Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071318\
Data File : VN049790.D
Acq On : 13 Jul 2018 12:14
Operator : MD\SY
Sample : J3762-07 LOD/MDL 0.2ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 13 23:45:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	681398	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1034889	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	876338	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305473	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	321101	40.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.02%				
35) Dibromofluoromethane	7.59	113	307050	39.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.72%				
50) Toluene-d8	10.09	98	857978	32.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 64.26%				
62) 4-Bromofluorobenzene	12.40	95	242506	25.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 50.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	424	Below Cal		#	44
3) Chloromethane	2.06	50	2857	Below Cal			95
4) Vinyl Chloride	2.19	62	698	Below Cal		#	73
5) Bromomethane	2.57	94	3726	Below Cal		#	73
13) Acrolein	3.60	56	679	1.46	ug/l	#	52
16) Acetone	3.82	43	3739	Below Cal		#	85
18) Methyl Acetate	4.34	43	10660	0.89	ug/l	#	70
20) Methylene Chloride	4.54	84	1417	Below Cal		#	78
25) 2-Butanone	6.84	43	794	0.26	ug/l	#	71
29) Tetrahydrofuran	7.22	42	1561	0.80	ug/l	#	41
31) Cyclohexane	7.67	56	13010	0.80	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	46034	3.86	ug/l	#	50
38) Carbon Tetrachloride	7.66	117	61694	4.95	ug/l	#	17
43) Isopropyl Acetate	8.27	43	25775	2.03	ug/l	#	62
49) 1,4-Dioxane	9.21	88	29	0.35	ug/l	#	1
55) 1,1,2-Trichloroethane	10.57	97	679	Below Cal		#	33
58) 2-Chloroethyl Vinyl ether	9.70	63	1352	0.29	ug/l	#	73
59) 2-Hexanone	10.76	43	1222	0.27	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	330	Below Cal		#	33
76) 1,2,3-Trichloropropane	12.40	75	117031	21.57	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	117031	69.64	ug/l	#	13
90) Hexachloroethane	13.88	117	319	Below Cal		#	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	342	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.90	180	867	3.02	ug/l	#	76
94) Hexachlorobutadiene	15.02	225	355	Below Cal			77
95) Naphthalene	15.13	128	730	4.07	ug/l	#	85

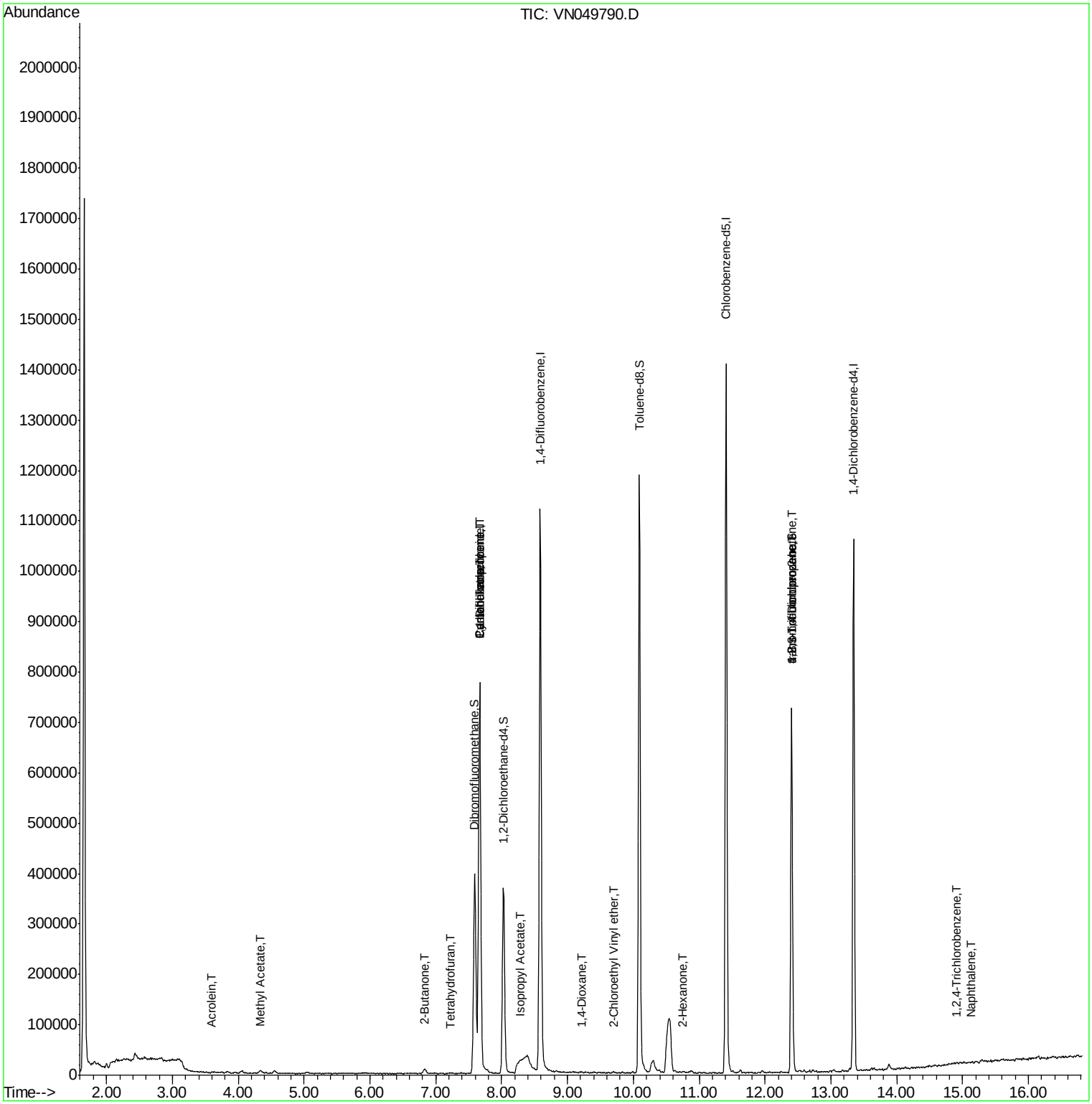
(#) = qualifier out of range (m) = manual integration (+) = signals summed

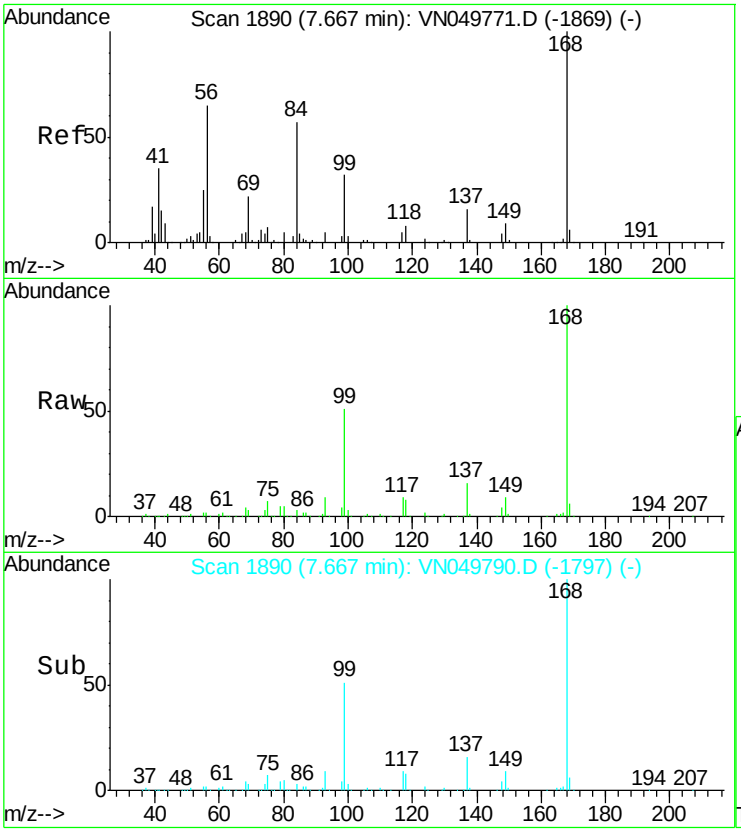
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071318\
Data File : VN049790.D
Acq On : 13 Jul 2018 12:14
Operator : MD\SY
Sample : J3762-07 LOD/MDL 0.2ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 13 23:45:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration



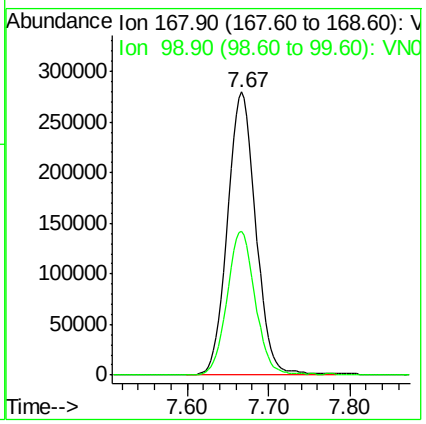


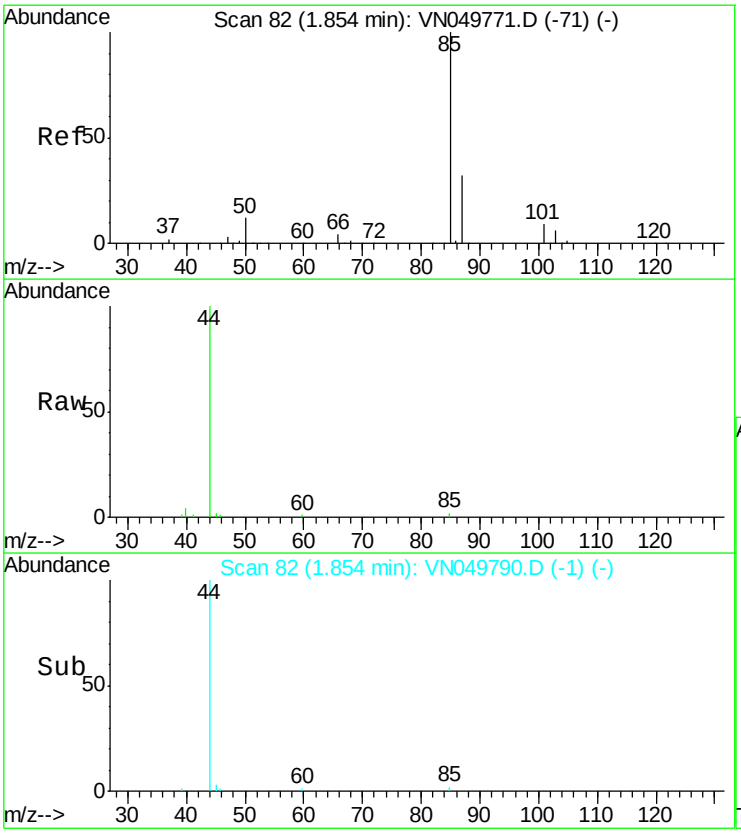
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion:168 Resp: 681398

