Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
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-amyl 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

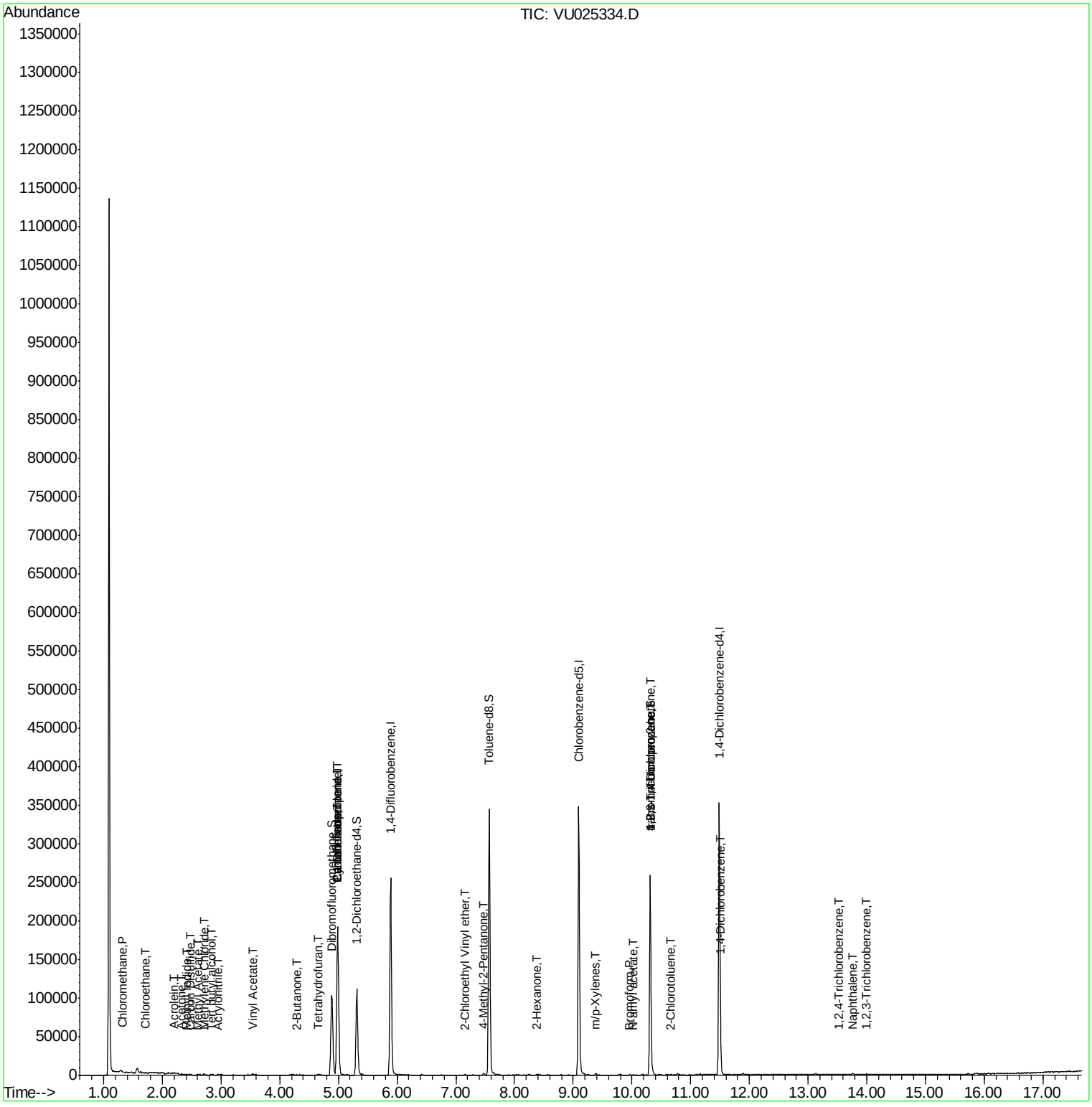
(#) = qualifier out of range (m) = manual integration (+) = signals summed

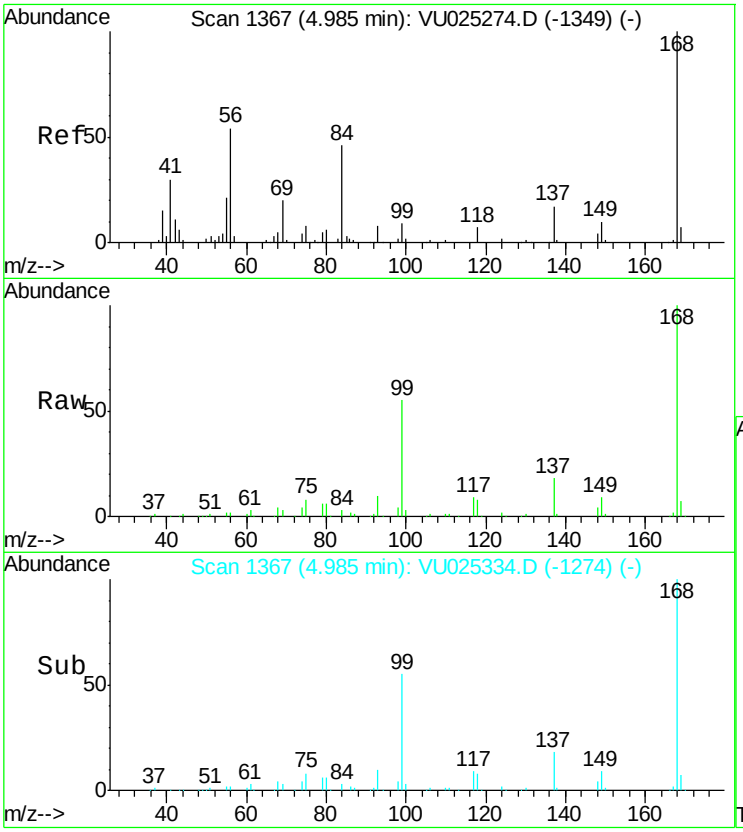
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
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



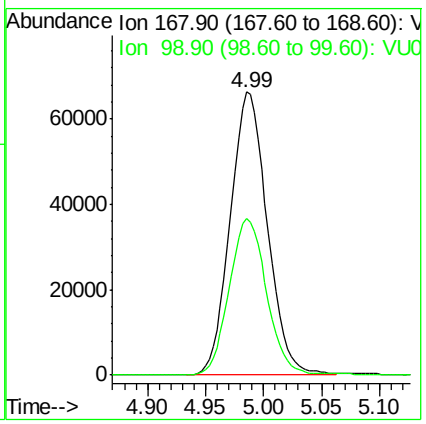


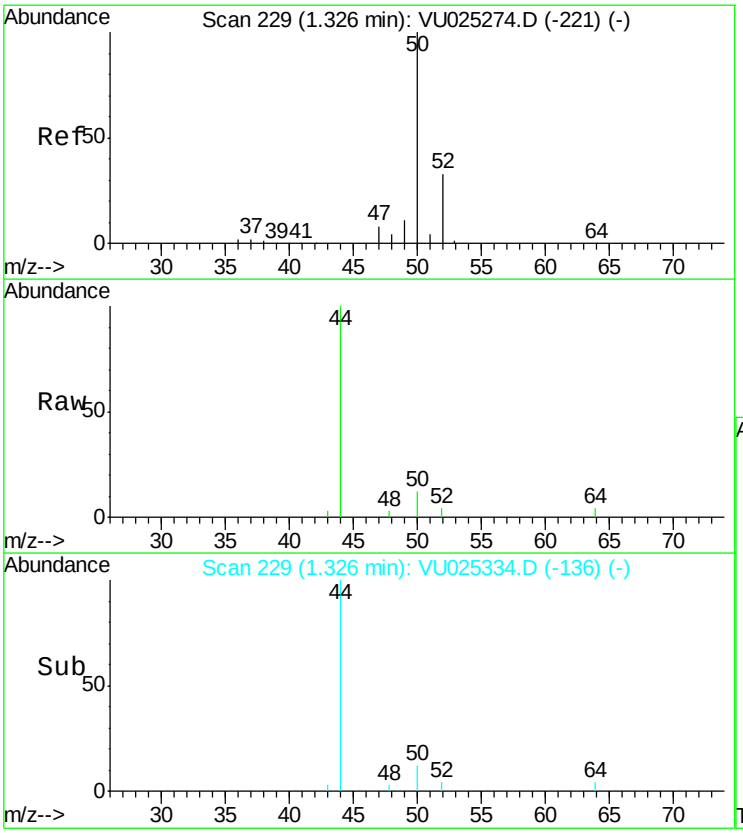
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:168 Resp: 147167

Ion	Ratio	Lower	Upper
168	100		
99	55.1	42.8	64.2

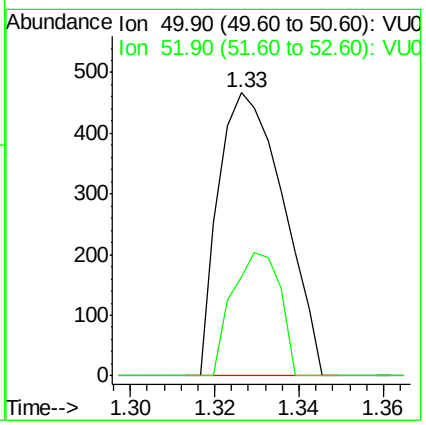


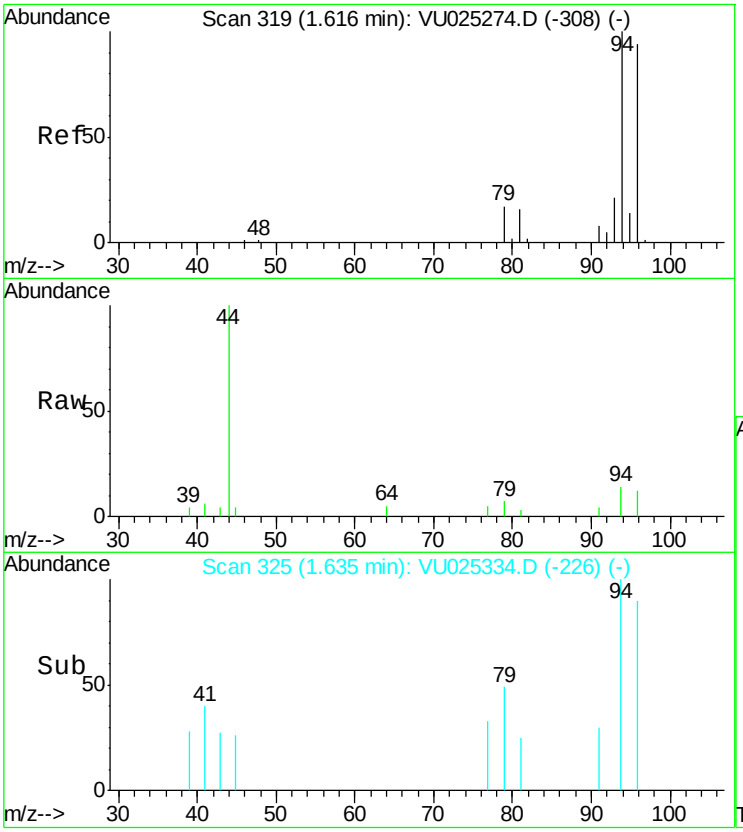


#3
Chloromethane
Concen: 0.89 ug/l
RT: 1.33 min Scan# 229
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 50 Resp: 498

Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.5	39.7



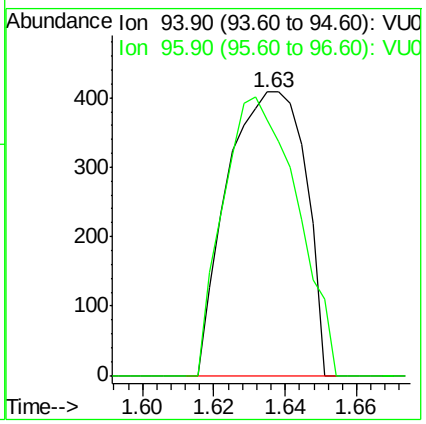


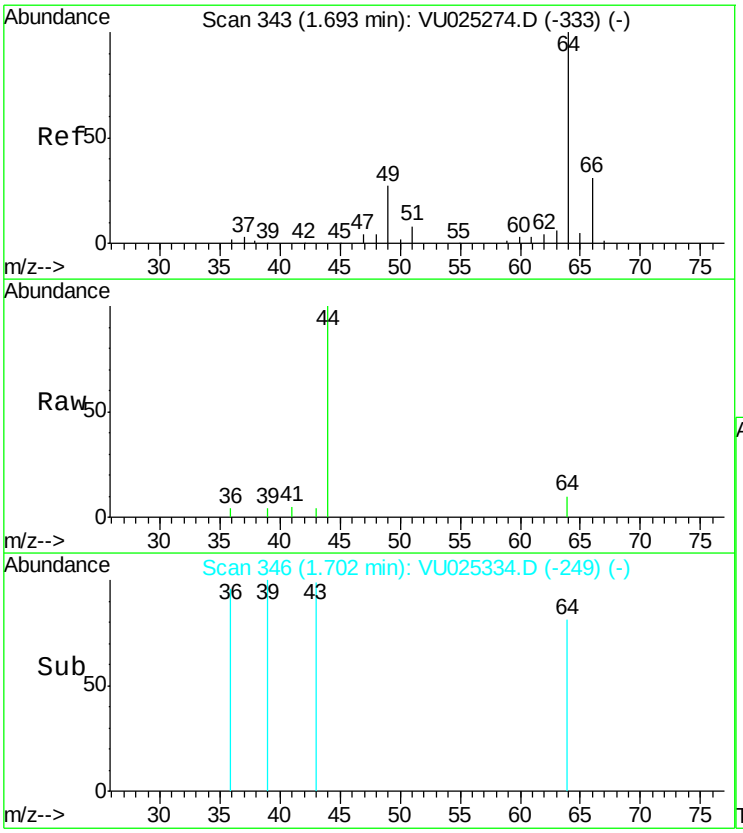
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 325
Delta R.T. 0.02 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 94 Resp: 616

