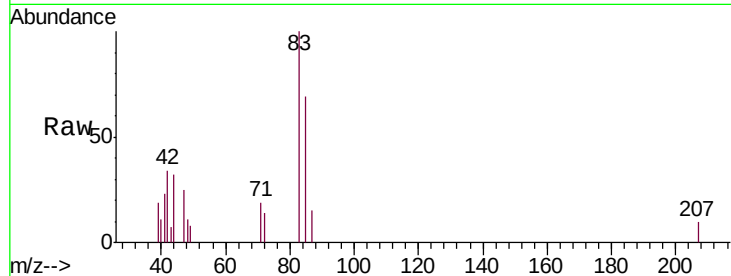




#41
Tetrahydrofuran
Concen: 0.561 ug/l
RT: 4.66 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

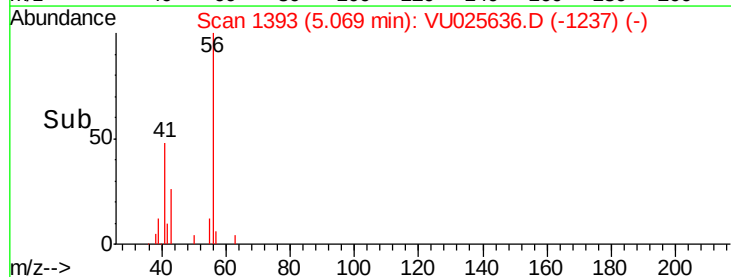
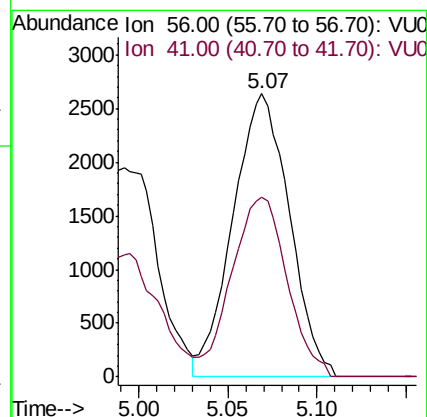
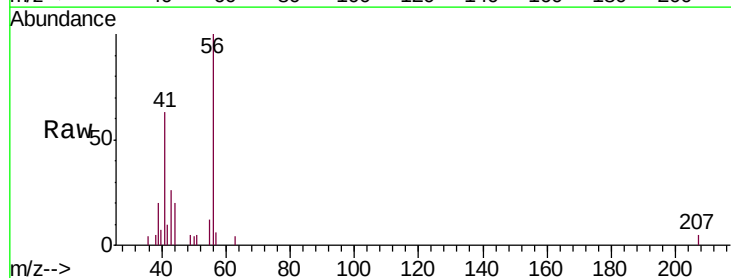
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

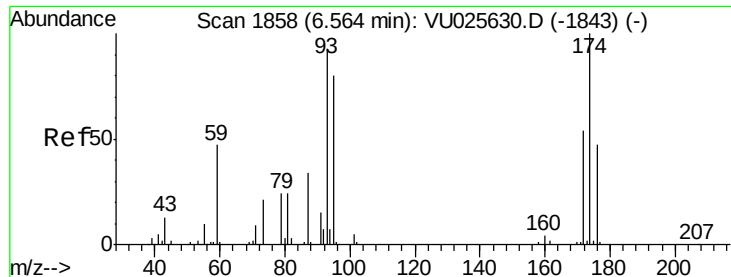
Tgt Ion: 42 Resp: 1340
Ion Ratio Lower Upper
42 100
72 29.3 33.2 49.8#
71 25.0 29.8 44.8#



#42
1-Chlorobutane
Concen: 0.248 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 56 Resp: 5813
Ion Ratio Lower Upper
56 100
41 62.0 27.5 82.5





#43

Dibromomethane

Concen: 0.252 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

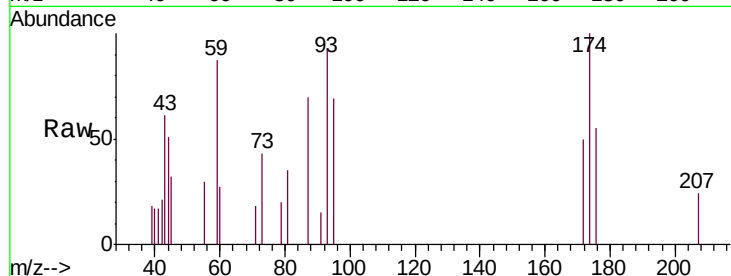
Tgt Ion: 93 Resp: 1640

Ion Ratio Lower Upper

93 100

95 74.2 67.2 100.8

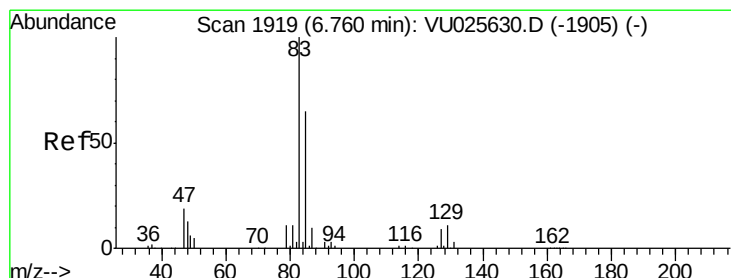
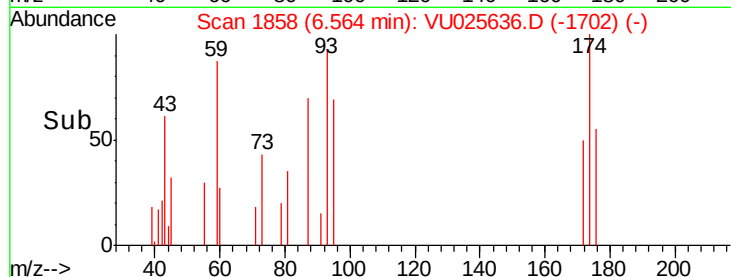
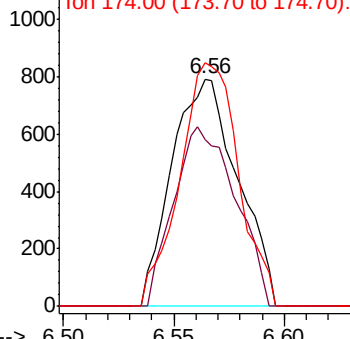
174 95.7 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 0.267 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

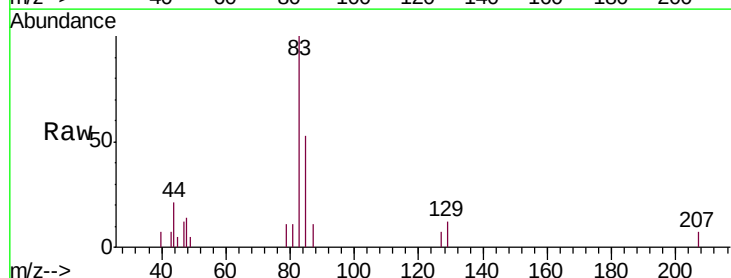
Tgt Ion: 83 Resp: 4399

Ion Ratio Lower Upper

83 100

85 52.6 52.2 78.4

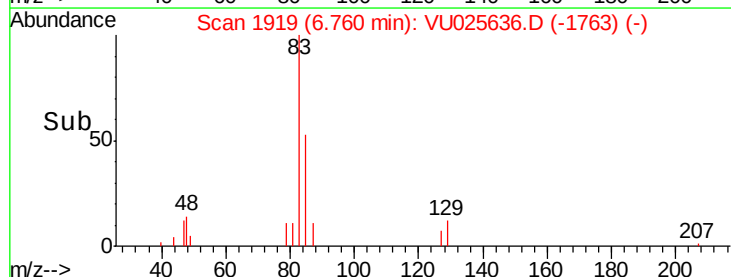
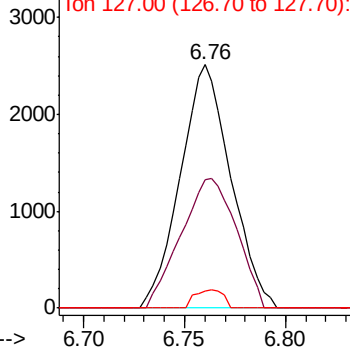
127 6.9 7.0 10.4#

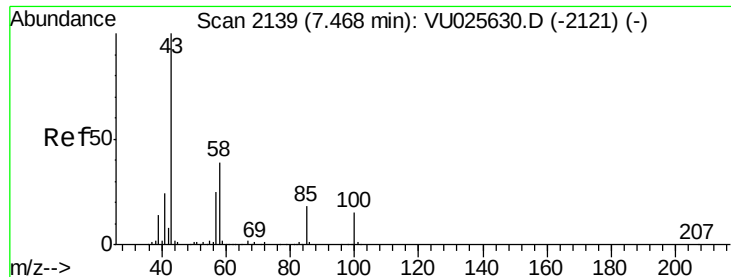


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

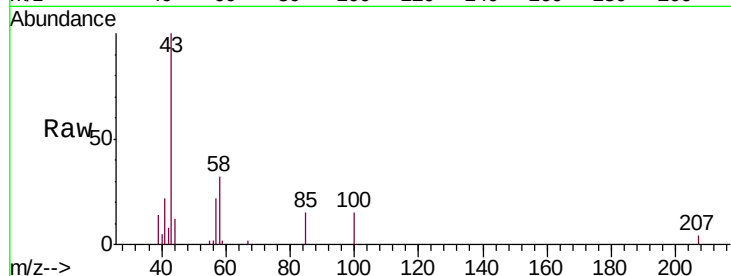




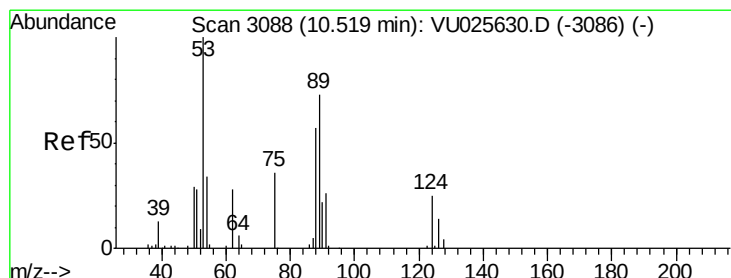
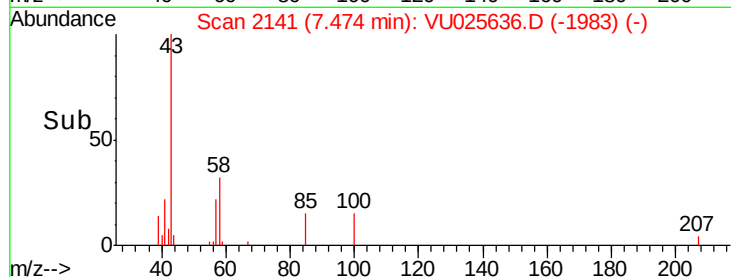
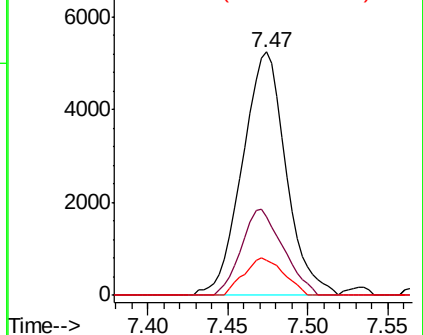
#45
4-Methyl-2-Pentanone
Concen: 1.352 ug/l
RT: 7.47 min Scan# 2141
Delta R.T. 0.01 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 43 Resp: 9802
Ion Ratio Lower Upper
43 100
58 33.7 18.8 56.4
85 14.0 12.6 19.0

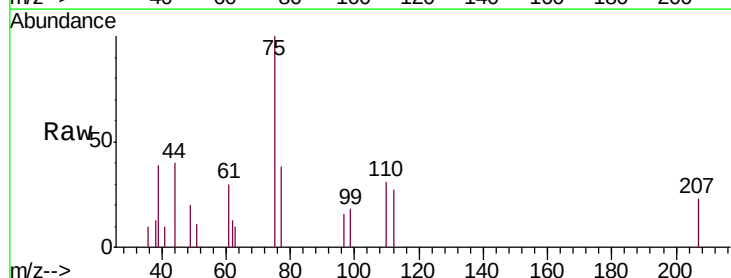


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

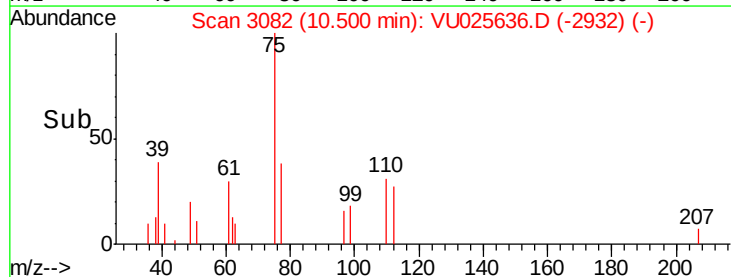
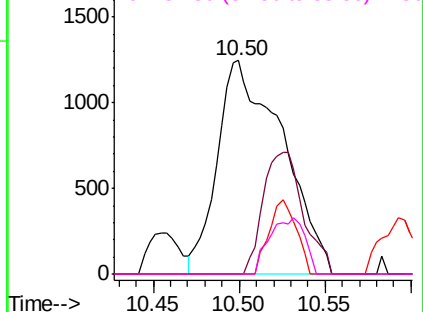


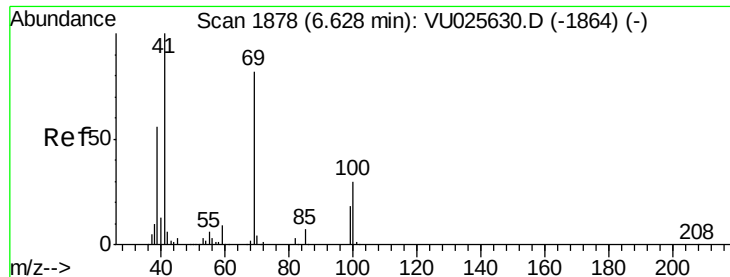
#46
t-1,4-Dichloro-2-butene
Concen: 2.484 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 75 Resp: 3284
Ion Ratio Lower Upper
75 100
53 35.0 82.2 123.4#
89 14.4 51.3 76.9#
88 14.1 37.4 56.2#



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: 0.484 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 69 Resp: 2630

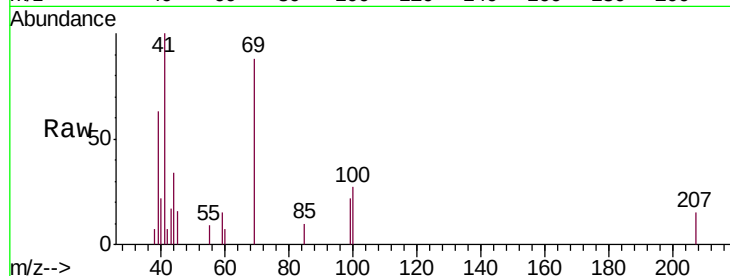
Ion Ratio Lower Upper

69 100

41 128.3 0.0 245.4

39 69.7 49.0 73.4

100 32.0 27.8 41.8

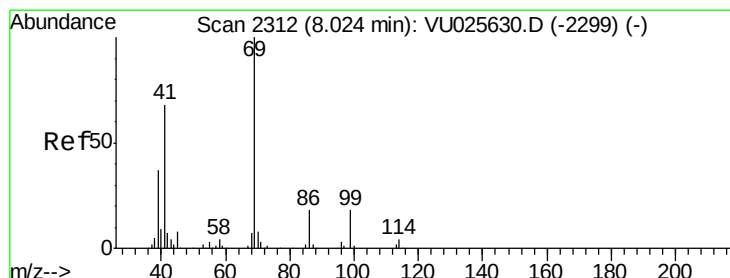
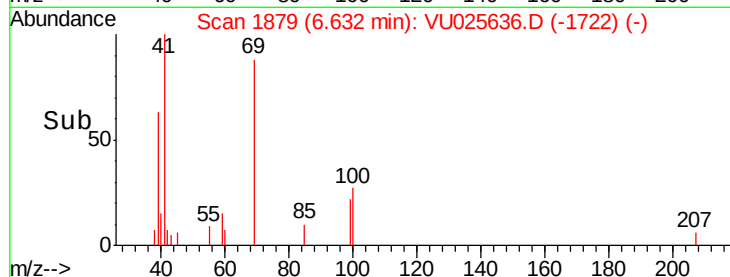
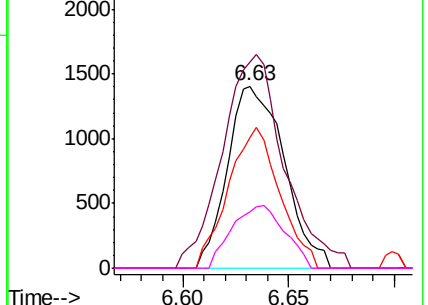