Ion	Ratio	Lower	Upper
168	100		
99	50.8	40.6	61.0

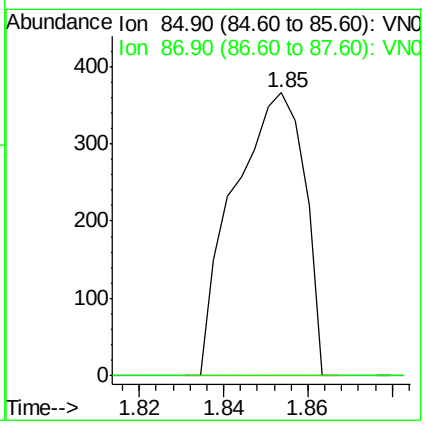


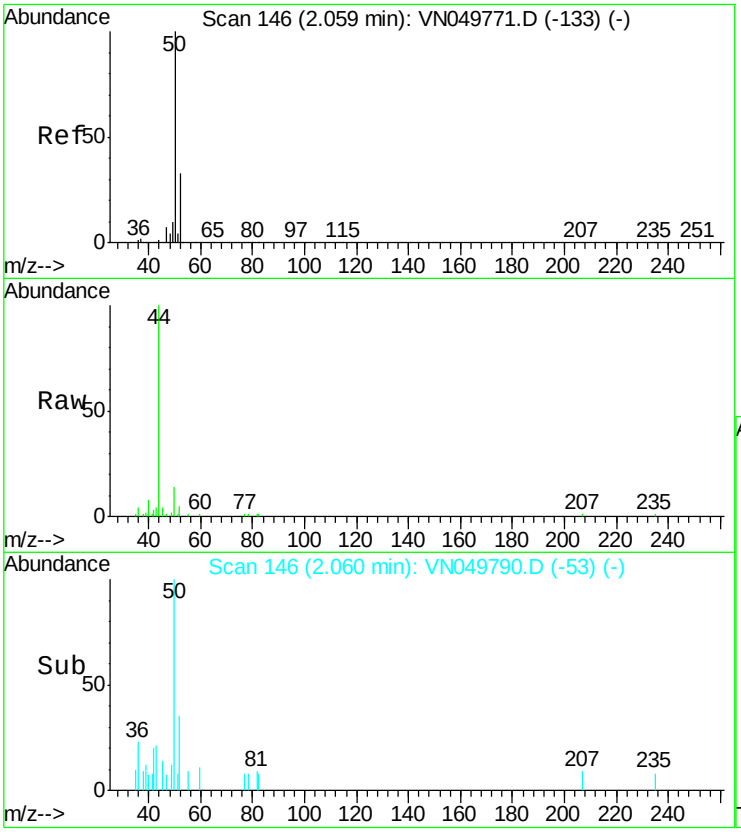


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.85 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 85 Resp: 424

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.4	46.1#



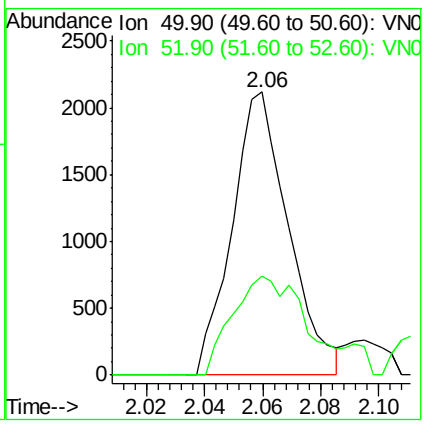


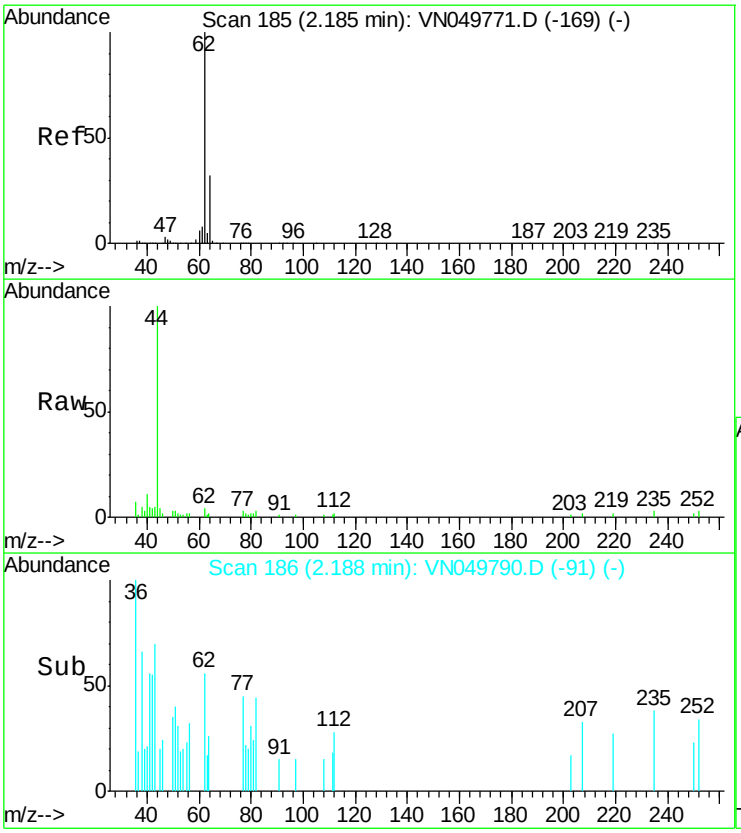
#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 50 Resp: 2857

Ion	Ratio	Lower	Upper
50	100		
52	35.2	26.1	39.1

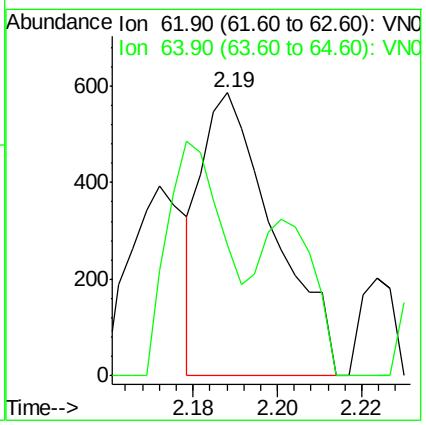


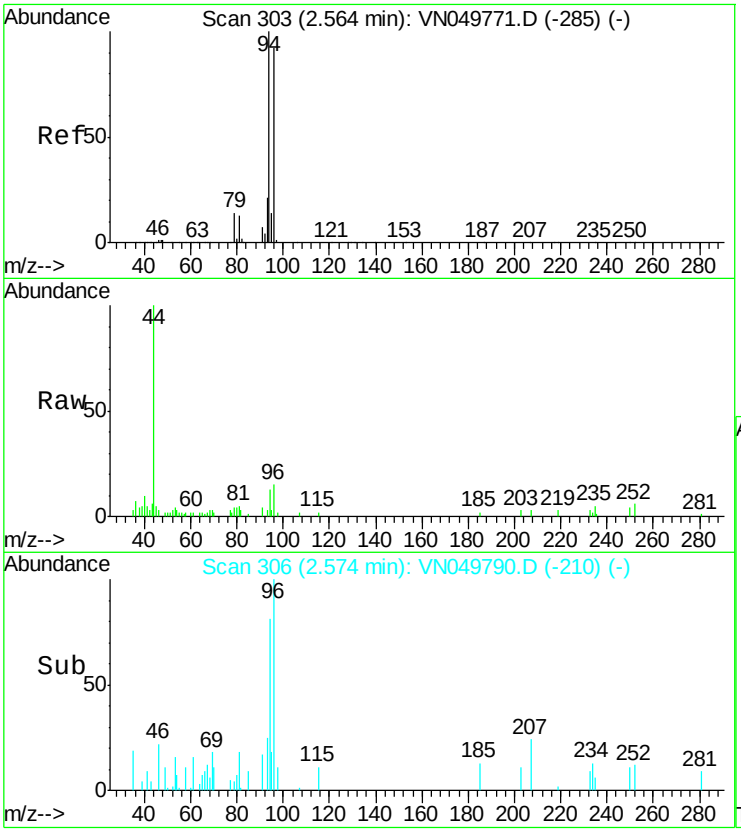


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.19 min Scan# 186
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 62 Resp: 698

Ion	Ratio	Lower	Upper
62	100		
64	46.4	25.4	38.0#



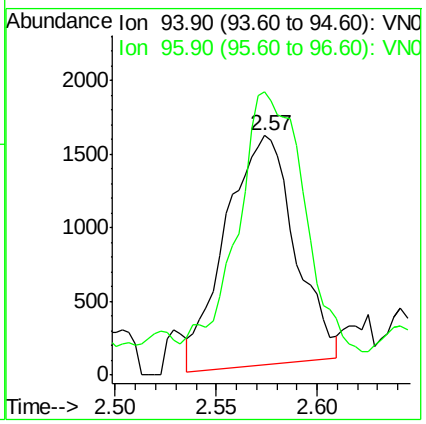


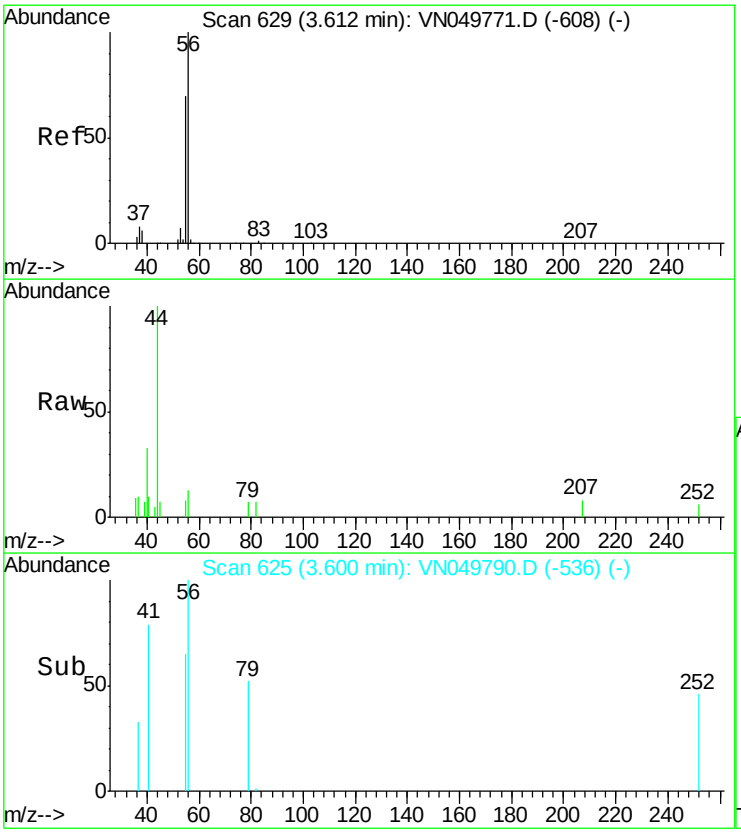
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 306
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 94 Resp: 3726

Ion	Ratio	Lower	Upper
94	100		
96	120.3	75.7	113.5#

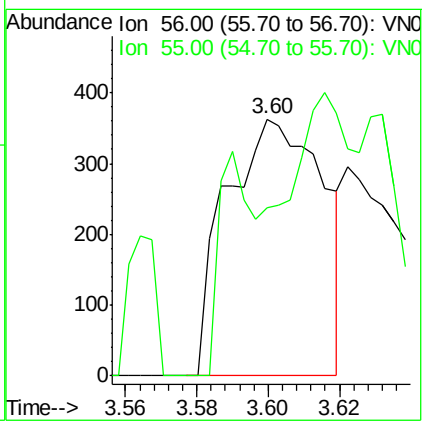


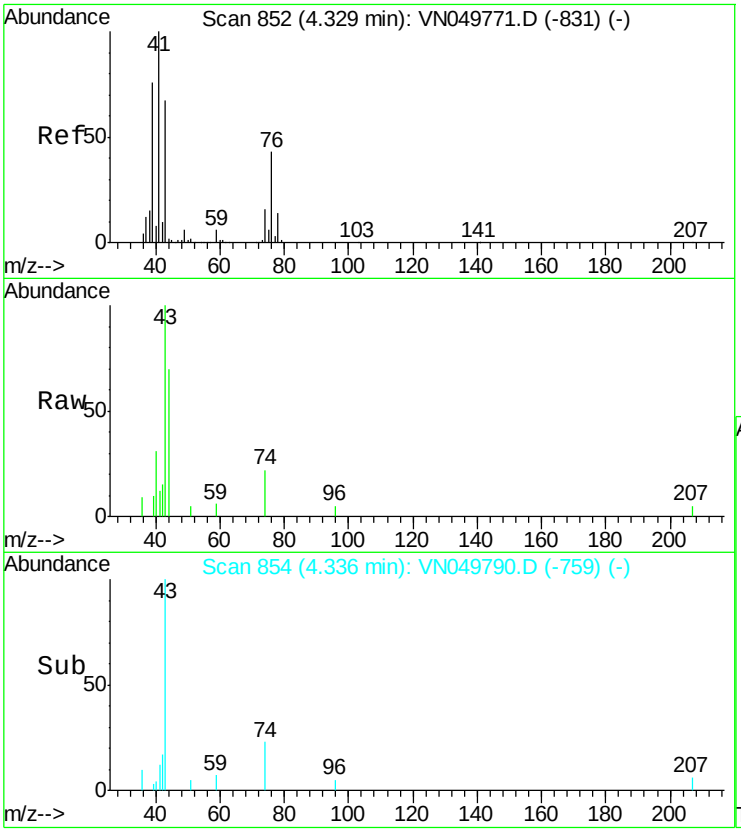


#13
Acrolein
Concen: 1.46 ug/l
RT: 3.60 min Scan# 625
Delta R.T. -0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 56 Resp: 679

