

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071218\
 Data File : VU025334.D
 Acq On : 12 Jul 2018 12:42
 Operator : MD/SY
 Sample : J3762-07 LOD/MDL .2PPB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 13 01:06:51 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	147167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	218248	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	98525	50.00	ug/l	0.00

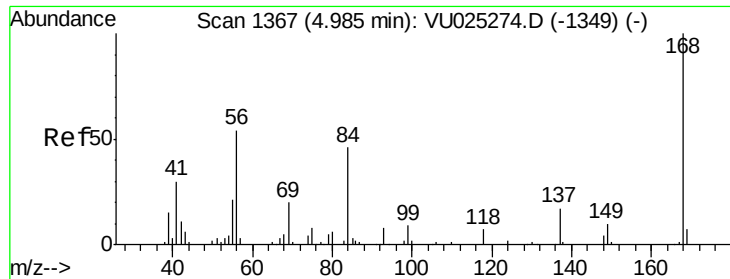
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	92977	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
35) Dibromofluoromethane	4.89	113	71354	38.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.52%	
50) Toluene-d8	7.57	98	230725	36.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.20%	
62) 4-Bromofluorobenzene	10.31	95	86104	33.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.84%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	498	0.89	ug/l	96
5) Bromomethane	1.63	94	616	Below	Cal	96
6) Chloroethane	1.70	64	389	0.65	ug/l #	43
10) Methyl Iodide	2.42	142	431	7.90	ug/l #	84
11) Tert butyl alcohol	2.83	59	547	1.10	ug/l #	73
13) Acrolein	2.20	56	222	0.67	ug/l #	1
15) Acrylonitrile	2.95	53	582	0.57	ug/l #	87
16) Acetone	2.33	43	1386	6.03	ug/l	91
17) Carbon Disulfide	2.48	76	1046	2.16	ug/l #	74
18) Methyl Acetate	2.62	43	693	0.30	ug/l #	52
20) Methylene Chloride	2.71	84	649	1.05	ug/l #	58
23) Vinyl Acetate	3.54	43	2369	0.49	ug/l #	88
25) 2-Butanone	4.29	43	752	0.47	ug/l #	49
29) Tetrahydrofuran	4.64	42	377	0.40	ug/l #	84
31) Cyclohexane	4.99	56	2957	1.75	ug/l #	14
36) 1,1-Dichloropropene	4.99	75	11142	4.59	ug/l #	47
38) Carbon Tetrachloride	4.99	117	14114	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	7.47	43	1836	0.65	ug/l #	83
58) 2-Chloroethyl Vinyl ether	7.15	63	477	11.47	ug/l #	62
59) 2-Hexanone	8.38	43	1612	0.71	ug/l #	61
68) m/p-Xylenes	9.38	106	704	0.22	ug/l	83
71) Bromoform	9.96	173	120	4.66	ug/l #	29
74) N-ethyl acetate	10.02	43	175	1.32	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	46248	23.22	ug/l #	36
79) 2-Chlorotoluene	10.66	91	820	0.32	ug/l	88
81) trans-1,4-Dichloro-2-buten	10.31	75	46248	58.92	ug/l #	100
88) 1,4-Dichlorobenzene	11.52	146	875	1.73	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.52	180	204	3.36	ug/l #	14
95) Naphthalene	13.76	128	2881	2.79	ug/l #	75
96) 1,2,3-Trichlorobenzene	14.00	180	588	2.76	ug/l #	56

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

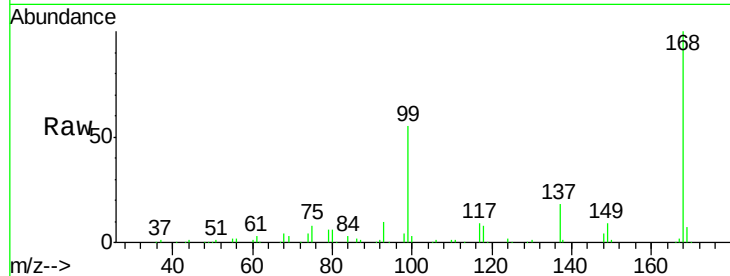
LOD-MDL-WATER-01-QT3-2018

Tot Ion:168 Resp: 147167

Ion Ratio Lower Upper

168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

60000

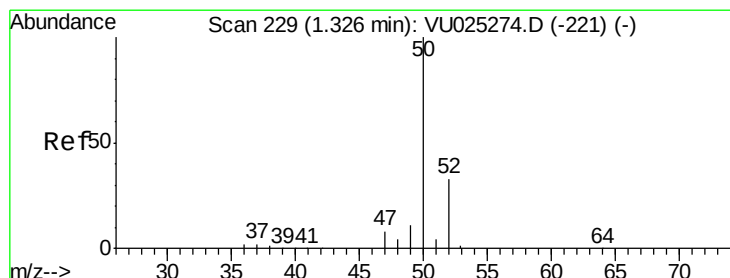
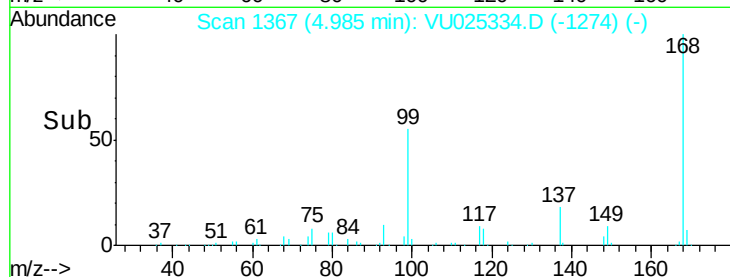
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.89 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025334.D

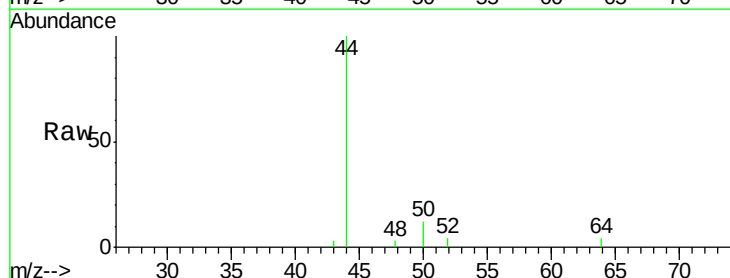
Acq: 12 Jul 2018 12:42

Tgt Ion: 50 Resp: 498

Ion Ratio Lower Upper

50 100

52 35.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)

1.33

500

400

300

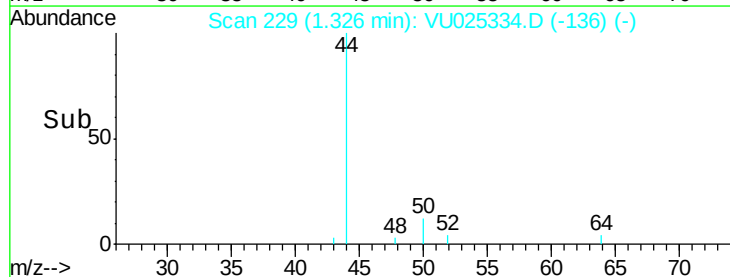
200

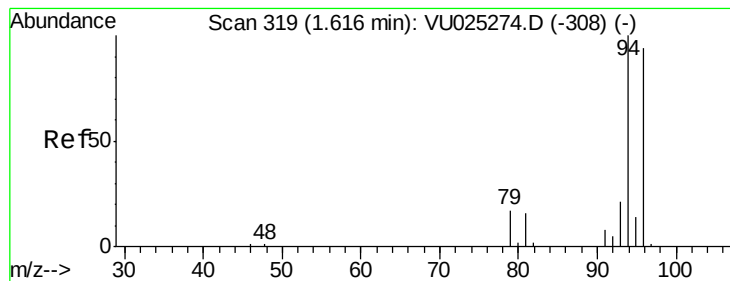
100

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 325

Delta R.T. 0.02 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

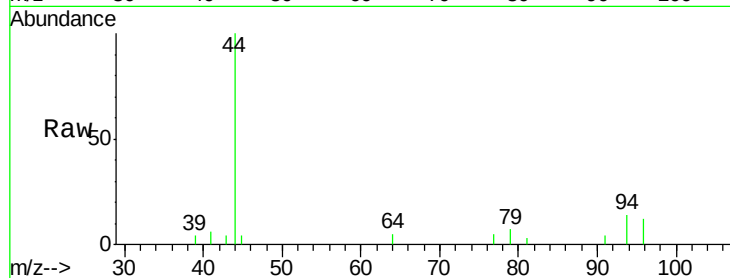
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 94 Resp: 616

Ion Ratio Lower Upper

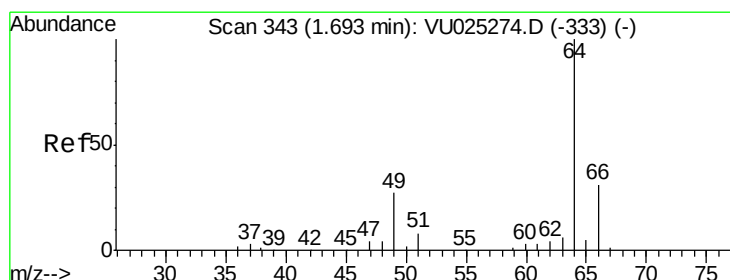
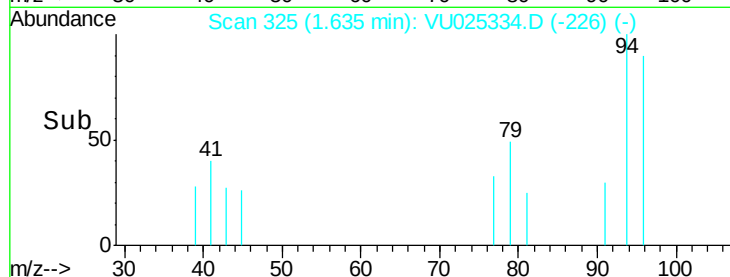
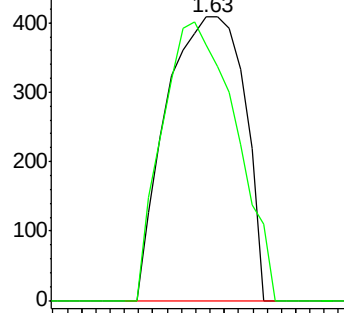
94 100

96 90.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 0.65 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU025334.D

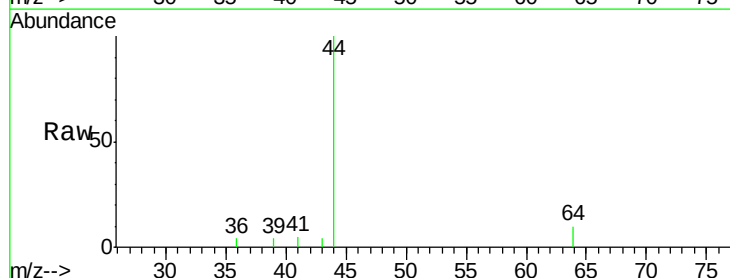
Acq: 12 Jul 2018 12:42

Tgt Ion: 64 Resp: 389

Ion Ratio Lower Upper

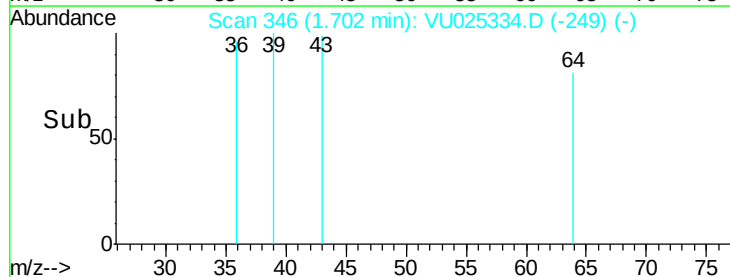
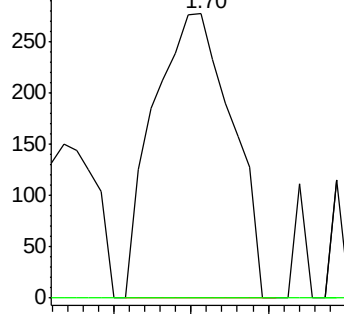
64 100

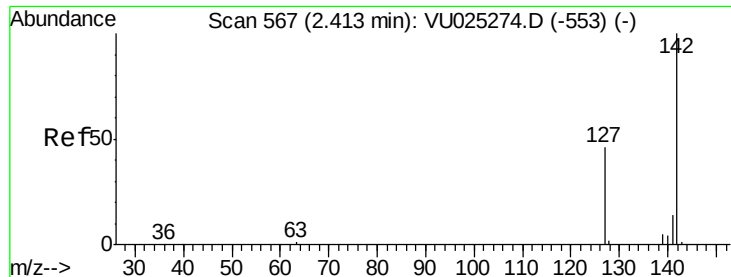
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