Abundance Ion 69.00 (68.70 to 69.70): VU0

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: 0.222 ug/l

RT: 8.03 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VU025636.D

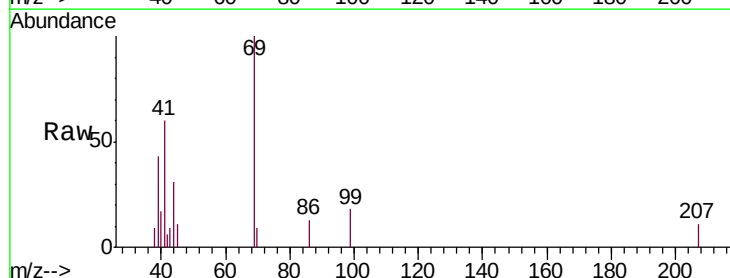
Acq: 25 Jul 2018 17:28

Tgt Ion: 69 Resp: 2420

Ion Ratio Lower Upper

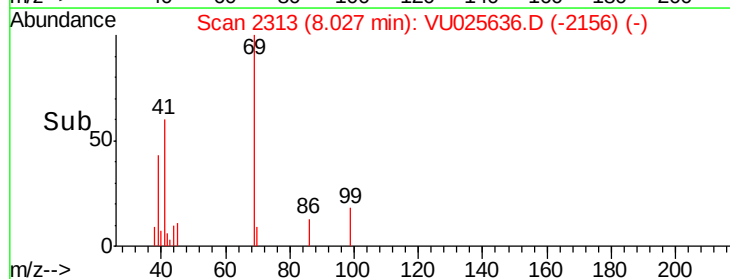
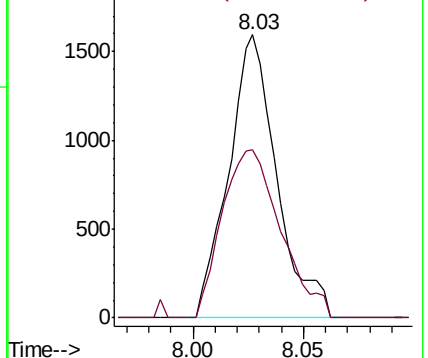
69 100

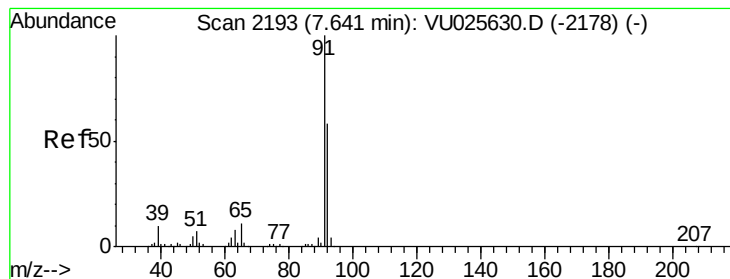
41 72.2 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 0.249 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

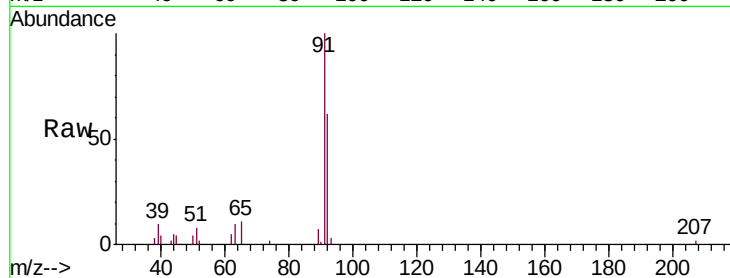
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 92 Resp: 7311

Ion Ratio Lower Upper

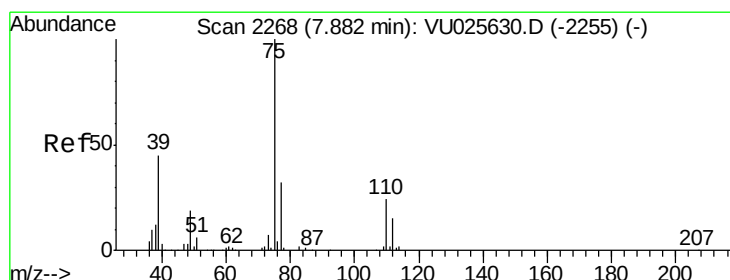
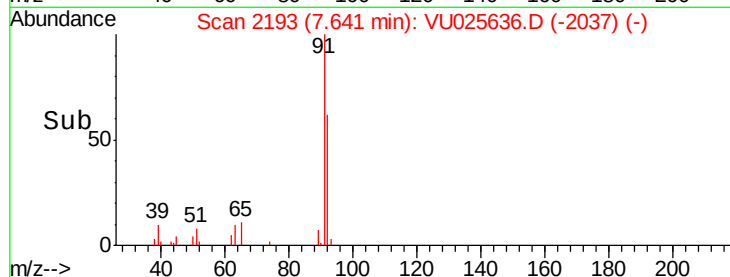
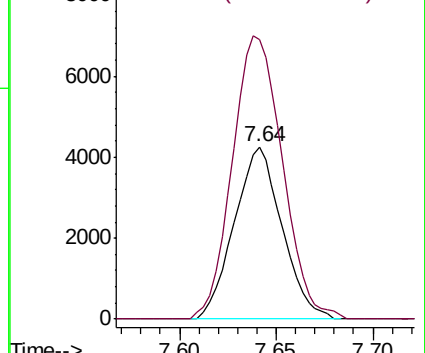
92 100

91 172.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 0.248 ug/l

RT: 7.89 min Scan# 2270

Delta R.T. 0.01 min

Lab File: VU025636.D

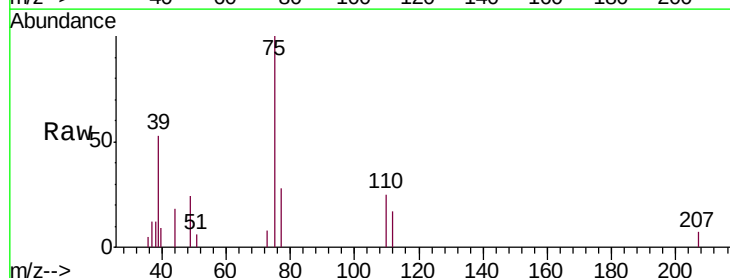
Acq: 25 Jul 2018 17:28

Tgt Ion: 75 Resp: 3683

Ion Ratio Lower Upper

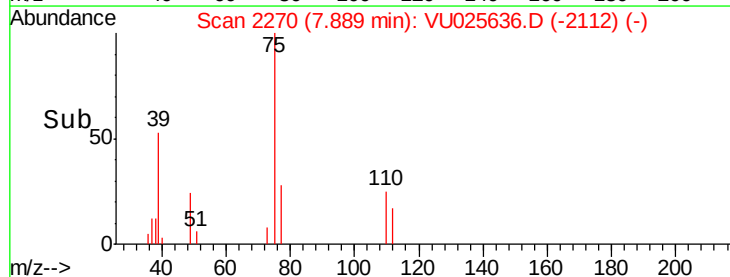
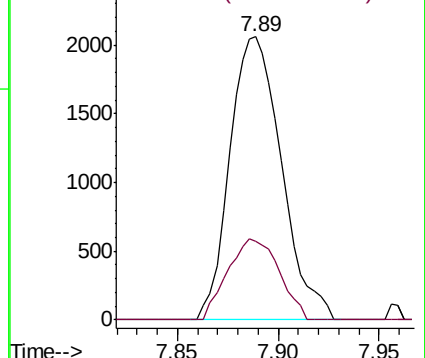
75 100

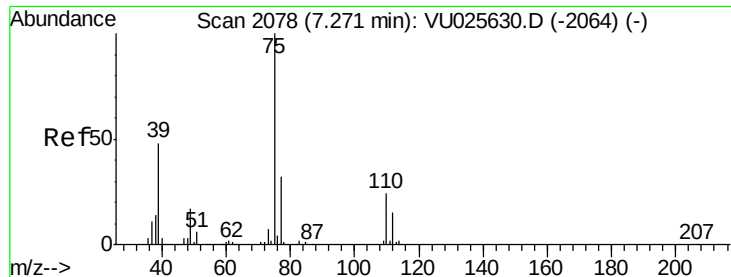
77 27.9 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 0.260 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

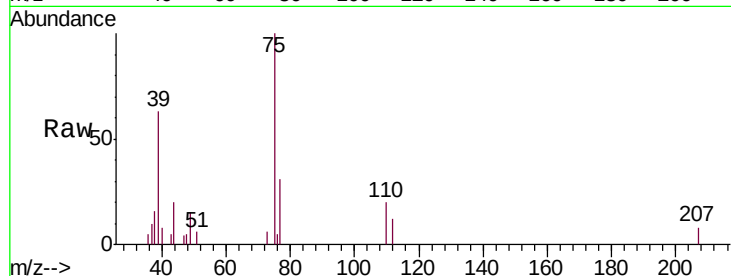
Tgt Ion: 75 Resp: 4634

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

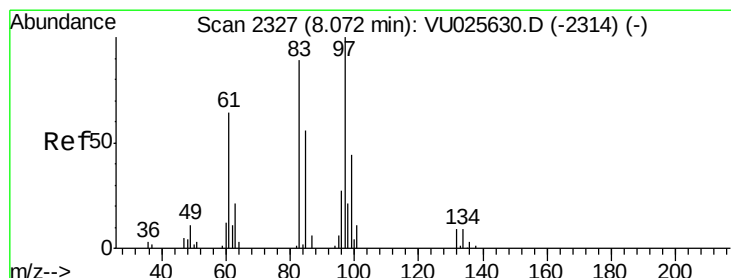
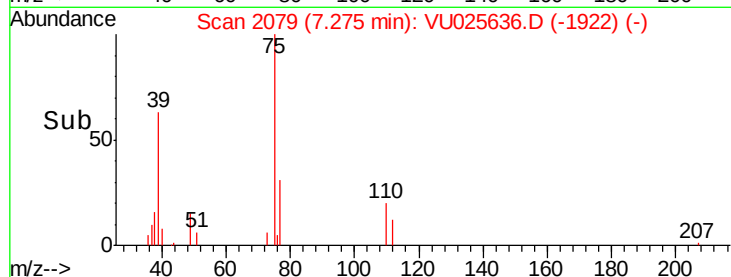
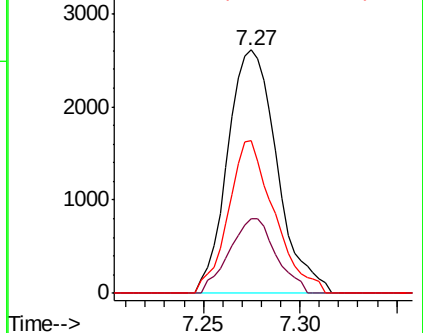
39 62.7 36.4 54.6#



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: 0.270 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Tgt Ion: 97 Resp: 2352

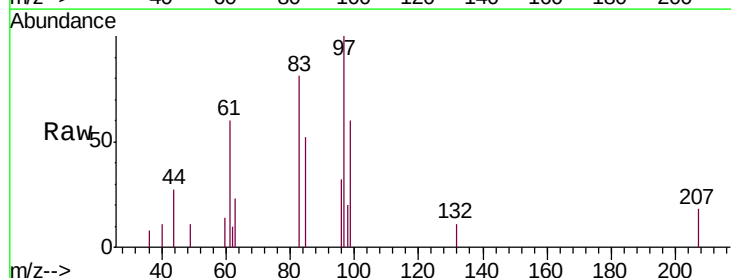
Ion Ratio Lower Upper

97 100

83 81.4 72.6 109.0

85 52.4 47.2 70.8

99 60.4 50.8 76.2

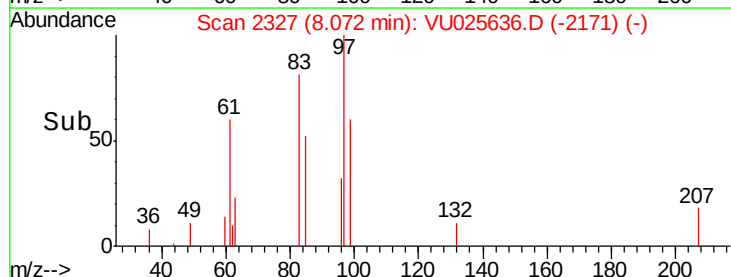
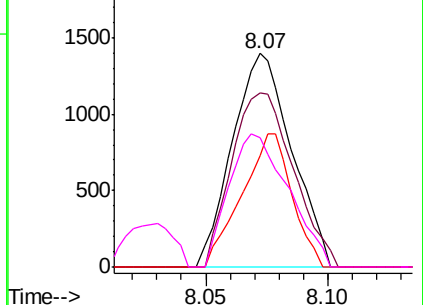


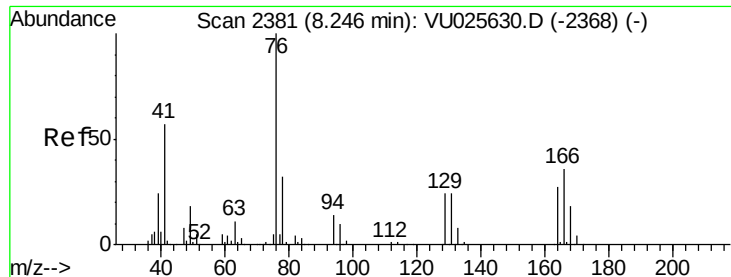
Abundance Ion 97.00 (96.70 to 97.70): VU0

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

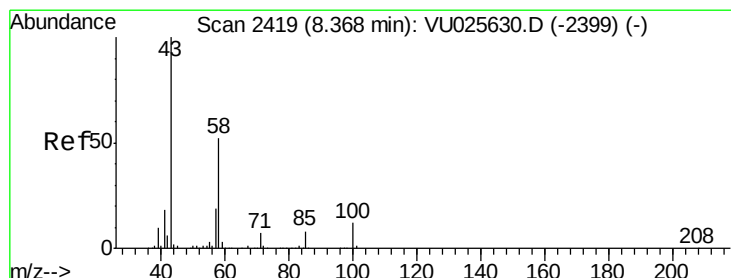
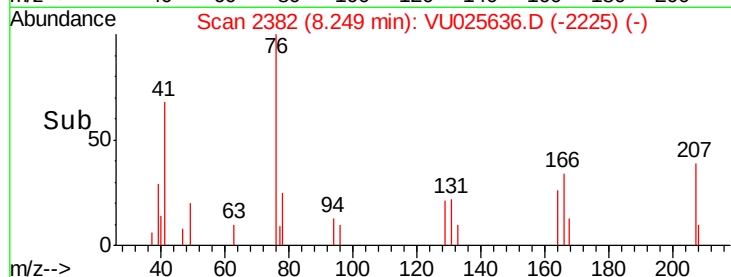
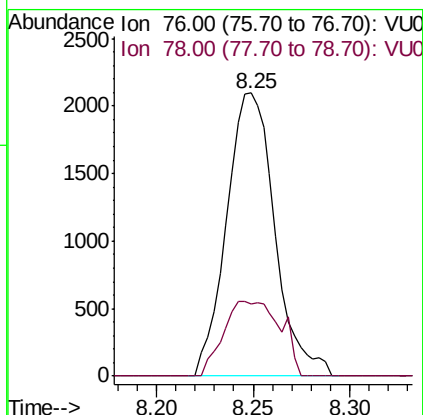
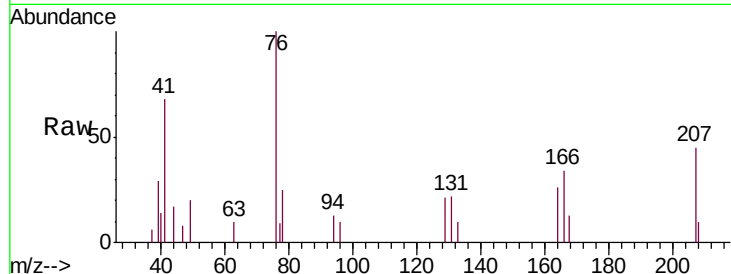