Ion	Ratio	Lower	Upper
94	100		
96	90.2	75.0	112.4

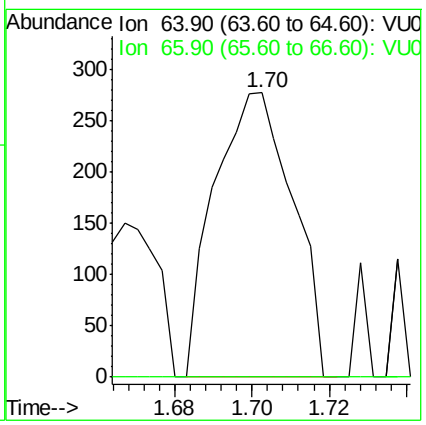


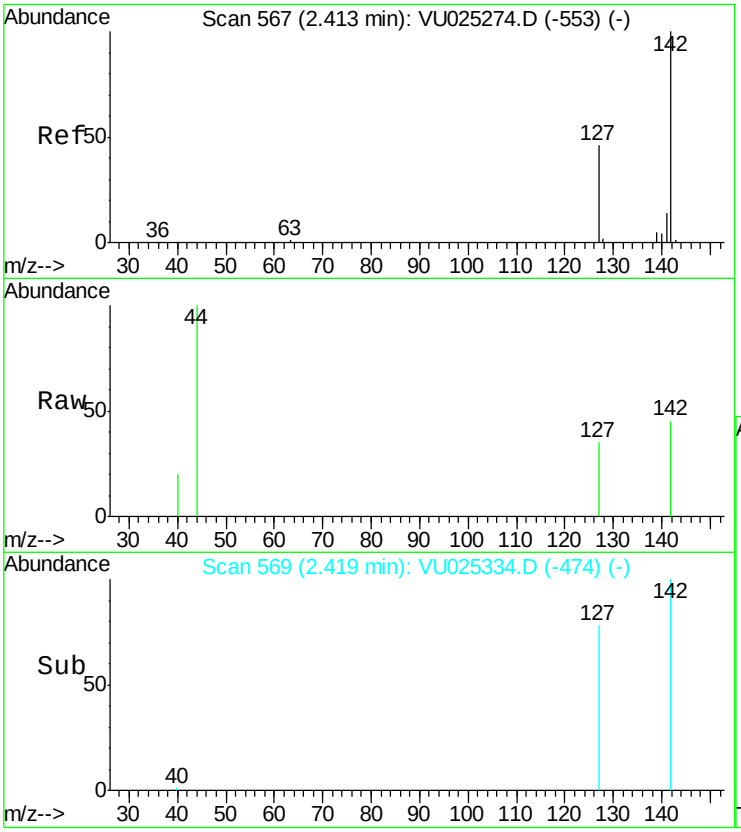


#6
Chloroethane
Concen: 0.65 ug/l
RT: 1.70 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 64 Resp: 389

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#



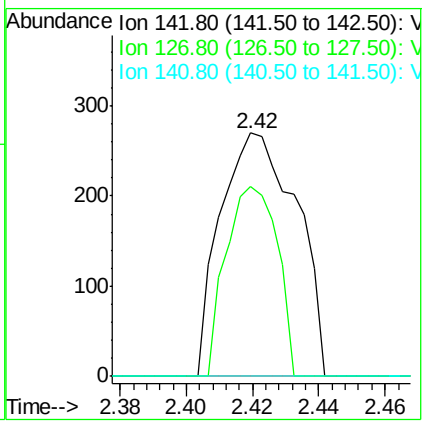


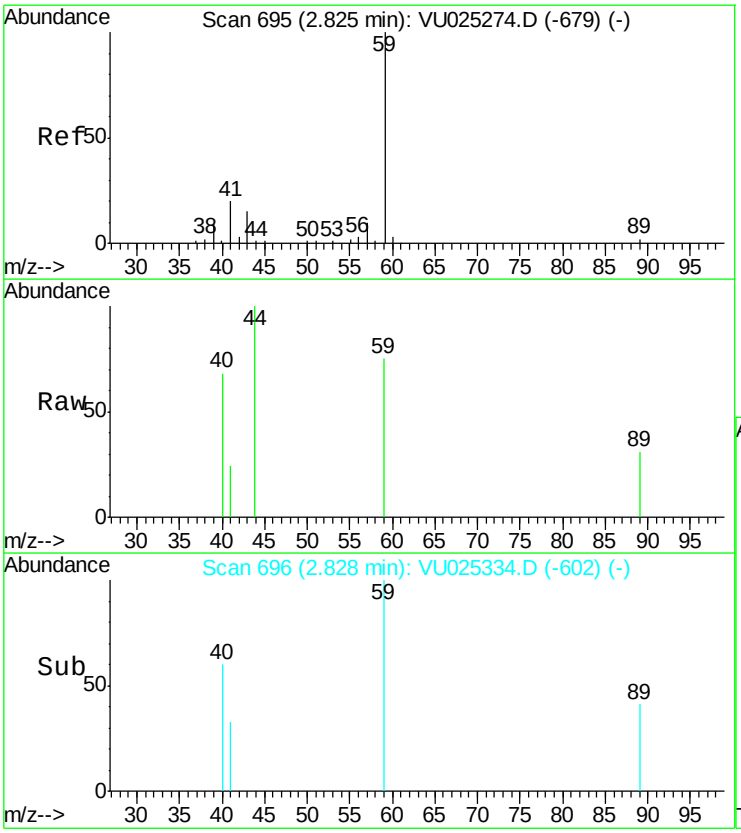
#10
Methyl Iodide
Concen: 7.90 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:142 Resp: 431

Ion	Ratio	Lower	Upper
142	100		
127	52.2	36.5	54.7
141	0.0	11.4	17.2#

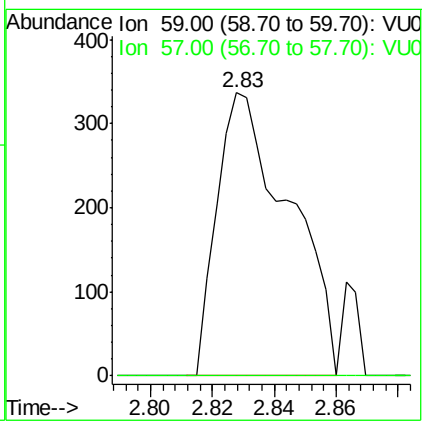


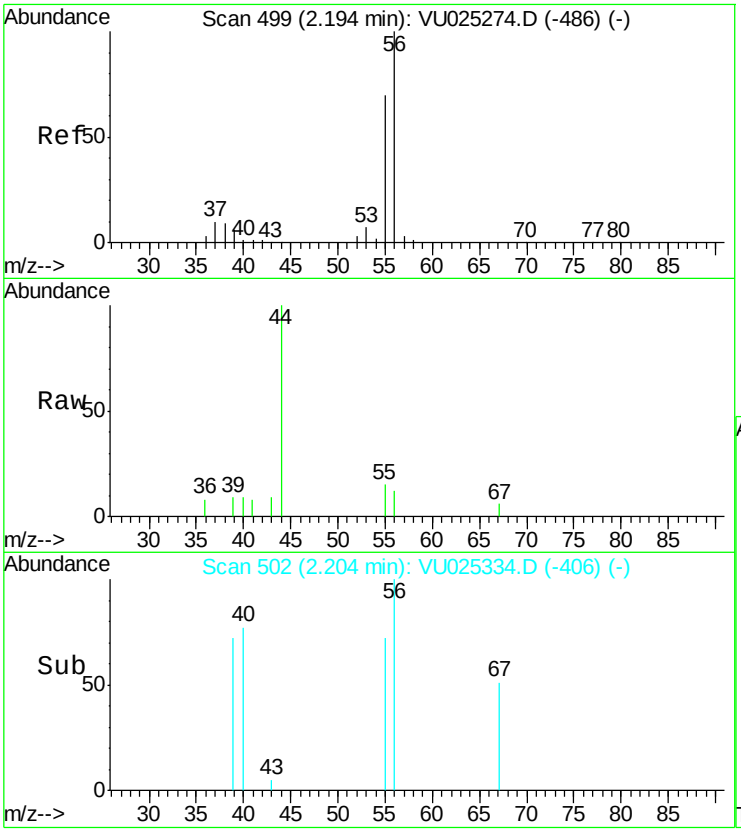


#11
Tert butyl alcohol
Concen: 1.10 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 59 Resp: 547

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



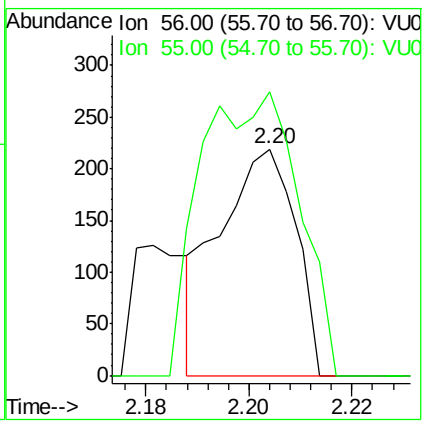


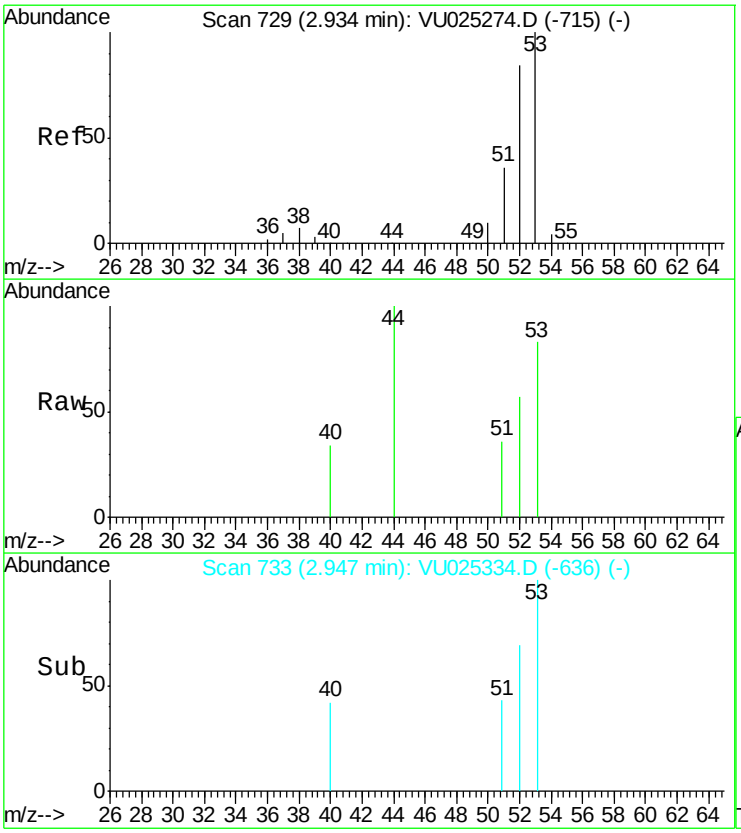
#13
Acrolein
Concen: 0.67 ug/l
RT: 2.20 min Scan# 502
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 56 Resp: 222

Ion	Ratio	Lower	Upper
56	100		
55	163.1	57.2	85.8#

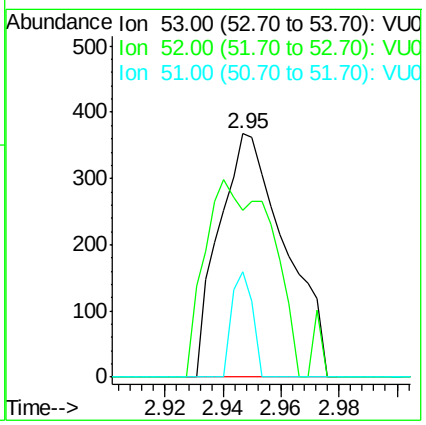


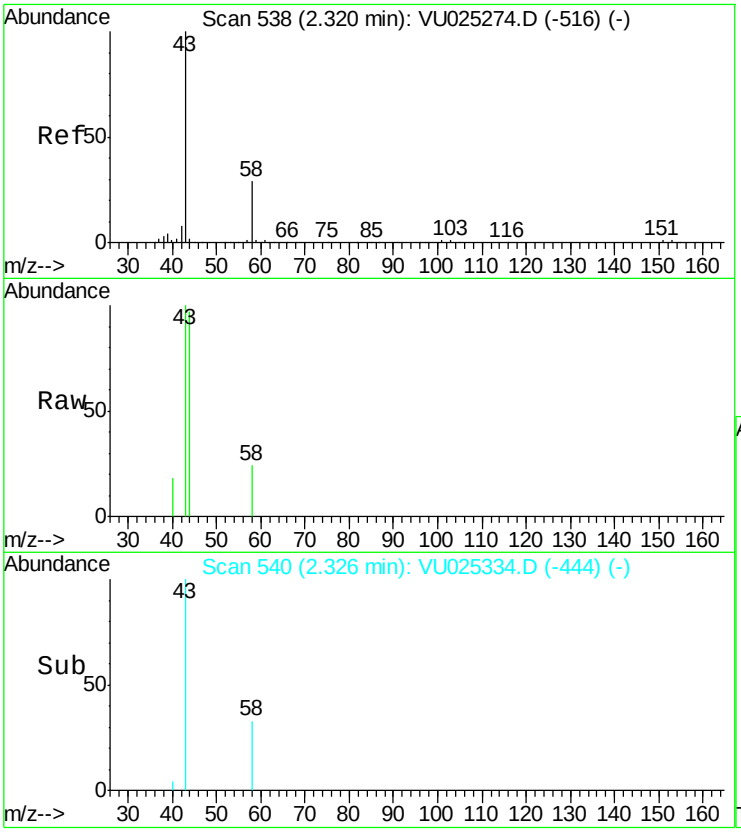


#15
Acrylonitrile
Concen: 0.57 ug/l
RT: 2.95 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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#