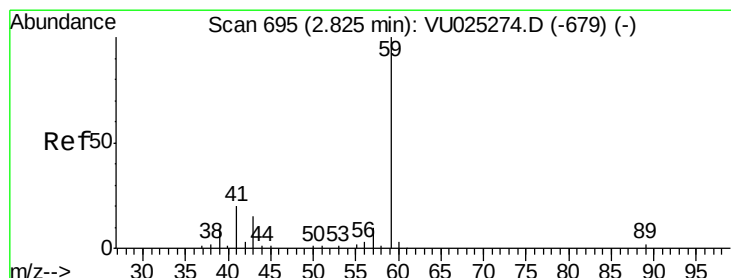
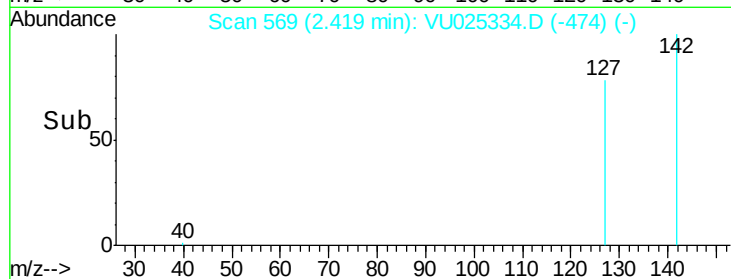
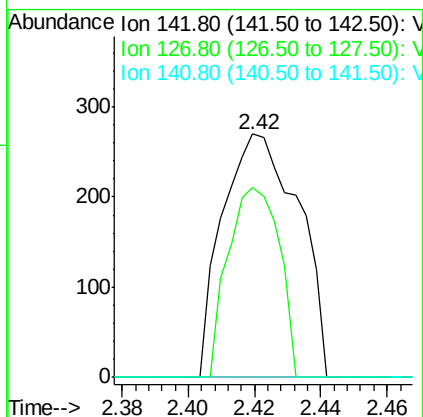
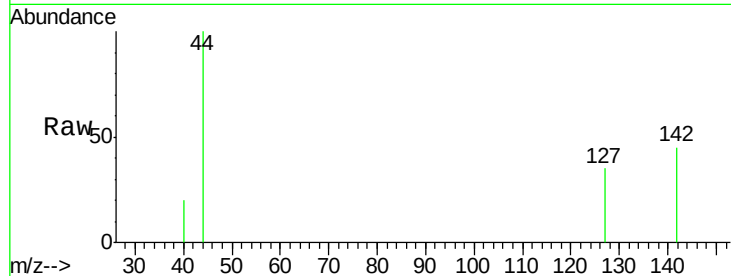




#10
Methvl Iodide
Concen: 7.90 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

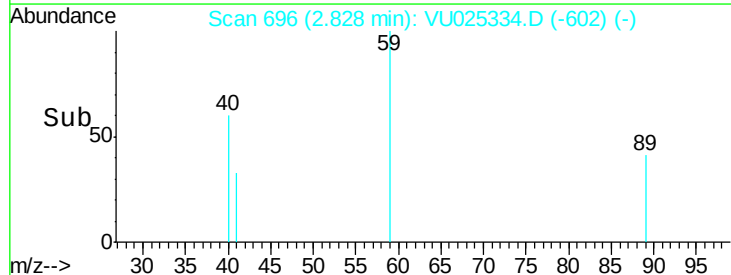
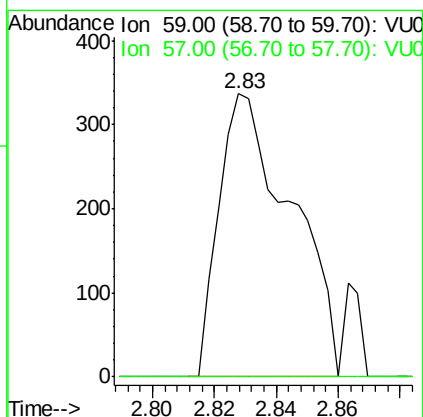
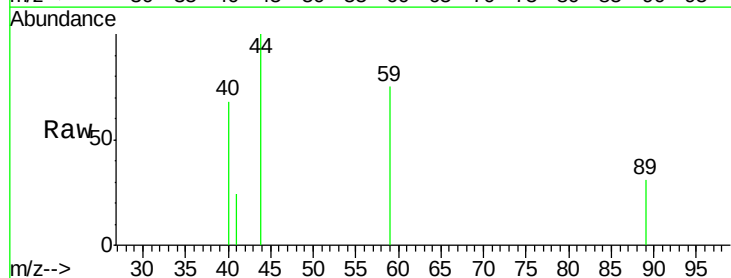
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

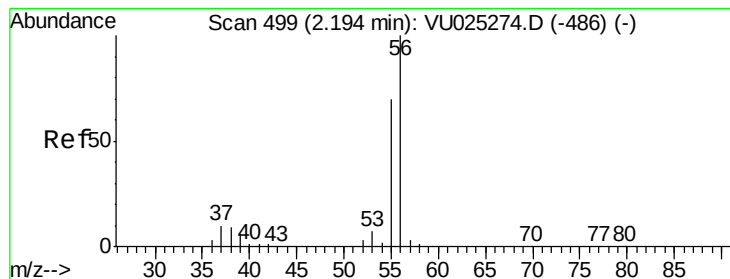
Tot Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
127 52.2 36.5 54.7
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.10 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.67 ug/l

RT: 2.20 min Scan# 502

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

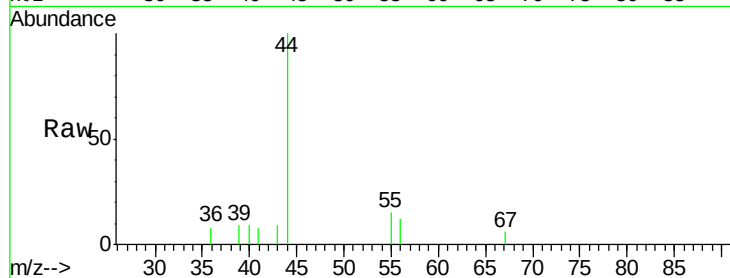
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 56 Resp: 222

Ion Ratio Lower Upper

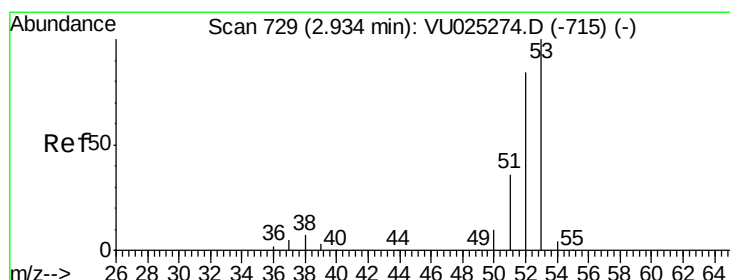
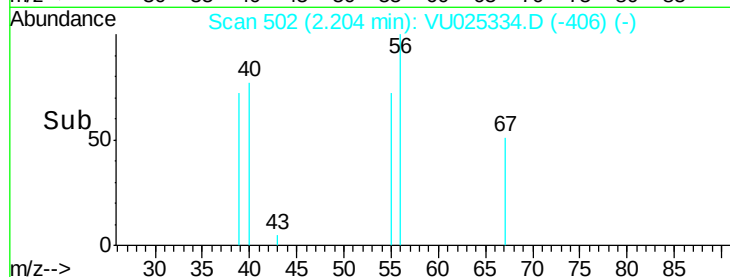
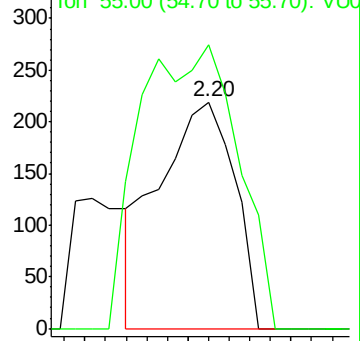
56 100

55 163.1 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#15

Acrylonitrile

Concen: 0.57 ug/l

RT: 2.95 min Scan# 733

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

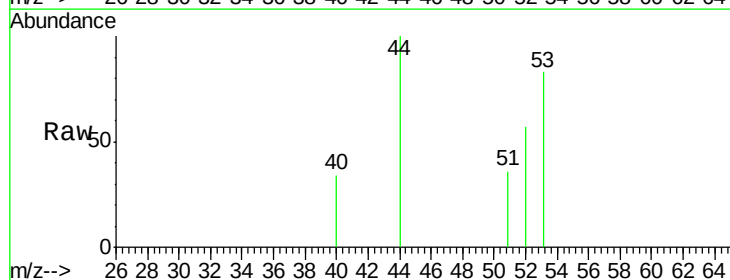
Tgt Ion: 53 Resp: 582

Ion Ratio Lower Upper

53 100

52 81.6 66.6 99.8

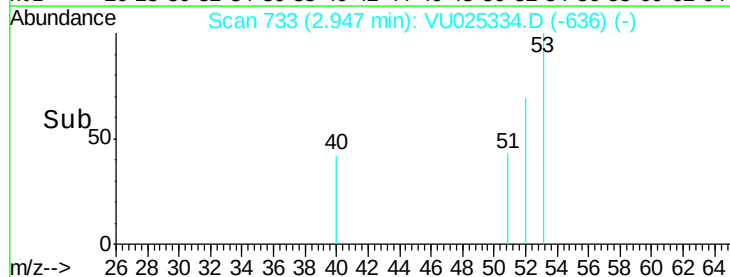
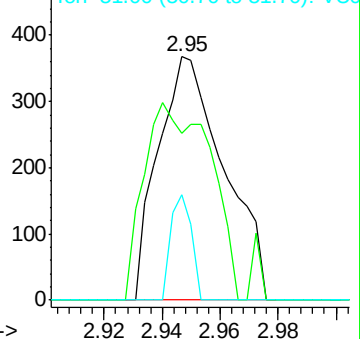
51 13.6 29.4 44.2#

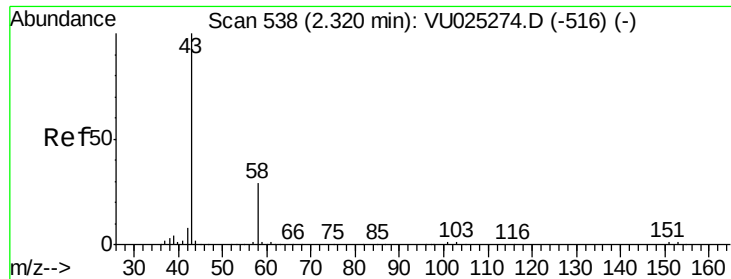


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 6.03 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

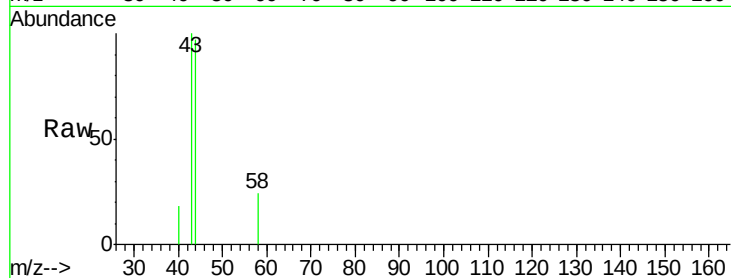
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 1386

Ion Ratio Lower Upper

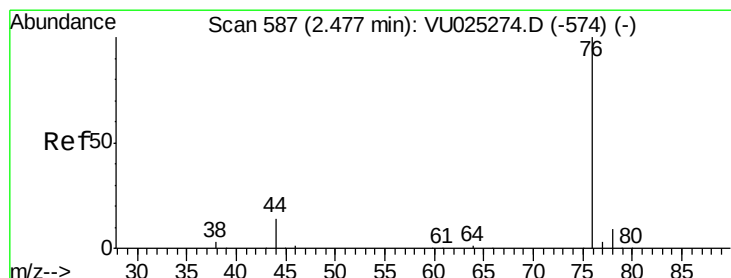
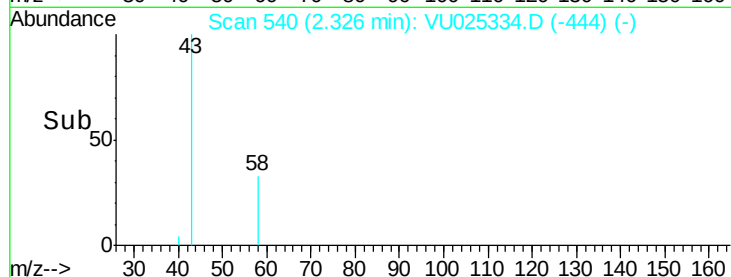
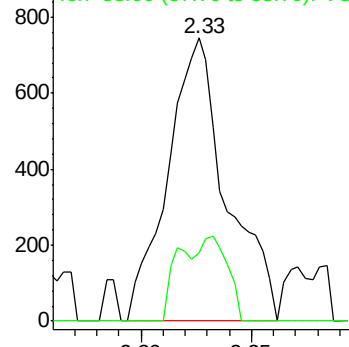
43 100