#53
 1,3-Dichloropropane
 Concen: 0.247 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

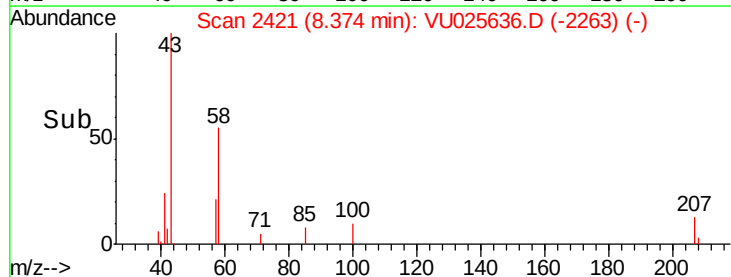
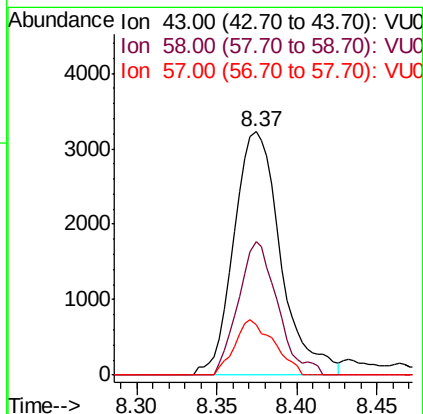
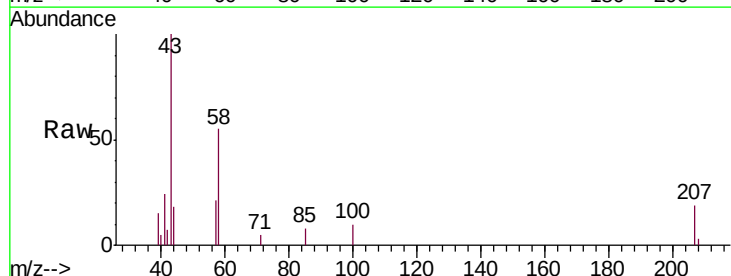
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

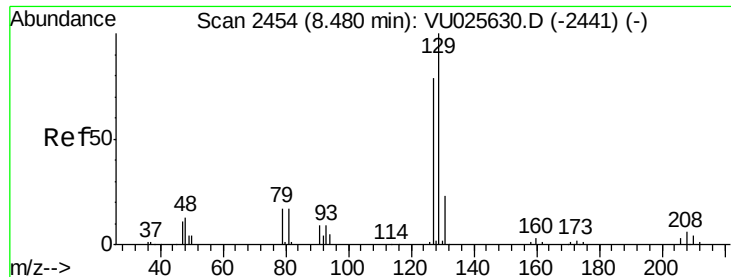
Tgt Ion: 76 Resp: 3636
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.7 38.5



#54
 2-Hexanone
 Concen: 1.258 ug/l
 RT: 8.37 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 43 Resp: 6444
 Ion Ratio Lower Upper
 43 100
 58 45.8 32.5 72.5
 57 18.9 0.0 37.9





#55

Dibromochloromethane

Concen: 0.234 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

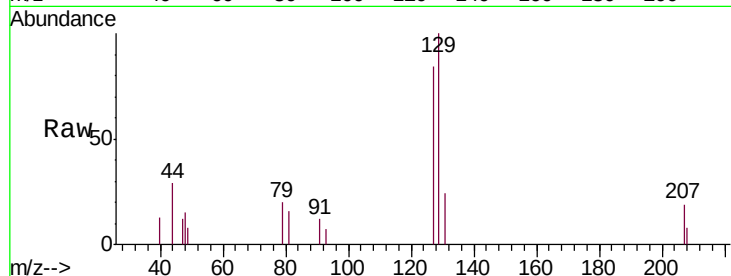
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:129 Resp: 2596

Ion Ratio Lower Upper

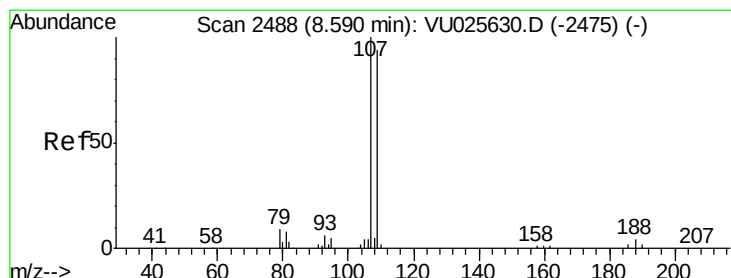
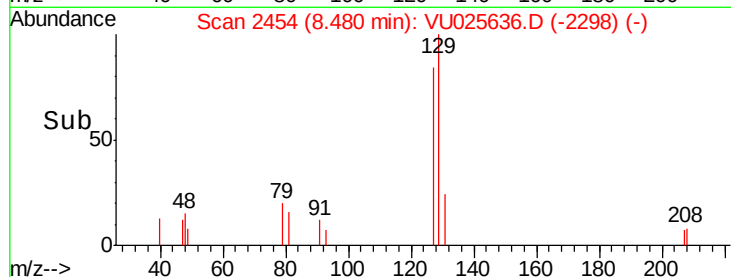
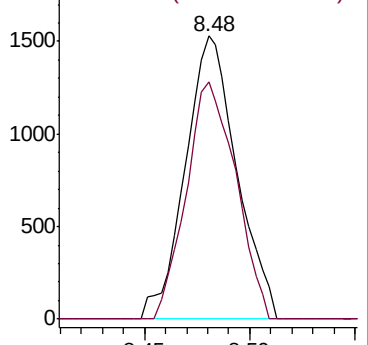
129 100

127 80.6 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.249 ug/l

RT: 8.60 min Scan# 2490

Delta R.T. 0.01 min

Lab File: VU025636.D

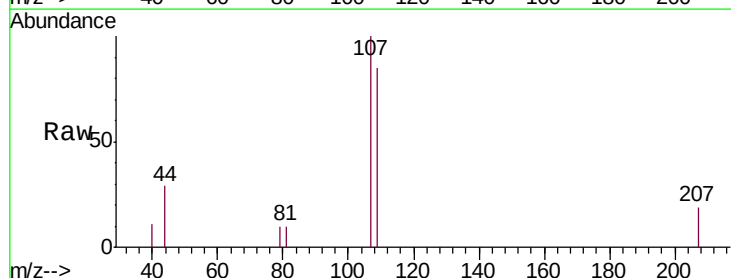
Acq: 25 Jul 2018 17:28

Tgt Ion:107 Resp: 2104

Ion Ratio Lower Upper

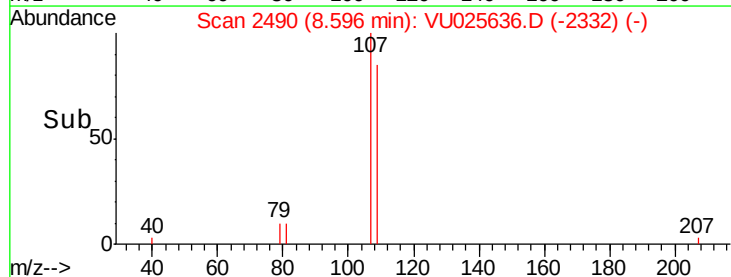
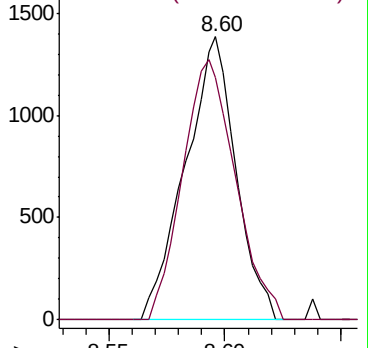
107 100

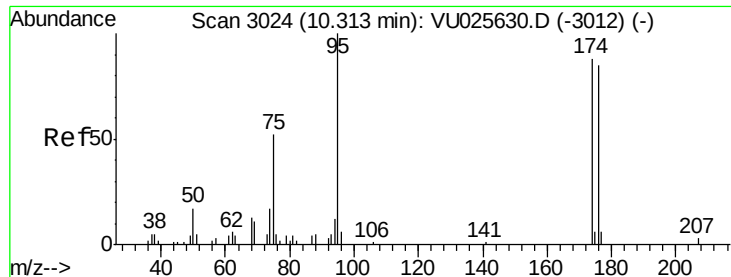
109 96.1 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

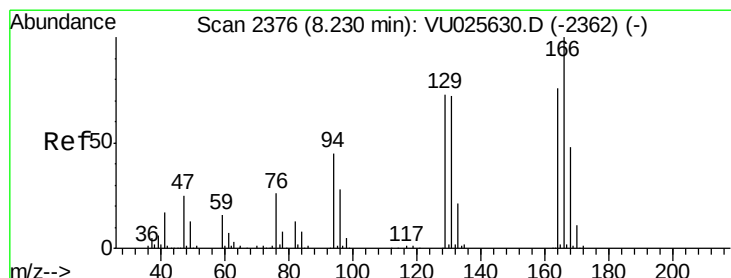
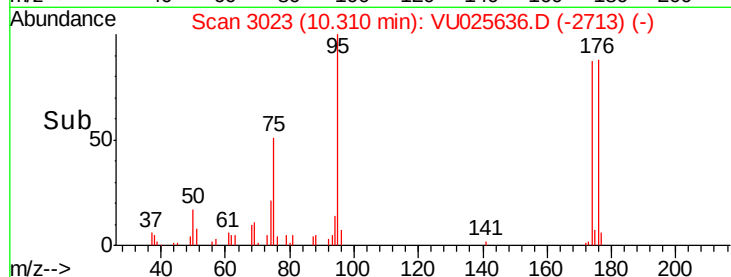
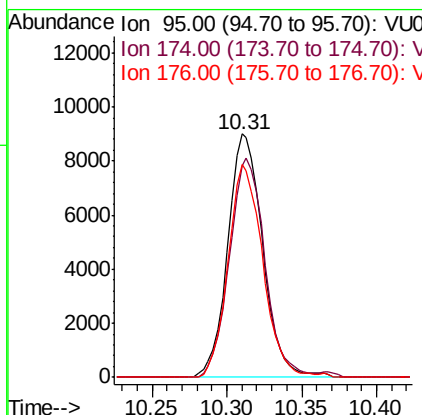
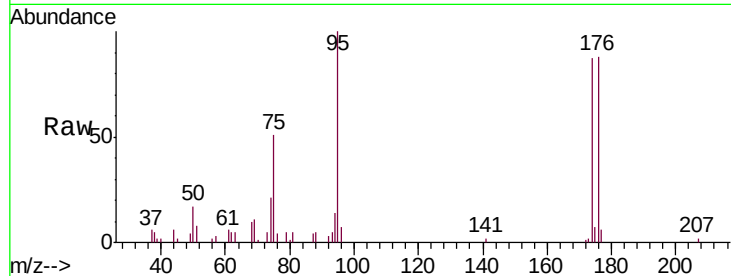




#57
4-Bromofluorobenzene
Concen: 0.249 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

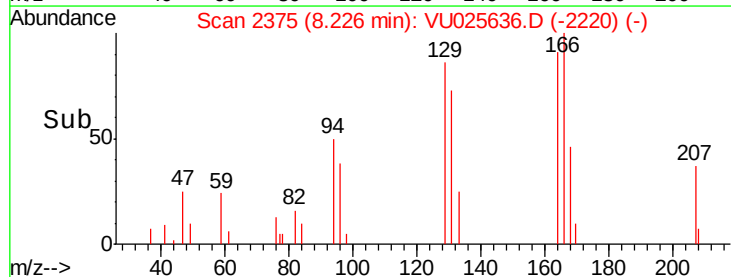
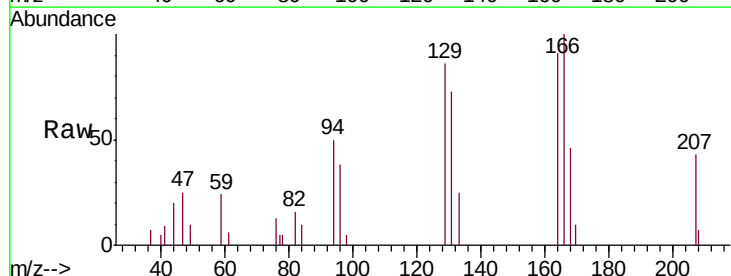
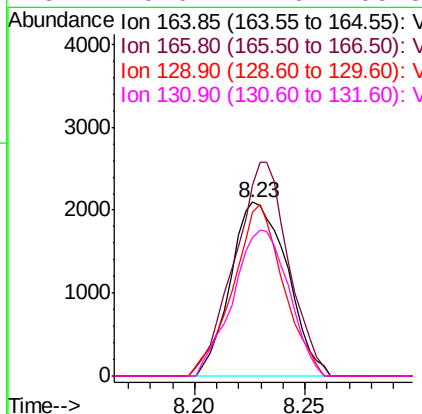
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

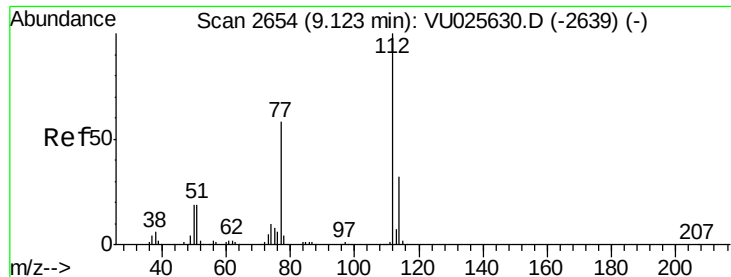
Tgt Ion: 95 Resp: 14673
Ion Ratio Lower Upper
95 100
174 91.3 65.6 98.4
176 86.6 62.0 93.0



#58
Tetrachloroethene
Concen: 0.294 ug/l
RT: 8.23 min Scan# 2375
Delta R.T. -0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 164 Resp: 3742
Ion Ratio Lower Upper
164 100
166 109.4 104.1 156.1
129 94.3 76.8 115.2
131 79.6 72.6 108.8

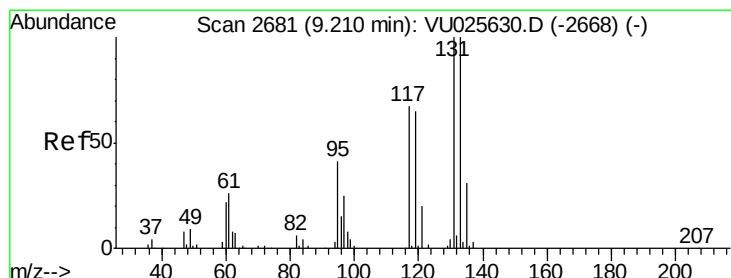
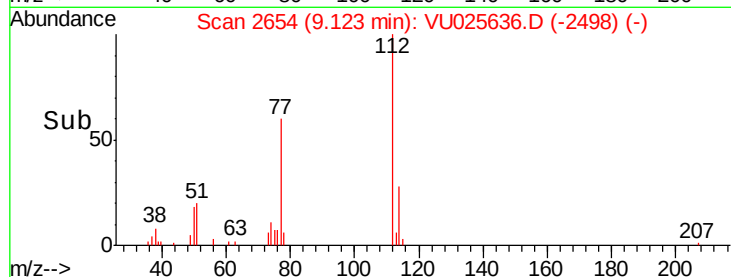
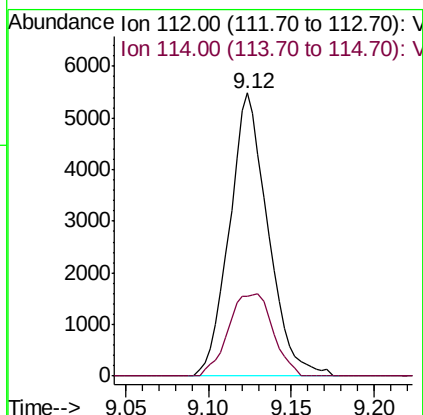
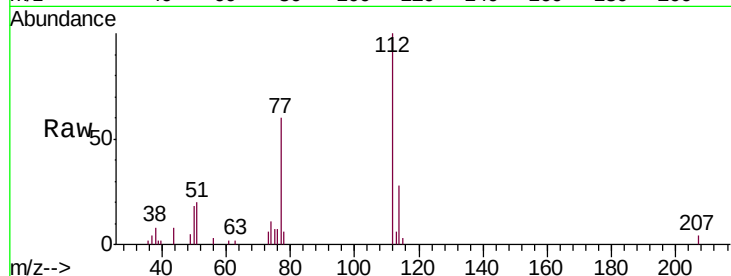