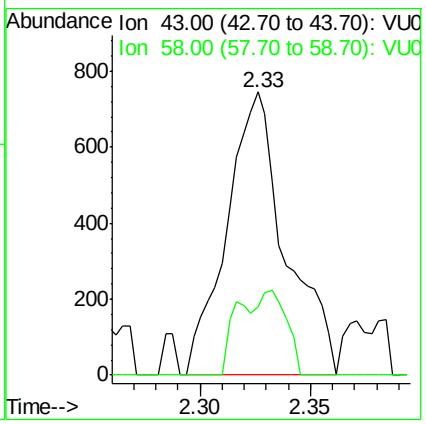


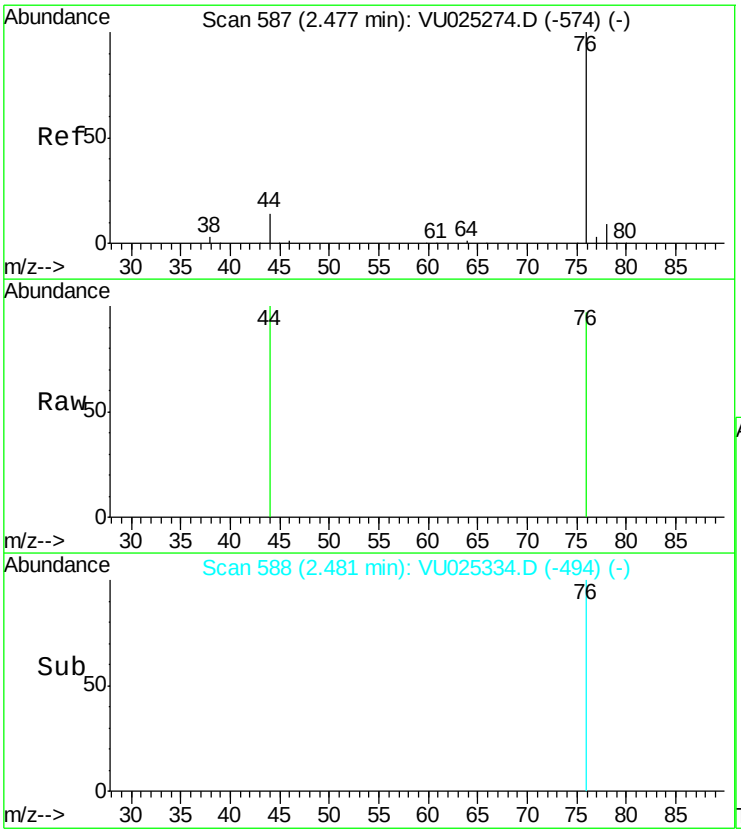
#16
Acetone
Concen: 6.03 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 43 Resp: 1386

Ion	Ratio	Lower	Upper
43	100		
58	24.0	23.1	34.7

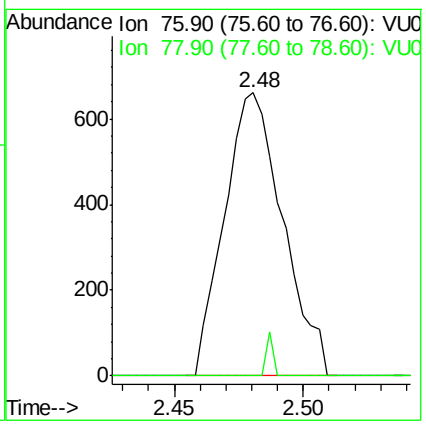


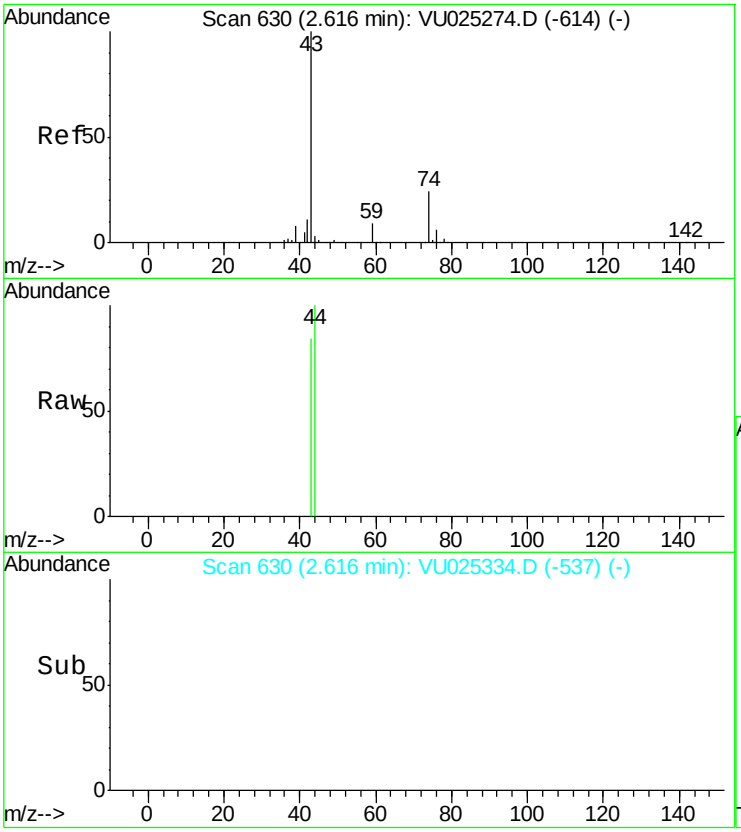


#17
Carbon Disulfide
Concen: 2.16 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 76 Resp: 1046

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#



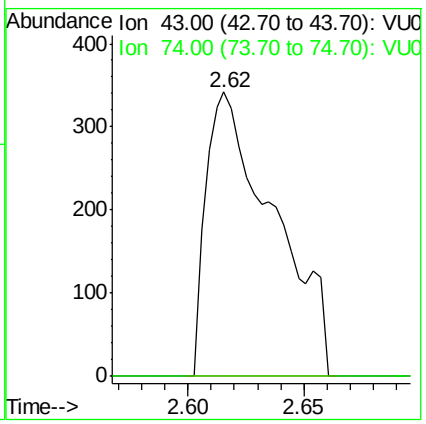


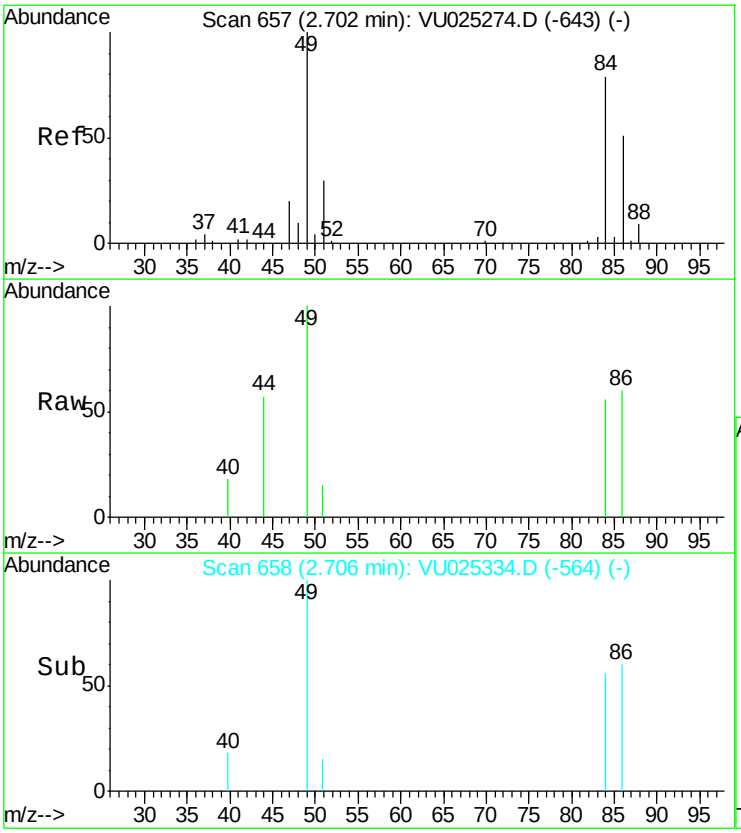
#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 43 Resp: 693

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.5	27.7#

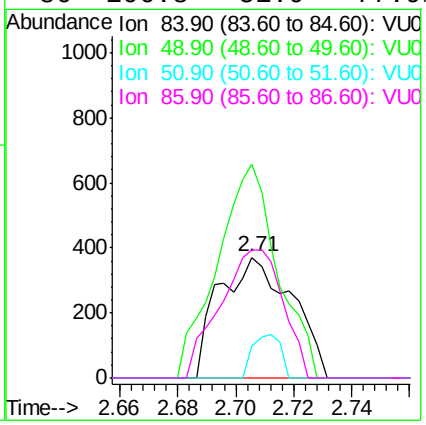


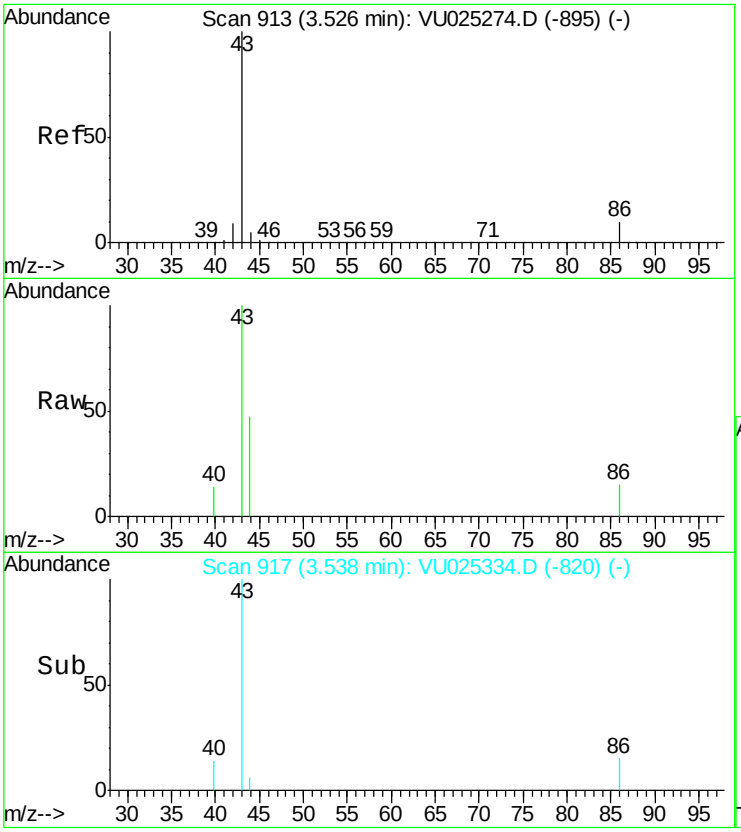


#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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#



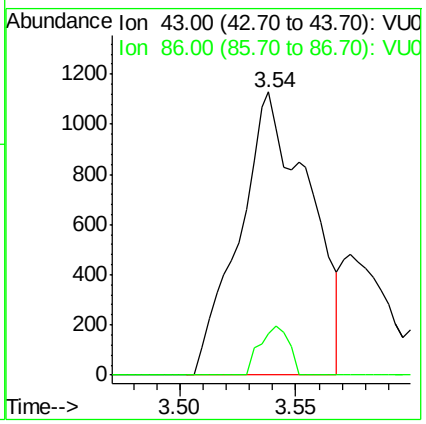


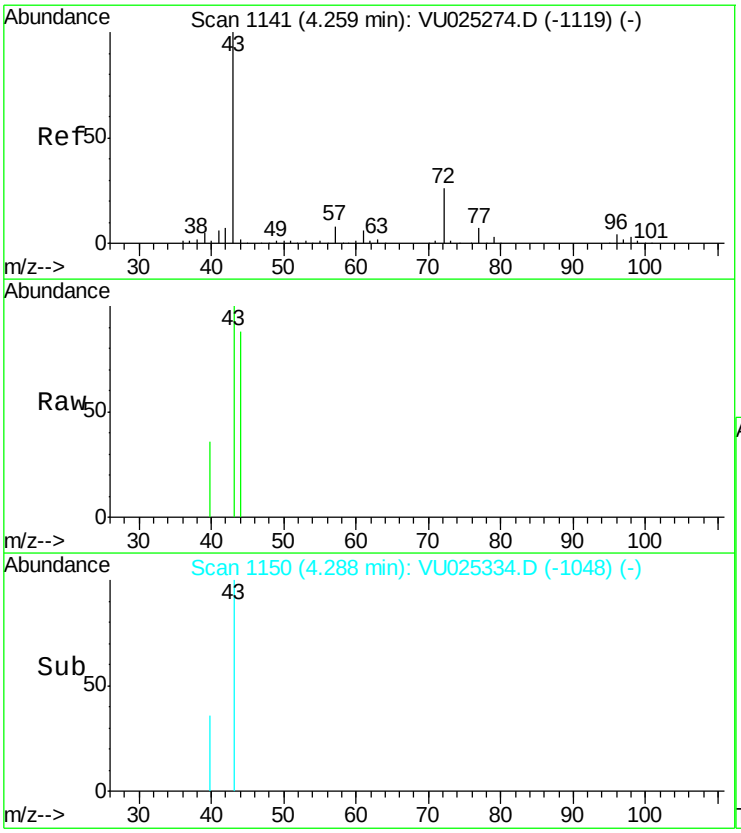
#23
Vinyl Acetate
Concen: 0.49 ug/l
RT: 3.54 min Scan# 917
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 43 Resp: 2369