58 24.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 2.16 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025334.D

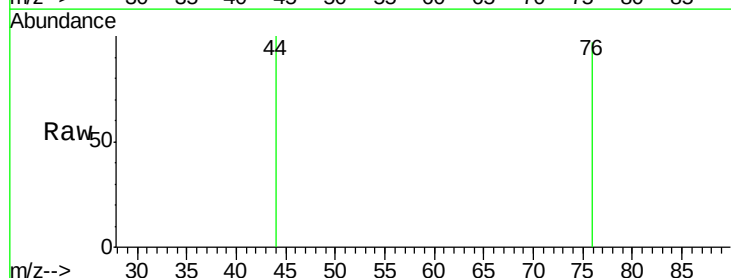
Acq: 12 Jul 2018 12:42

Tgt Ion: 76 Resp: 1046

Ion Ratio Lower Upper

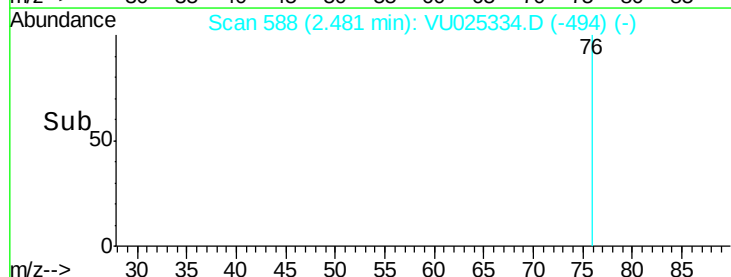
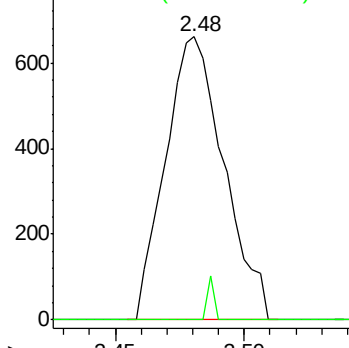
76 100

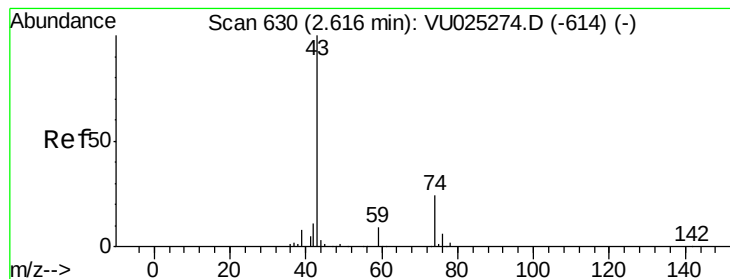
78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0





#18

Methyl Acetate

Concen: 0.30 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

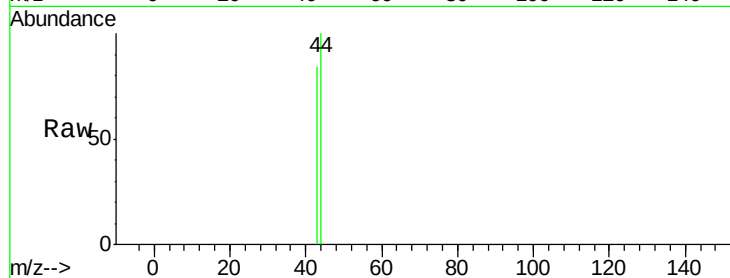
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 693

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

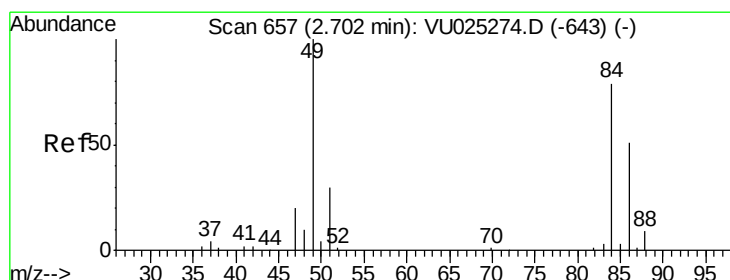
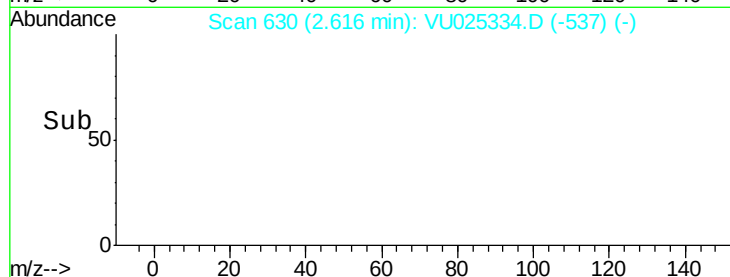
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 1.05 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Tgt Ion: 84 Resp: 649

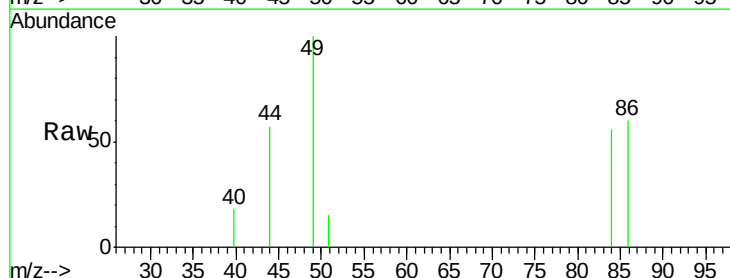
Ion Ratio Lower Upper

84 100

49 177.6 101.8 152.6#

51 27.0 30.8 46.2#

86 106.8 51.9 77.9#



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

1000

800

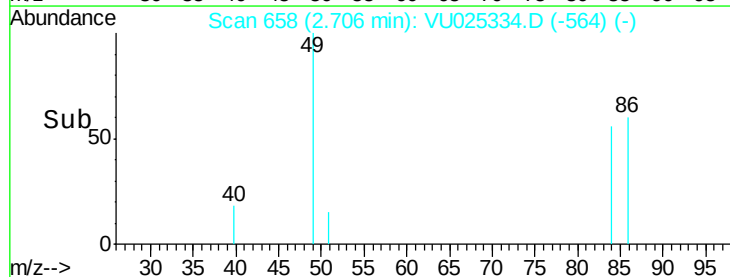
600

400

200

0

Time-->



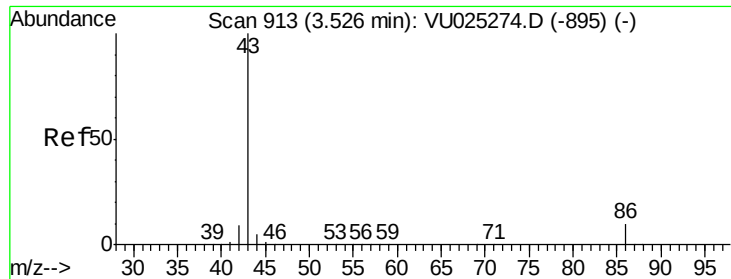
2.66

2.68

2.70

2.72

2.74



#23

Vinyl Acetate

Concen: 0.49 ug/l

RT: 3.54 min Scan# 917

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

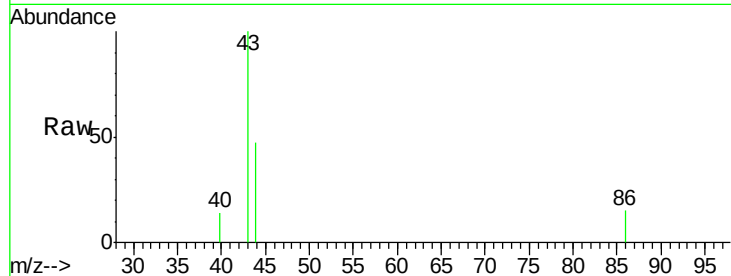
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 2369

Ion Ratio Lower Upper

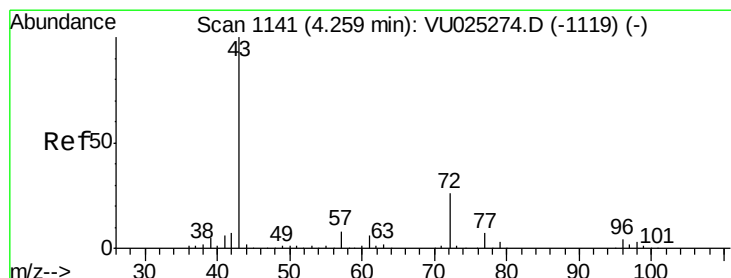
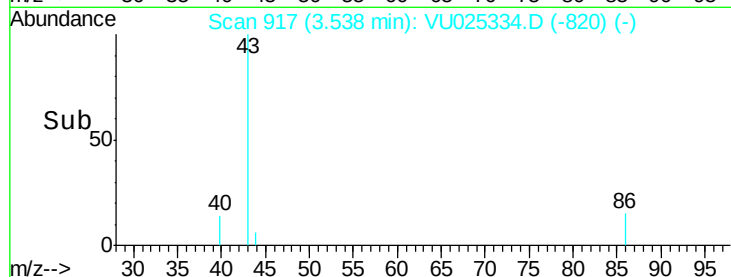
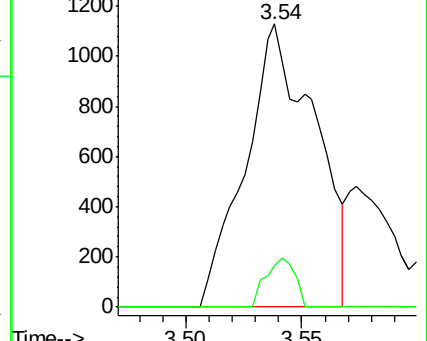
43 100

86 14.8 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#25

2-Butanone

Concen: 0.47 ug/l

RT: 4.29 min Scan# 1150

Delta R.T. 0.03 min

Lab File: VU025334.D

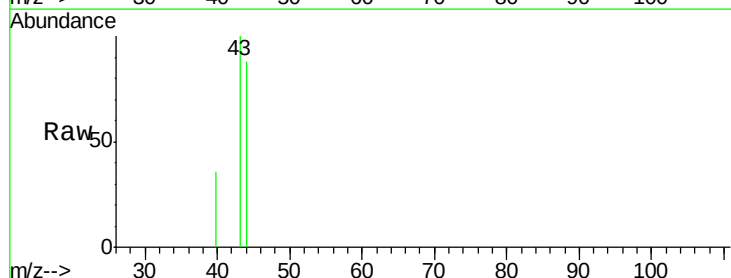
Acq: 12 Jul 2018 12:42

Tgt Ion: 43 Resp: 752

Ion Ratio Lower Upper

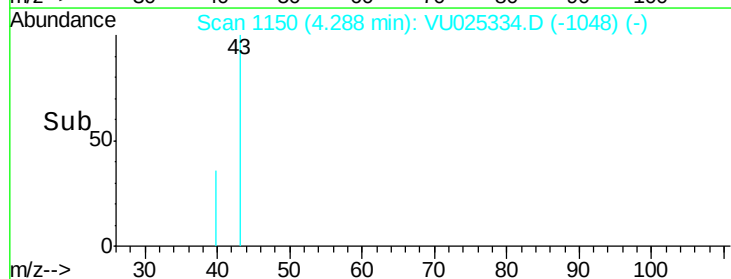
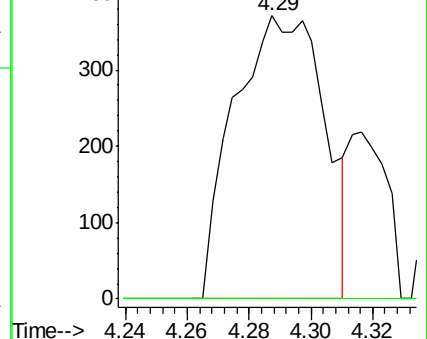
43 100