#59
Chlorobenzene
Concen: 0.263 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

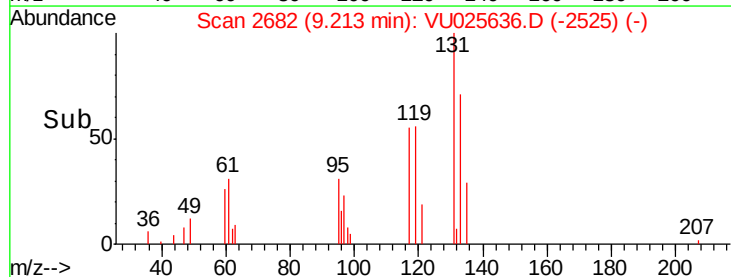
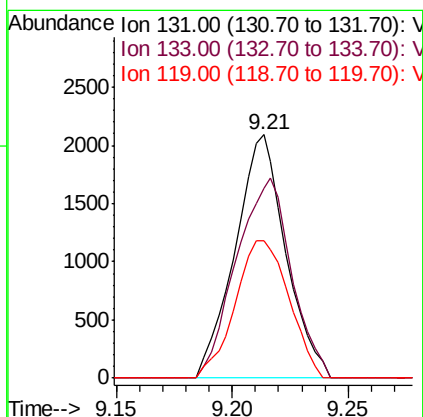
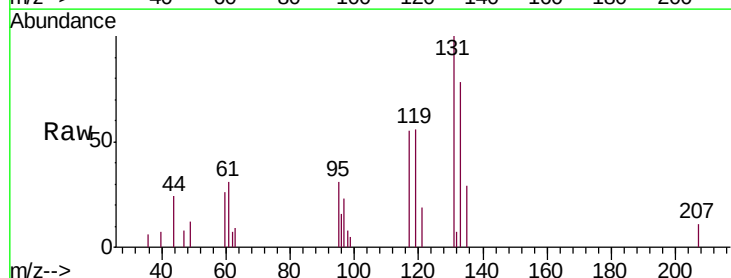
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

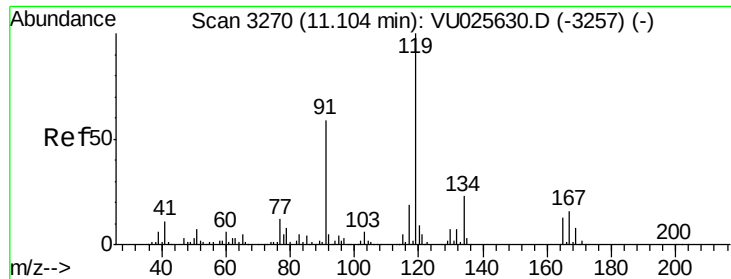
Tgt Ion:112 Resp: 8882
Ion Ratio Lower Upper
112 100
114 28.1 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.254 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion:131 Resp: 3177
Ion Ratio Lower Upper
131 100
133 89.3 75.8 113.8
119 59.8 53.0 79.6

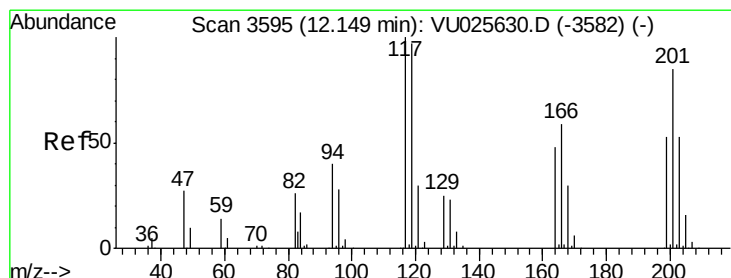
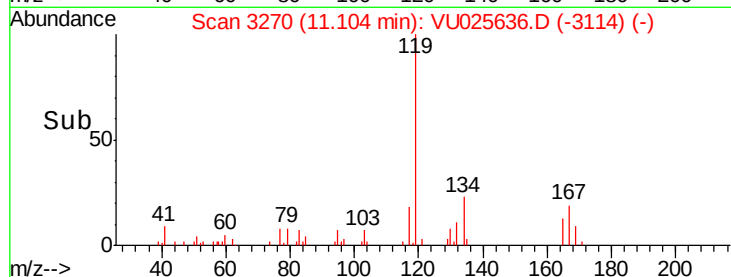
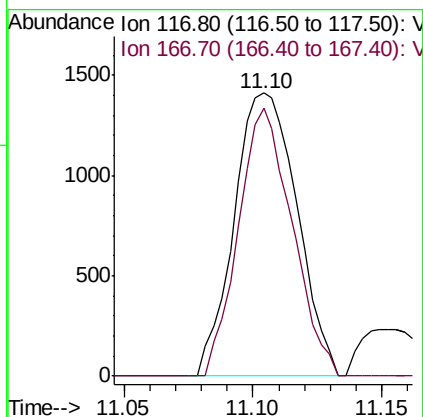
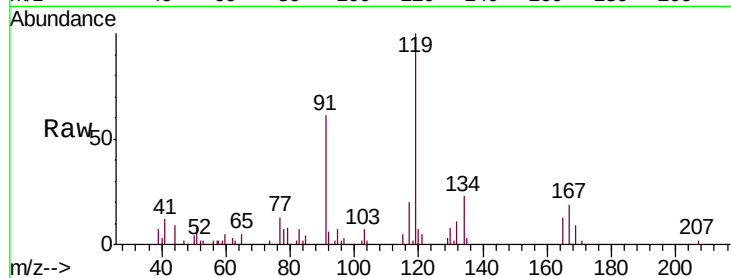




#61
 Pentachloroethane
 Concen: 0.251 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

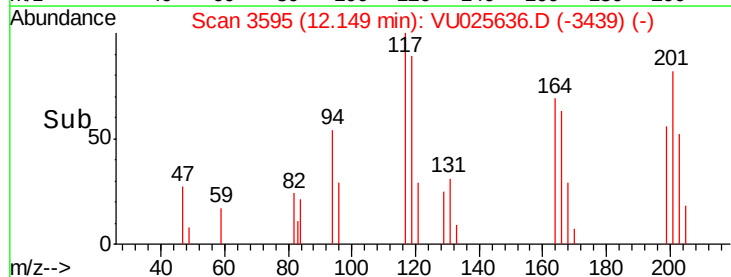
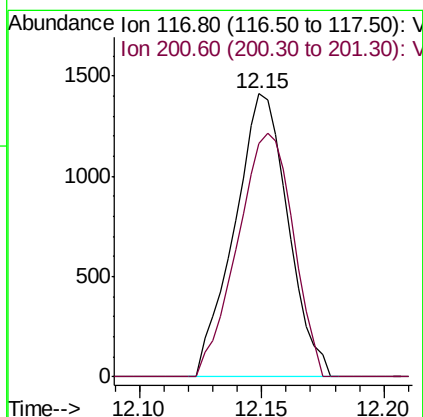
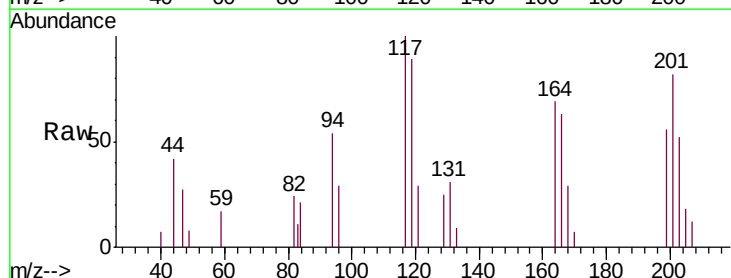
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

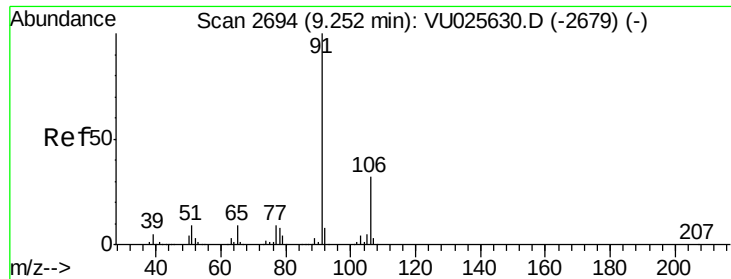
Tgt Ion:117 Resp: 2401
 Ion Ratio Lower Upper
 117 100
 167 81.0 69.2 103.8



#62
 Hexachloroethane
 Concen: 0.220 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion:117 Resp: 2149
 Ion Ratio Lower Upper
 117 100
 201 89.6 68.7 103.1

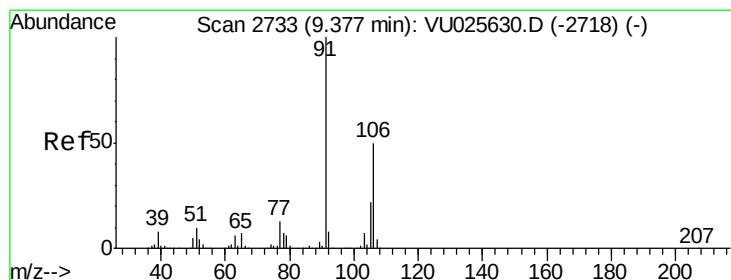
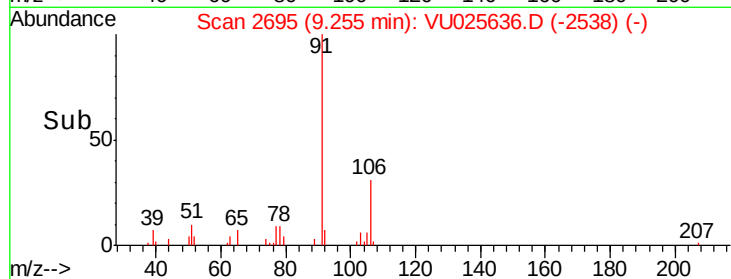
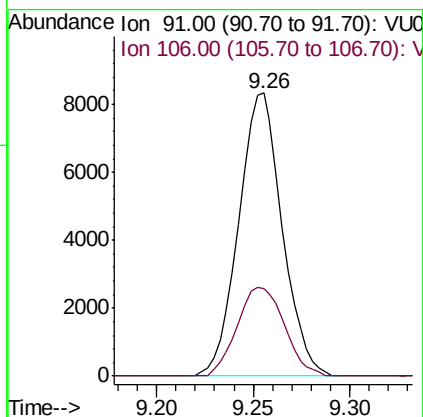
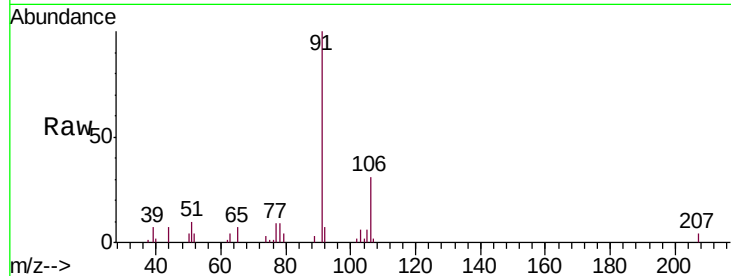




#63
Ethyl Benzene
Concen: 0.233 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

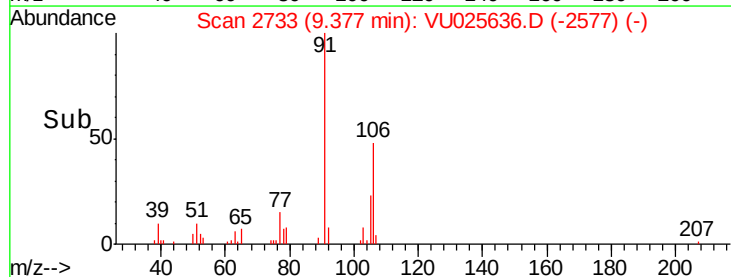
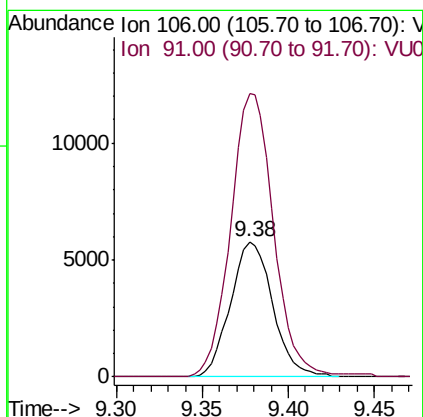
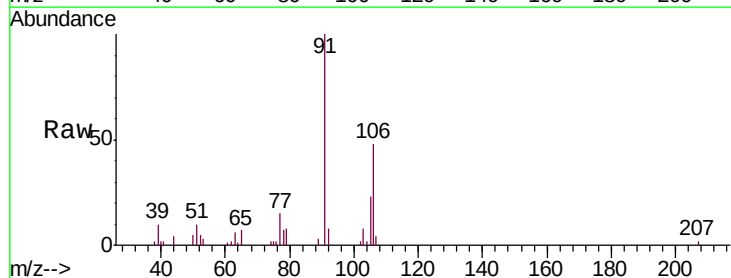
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

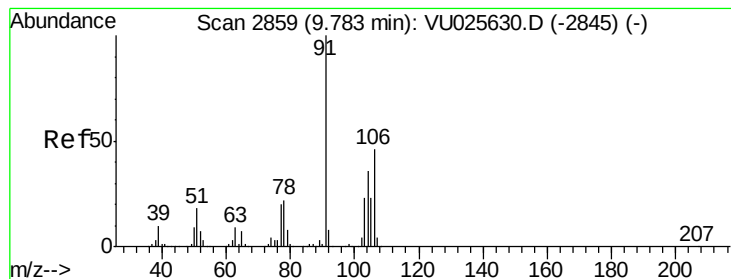
Tgt Ion: 91 Resp: 13050
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#64
m/p-Xylenes
Concen: 0.448 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion: 106 Resp: 9892
Ion Ratio Lower Upper
106 100
91 212.7 164.1 246.1





#65

o-Xylene

Concen: 0.240 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

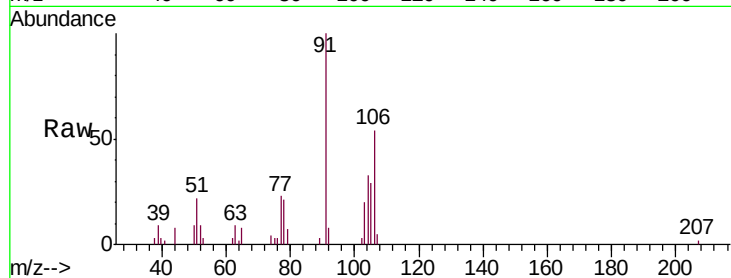
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:106 Resp: 5042

Ion Ratio Lower Upper

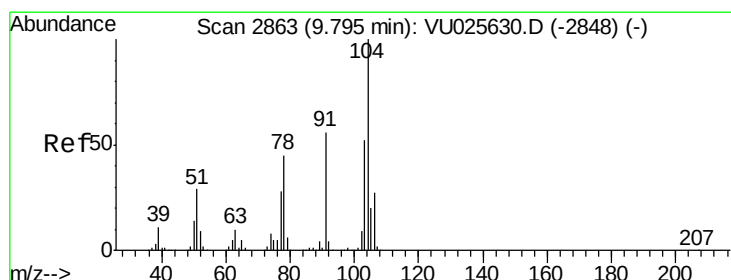
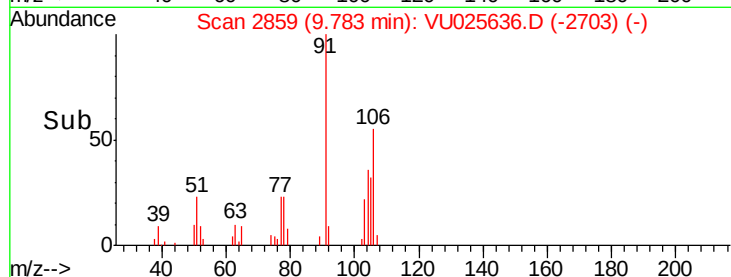
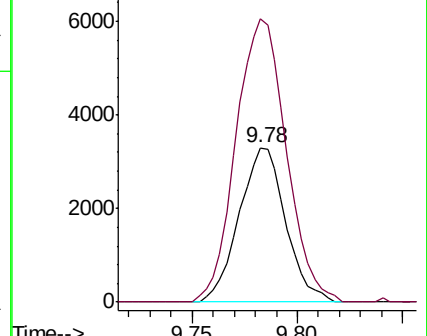
106 100