Ion	Ratio	Lower	Upper
43	100		
86	14.8	8.2	12.2#

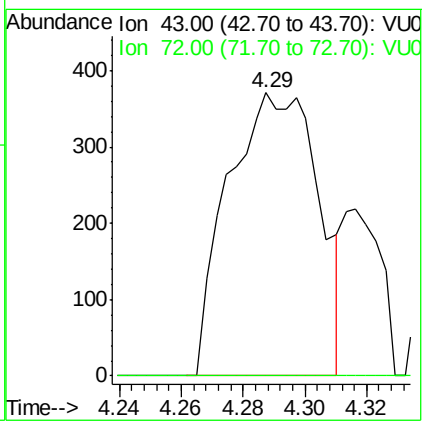


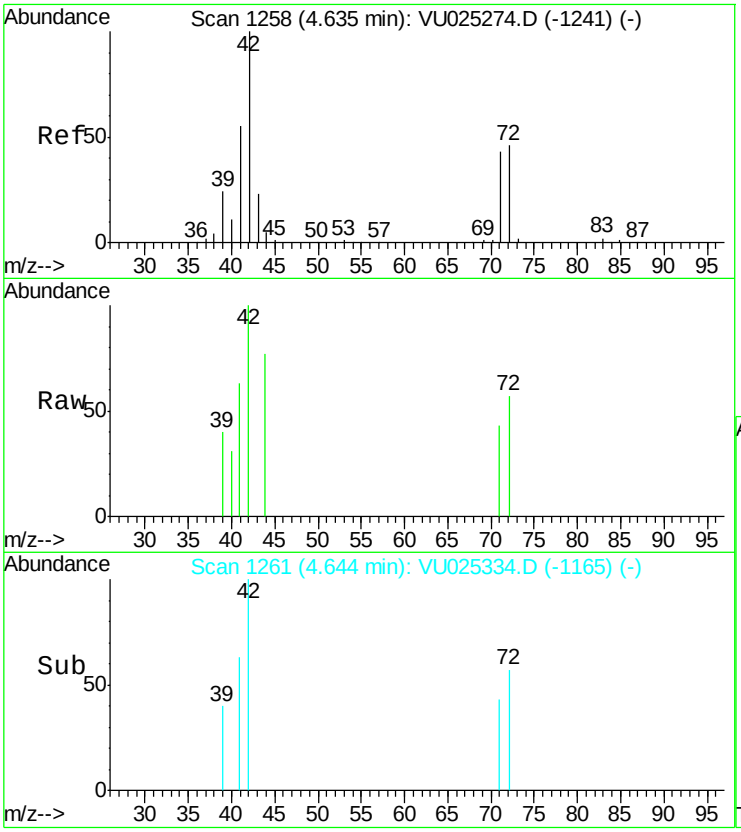


#25
2-Butanone
Concen: 0.47 ug/l
RT: 4.29 min Scan# 1150
Delta R.T. 0.03 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 43 Resp: 752

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



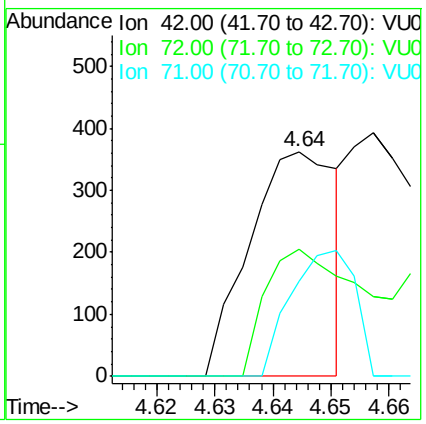


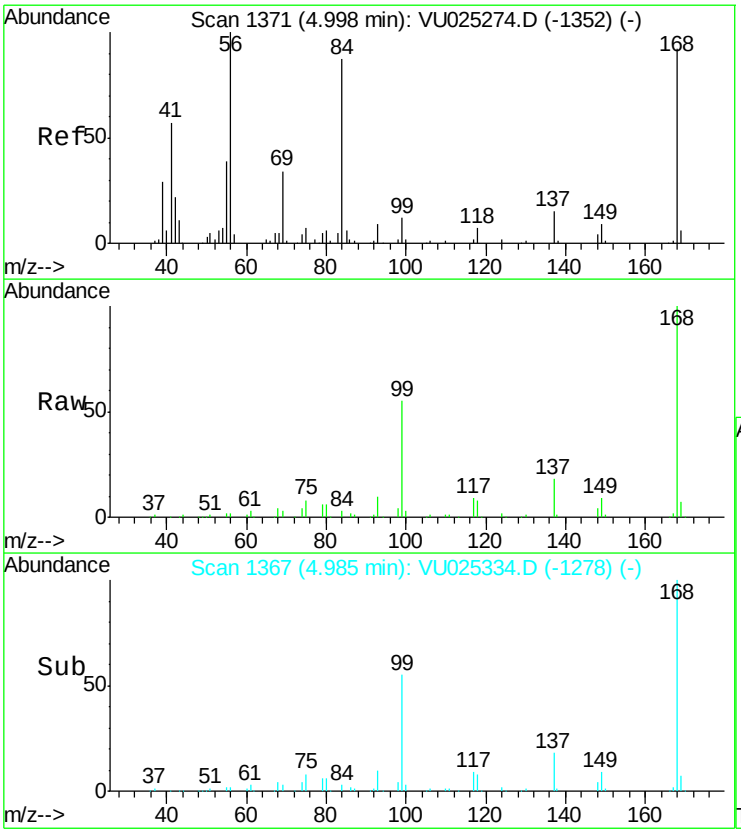
#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 42 Resp: 377

Ion	Ratio	Lower	Upper
42	100		
72	65.0	36.7	55.1#
71	41.6	33.9	50.9

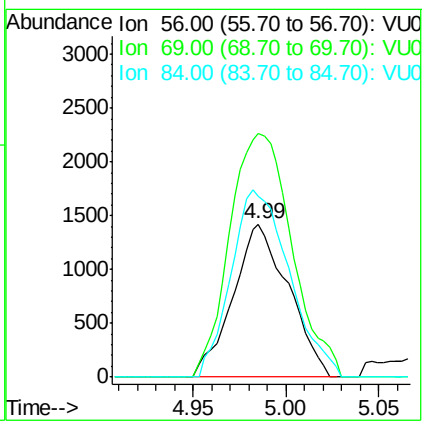


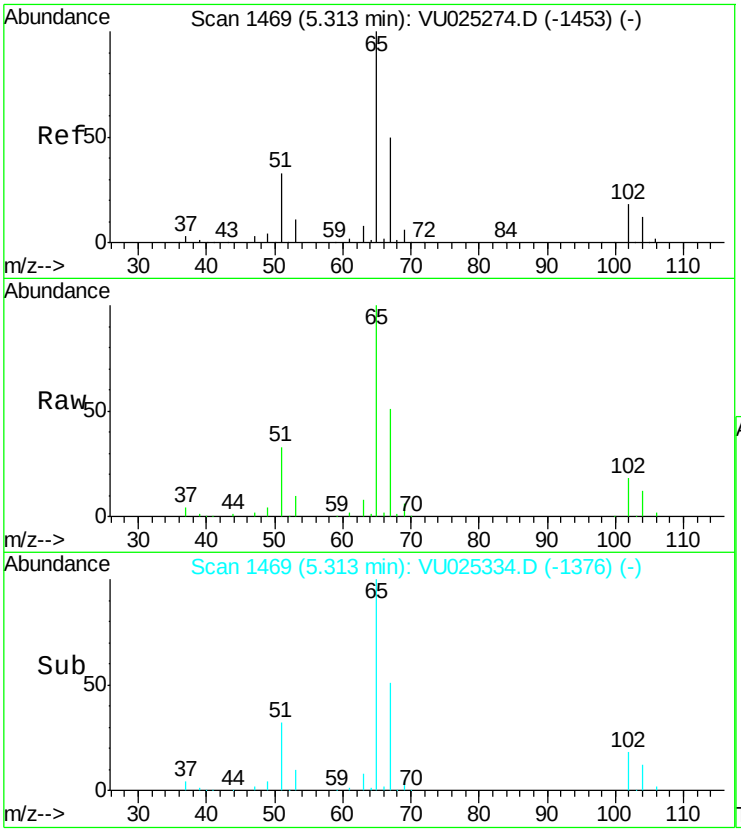


#31
Cyclohexane
Concen: 1.75 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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#



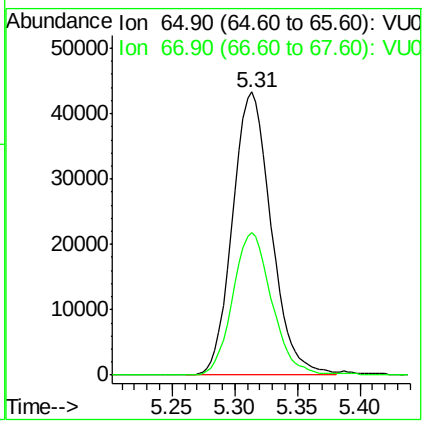


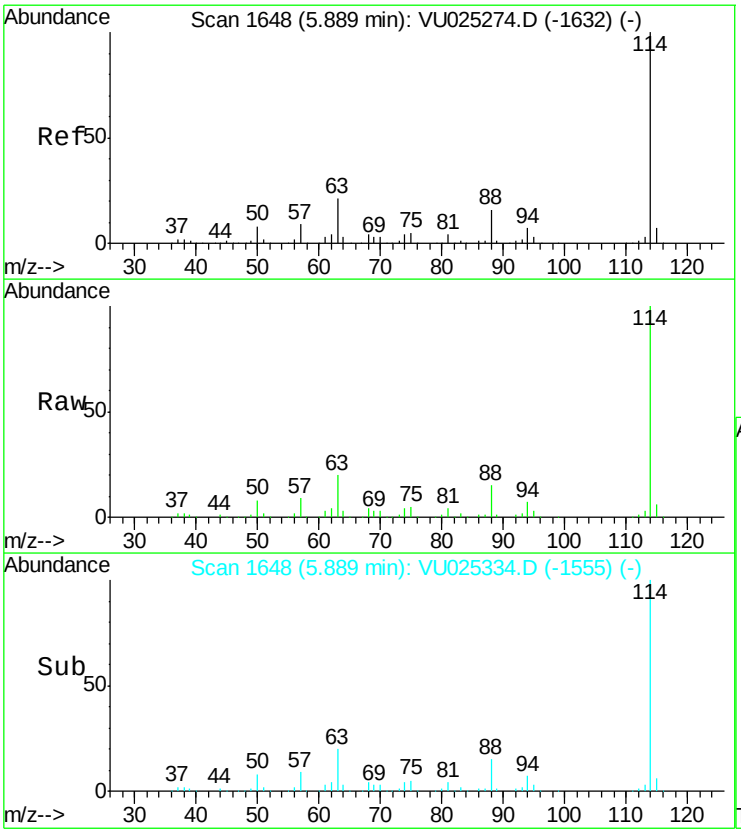
#33
1,2-Dichloroethane-d4
Concen: 40.66 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 65 Resp: 92977