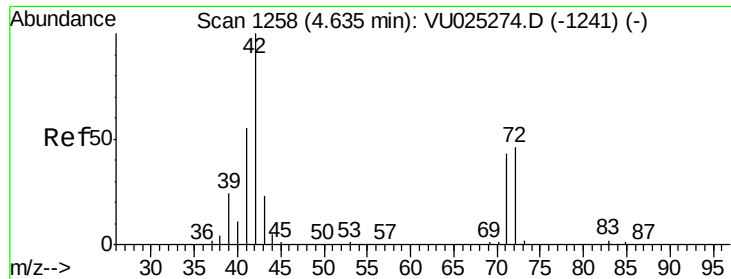
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

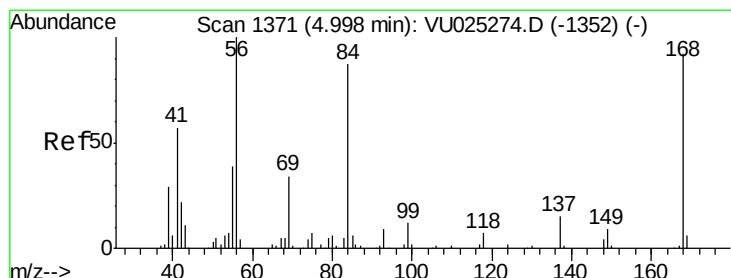
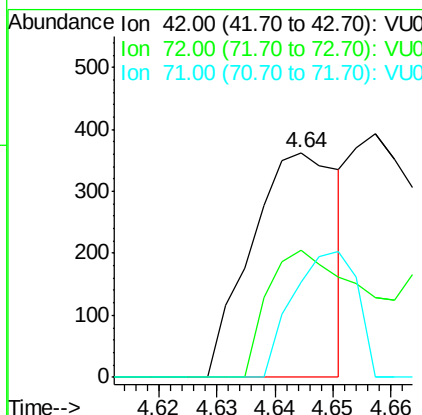
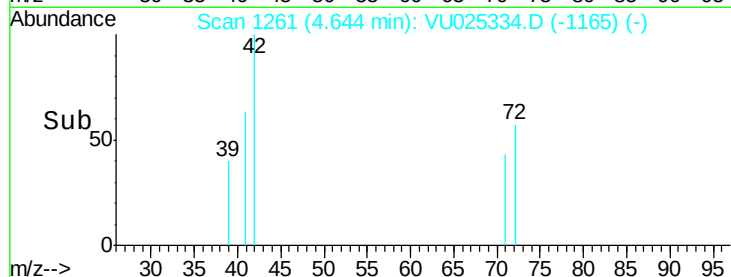
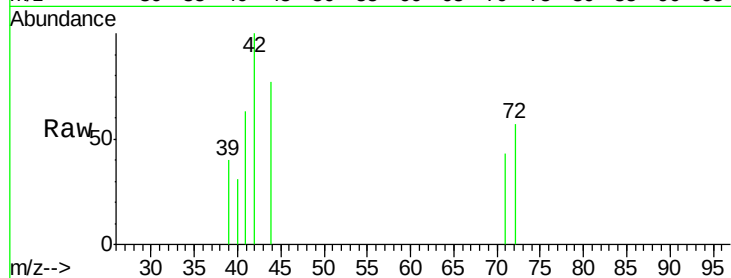




#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

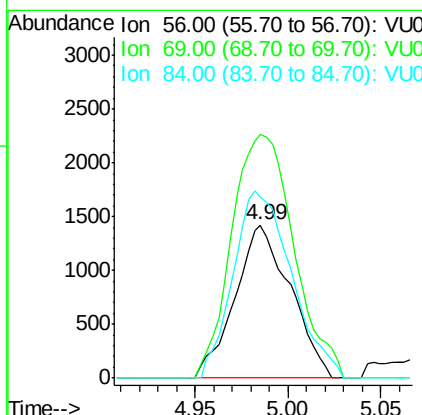
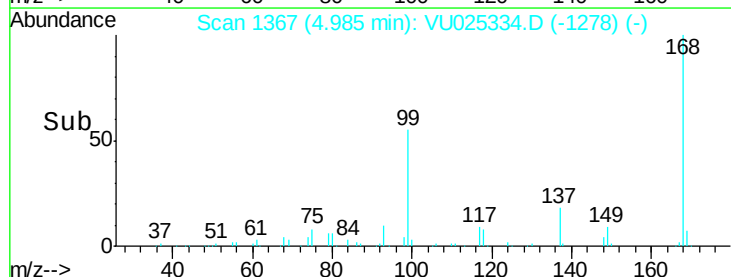
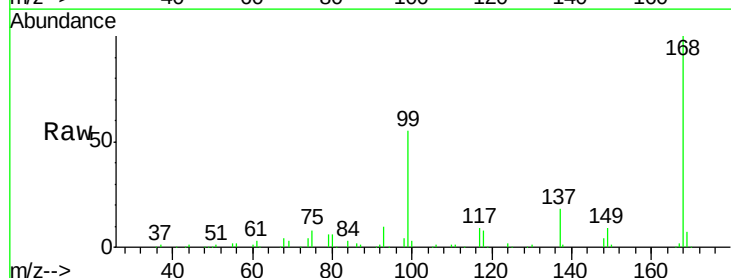
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

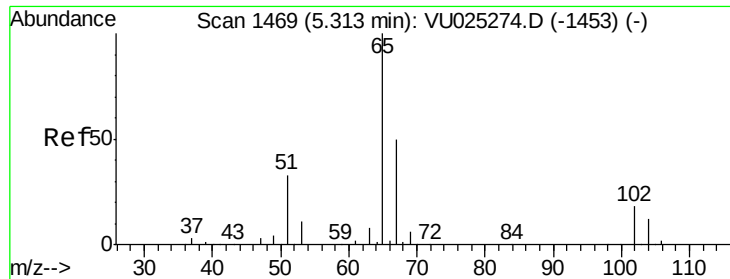
Tot Ion: 42 Resp: 377
Ion Ratio Lower Upper
42 100
72 65.0 36.7 55.1#
71 41.6 33.9 50.9



#31
Cyclohexane
Concen: 1.75 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 56 Resp: 2957
Ion Ratio Lower Upper
56 100
69 159.2 26.8 40.2#
84 118.2 69.7 104.5#

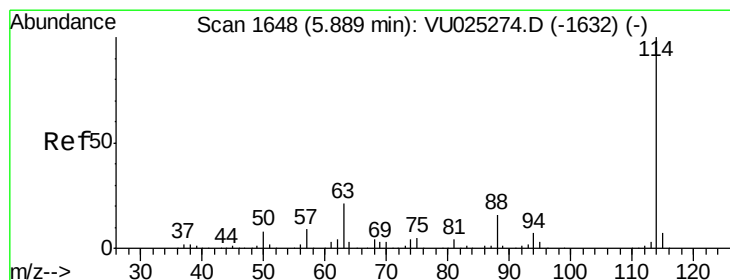
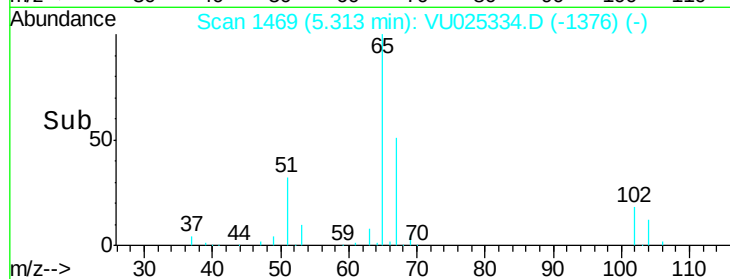
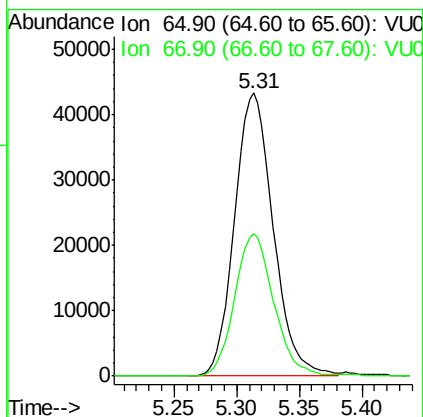
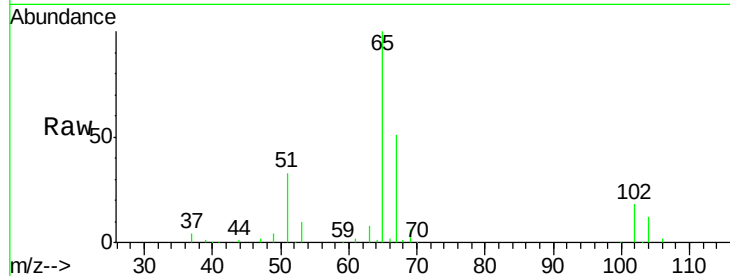




#33
 1,2-Dichloroethane-d4
 Concen: 40.66 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025334.D
 Acq: 12 Jul 2018 12:42

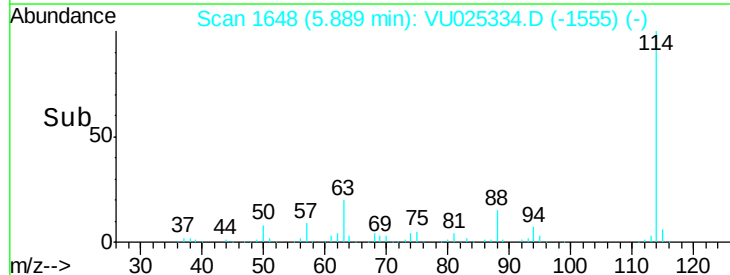
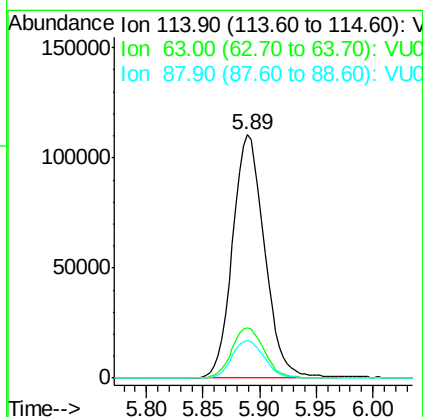
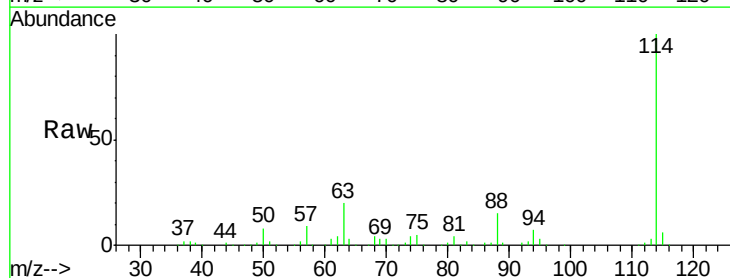
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

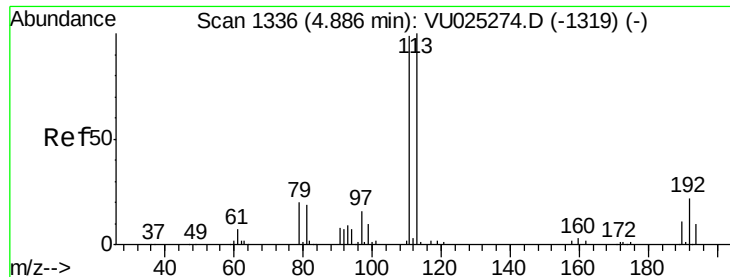
Tot Ion: 65 Resp: 92977
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025334.D
 Acq: 12 Jul 2018 12:42

Tgt Ion: 114 Resp: 218248
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 15.3 0.0 32.4