91 198.5 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 0.232 ug/l

RT: 9.80 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

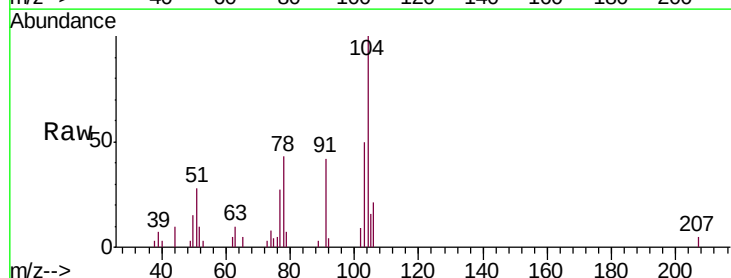
Tgt Ion:104 Resp: 8281

Ion Ratio Lower Upper

104 100

78 50.6 40.2 60.2

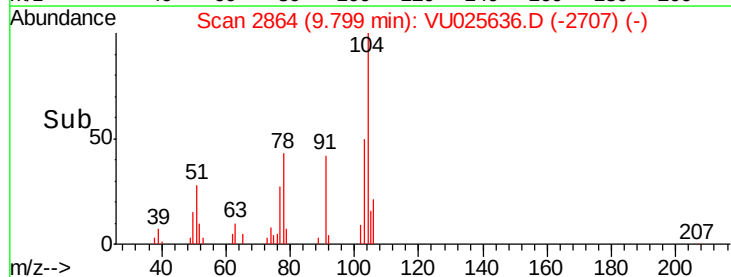
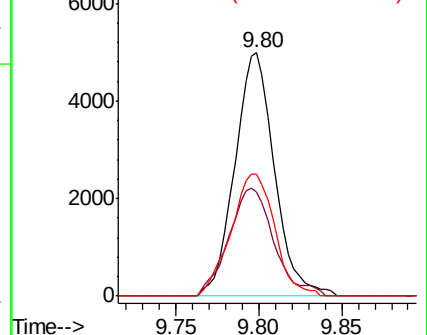
103 55.3 44.2 66.4

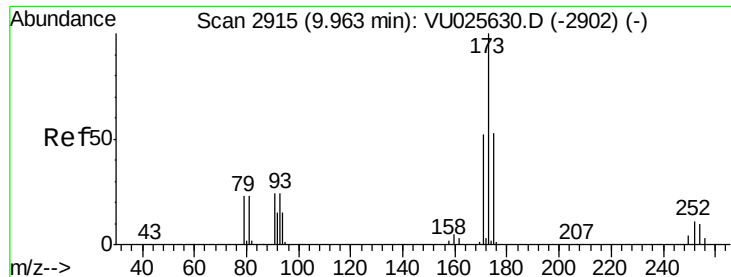


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.225 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

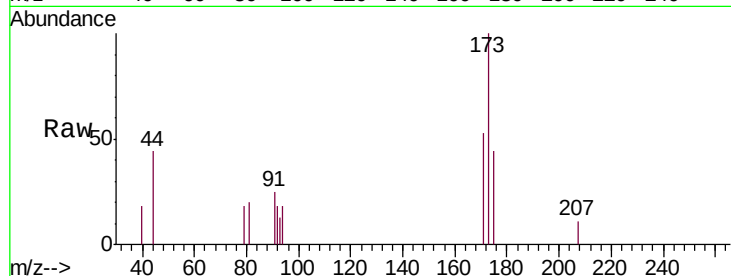
Tgt Ion:173 Resp: 1471

Ion Ratio Lower Upper

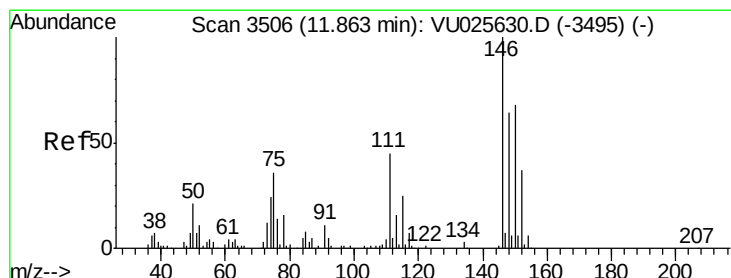
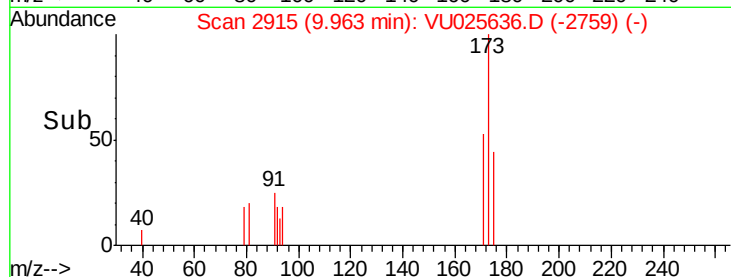
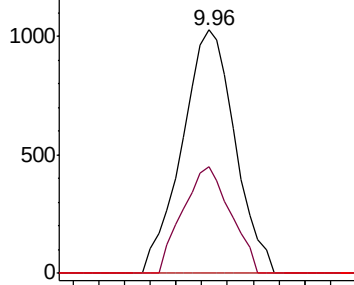
173 100

175 39.6 38.6 57.8

254 0.0 8.8 13.2#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.225 ug/l

RT: 11.87 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

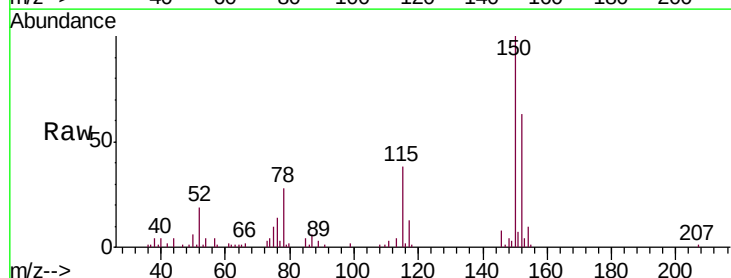
Tgt Ion:152 Resp: 17115

Ion Ratio Lower Upper

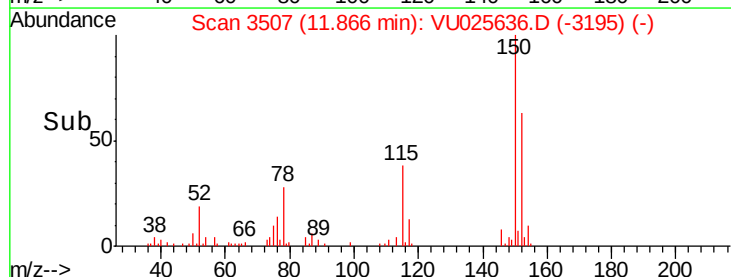
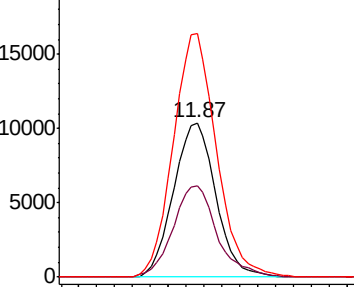
152 100

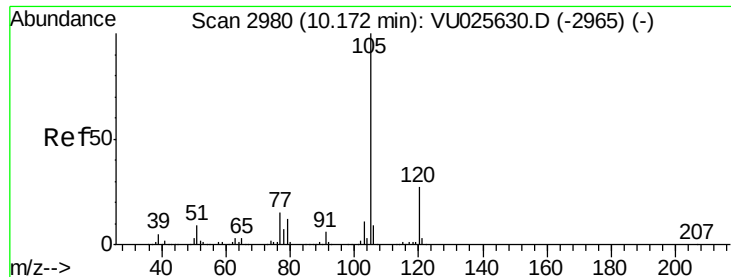
115 61.7 0.0 118.8

150 161.3 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.231 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

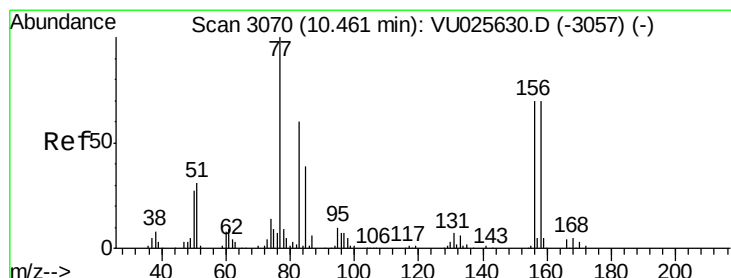
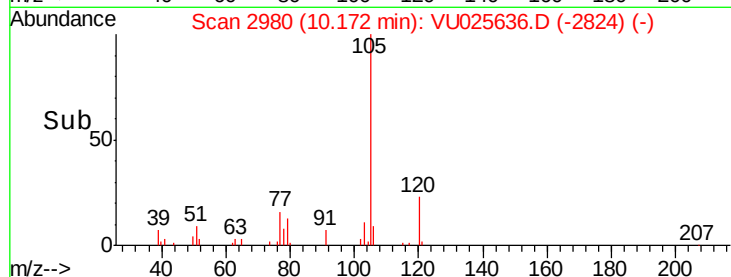
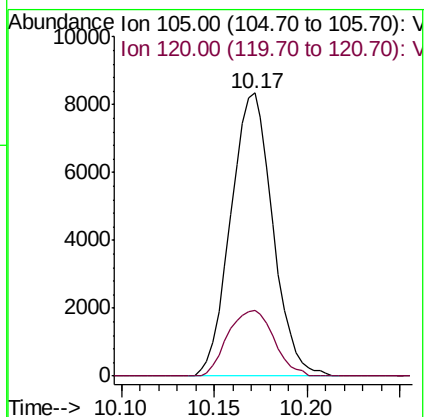
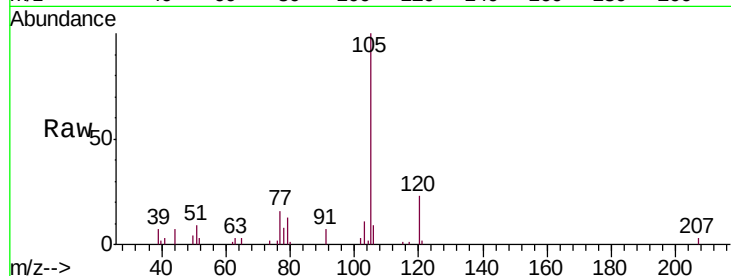
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:105 Resp: 13101

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 0.224 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

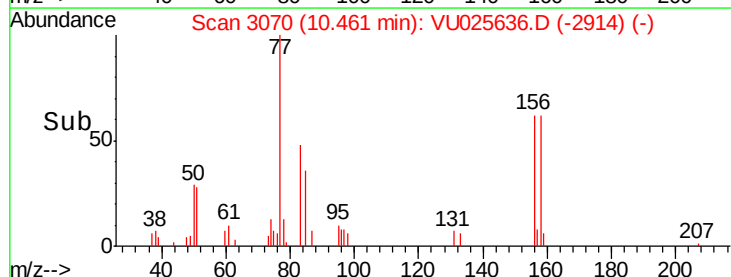
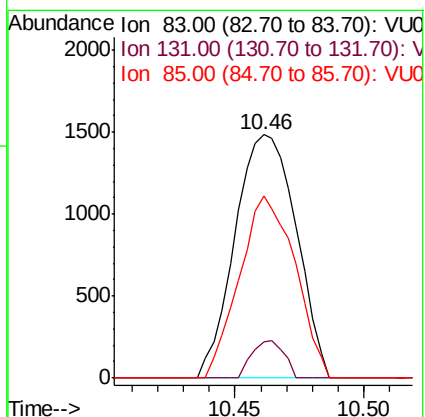
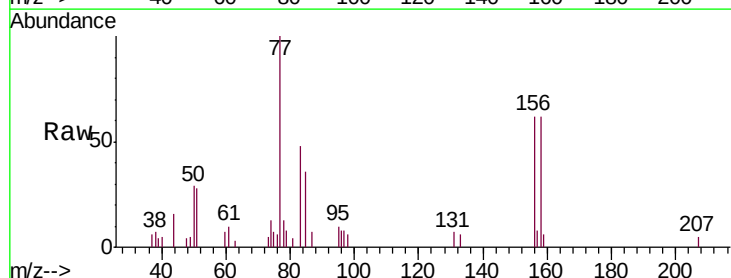
Tgt Ion: 83 Resp: 2453

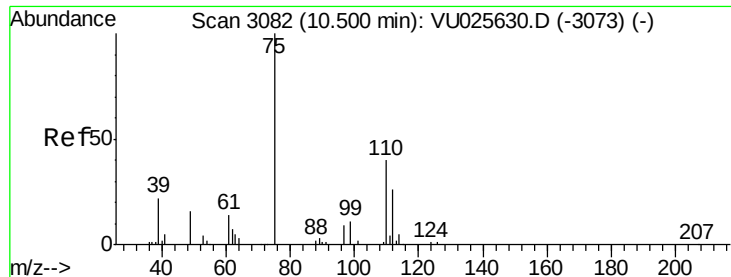
Ion Ratio Lower Upper

83 100

131 8.2 7.9 11.9

85 68.1 51.8 77.6

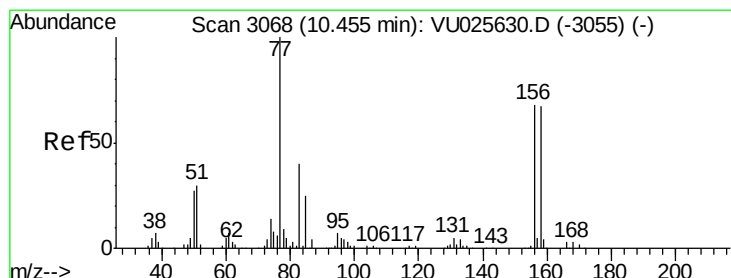
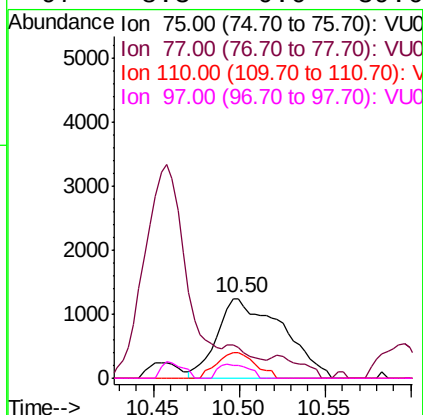
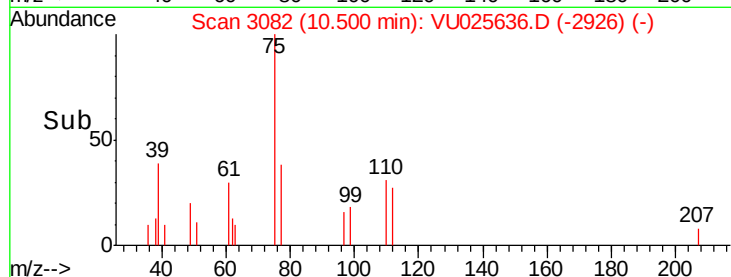
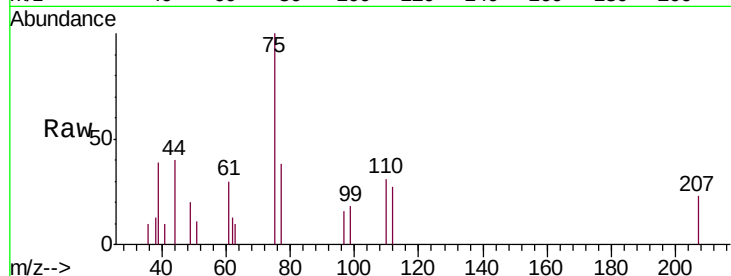




#71
 1,2,3-Trichloropropane
 Concen: 0.385 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