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.6

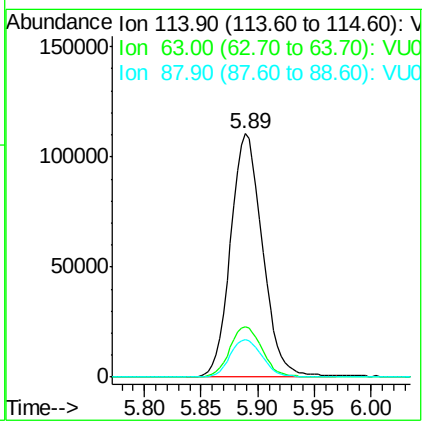


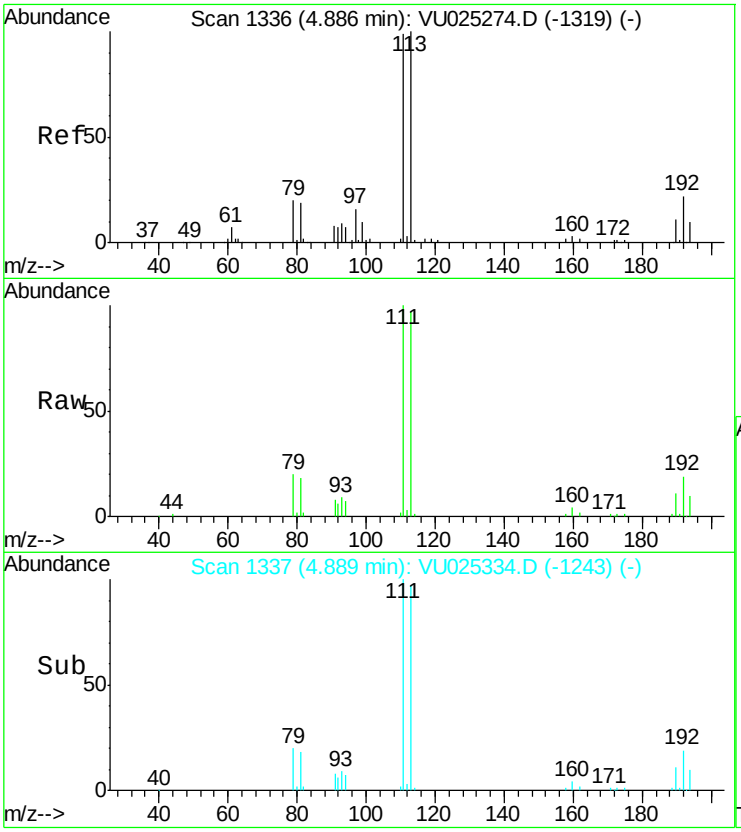


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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



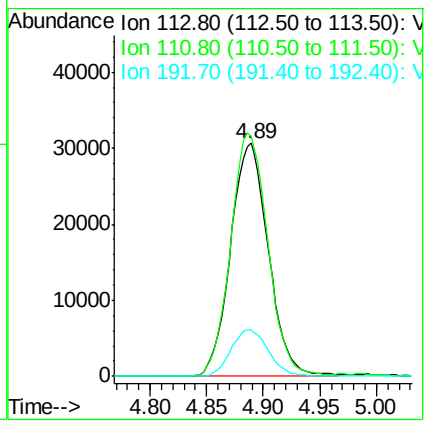


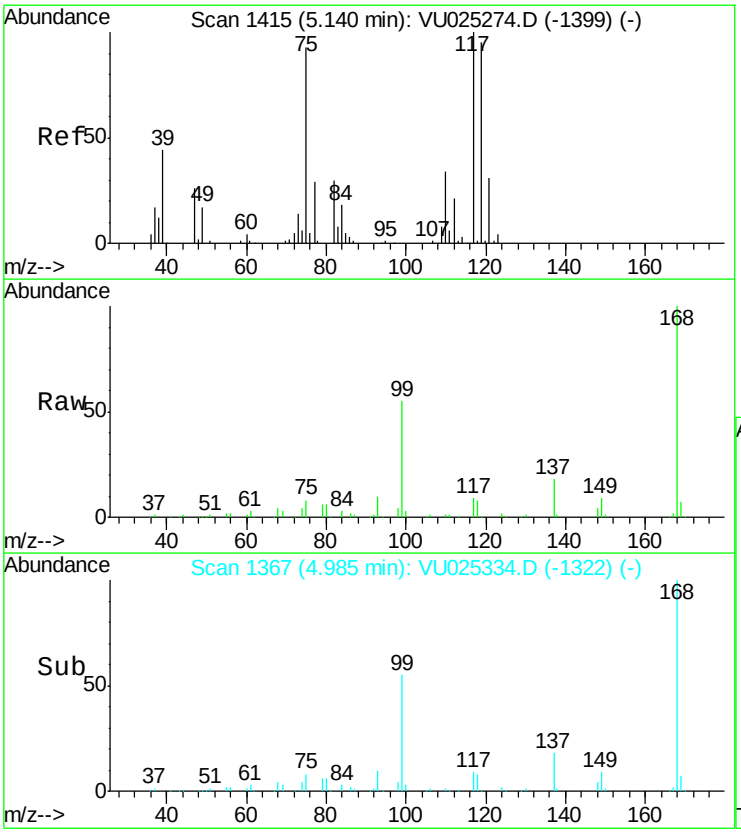
#35
Dibromofluoromethane
Concen: 38.76 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:113 Resp: 71354

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	19.7	17.1	25.7

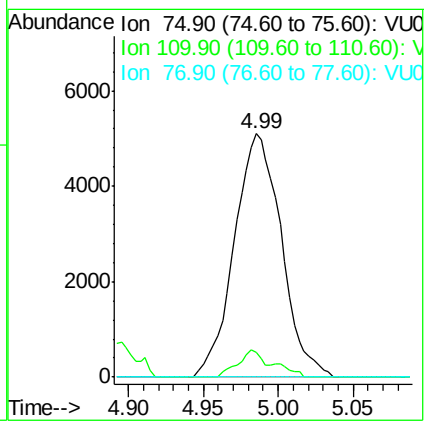


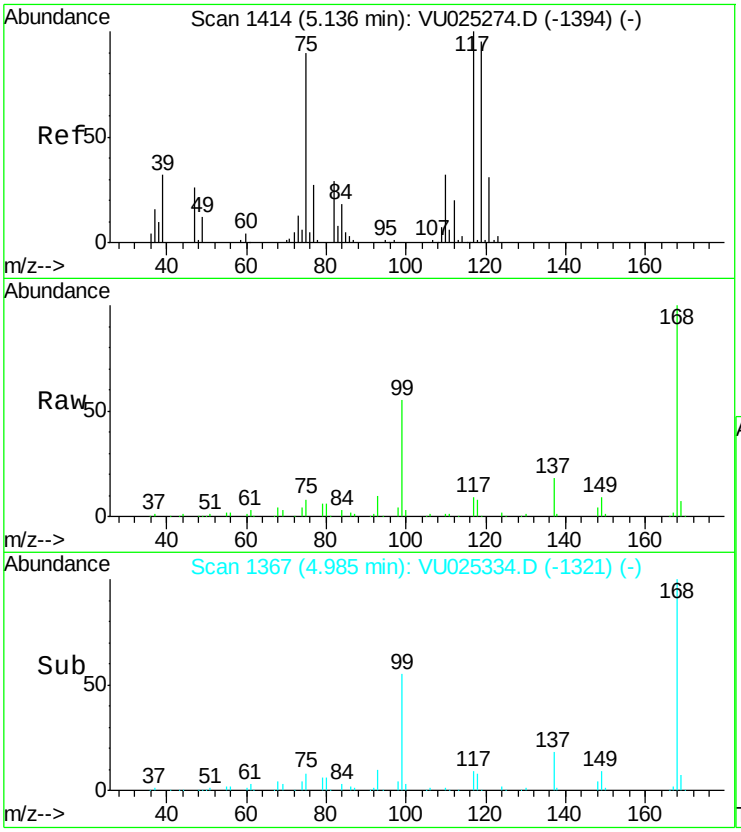


#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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#



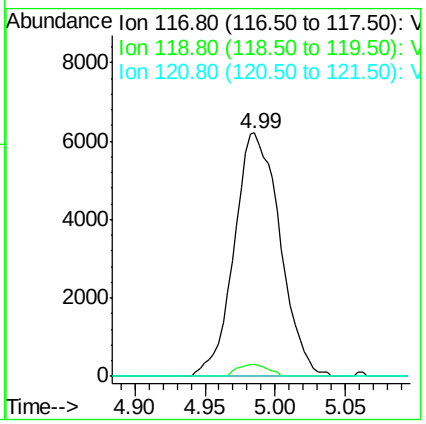


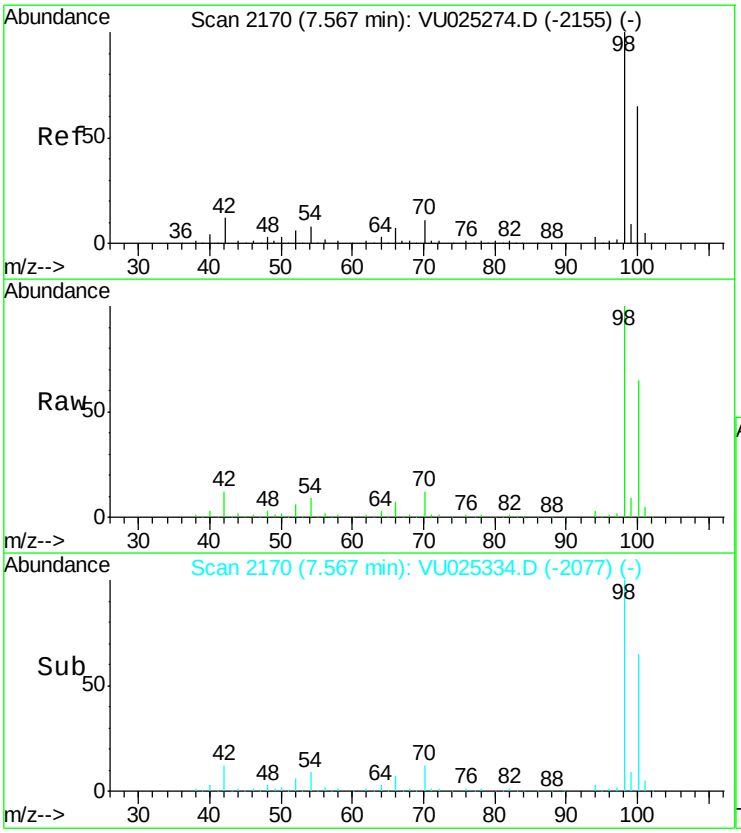
#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:117 Resp: 14114

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.7	113.5#
121	0.0	24.6	36.8#

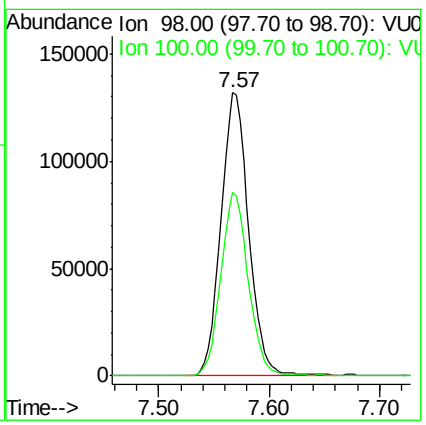


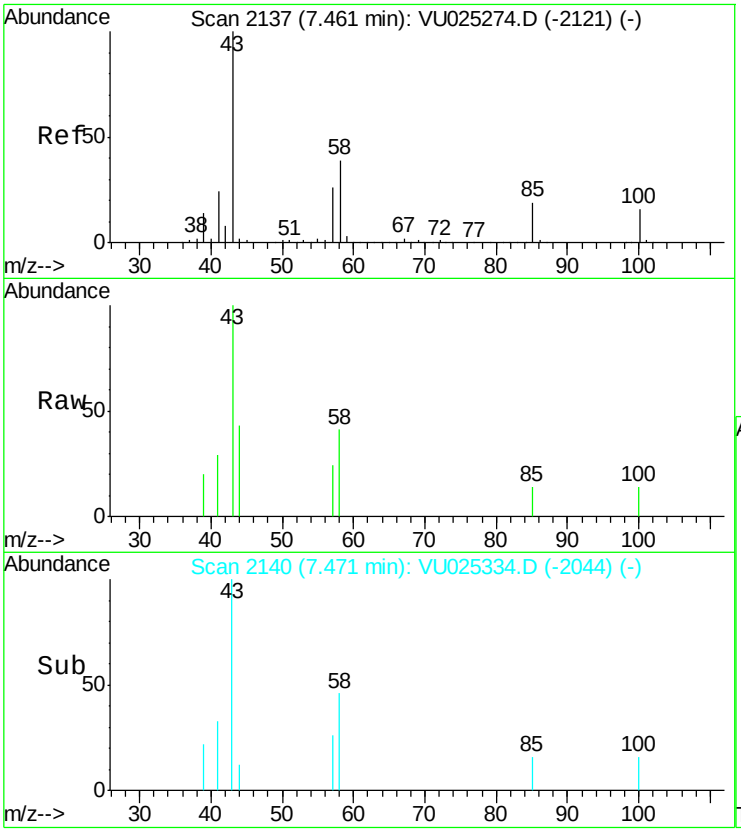


#50
Toluene-d8
Concen: 36.60 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 98 Resp: 230725