Ion	Ratio	Lower	Upper
56	100		
55	30.2	55.8	83.8#



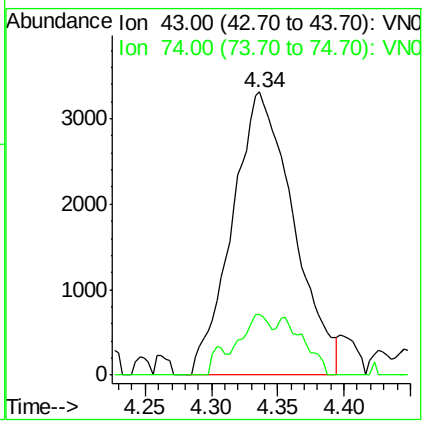


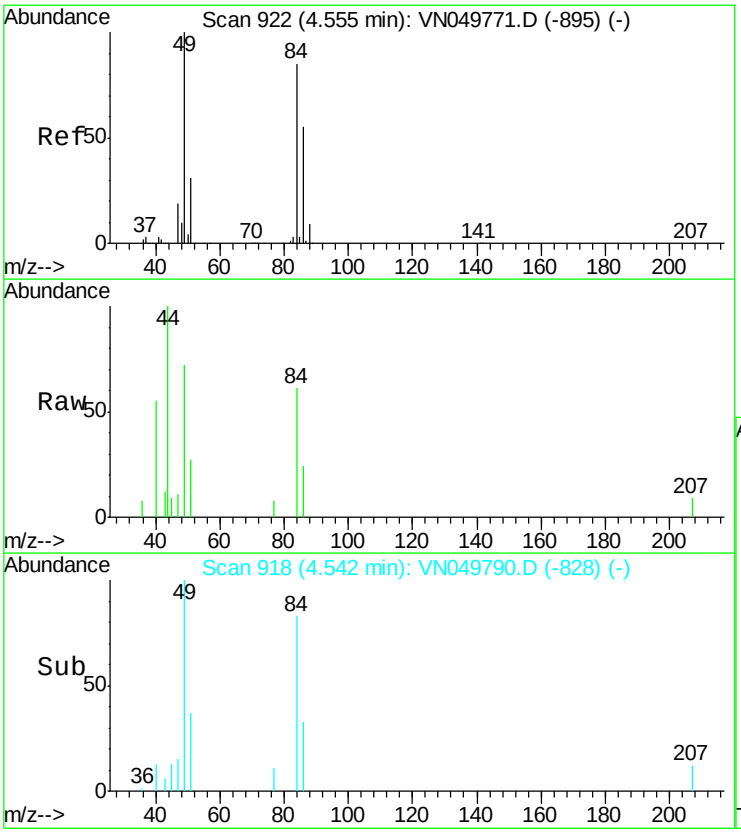
#18
Methyl Acetate
Concen: 0.89 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 43 Resp: 10660

Ion	Ratio	Lower	Upper
43	100		
74	9.9	19.8	29.8#

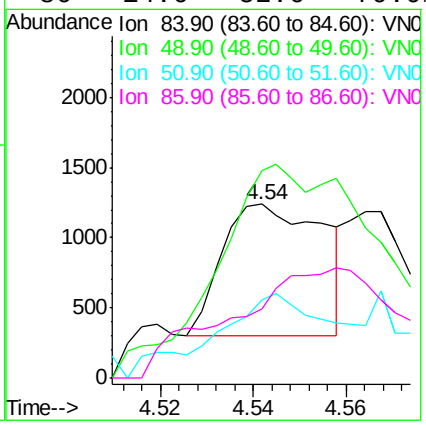


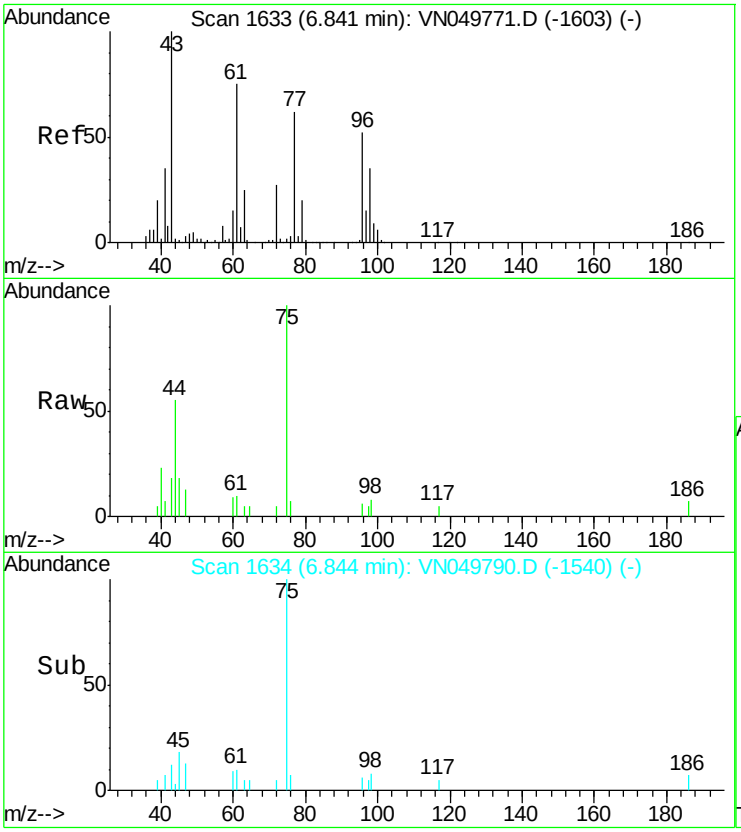


#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 84 Resp: 1417

Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.4	143.2
51	42.0	28.4	42.6
86	14.6	52.6	79.0#



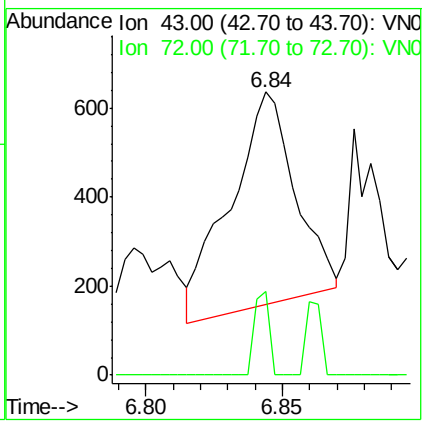


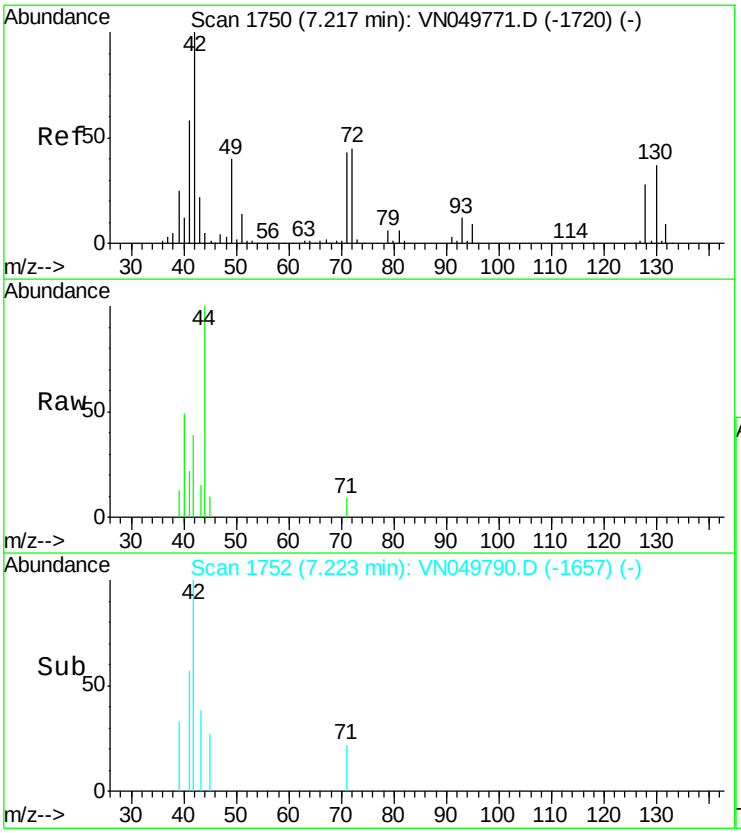
#25
2-Butanone
Concen: 0.26 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 43 Resp: 794

Ion	Ratio	Lower	Upper
43	100		
72	42.8	22.1	33.1#

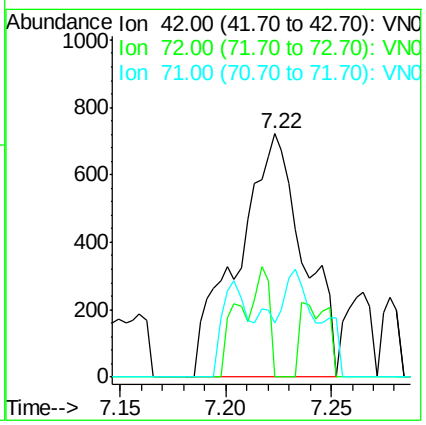


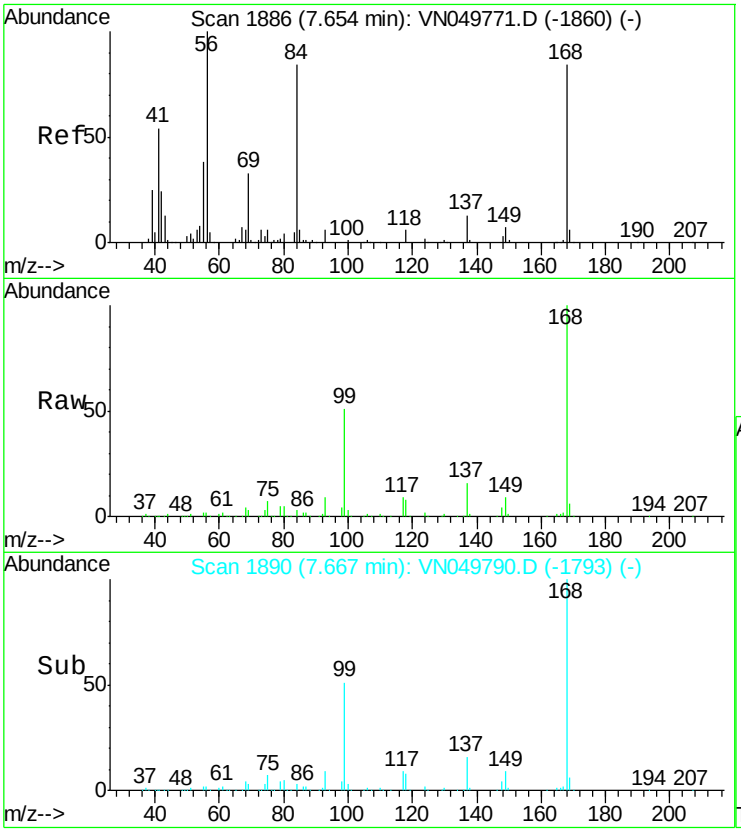


#29
Tetrahydrofuran
Concen: 0.80 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 42 Resp: 1561