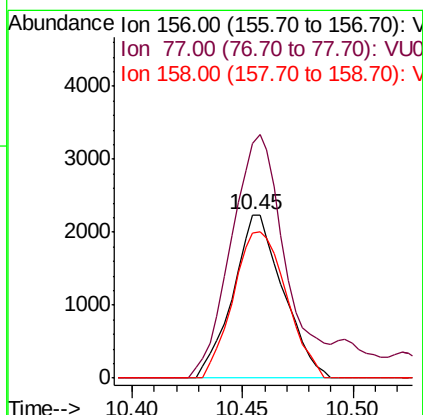
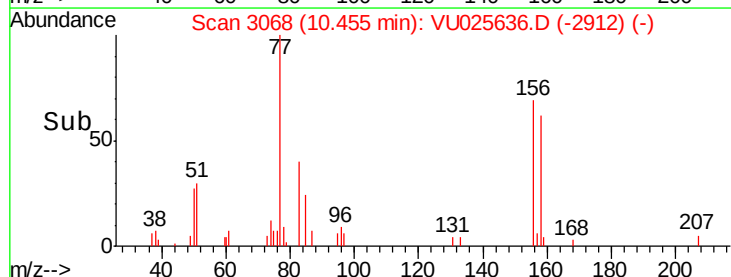
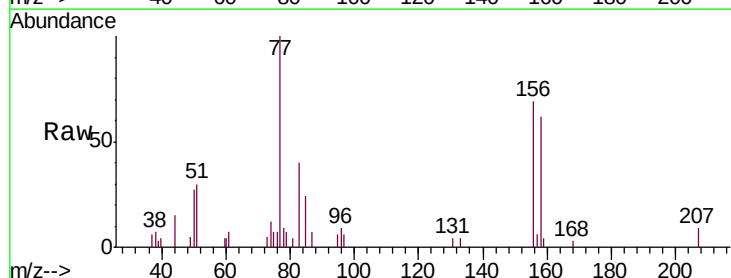
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

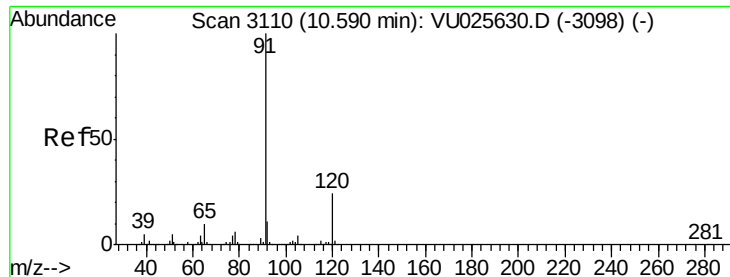
Tgt Ion: 75 Resp: 3284
 Ion Ratio Lower Upper
 75 100
 77 24.8 0.0 0.0#
 110 18.8 0.0 74.0
 97 8.3 0.0 39.6



#72
 Bromobenzene
 Concen: 0.239 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 156 Resp: 3526
 Ion Ratio Lower Upper
 156 100
 77 162.0 0.0 309.8
 158 94.9 0.0 193.0

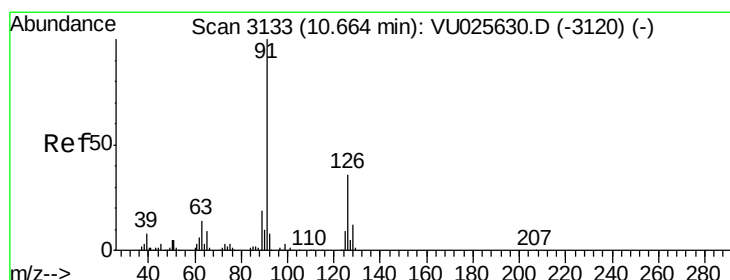
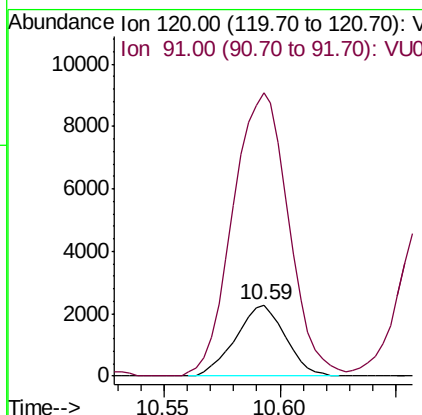
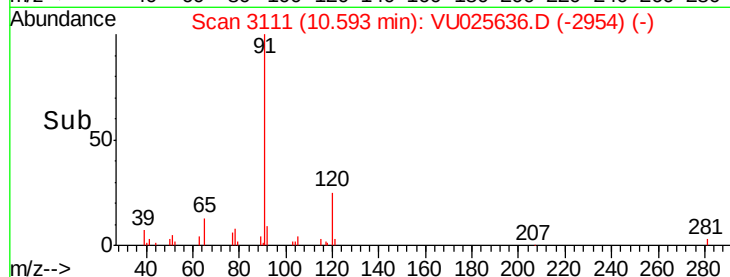
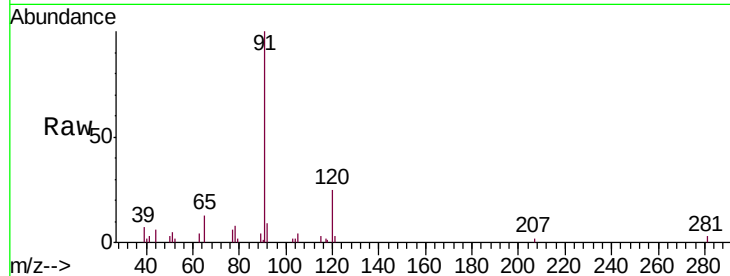




#73
n-propylbenzene
Concen: 0.212 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

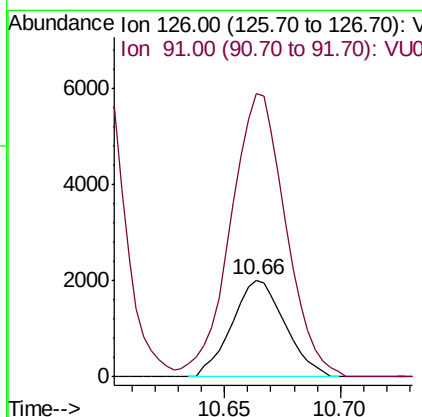
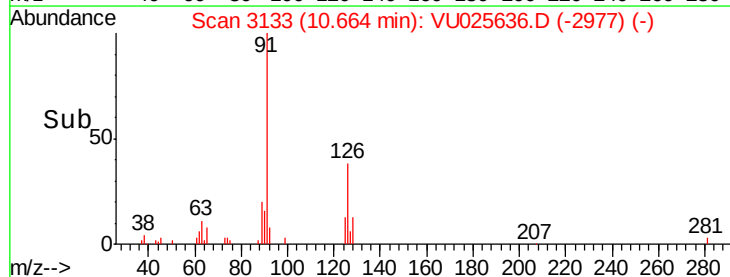
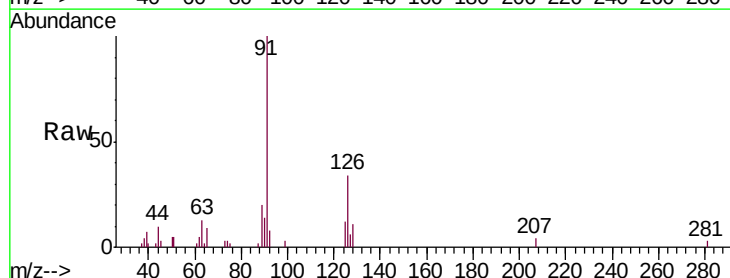
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

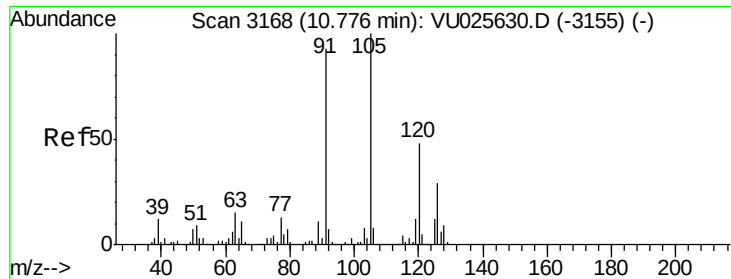
Tgt Ion:120 Resp: 3400
Ion Ratio Lower Upper
120 100
91 445.5 352.2 528.4



#74
2-Chlorotoluene
Concen: 0.227 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion:126 Resp: 3193
Ion Ratio Lower Upper
126 100
91 304.6 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 0.216 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

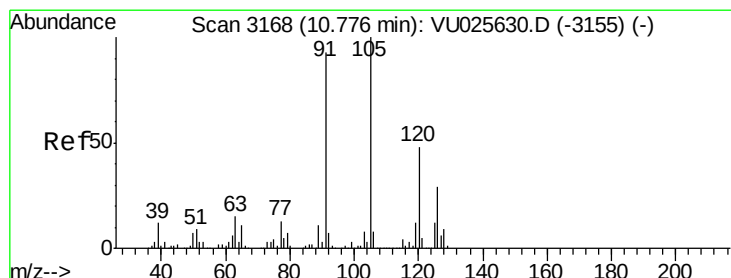
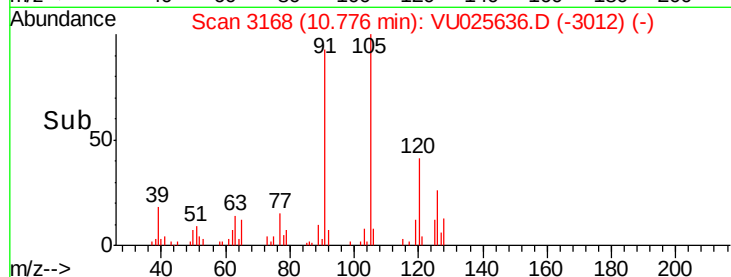
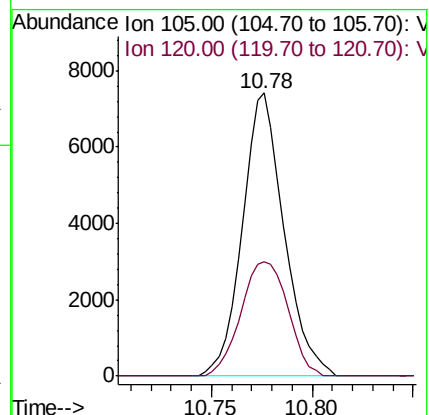
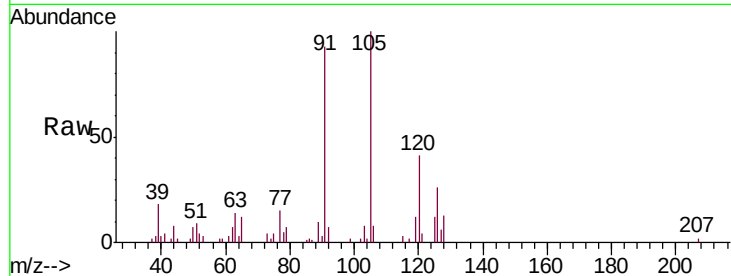
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:105 Resp: 10700

Ion Ratio Lower Upper

105 100

120 46.0 39.0 58.6



#76

4-Chlorotoluene

Concen: 0.218 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025636.D

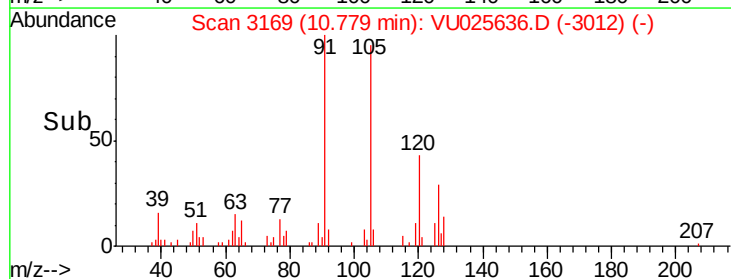
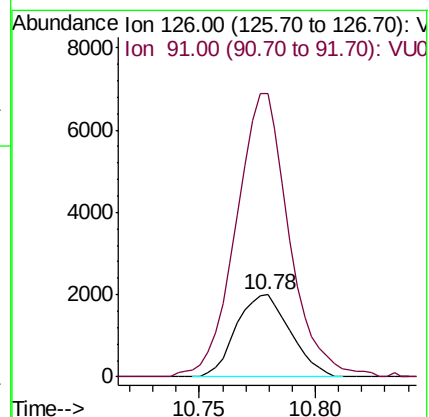
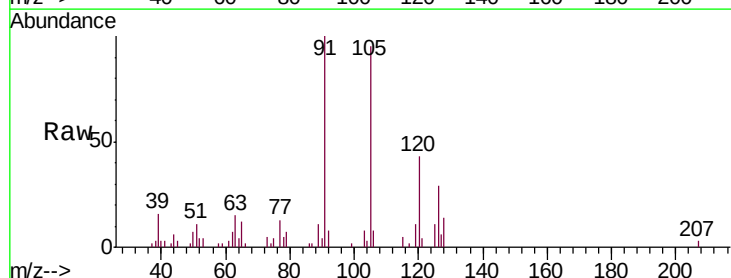
Acq: 25 Jul 2018 17:28

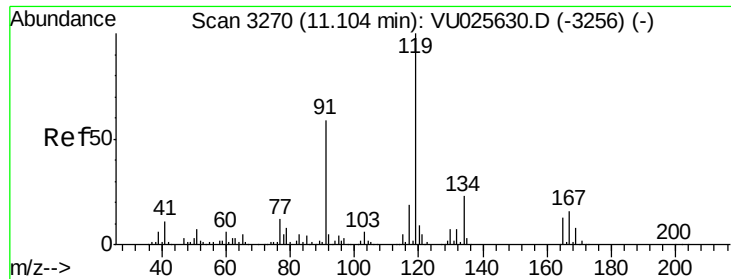
Tgt Ion:126 Resp: 3229

Ion Ratio Lower Upper

126 100

91 340.2 0.0 667.2





#77

tert-Butylbenzene

Concen: 0.224 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

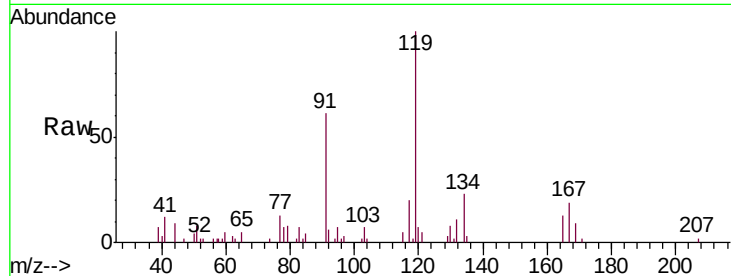
Tgt Ion:119 Resp: 10937

Ion Ratio Lower Upper

119 100

91 60.5 29.6 88.8

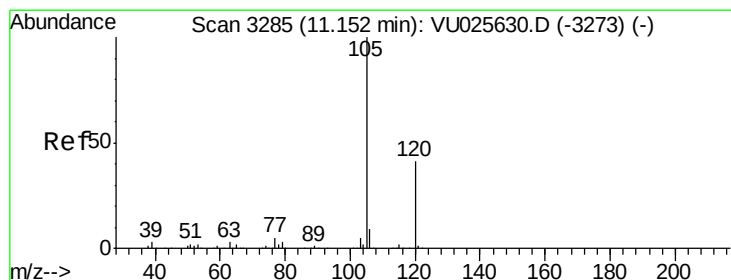
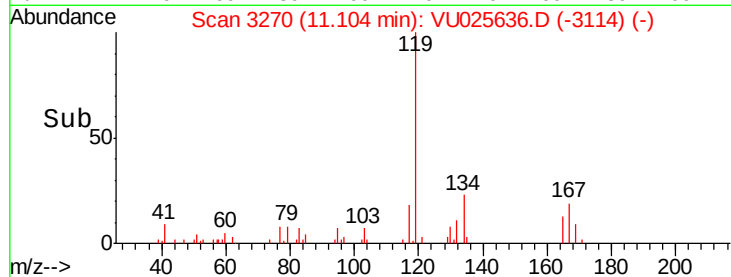
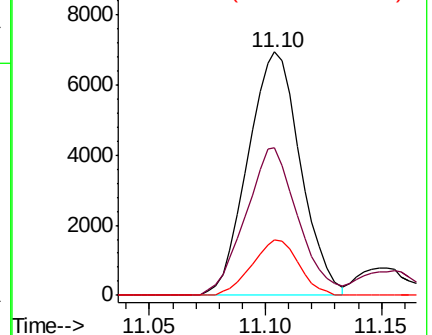
134 20.3 19.1 28.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.222 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025636.D