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7



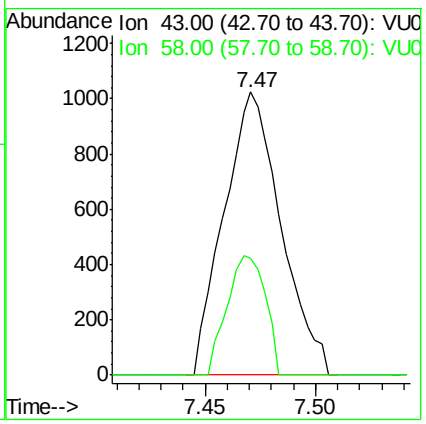


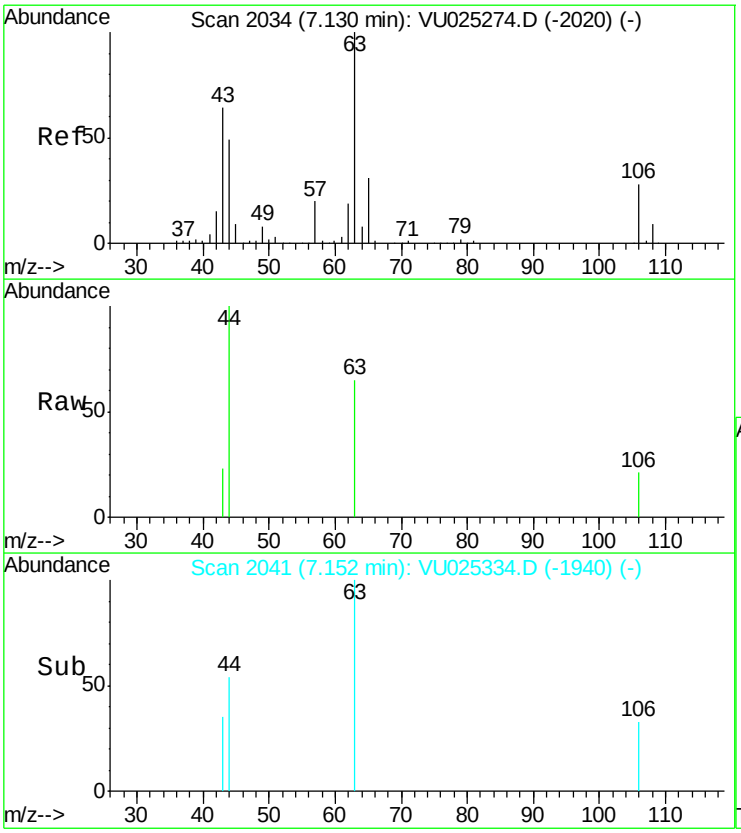
#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 7.47 min Scan# 2140
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 43 Resp: 1836

Ion	Ratio	Lower	Upper
43	100		
58	28.4	31.0	46.4#

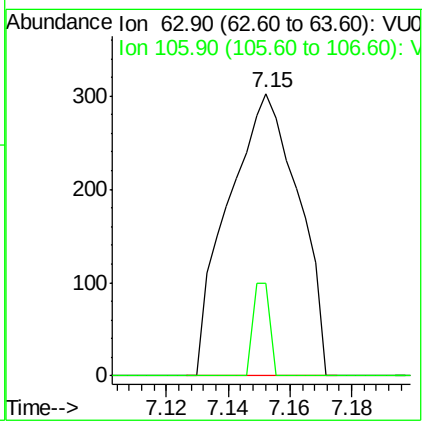


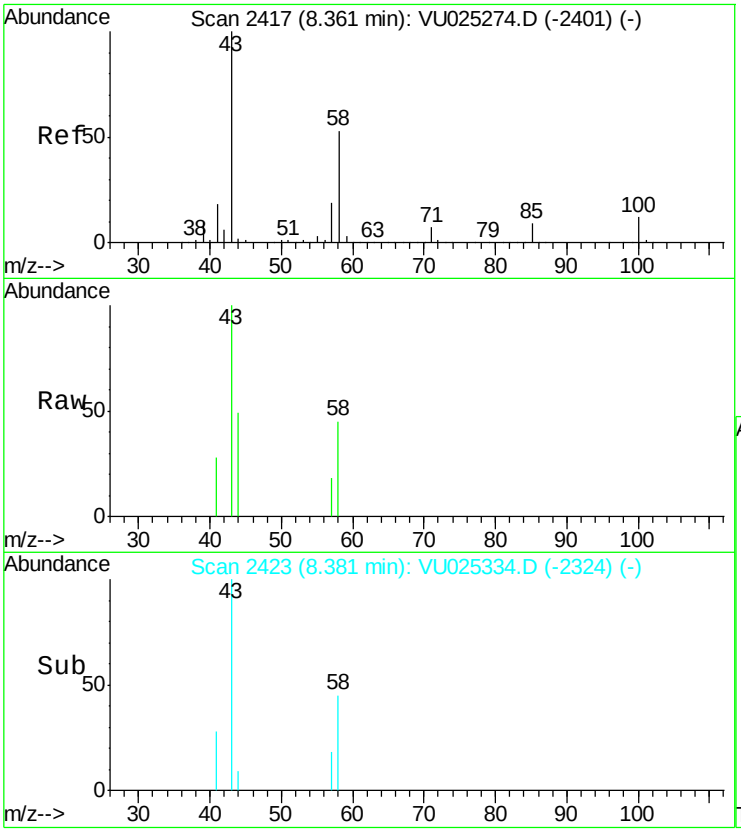


#58
2-Chloroethyl Vinyl ether
Concen: 11.47 ug/l
RT: 7.15 min Scan# 2041
Delta R.T. 0.02 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 63 Resp: 477

Ion	Ratio	Lower	Upper
63	100		
106	8.2	22.3	33.5#



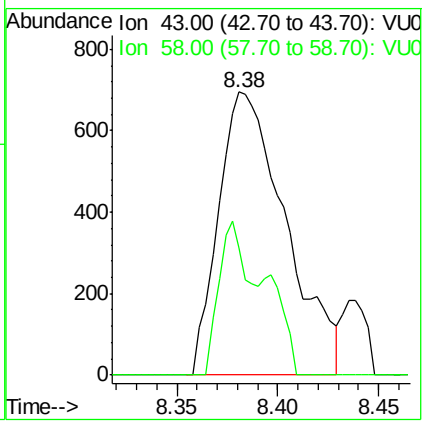


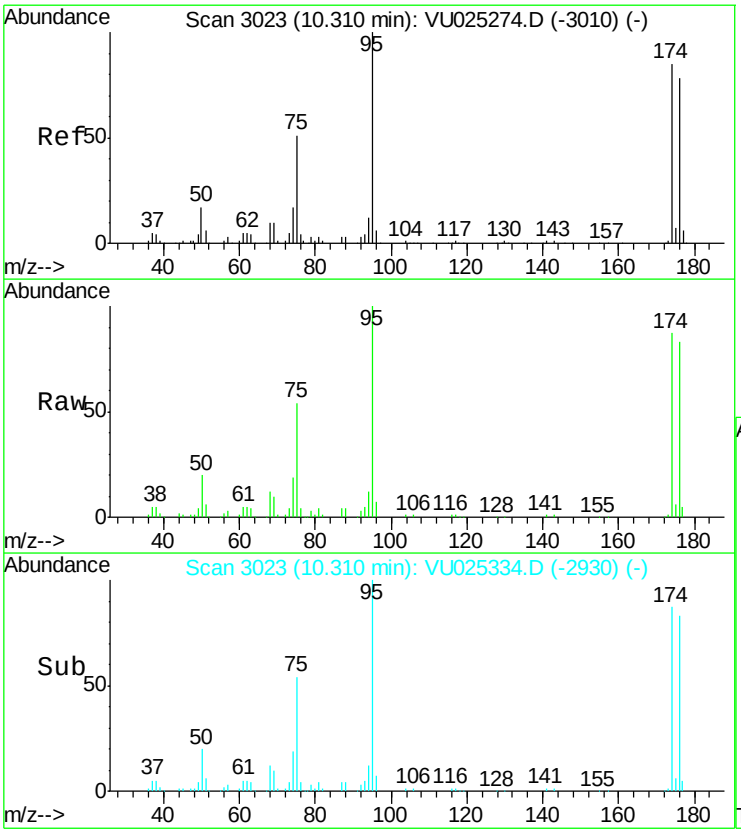
#59
2-Hexanone
Concen: 0.71 ug/l
RT: 8.38 min Scan# 2423
Delta R.T. 0.02 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 43 Resp: 1612

Ion	Ratio	Lower	Upper
43	100		
58	25.1	26.2	78.5#

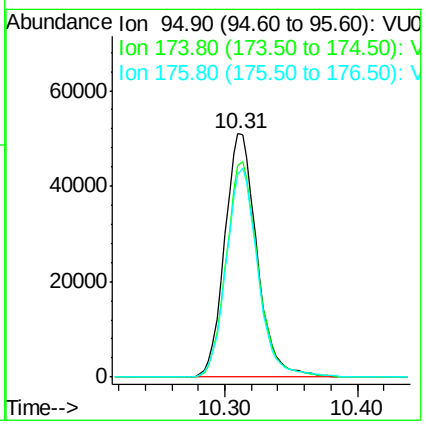


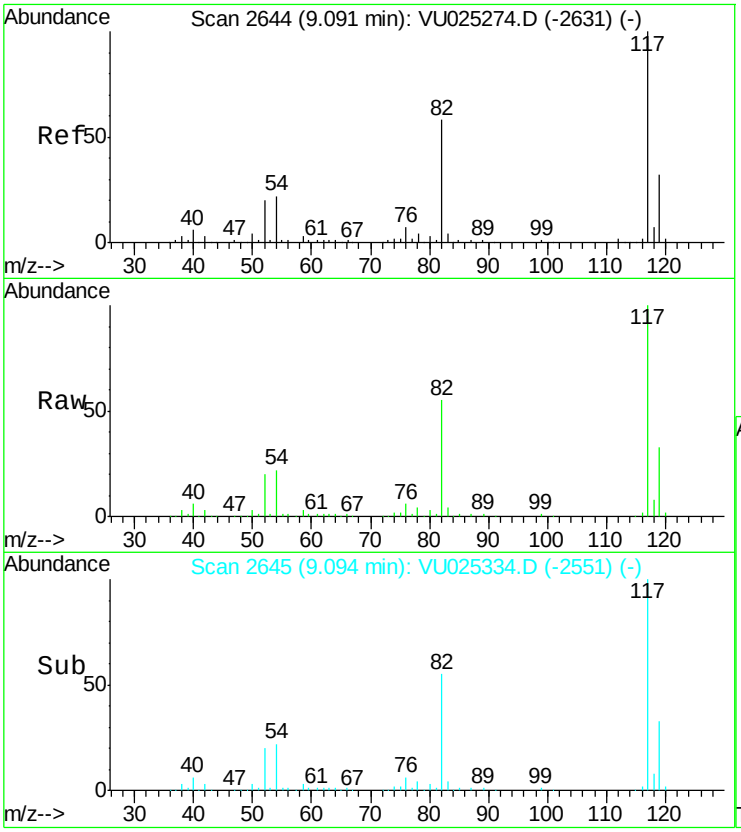


#62
4-Bromofluorobenzene
Concen: 33.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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



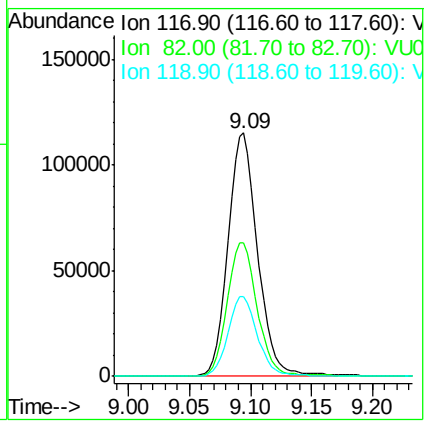


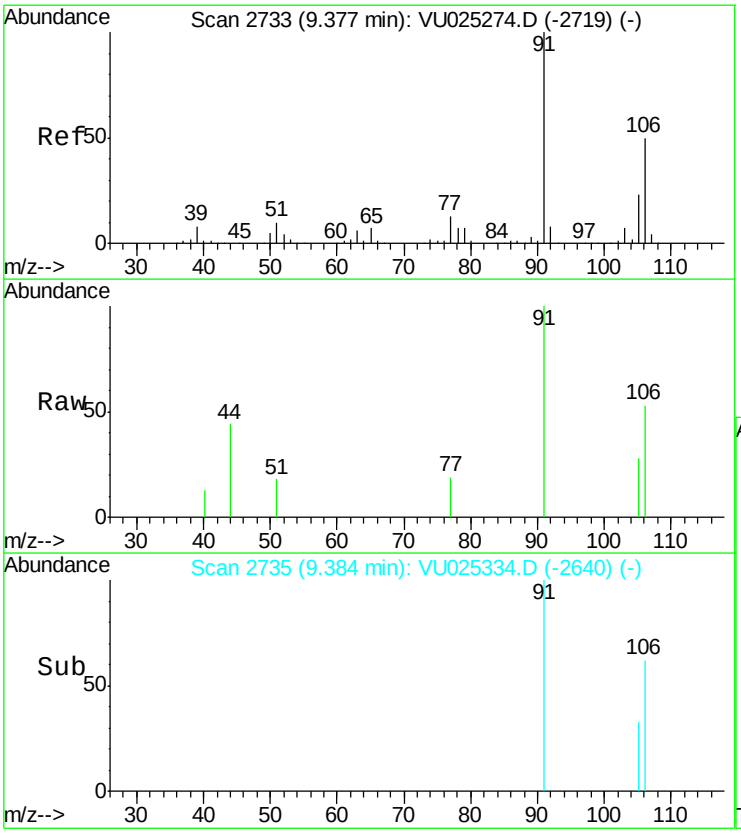
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:117 Resp: 195339