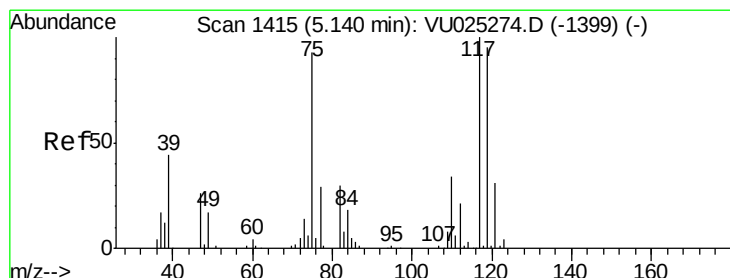
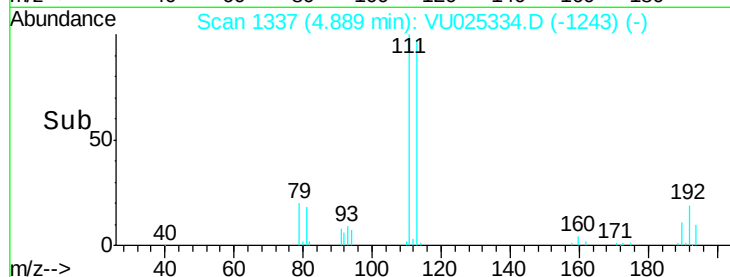
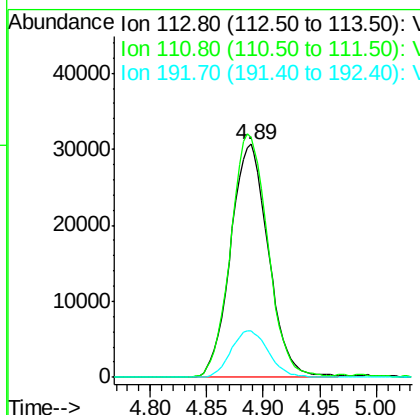
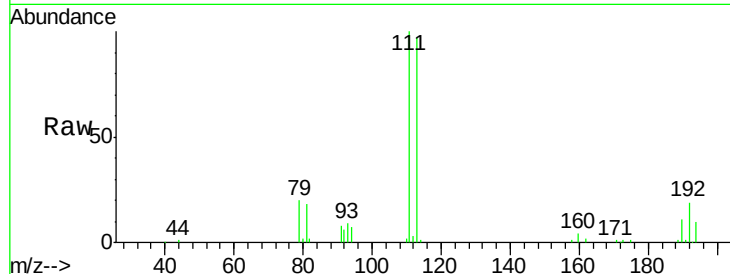




#35
Dibromofluoromethane
Concen: 38.76 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

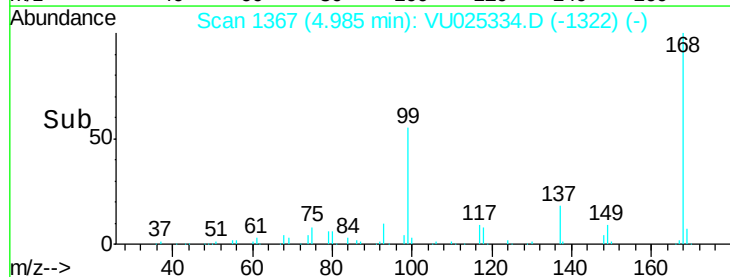
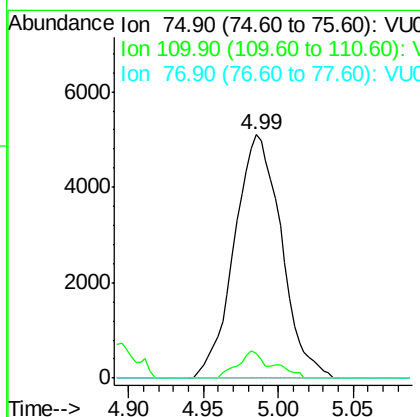
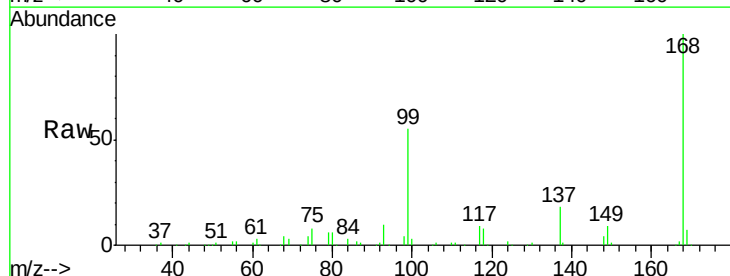
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

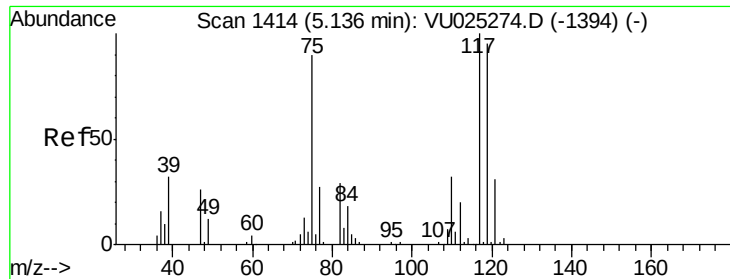
Tot Ion:113 Resp: 71354
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 19.7 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 75 Resp: 11142
Ion Ratio Lower Upper
75 100
110 6.1 17.6 52.9#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

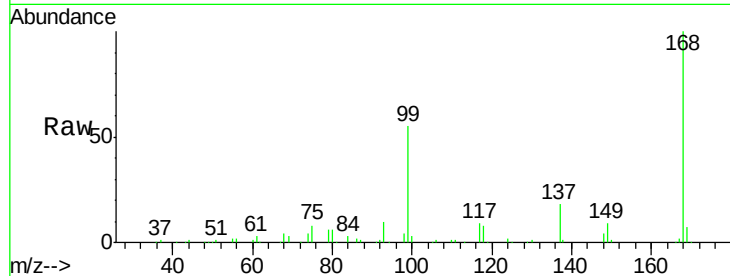
Tot Ion:117 Resp: 14114

Ion Ratio Lower Upper

117 100

119 4.9 75.7 113.5#

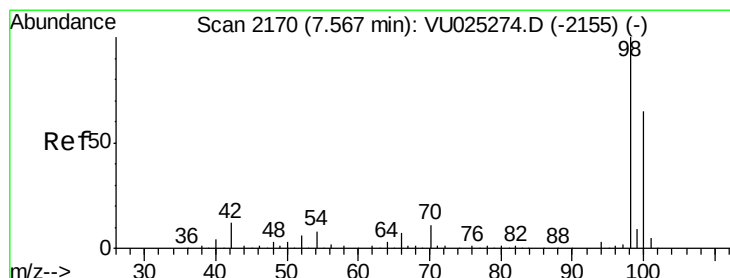
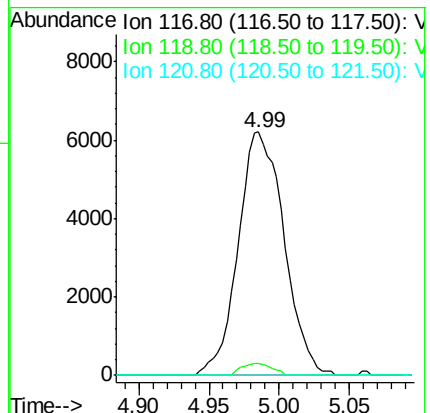
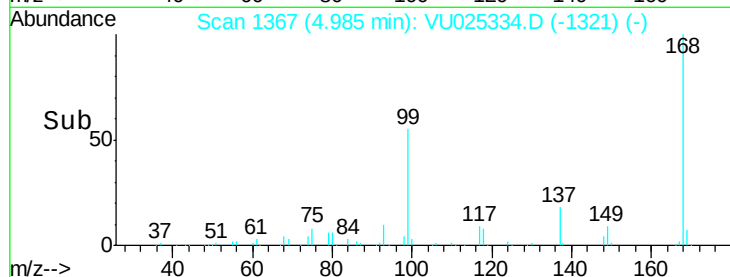
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 36.60 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025334.D

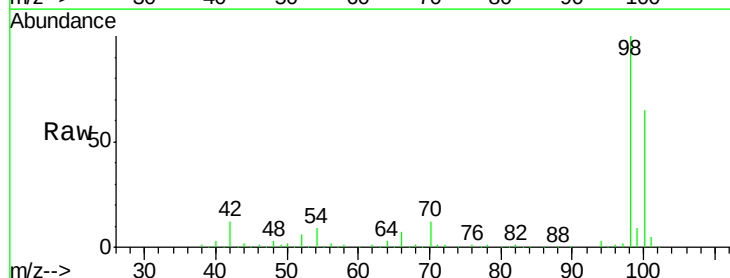
Acq: 12 Jul 2018 12:42

Tgt Ion: 98 Resp: 230725

Ion Ratio Lower Upper

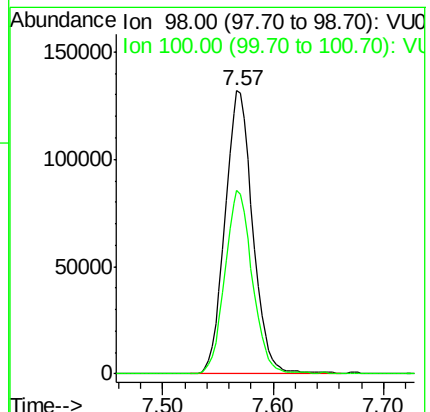
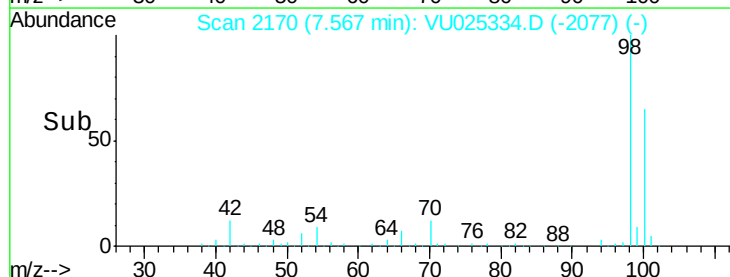
98 100

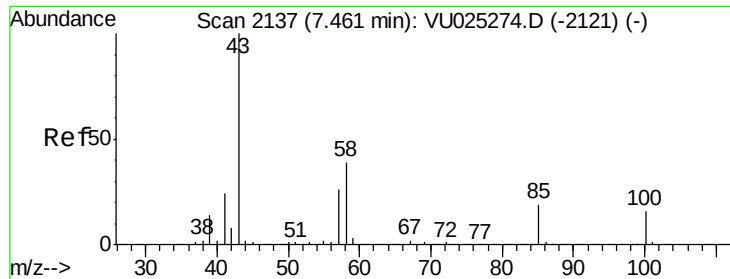
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.65 ug/l

RT: 7.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

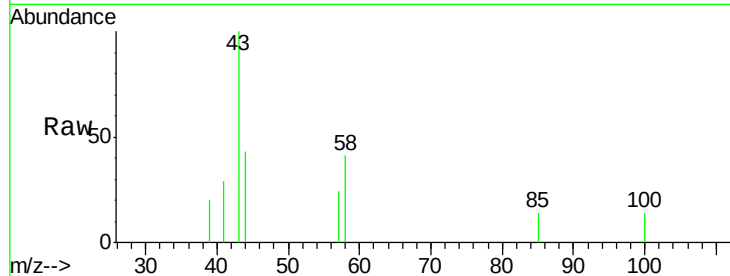
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 1836

Ion Ratio Lower Upper

43 100

58 28.4 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.47

1200

1000

800

600

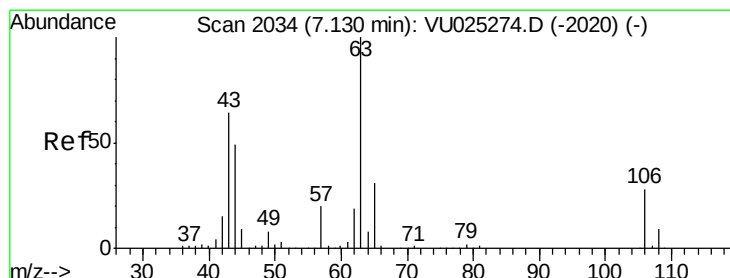
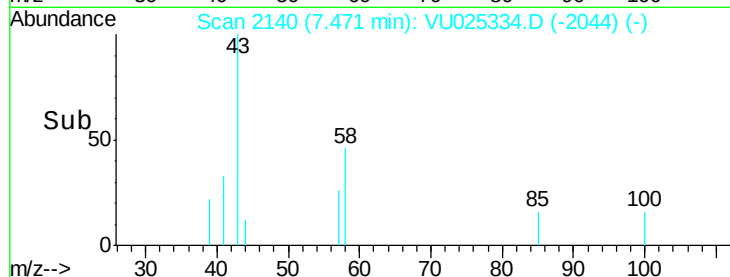
400