Ion	Ratio	Lower	Upper
42	100		
72	10.4	35.6	53.4#
71	0.0	34.0	51.0#



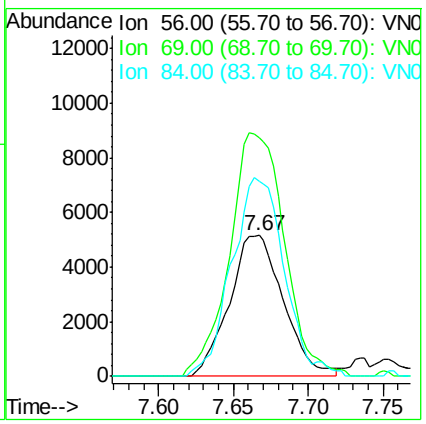


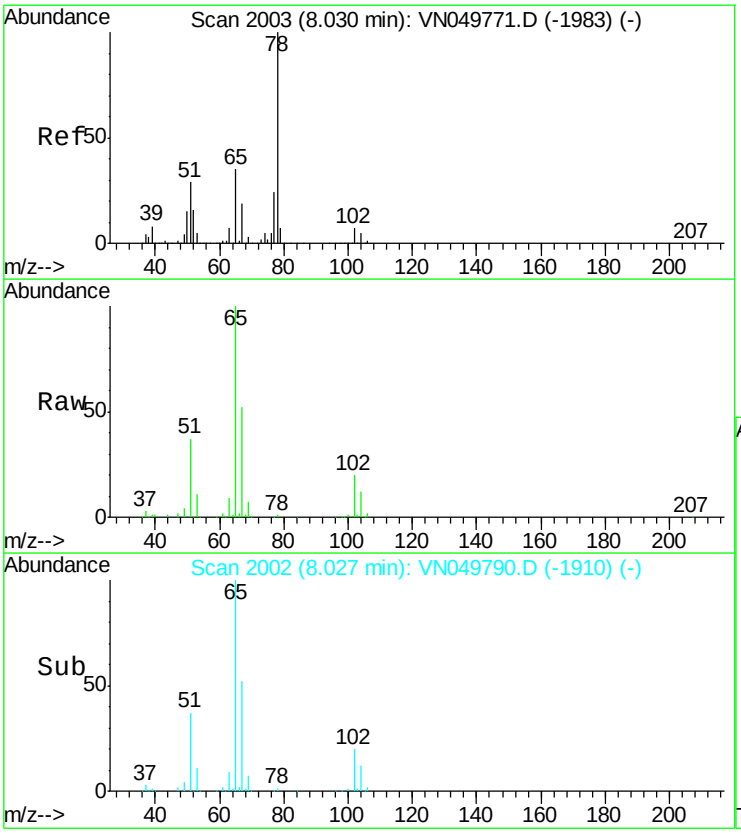
#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 56 Resp: 13010

Ion	Ratio	Lower	Upper
56	100		
69	164.5	26.6	40.0#
84	138.3	69.0	103.6#

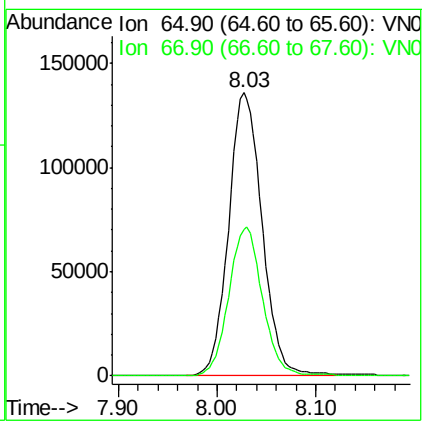


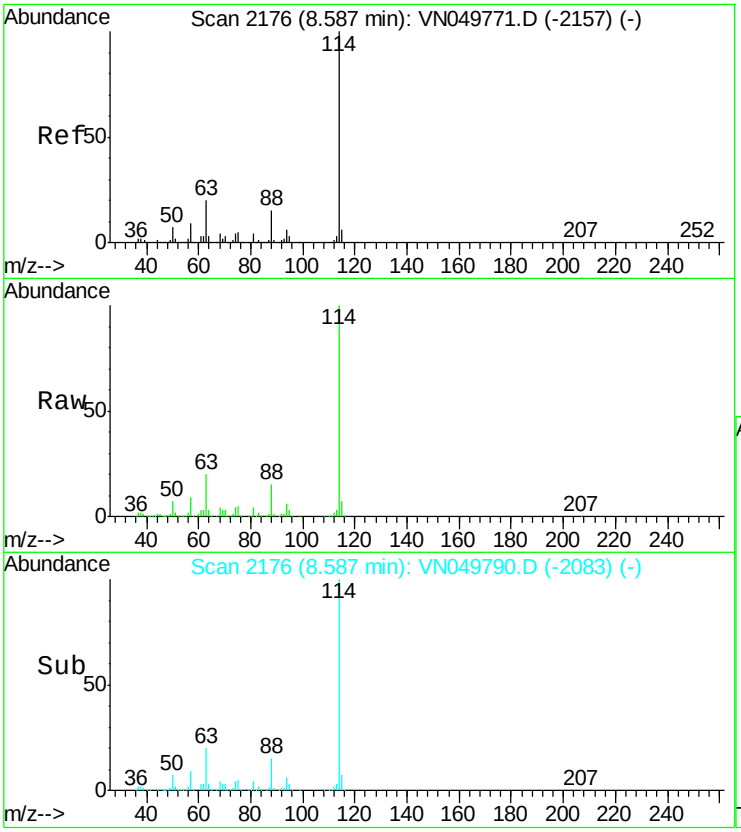


#33
1,2-Dichloroethane-d4
Concen: 40.51 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 65 Resp: 321101

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.2



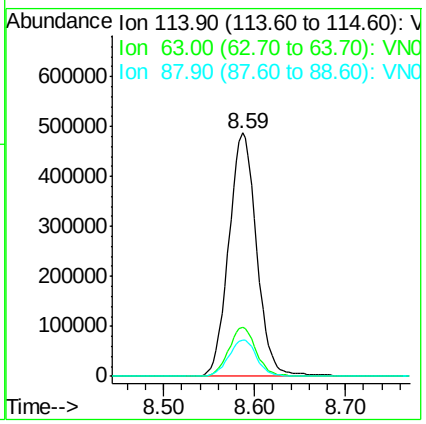


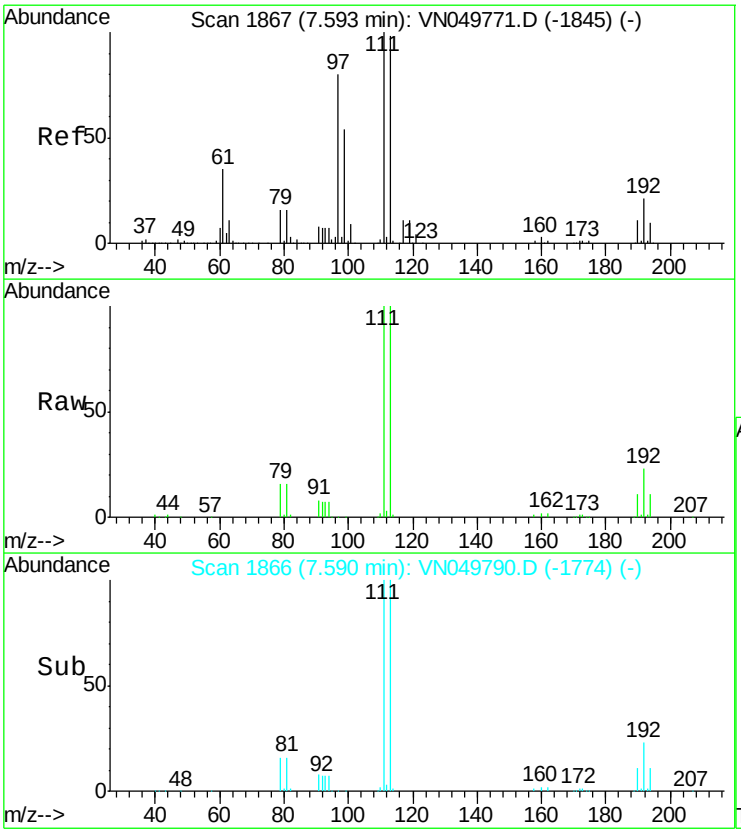
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion:114 Resp: 1034889

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.1	0.0	30.6

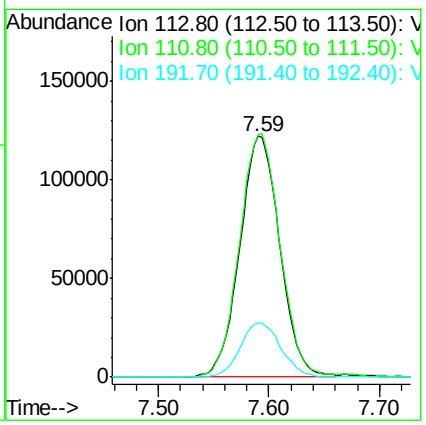


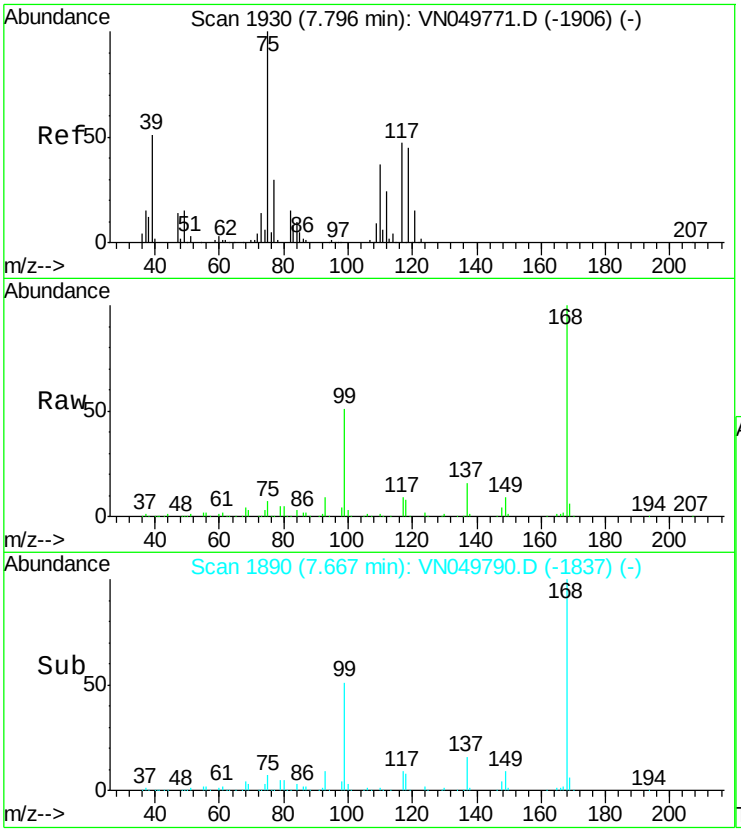


#35
Dibromofluoromethane
Concen: 39.36 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion:113 Resp: 307050