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.0	69.0
119	32.7	26.0	39.0

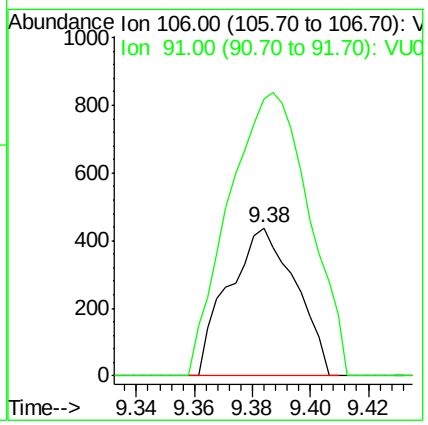


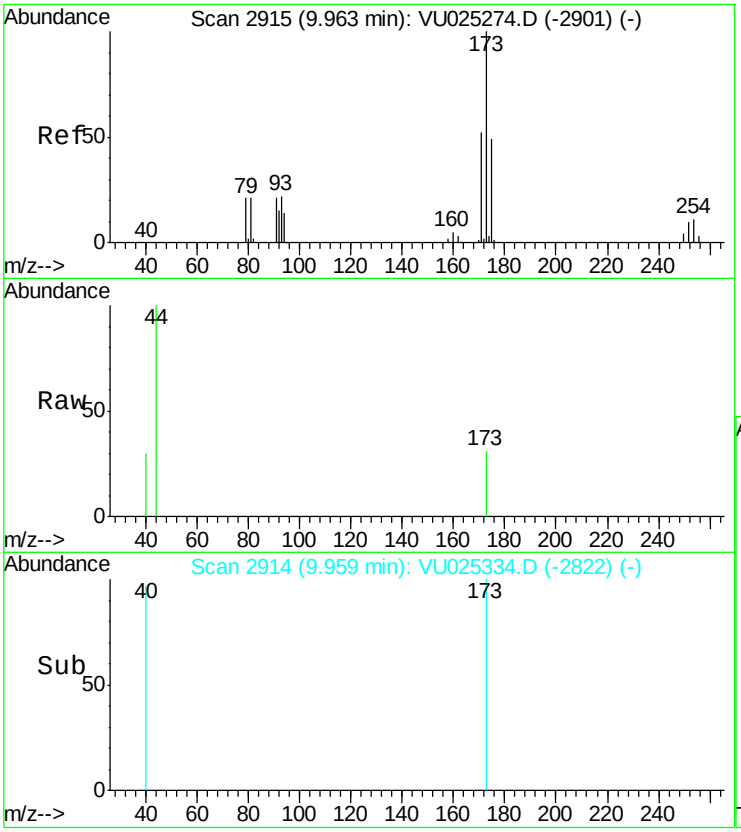


#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion:106 Resp: 704

Ion	Ratio	Lower	Upper
106	100		
91	228.4	162.3	243.5



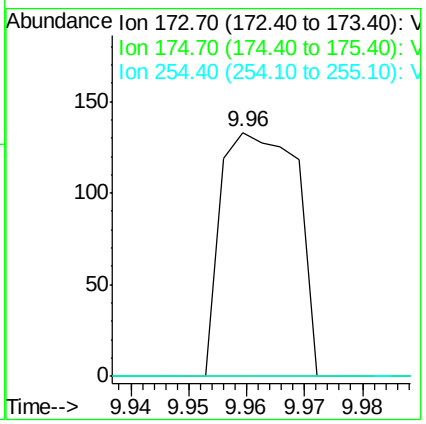


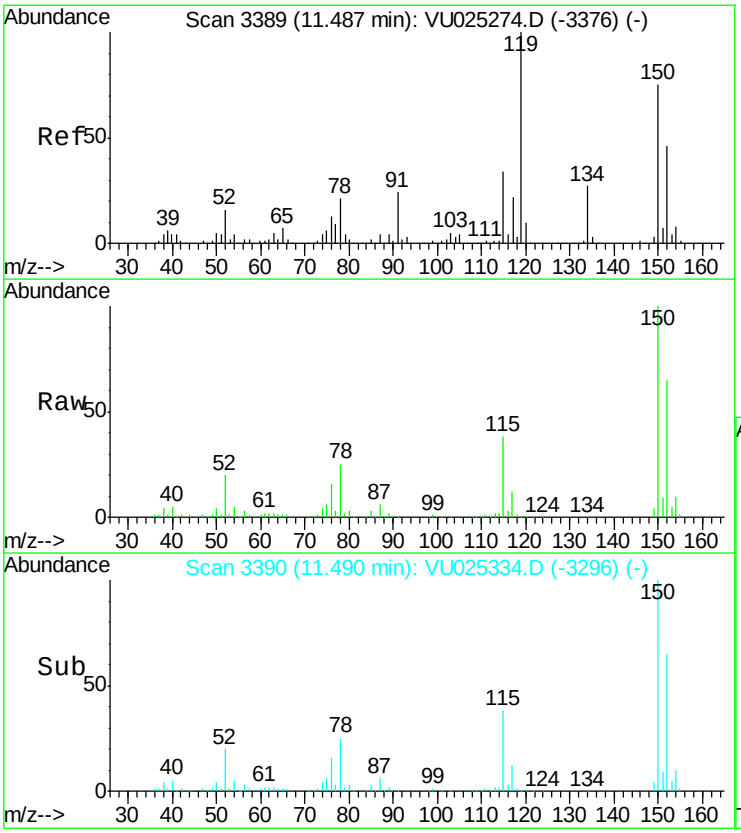
#71
Bromoform
Concen: 4.66 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:173 Resp: 120

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.0	72.0#
254	0.0	0.0	0.0

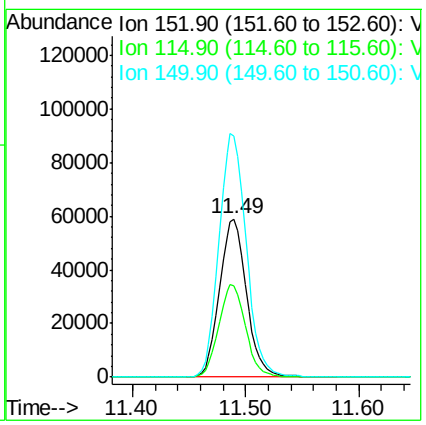


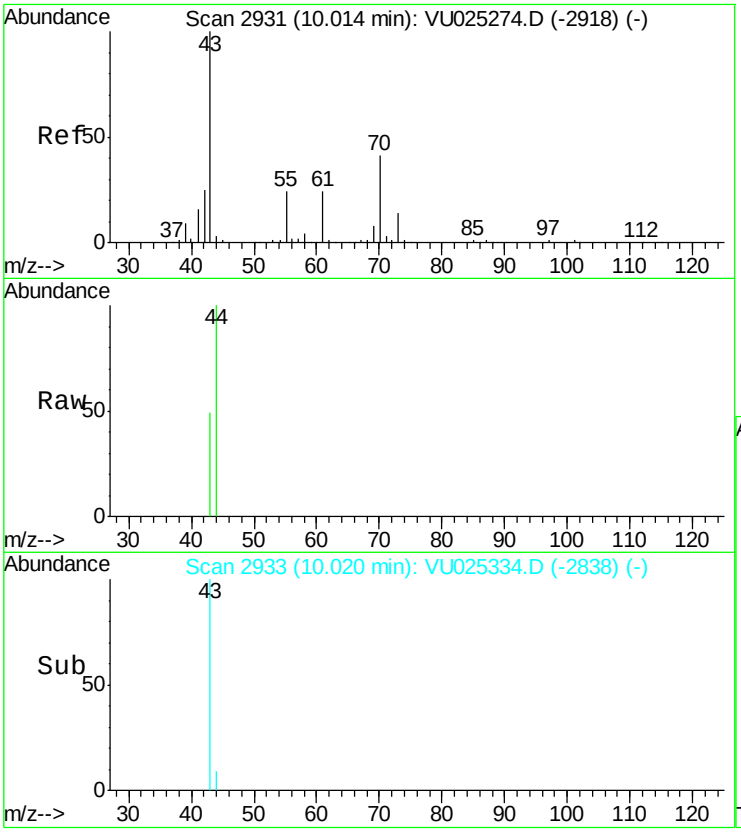


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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



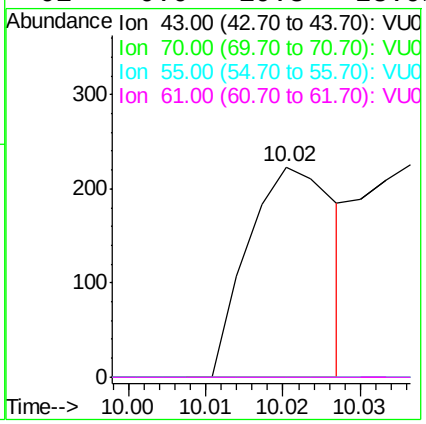


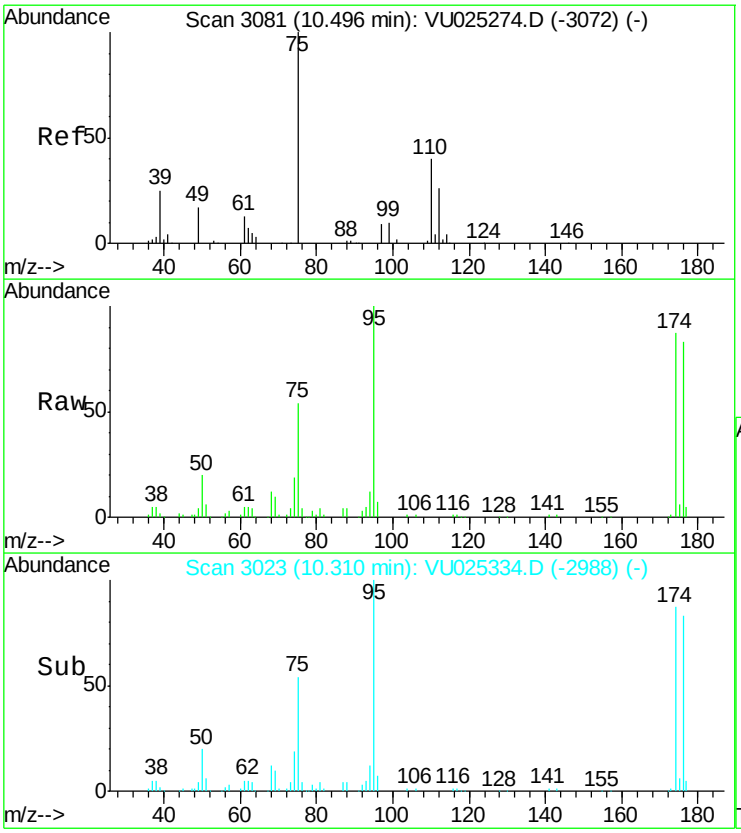
#74
N-amyl acetate
Concen: 1.32 ug/l
RT: 10.02 min Scan# 2933
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt 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#

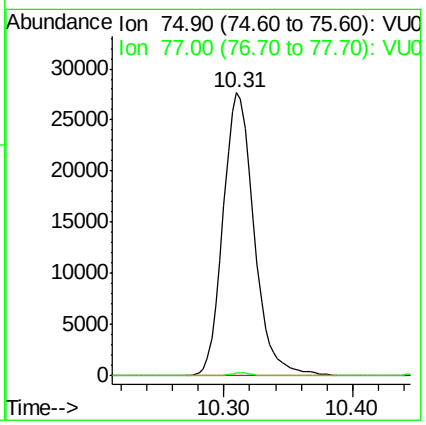


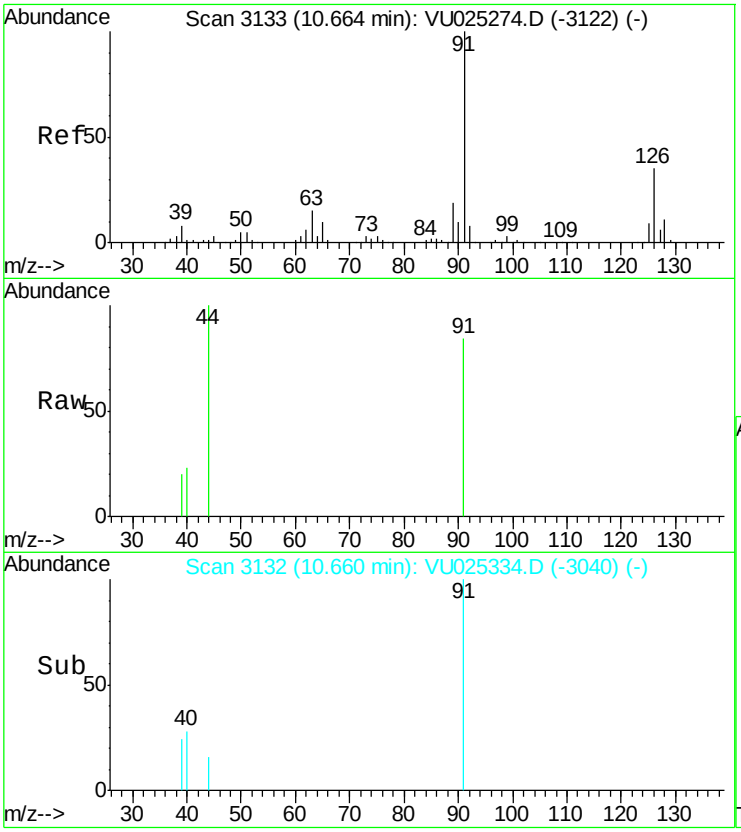


#76
1,2,3-Trichloropropane
Concen: 23.22 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