200

0

7.45 7.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 11.47 ug/l

RT: 7.15 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VU025334.D

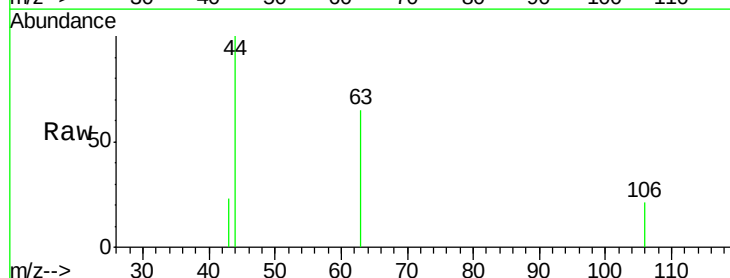
Acq: 12 Jul 2018 12:42

Tgt Ion: 63 Resp: 477

Ion Ratio Lower Upper

63 100

106 8.2 22.3 33.5#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.15

300

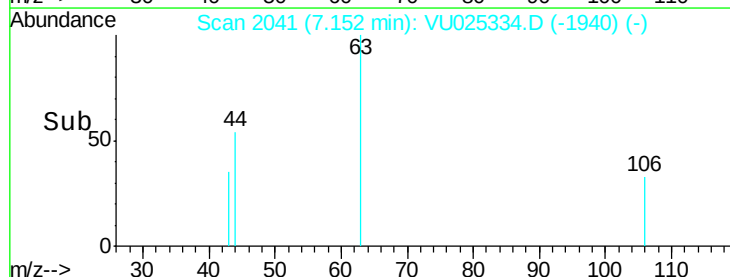
200

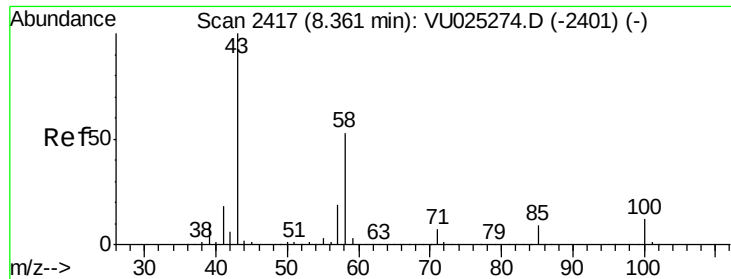
100

0

7.12 7.14 7.16 7.18

Time-->

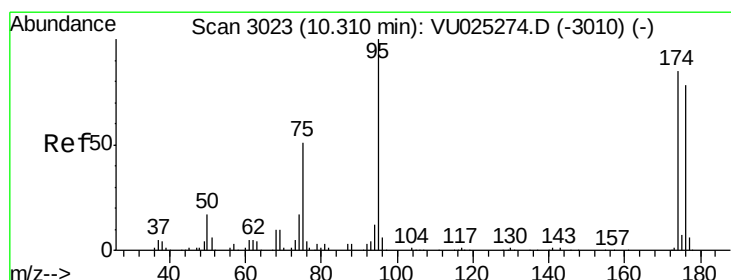
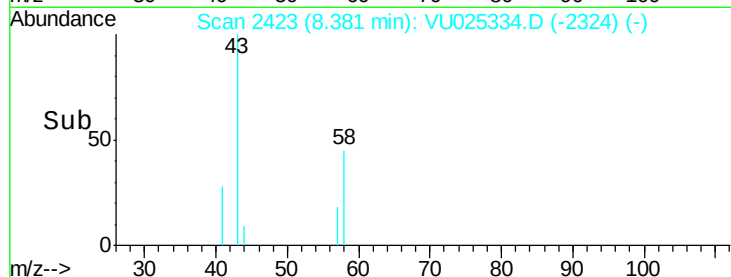
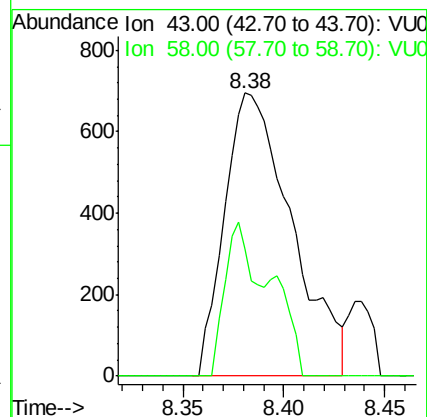
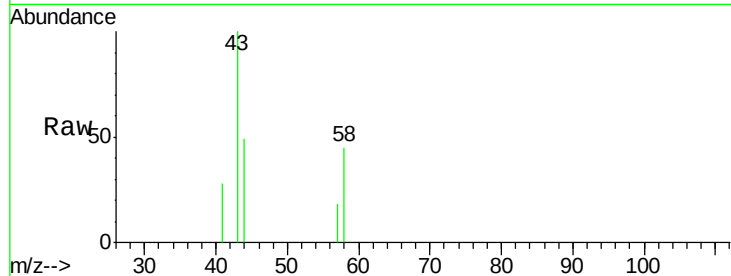




#59
2-Hexanone
Concen: 0.71 ug/l
RT: 8.38 min Scan# 2423
Delta R.T. 0.02 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

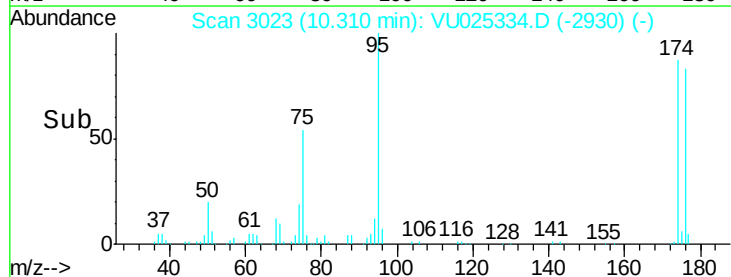
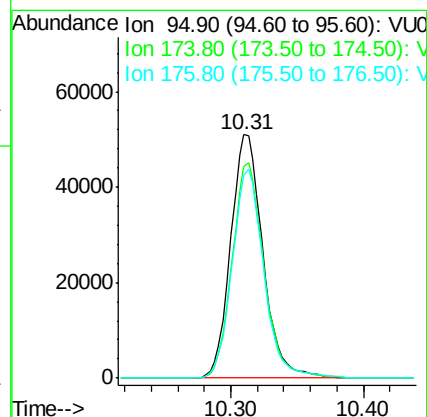
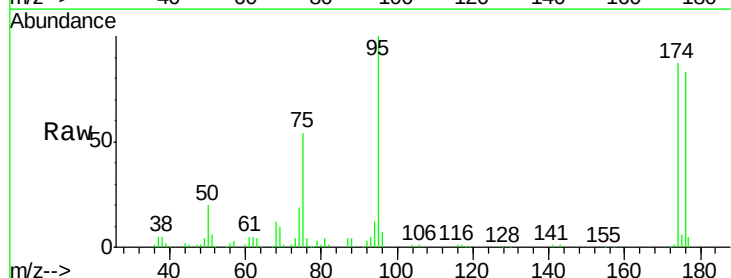
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

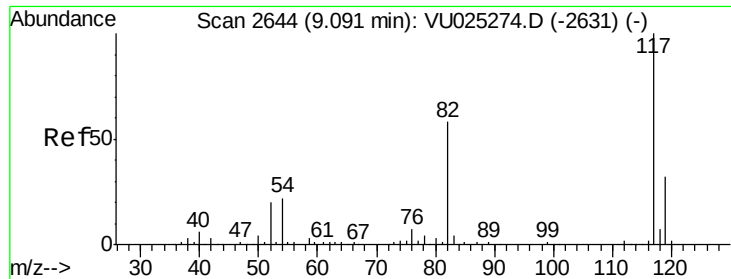
Tot Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
58 25.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 33.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 95 Resp: 86104
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.2
176 84.5 0.0 162.6

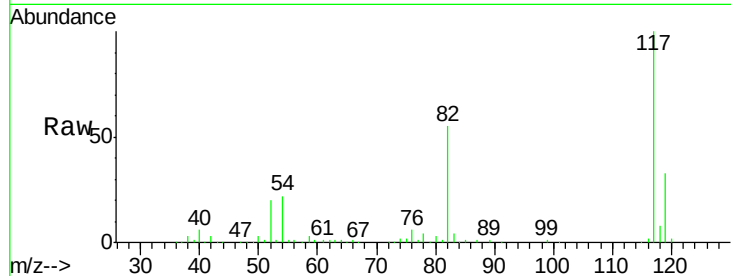




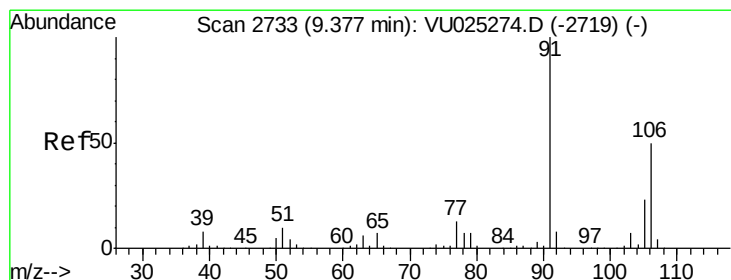
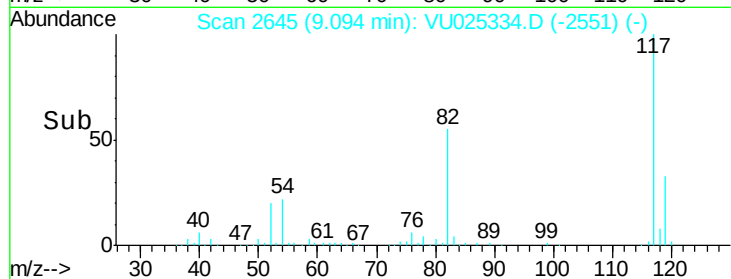
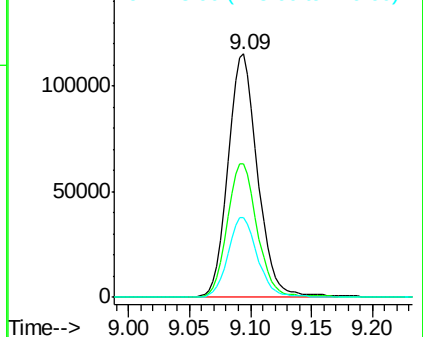
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tot Ion:117 Resp: 195339
Ion Ratio Lower Upper
117 100
82 54.8 46.0 69.0
119 32.7 26.0 39.0

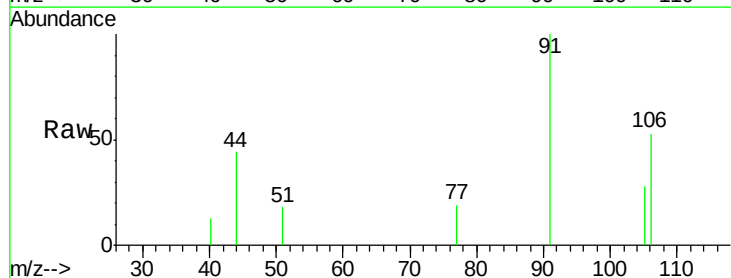


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

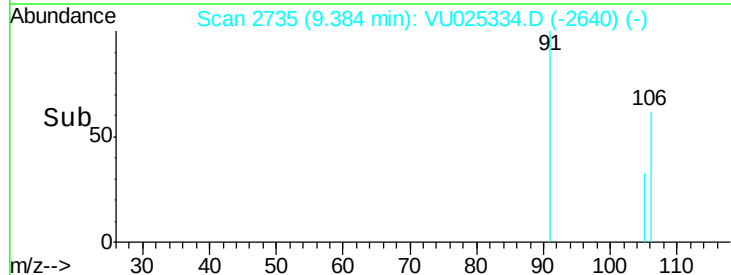
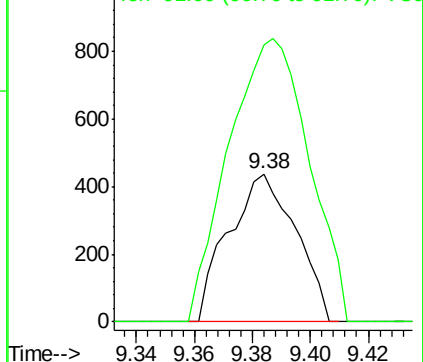