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	23.0	17.8	26.6



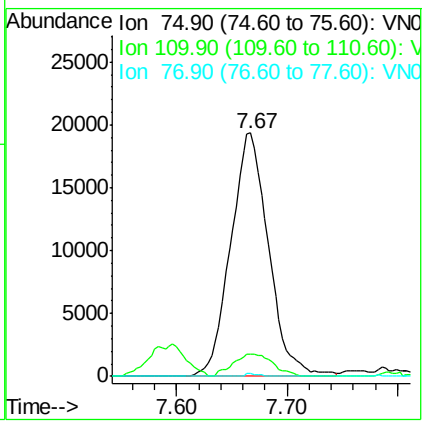


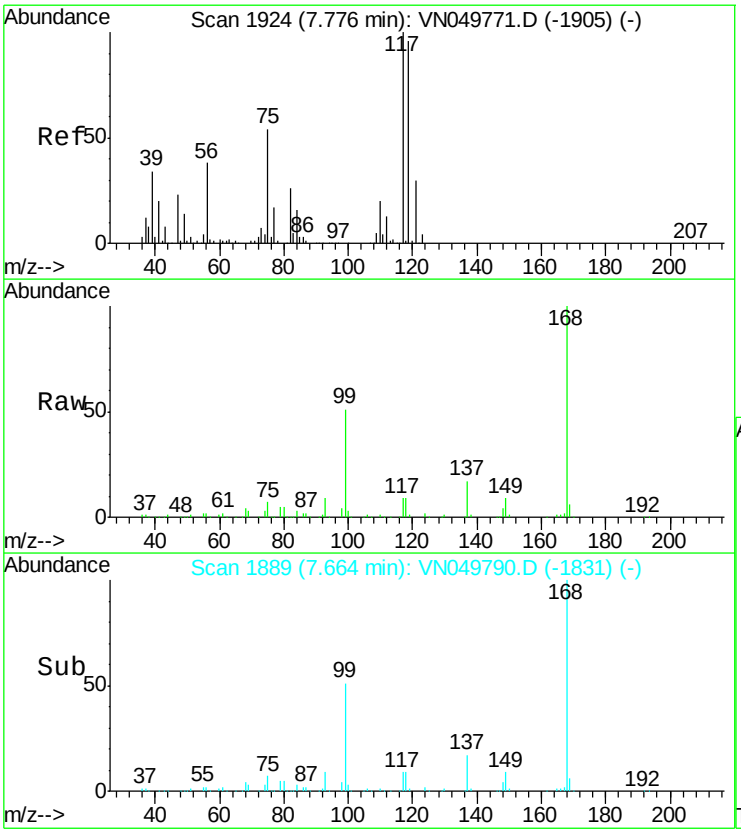
#36
1,1-Dichloropropene
Concen: 3.86 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 75 Resp: 46034

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.4	24.9	37.3#

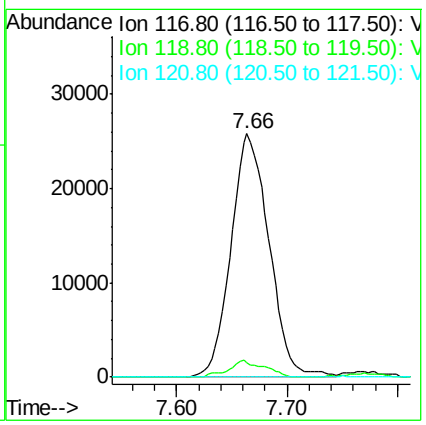


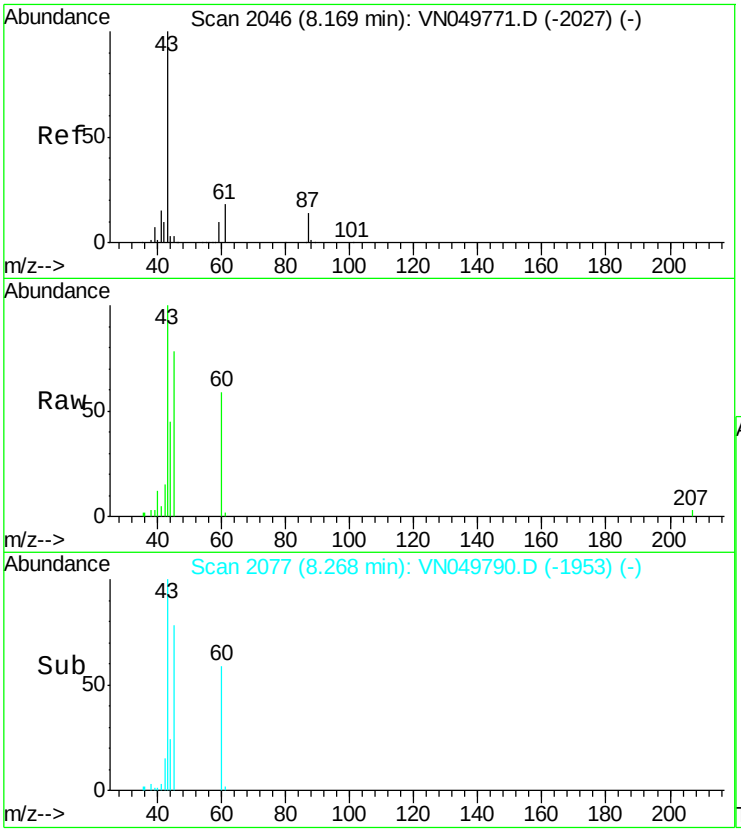


#38
Carbon Tetrachloride
Concen: 4.95 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion:117 Resp: 61694

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.2	115.8#
121	0.0	25.0	37.6#



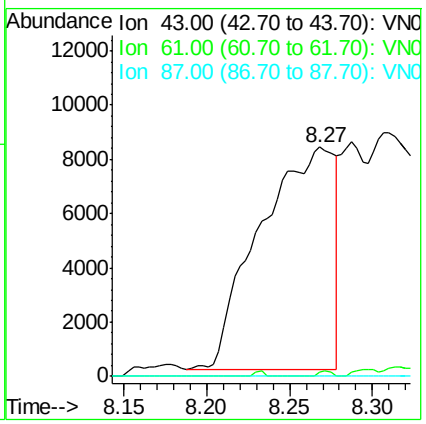


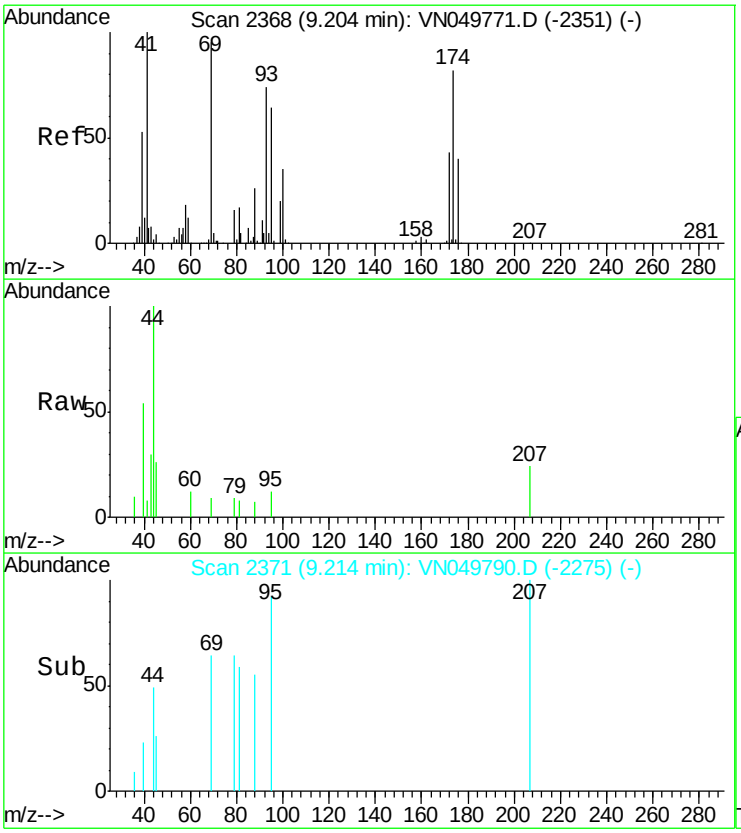
#43
Isopropyl Acetate
Concen: 2.03 ug/l
RT: 8.27 min Scan# 2077
Delta R.T. 0.10 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 43 Resp: 25775

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3#
87	0.0	10.0	15.0#

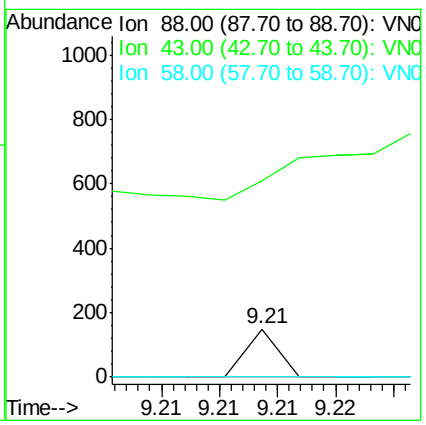


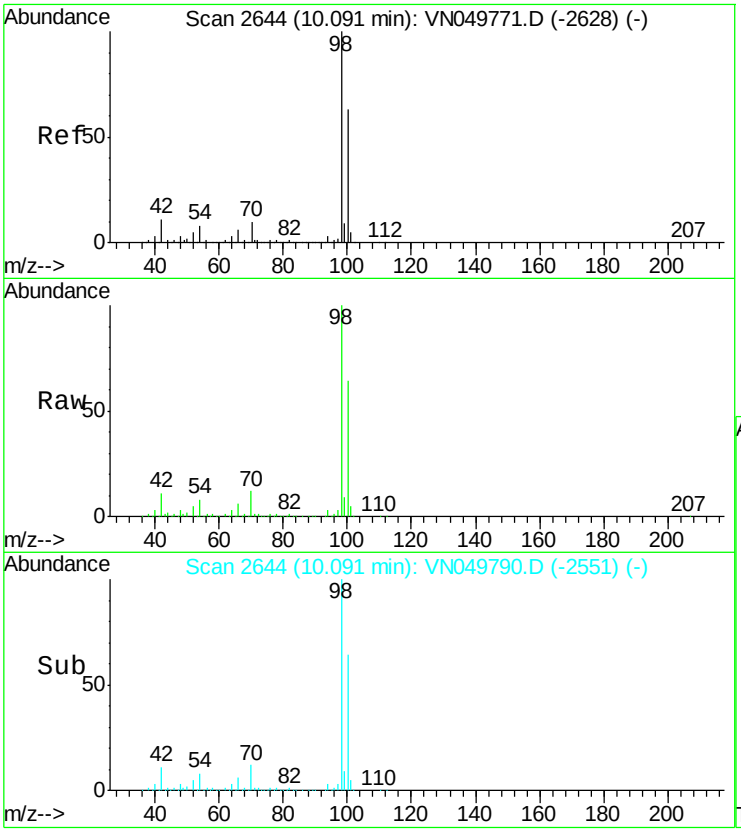


#49
1,4-Dioxane
Concen: 0.35 ug/l
RT: 9.21 min Scan# 2371
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	1606.9	25.1	37.7#
58	0.0	52.5	78.7#