Tgt Ion: 75 Resp: 46248

Ion	Ratio	Lower	Upper
75	100		
77	0.7	20.4	61.3#



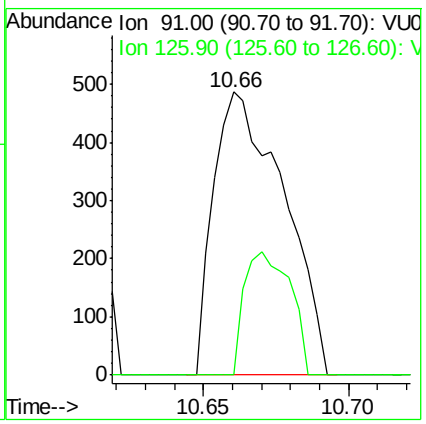


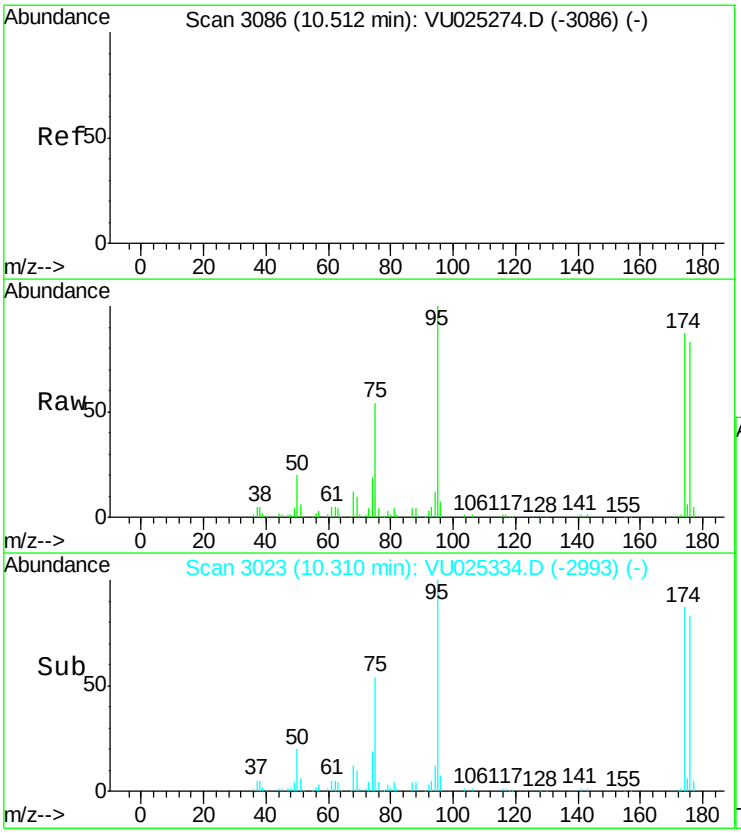
#79
2-Chlorotoluene
Concen: 0.32 ug/l
RT: 10.66 min Scan# 3132
Delta R.T. -0.00 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion: 91 Resp: 820

Ion	Ratio	Lower	Upper
91	100		
126	28.3	17.5	52.6

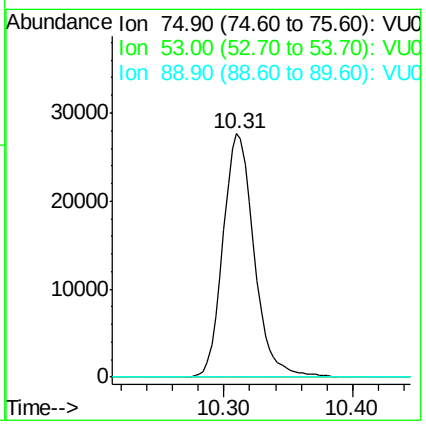


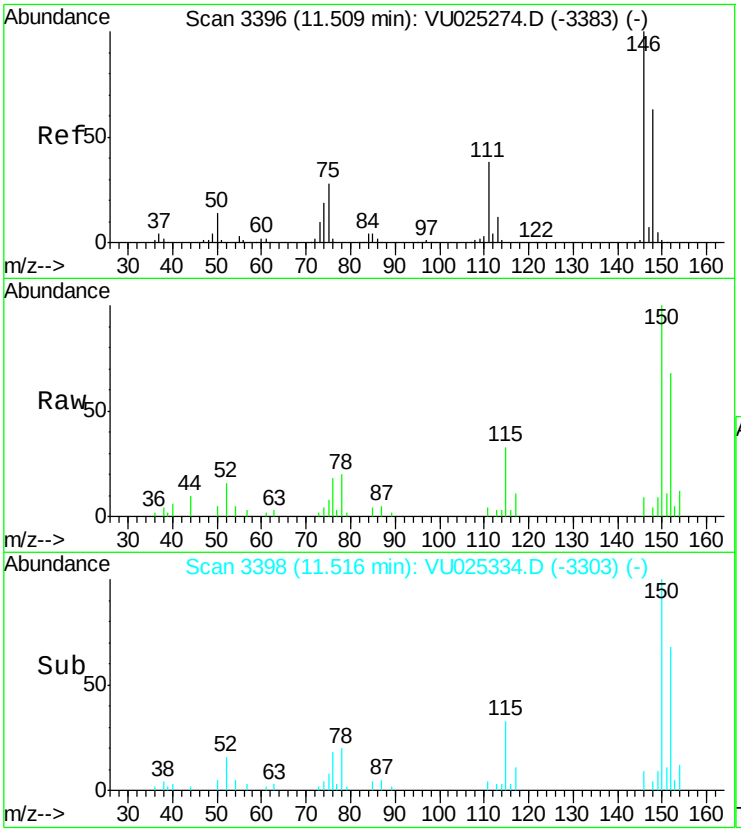


#81
trans-1,4-Dichloro-2-butene
Concen: 58.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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



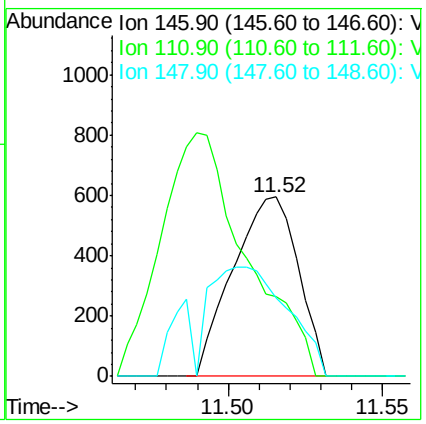


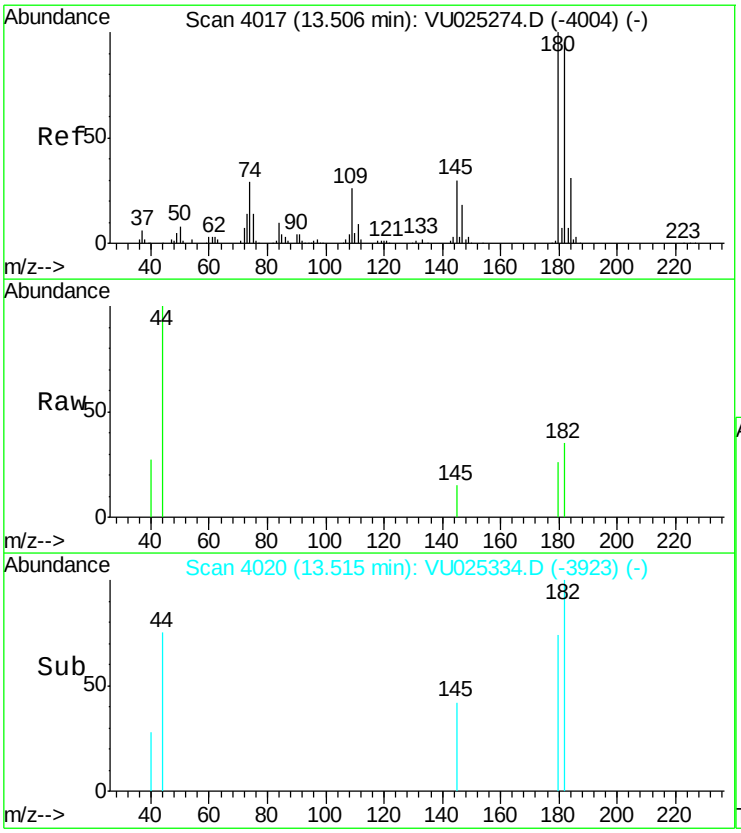
#88
1,4-Dichlorobenzene
Concen: 1.73 ug/l
RT: 11.52 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt Ion:146 Resp: 875

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.1#
148	72.7	31.7	95.1

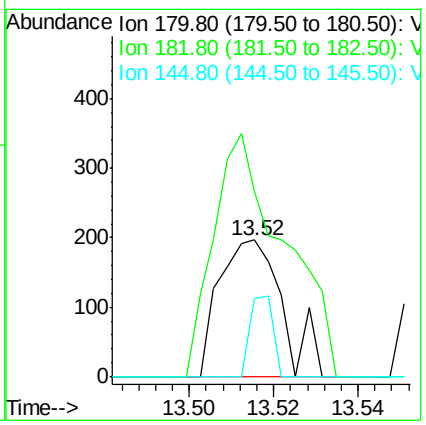


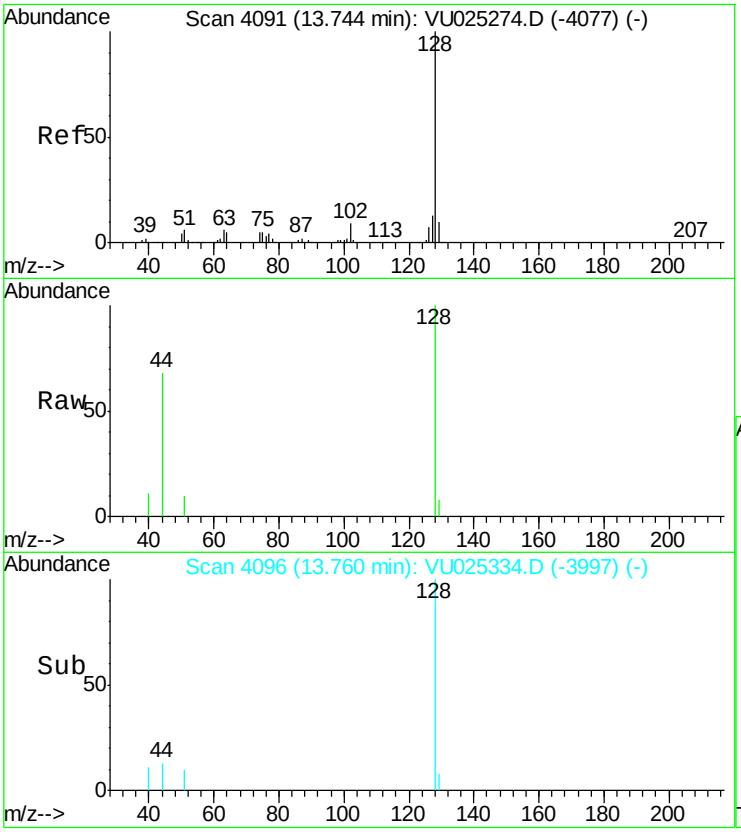


#93
1,2,4-Trichlorobenzene
Concen: 3.36 ug/l
RT: 13.52 min Scan# 4020
Delta R.T. 0.01 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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



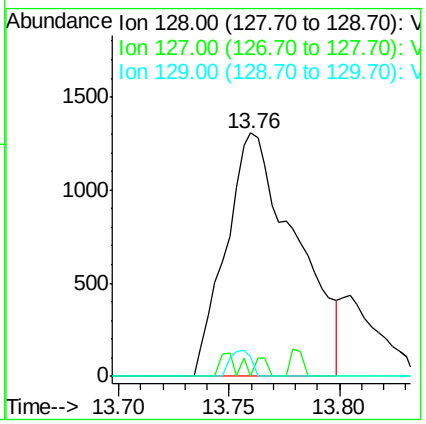


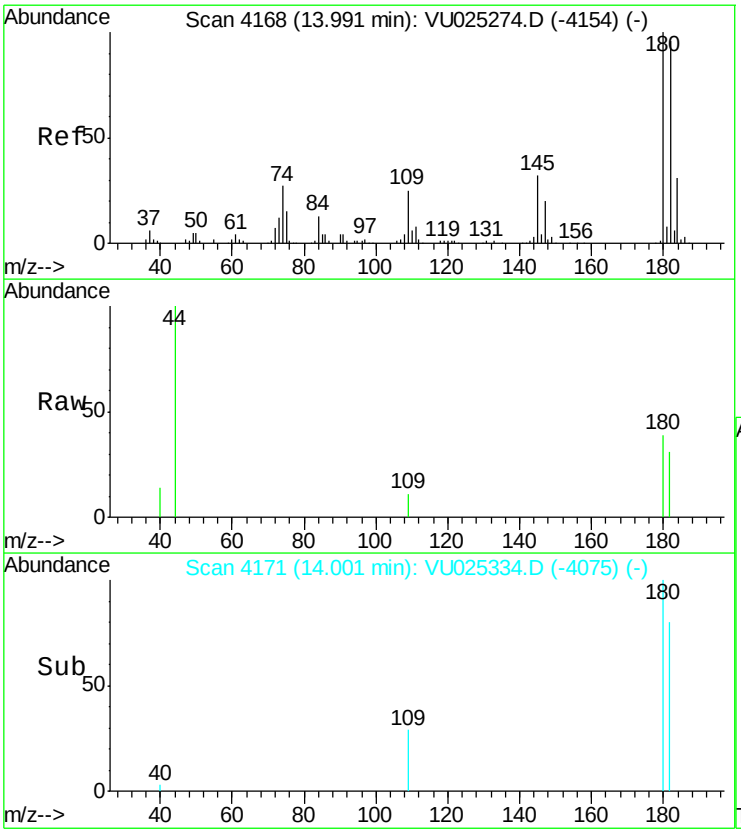
#95
Naphthalene
Concen: 2.79 ug/l
RT: 13.76 min Scan# 4096
Delta R.T. 0.02 min
Lab File: VU025334.D
Acq: 12 Jul 2018 12:42

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

Tgt 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#