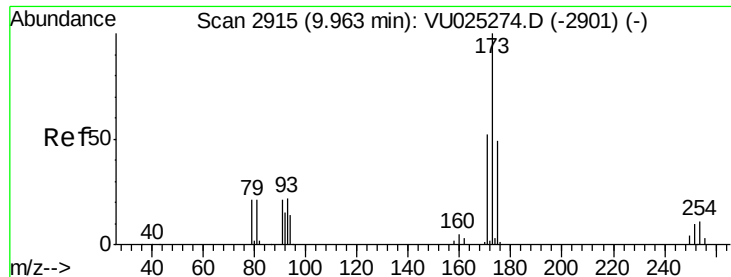
#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion:106 Resp: 704
Ion Ratio Lower Upper
106 100
91 228.4 162.3 243.5



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





#71

Bromoform

Concen: 4.66 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

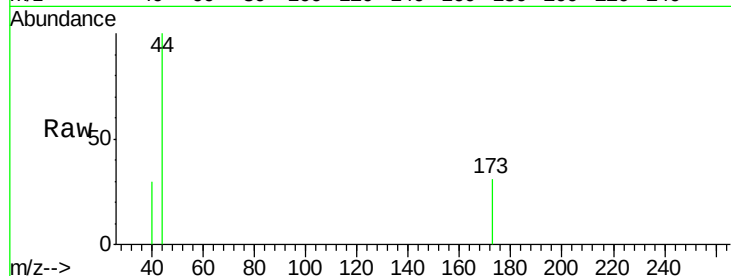
Tot Ion:173 Resp: 120

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

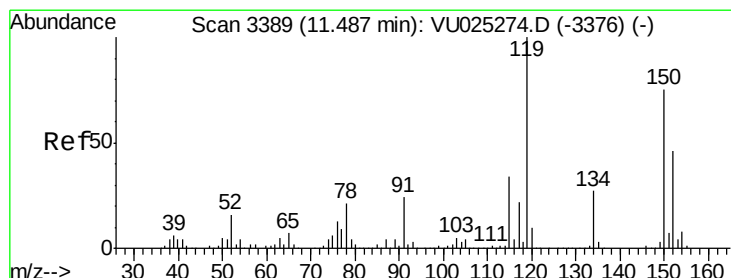
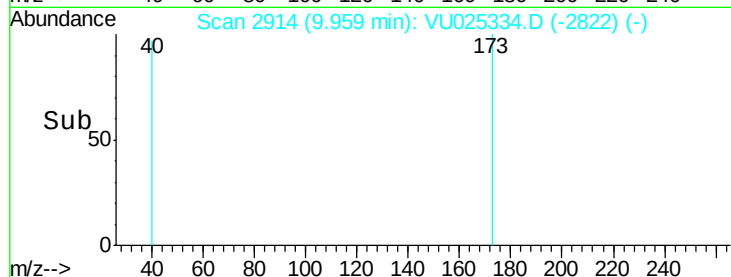
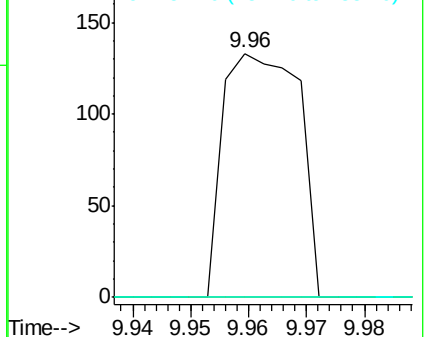
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

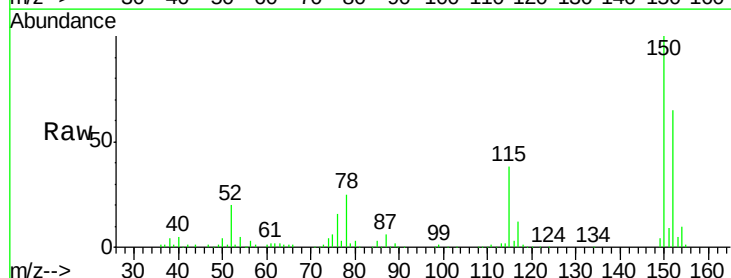
Tgt Ion:152 Resp: 98525

Ion Ratio Lower Upper

152 100

115 57.8 40.1 120.3

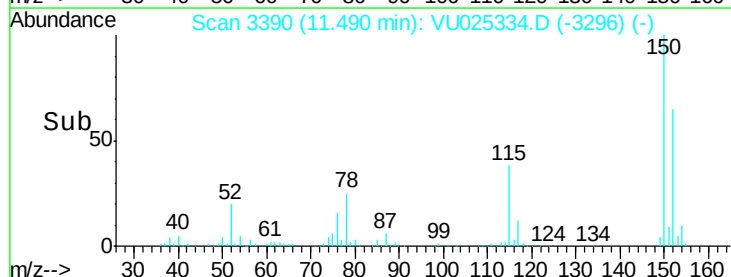
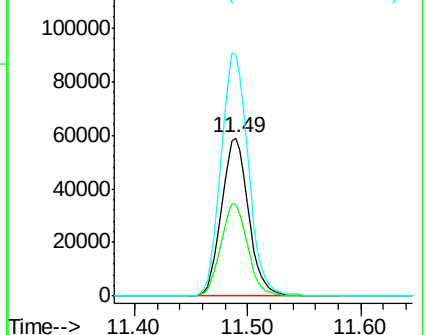
150 155.3 0.0 351.4

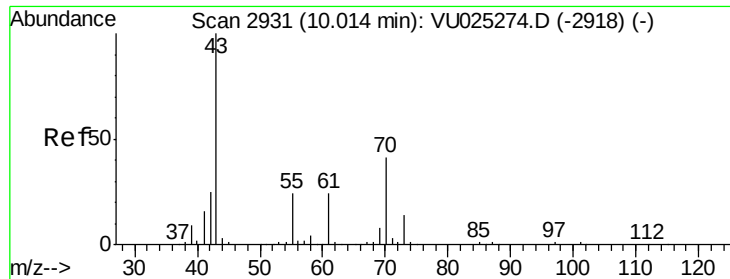


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.32 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 175

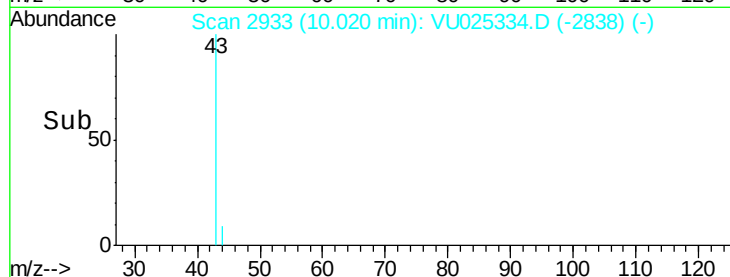
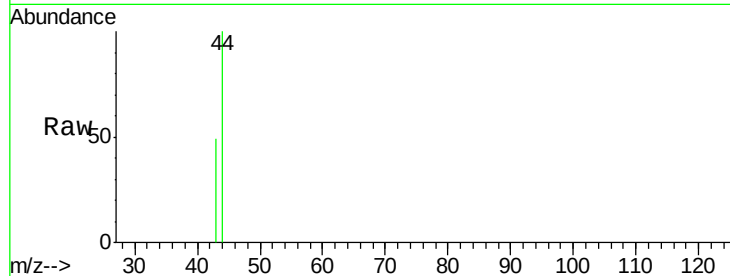
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#

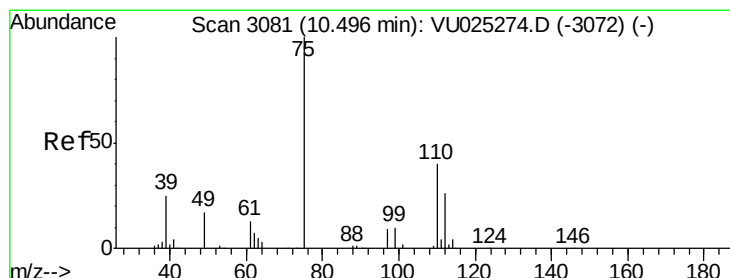
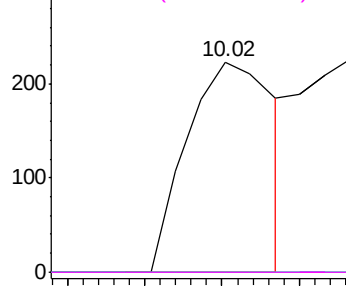


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 23.22 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025334.D

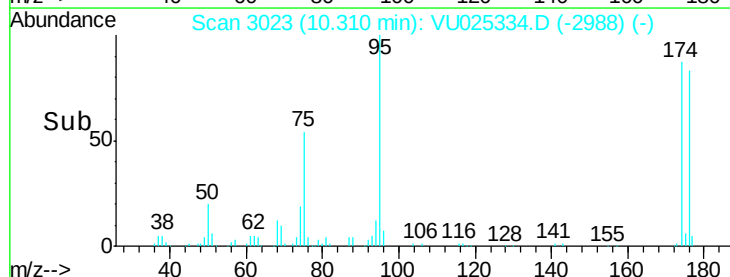
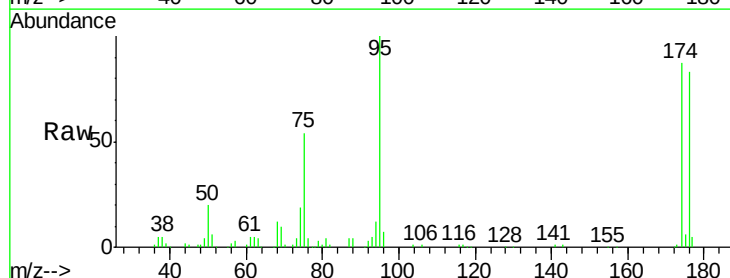
Acq: 12 Jul 2018 12:42

Tgt Ion: 75 Resp: 46248

Ion Ratio Lower Upper

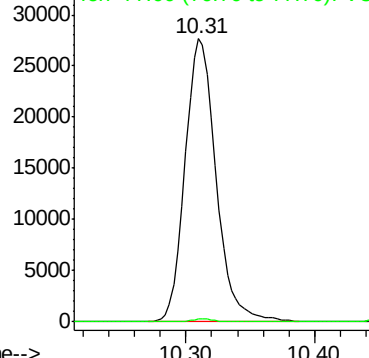
75 100

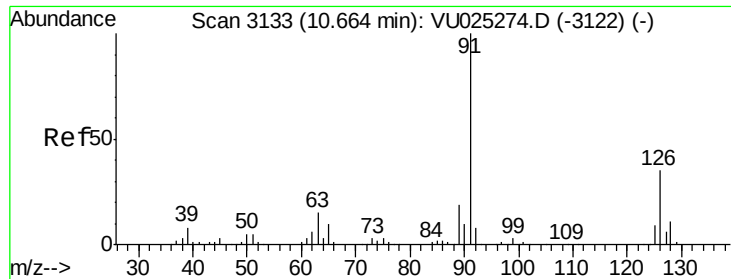
77 0.7 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#79

2-Chlorotoluene

Concen: 0.32 ug/l

RT: 10.66 min Scan# 3132

Delta R.T. -0.00 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

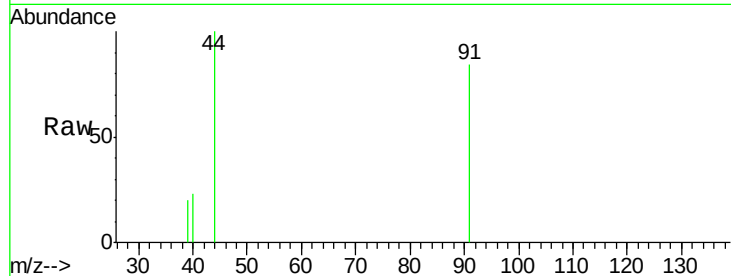
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 91 Resp: 820

Ion Ratio Lower Upper

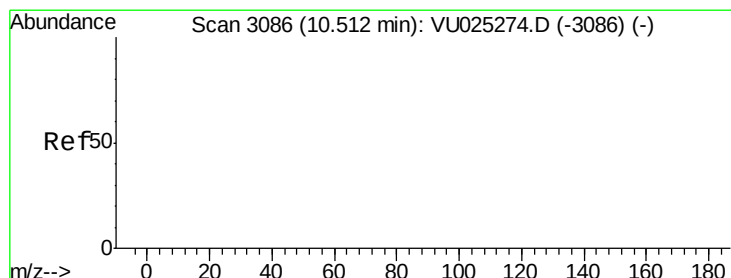
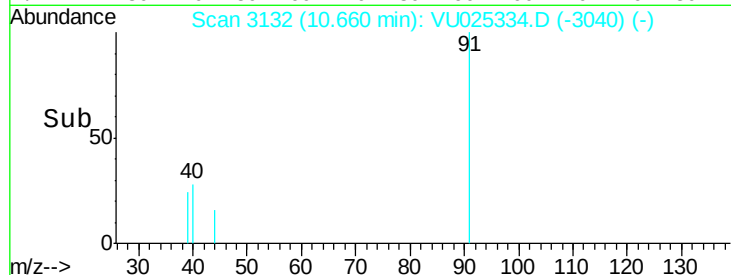
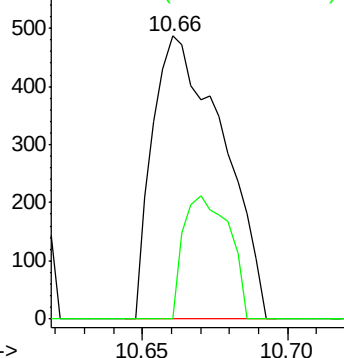
91 100