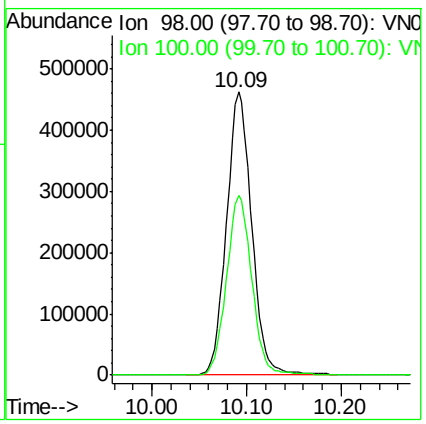


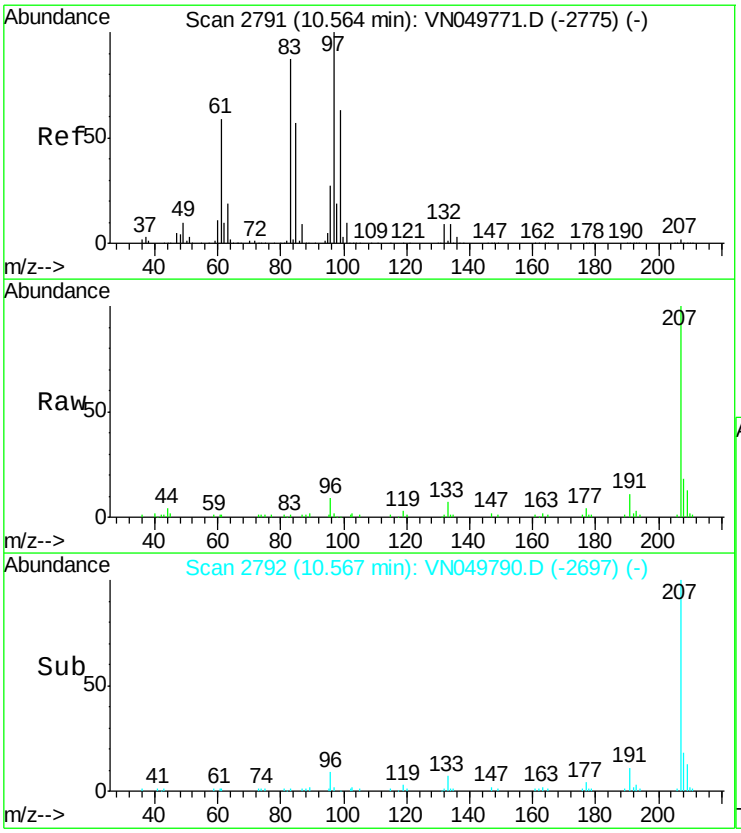
#50
Toluene-d8
Concen: 32.13 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 98 Resp: 857978

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5

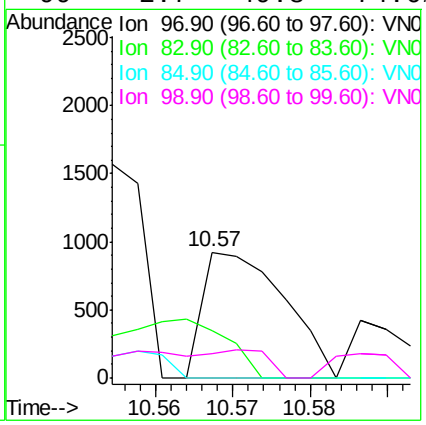


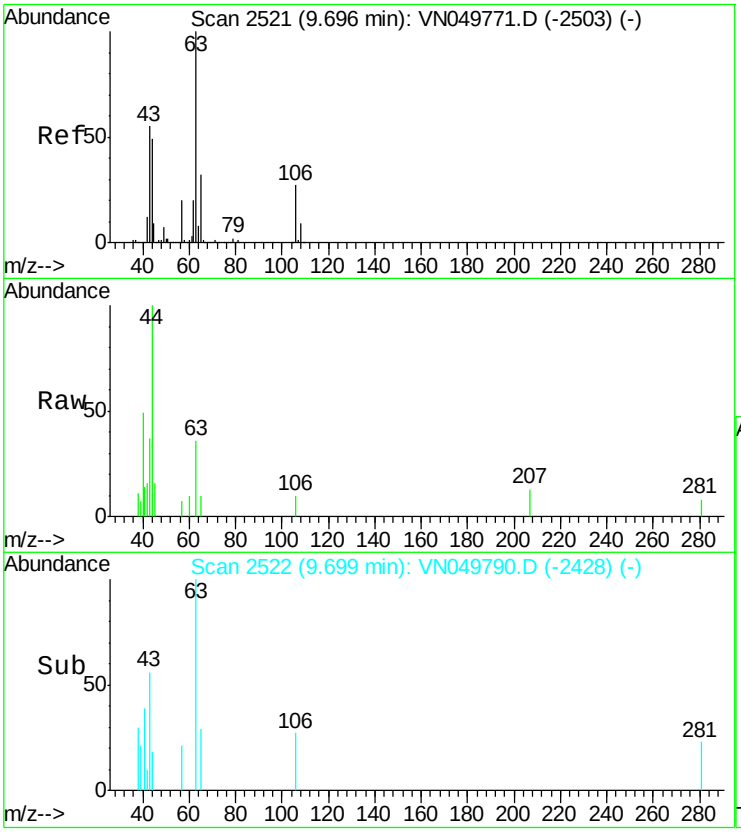


#55
1,1,2-Trichloroethane
Concen: Below Cal
RT: 10.57 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 97 Resp: 679

Ion	Ratio	Lower	Upper
97	100		
83	38.0	69.0	103.6#
85	0.0	44.9	67.3#
99	2.7	49.8	74.6#



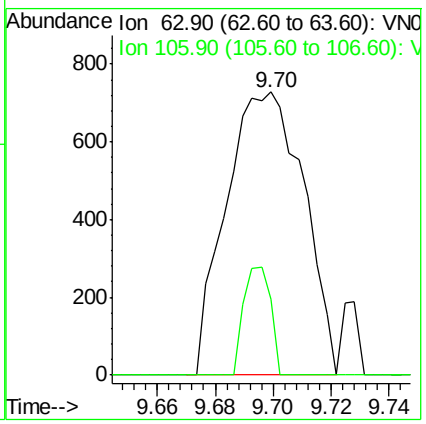


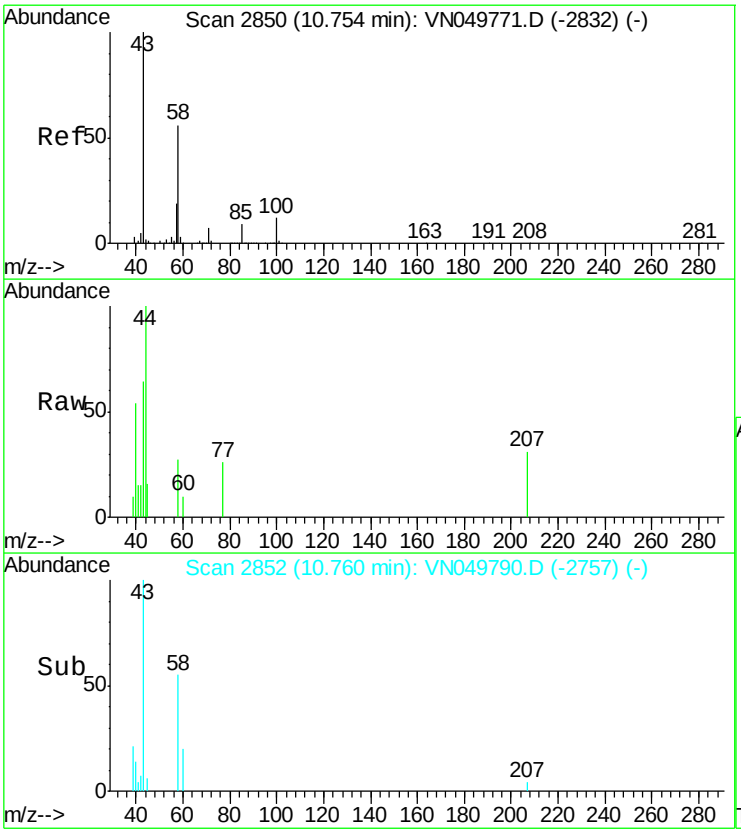
#58
2-Chloroethyl Vinyl ether
Concen: 0.29 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 63 Resp: 1352

Ion	Ratio	Lower	Upper
63	100		
106	13.3	21.8	32.8#

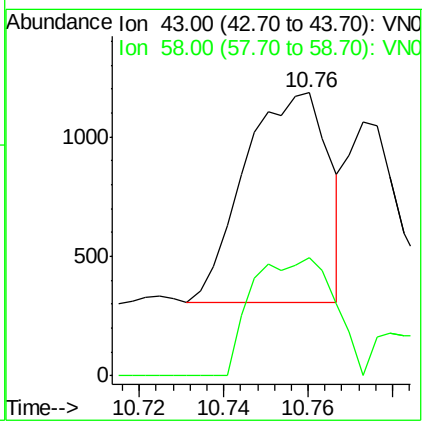


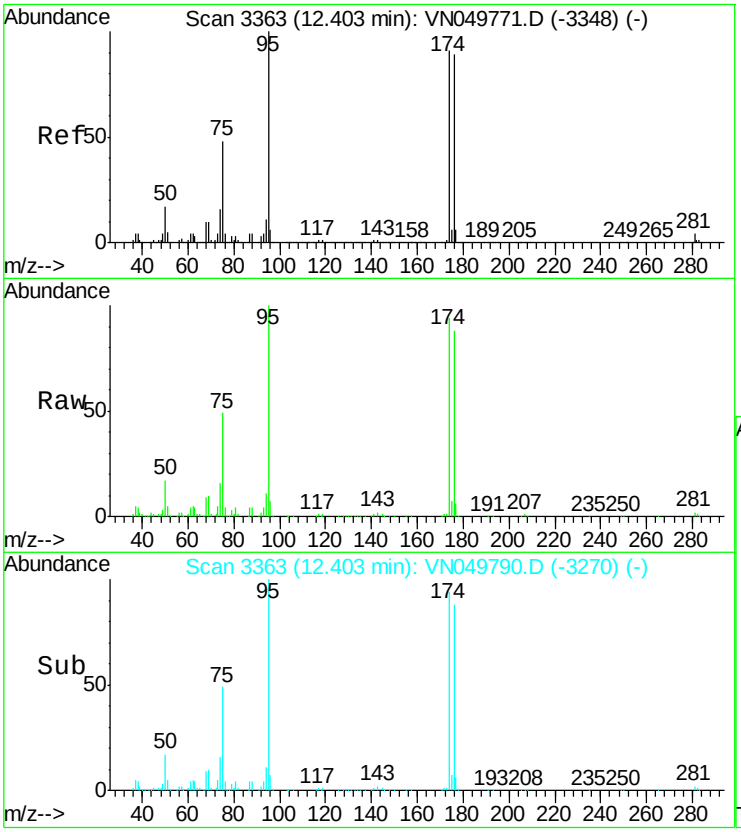


#59
2-Hexanone
Concen: 0.27 ug/l
RT: 10.76 min Scan# 2852
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 43 Resp: 1222

Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.8	83.4



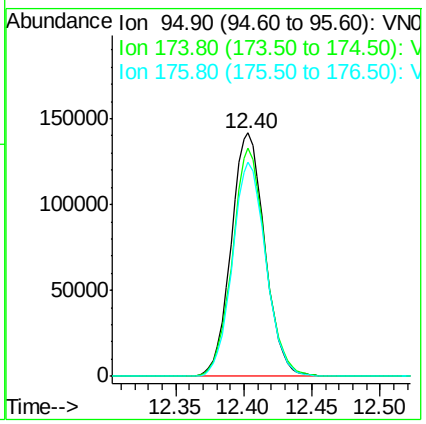


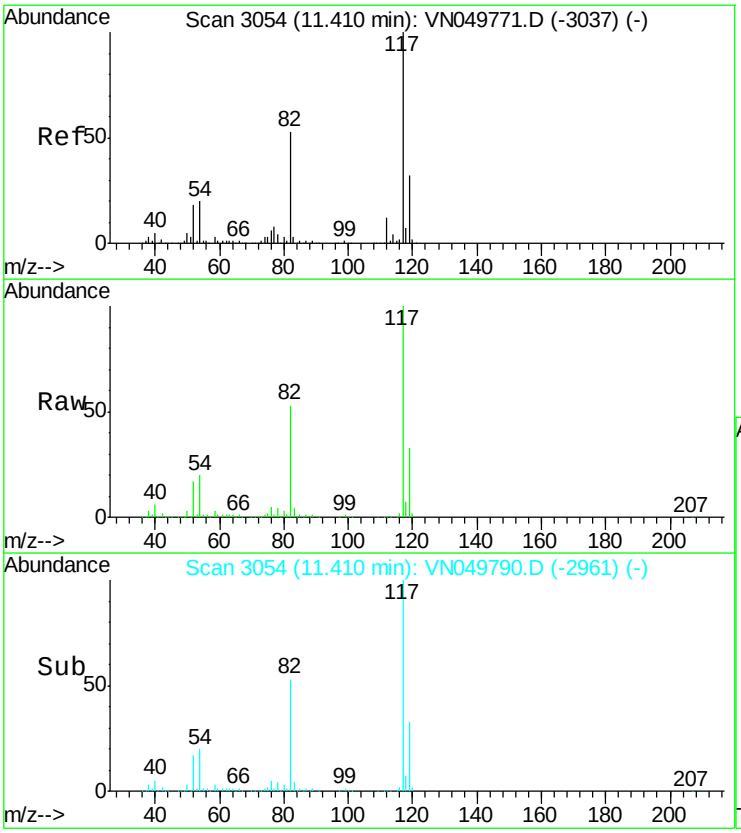
#62
4-Bromofluorobenzene
Concen: 25.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 95 Resp: 242506

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	179.6
176	87.6	0.0	174.0

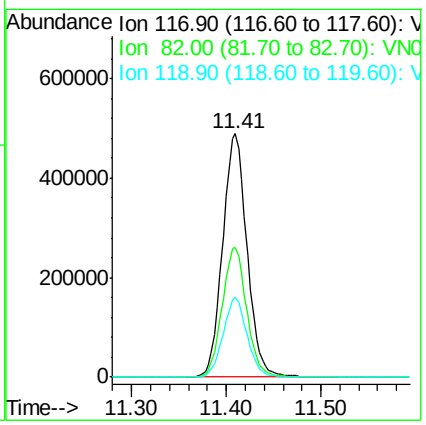


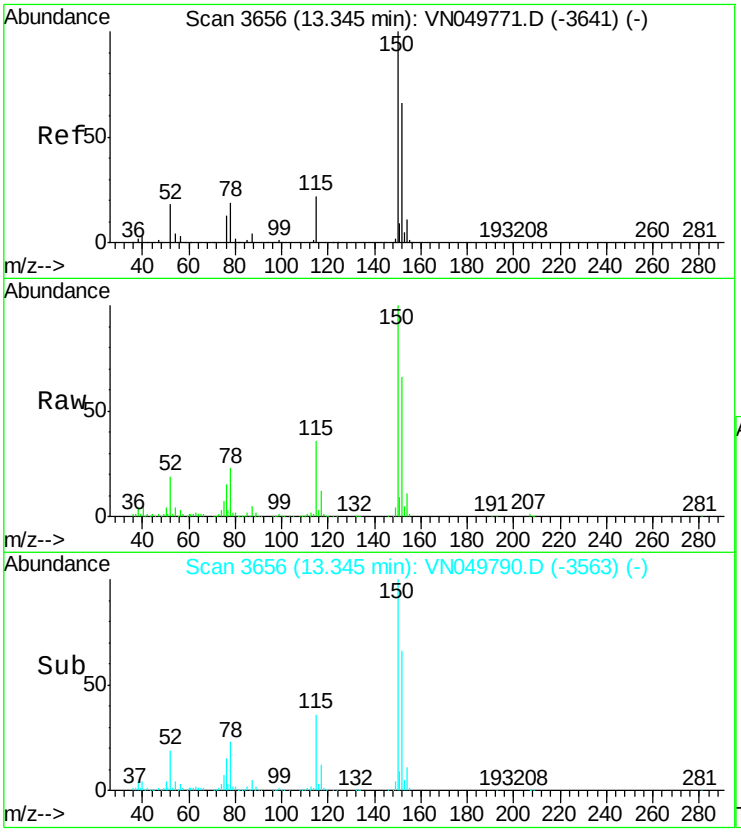


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion:117 Resp: 876338

Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.9	62.9
119	32.8	25.4	38.2



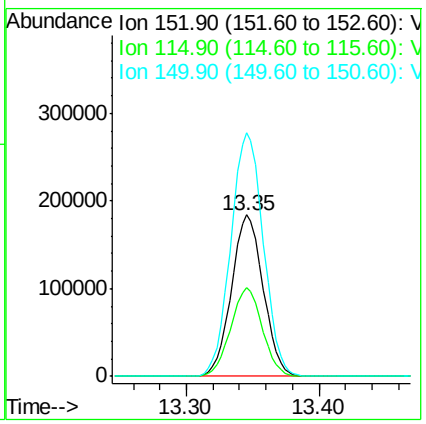


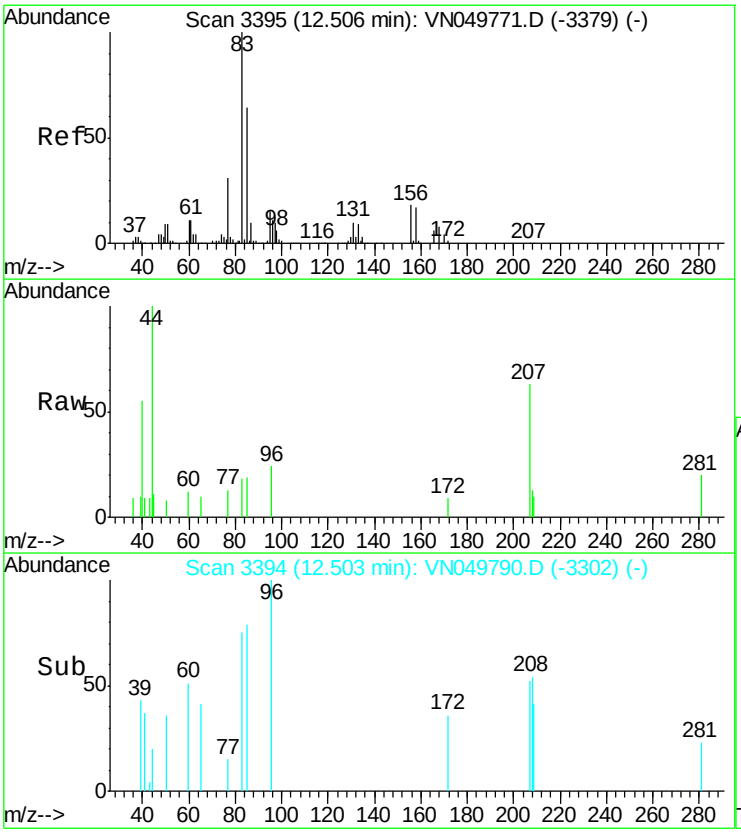
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion:152 Resp: 305473

Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.1	84.2
150	154.8	0.0	347.6

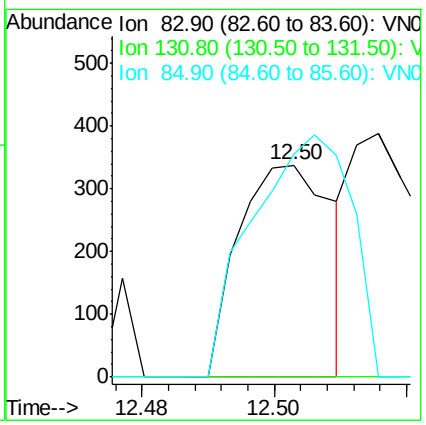


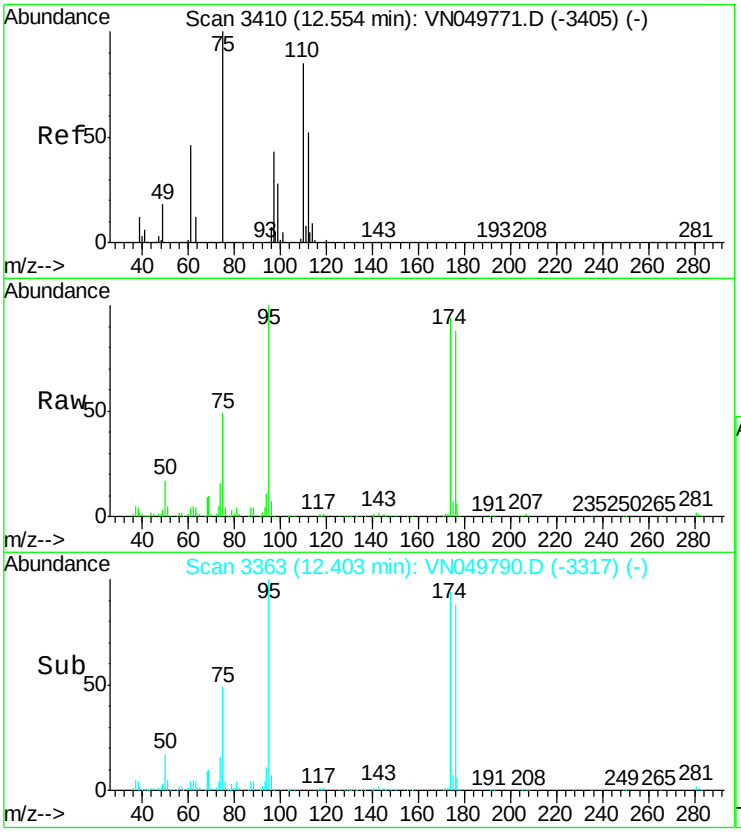


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 83 Resp: 330

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	122.7	32.5	97.4#



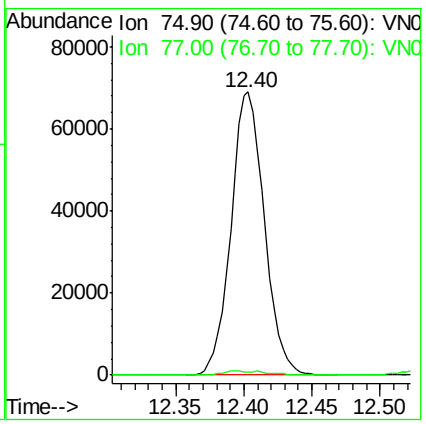


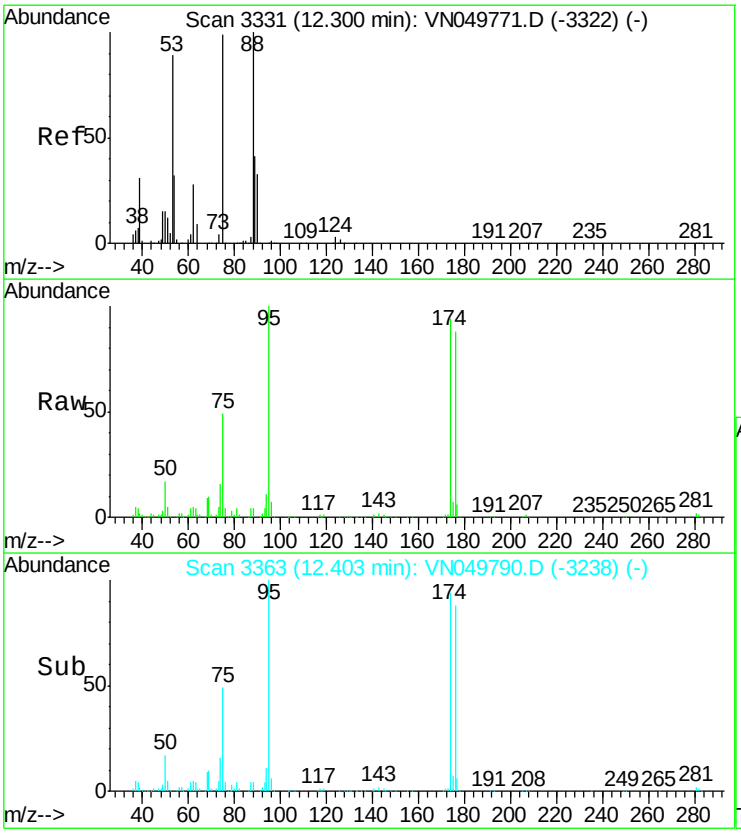
#76
1,2,3-Trichloropropane
Concen: 21.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion: 75 Resp: 117031