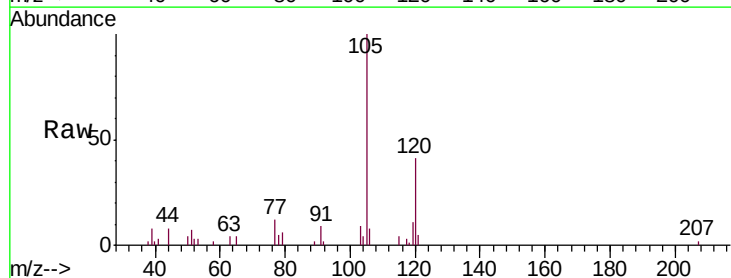
Acq: 25 Jul 2018 17:28

Tgt Ion:105 Resp: 11231

Ion Ratio Lower Upper

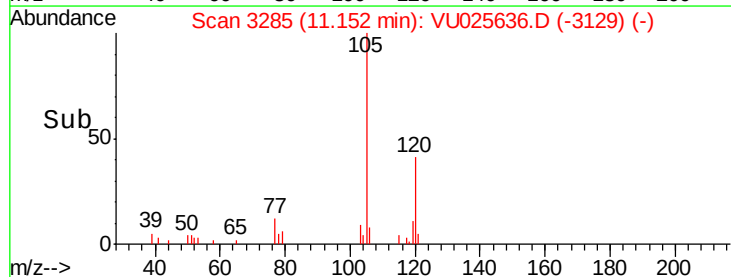
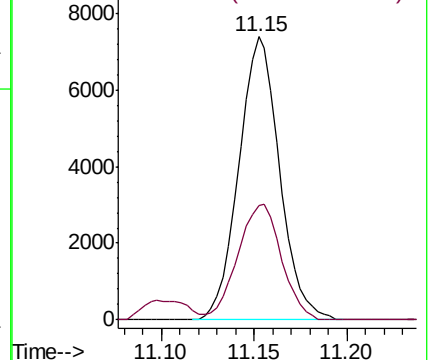
105 100

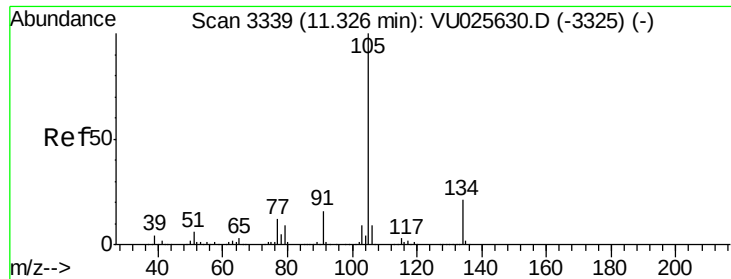
120 43.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.227 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

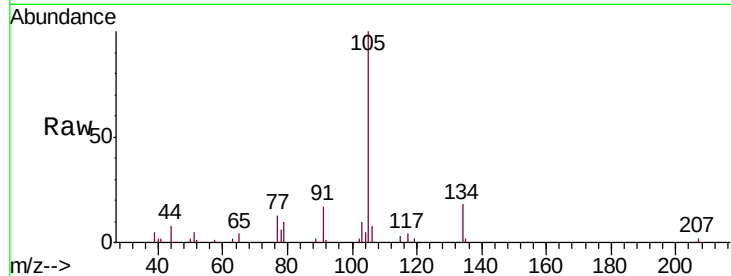
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:105 Resp: 14557

Ion Ratio Lower Upper

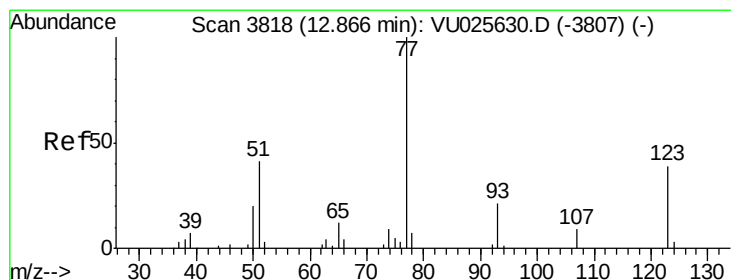
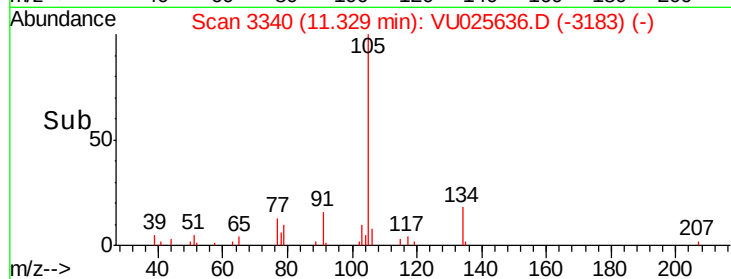
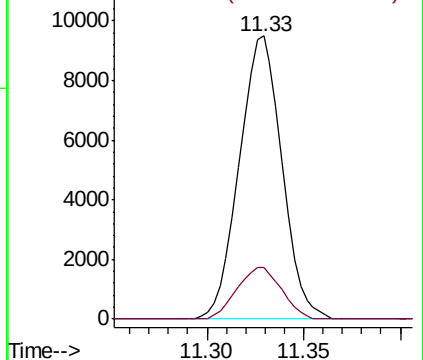
105 100

134 18.9 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 1.479 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU025636.D

Acq: 25 Jul 2018 17:28

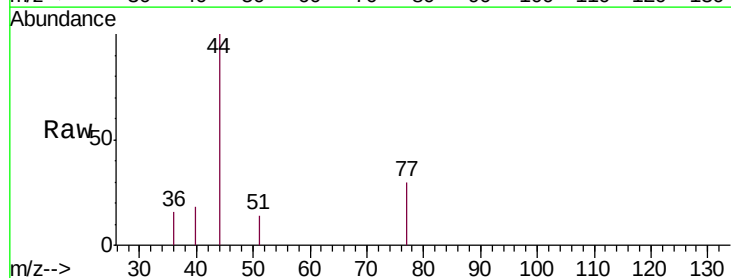
Tgt Ion: 77 Resp: 493

Ion Ratio Lower Upper

77 100

123 0.0 19.4 68.6#

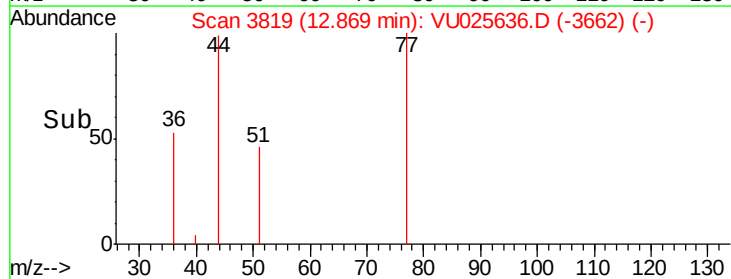
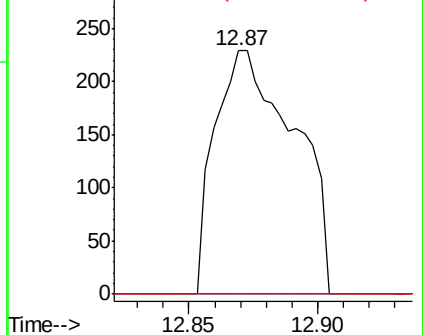
65 0.0 11.2 14.2#

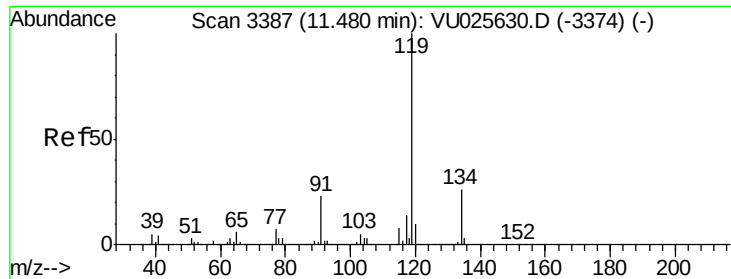


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

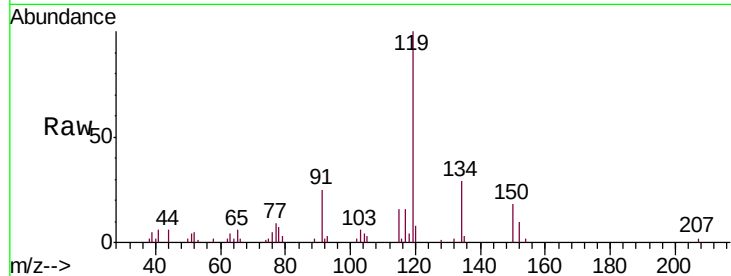




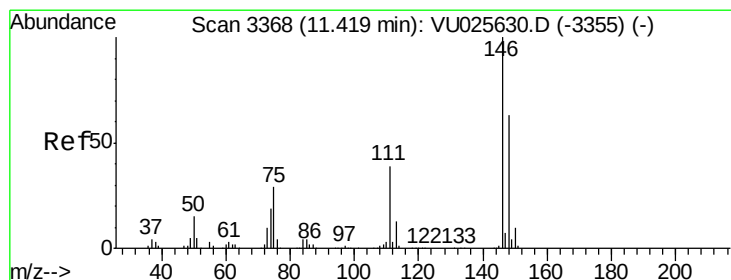
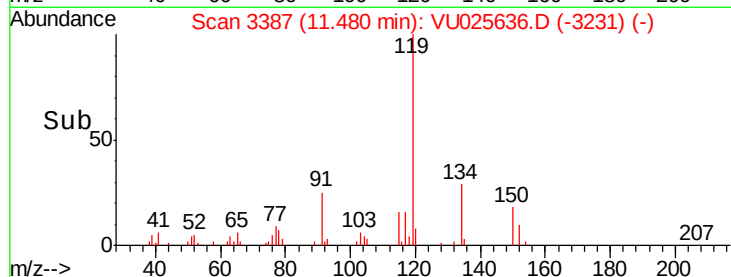
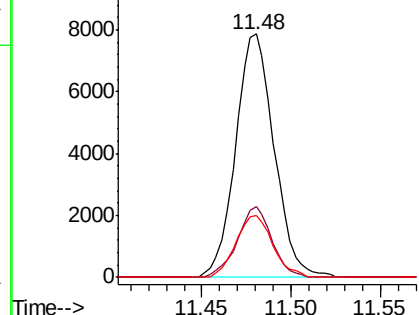
#81
 p-Isopropyltoluene
 Concen: 0.216 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:119 Resp: 11787
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.9 31.3
 91 24.1 18.2 27.2

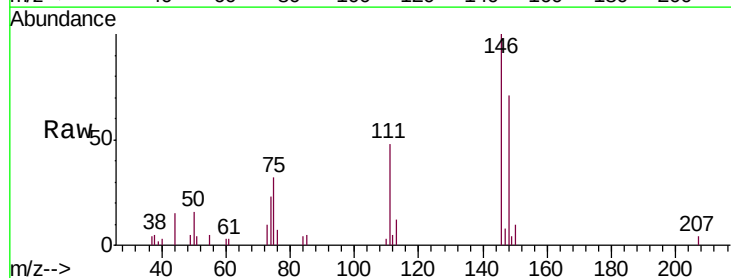


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

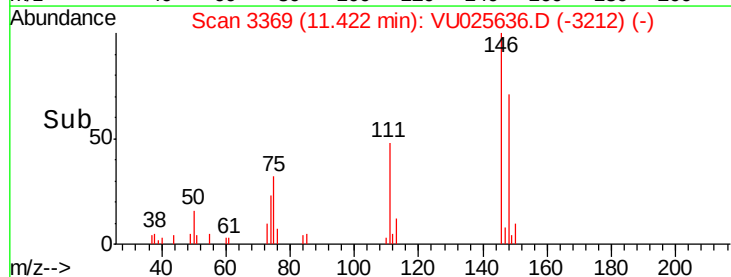
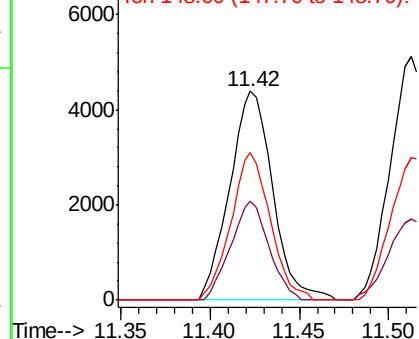


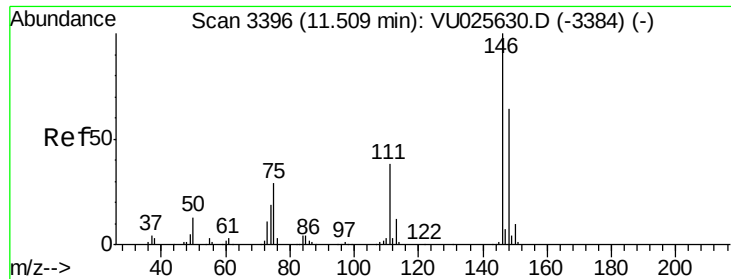
#82
 1,3-Dichlorobenzene
 Concen: 0.243 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion:146 Resp: 7366
 Ion Ratio Lower Upper
 146 100
 111 41.8 31.8 47.6
 148 64.6 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

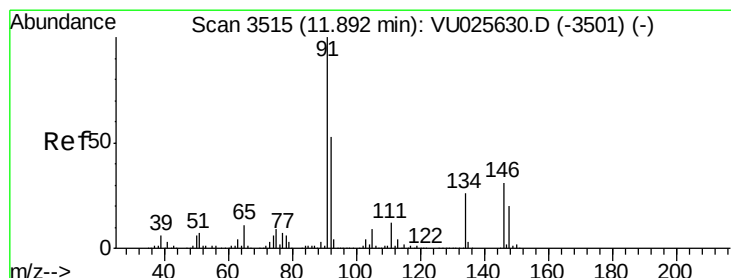
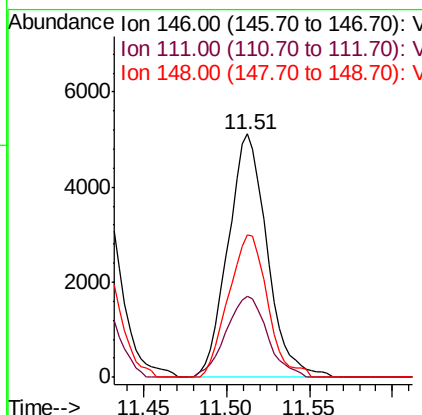
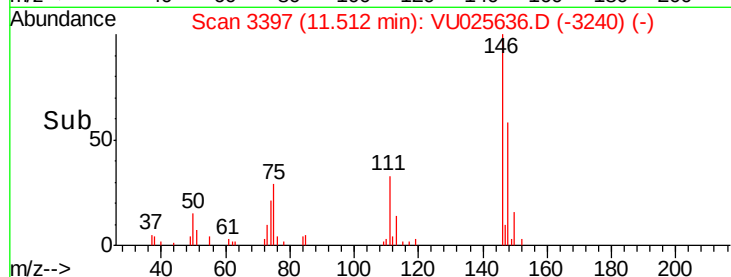
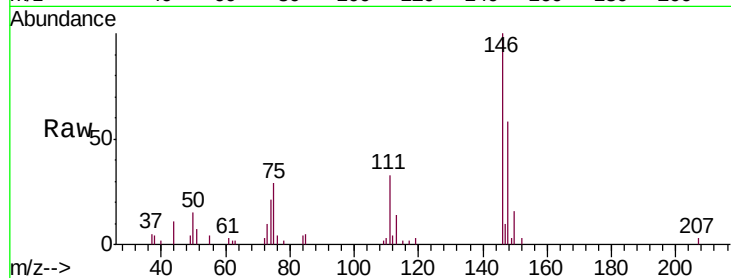




#83
 1,4-Dichlorobenzene
 Concen: 0.284 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