126 28.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.92 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

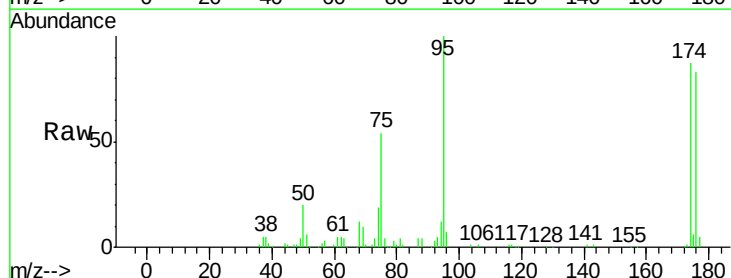
Tgt Ion: 75 Resp: 46248

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

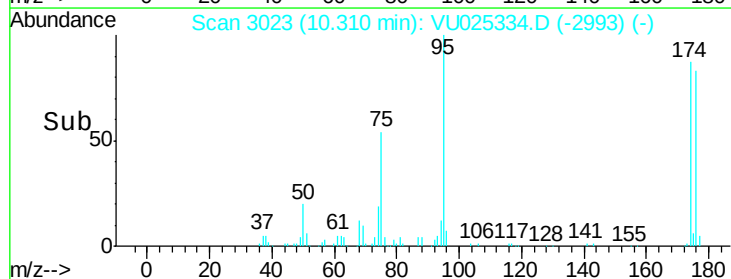
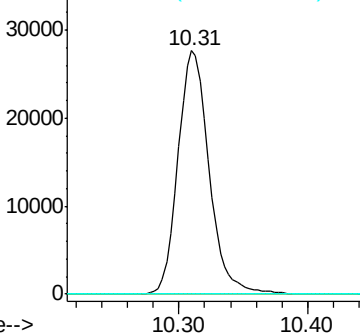
89 0.0 0.0 0.0

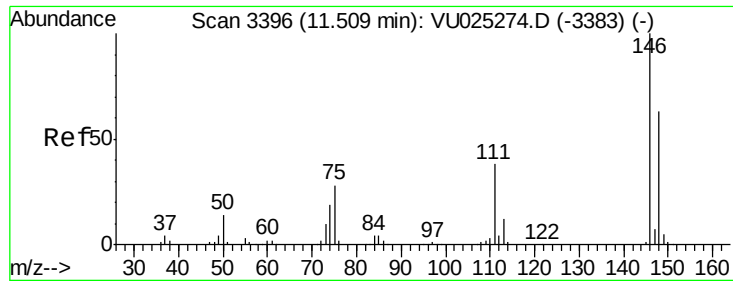


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

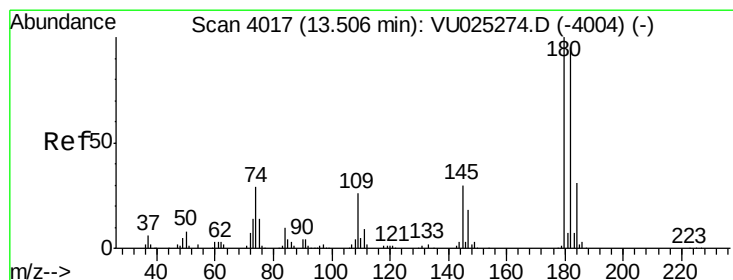
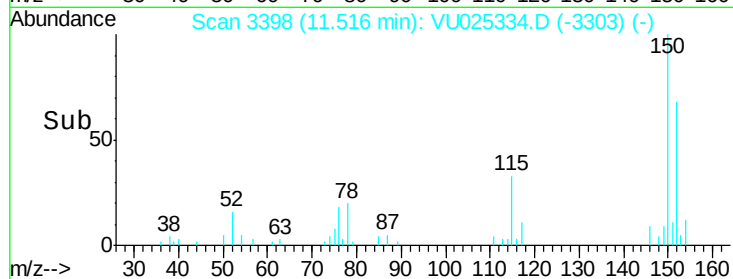
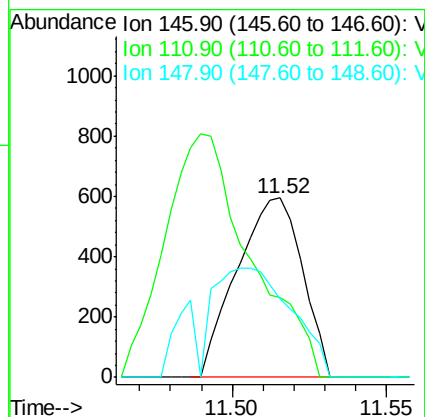
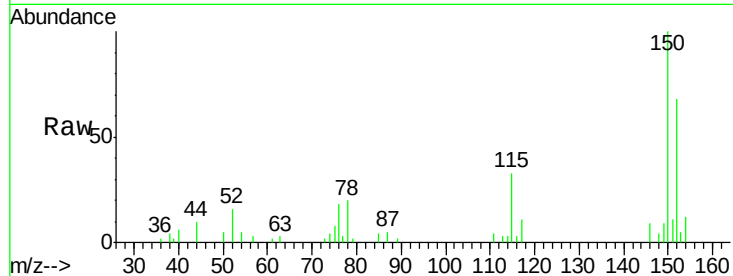




#88
 1,4-Dichlorobenzene
 Concen: 1.73 ug/l
 RT: 11.52 min Scan# 3398
 Delta R.T. 0.01 min
 Lab File: VU025334.D
 Acq: 12 Jul 2018 12:42

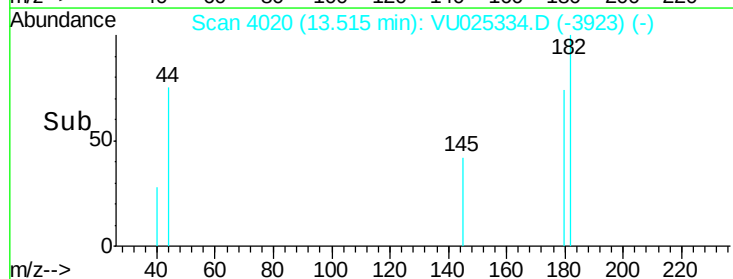
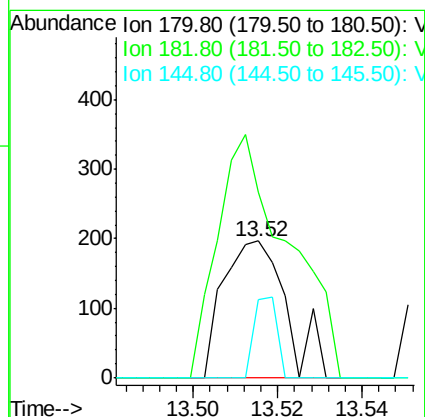
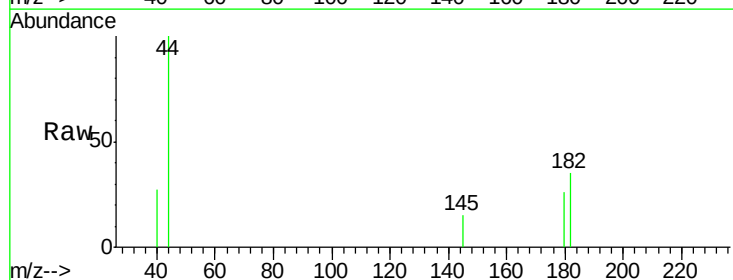
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

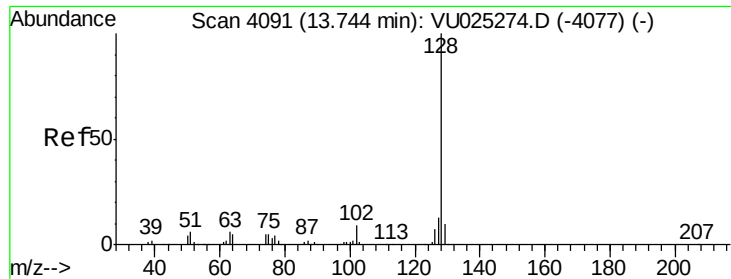
Tot Ion:146 Resp: 875
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.1#
 148 72.7 31.7 95.1



#93
 1,2,4-Trichlorobenzene
 Concen: 3.36 ug/l
 RT: 13.52 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: VU025334.D
 Acq: 12 Jul 2018 12:42

Tgt Ion:180 Resp: 204
 Ion Ratio Lower Upper
 180 100
 182 199.5 47.3 141.9#
 145 21.6 14.9 44.7





#95

Naphthalene

Concen: 2.79 ug/l

RT: 13.76 min Scan# 4096

Delta R.T. 0.02 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

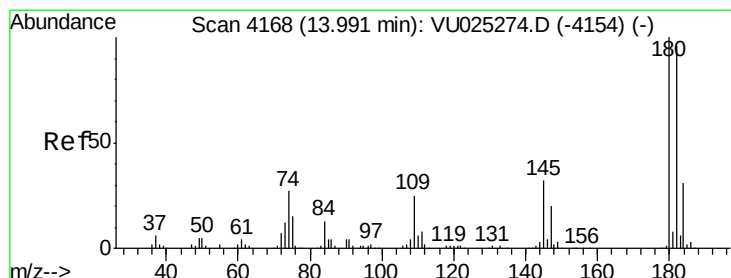
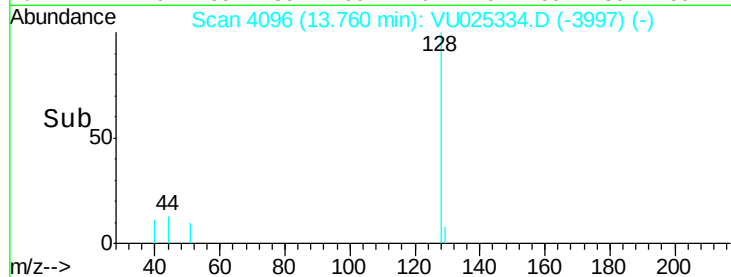
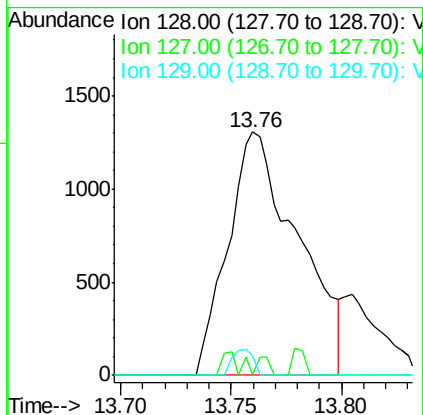
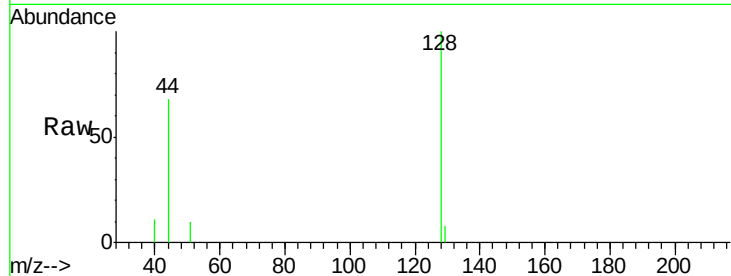
Tot Ion:128 Resp: 2881

Ion Ratio Lower Upper

128 100

127 1.4 10.5 15.7#

129 3.2 8.3 12.5#



#96

1,2,3-Trichlorobenzene

Concen: 2.76 ug/l

RT: 14.00 min Scan# 4171

Delta R.T. 0.01 min

Lab File: VU025334.D

Acq: 12 Jul 2018 12:42

Tgt Ion:180 Resp: 588

Ion Ratio Lower Upper

180 100

182 56.1 47.8 143.3

145 0.0 15.6 46.8#