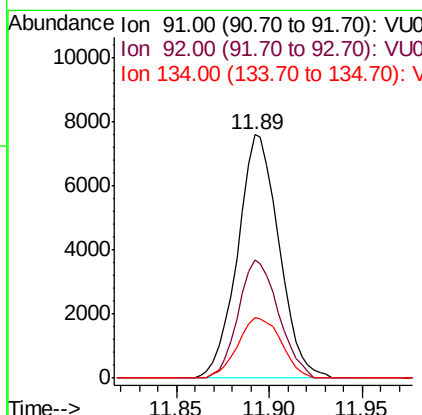
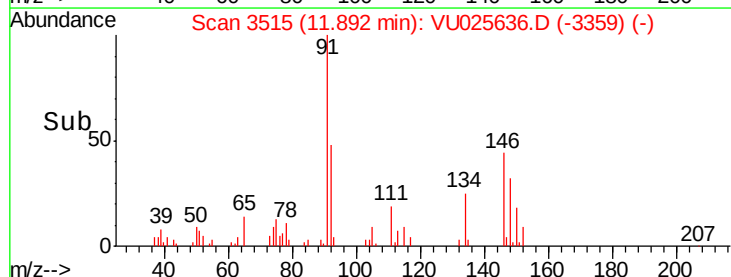
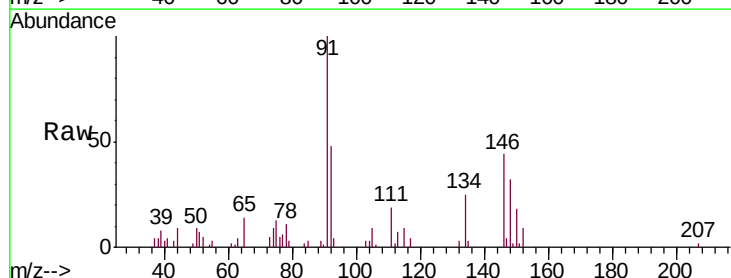
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

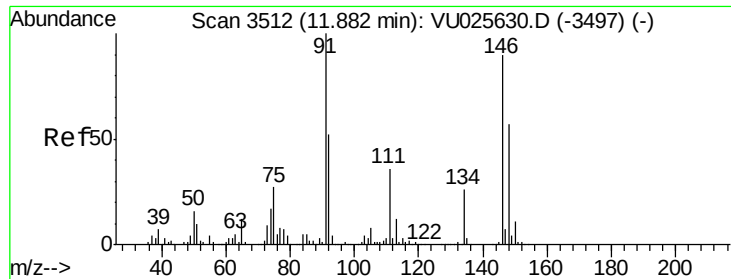
Tgt Ion: 146 Resp: 8408
 Ion Ratio Lower Upper
 146 100
 111 34.9 30.1 45.1
 148 58.3 50.6 76.0



#84
 n-Butylbenzene
 Concen: 0.230 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 91 Resp: 11784
 Ion Ratio Lower Upper
 91 100
 92 47.3 42.2 63.2
 134 26.2 20.3 30.5

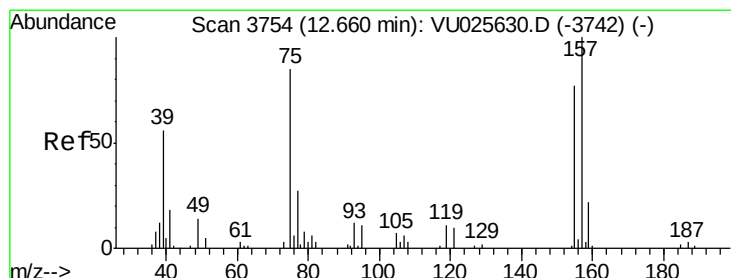
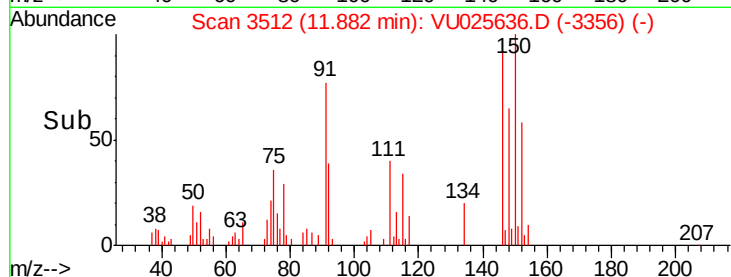
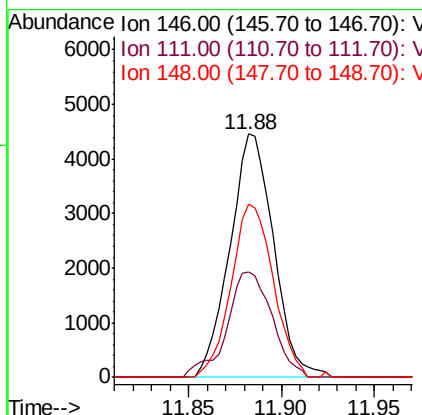
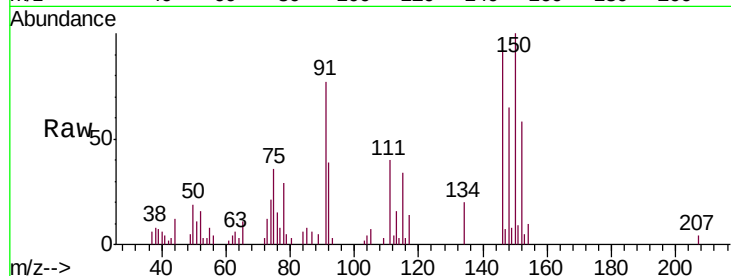




#85
 1,2-Dichlorobenzene
 Concen: 0.264 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

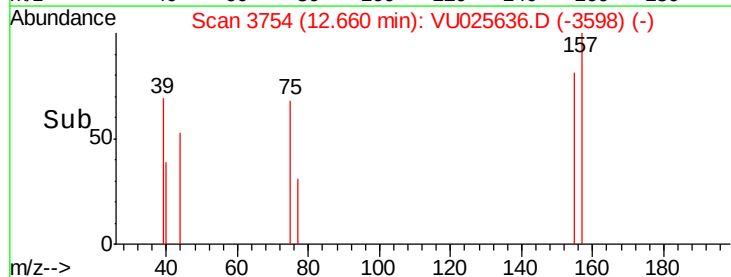
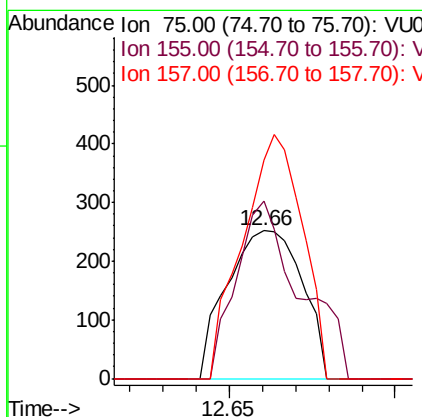
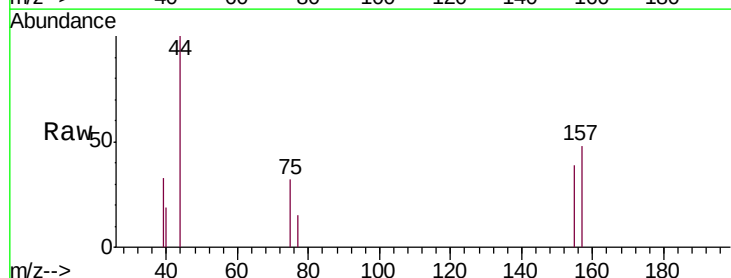
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

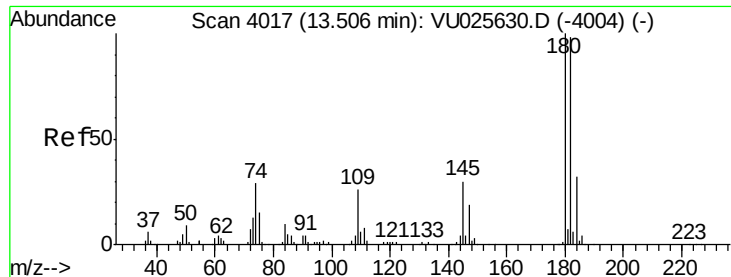
Tgt Ion: 146 Resp: 7303
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.7 62.1
 148 68.7 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.220 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion: 75 Resp: 398
 Ion Ratio Lower Upper
 75 100
 155 101.8 65.8 98.6#
 157 131.2 83.5 125.3#

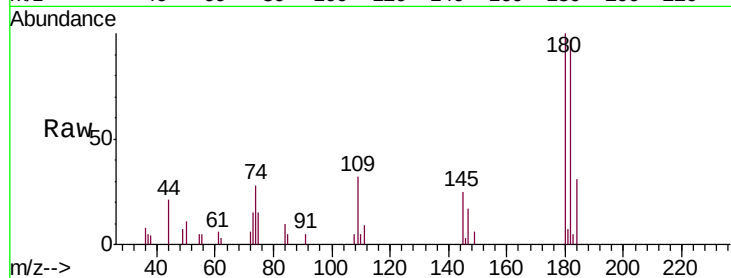




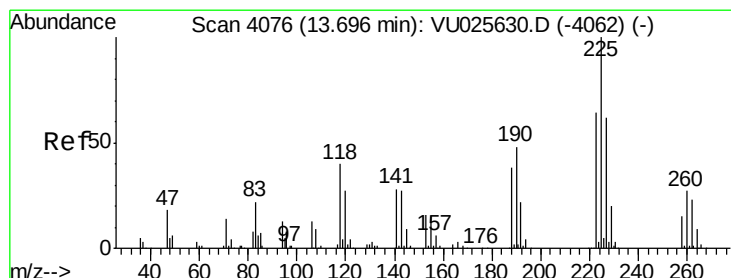
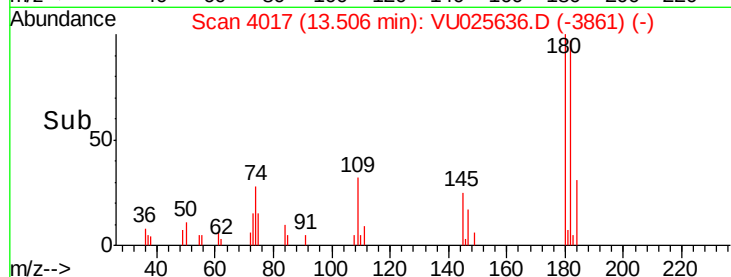
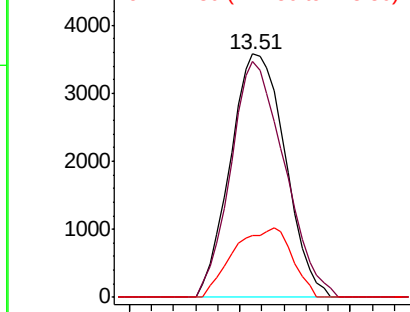
#87
 1,2,4-Trichlorobenzene
 Concen: 0.320 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:180 Resp: 6168
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.1 115.7
 145 30.4 23.3 34.9

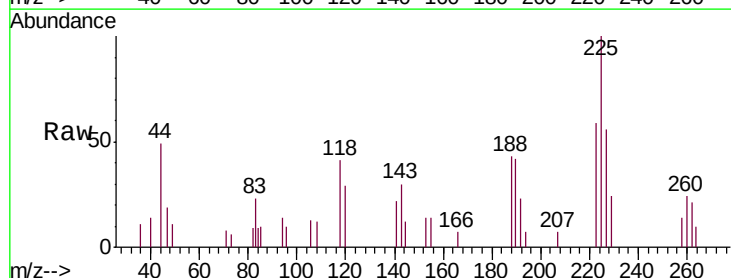


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

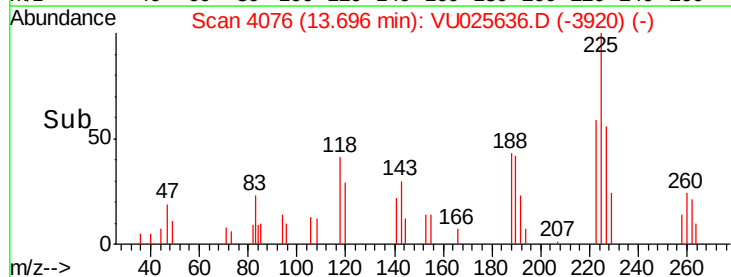
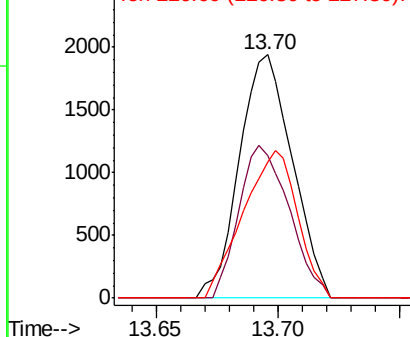


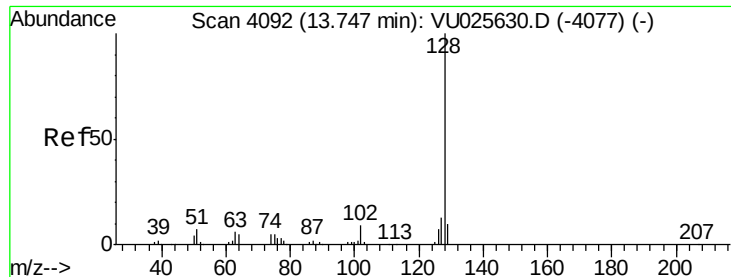
#88
 Hexachlorobutadiene
 Concen: 0.246 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025636.D
 Acq: 25 Jul 2018 17:28

Tgt Ion:225 Resp: 2918
 Ion Ratio Lower Upper
 225 100
 223 59.5 50.6 75.8
 227 62.5 51.8 77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

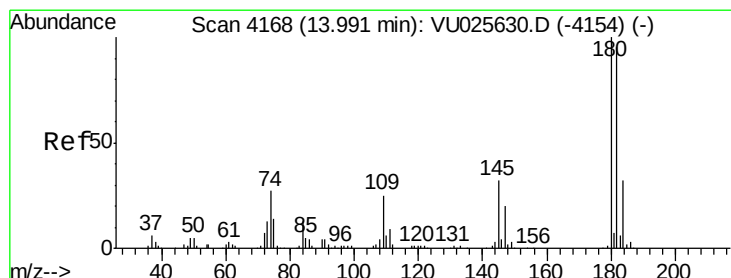
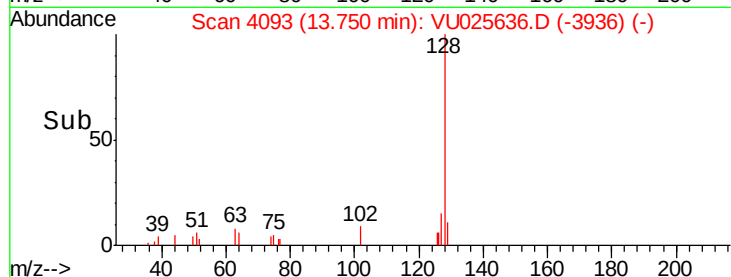
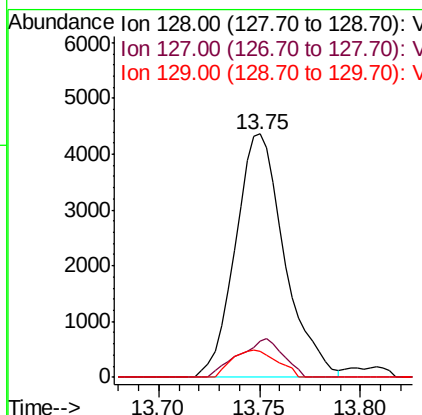
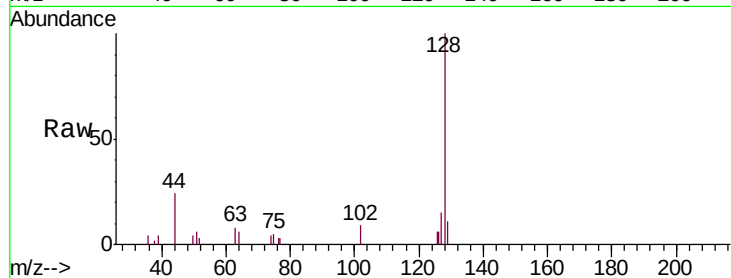




#89
Naphthalene
Concen: 0.238 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:128 Resp: 7436
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 10.3 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025636.D
Acq: 25 Jul 2018 17:28

Tgt Ion:180 Resp: 4412
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 29.0 24.6 36.8