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

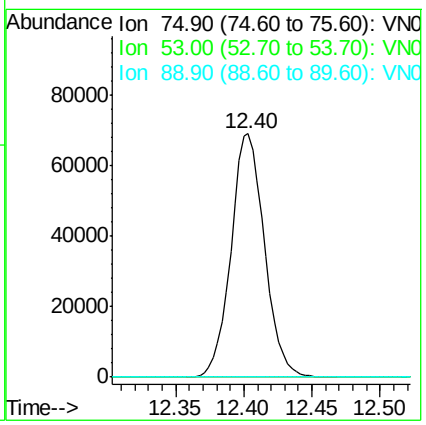


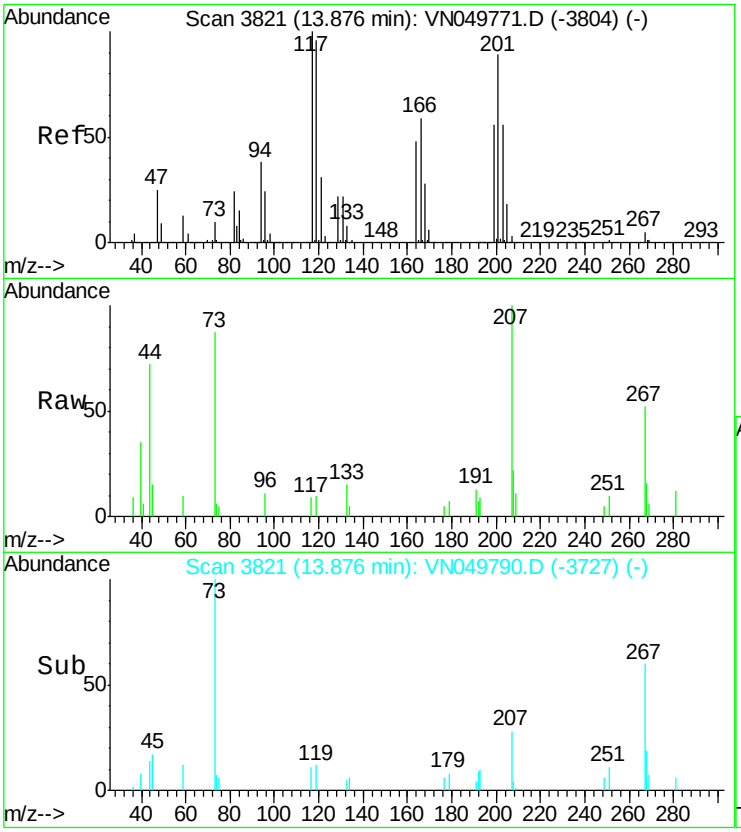


#81
trans-1,4-Dichloro-2-butene
Concen: 69.64 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion: 75 Resp: 117031

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.9	110.9#
89	0.0	35.9	53.9#



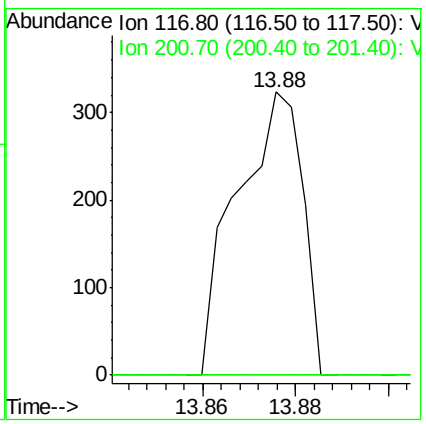


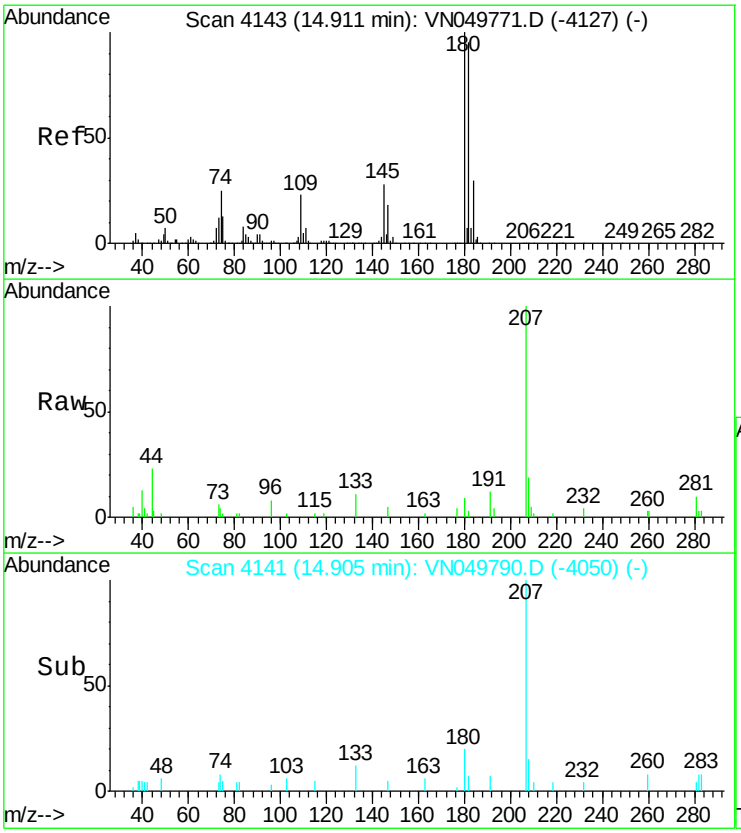
#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion:117 Resp: 319

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.3	135.8#

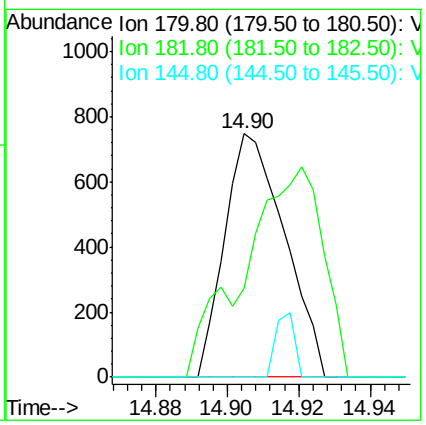


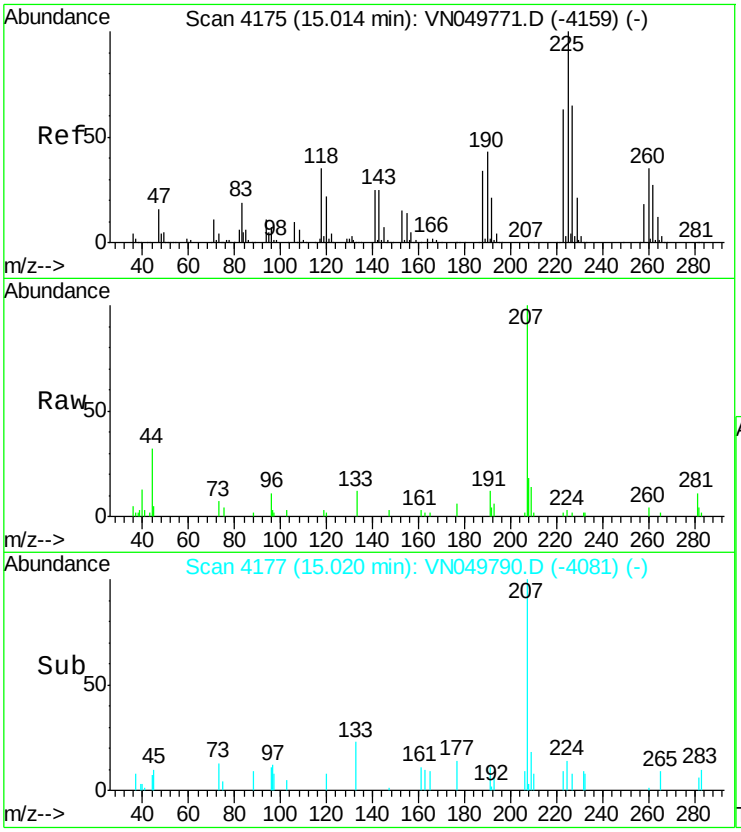


#93
1,2,4-Trichlorobenzene
Concen: 3.02 ug/l
RT: 14.90 min Scan# 4141
Delta R.T. -0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion:180 Resp: 867

Ion	Ratio	Lower	Upper
180	100		
182	113.6	47.3	141.9
145	8.3	14.4	43.0#



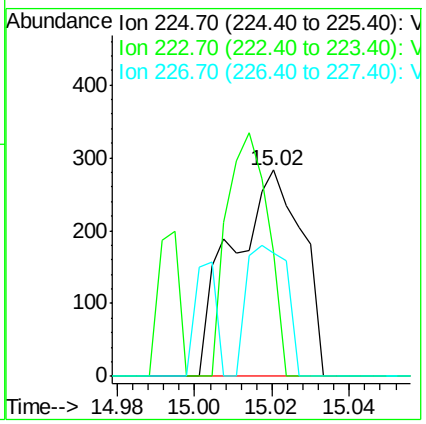


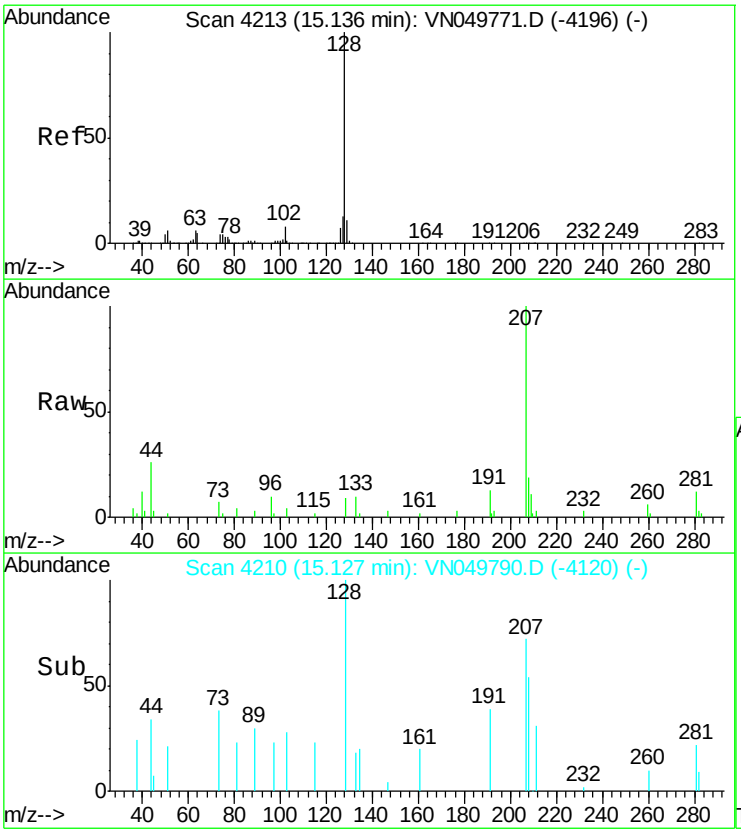
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4177
Delta R.T. 0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

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

Tgt Ion:225 Resp: 355

Ion	Ratio	Lower	Upper
225	100		
223	69.9	30.9	92.7
227	36.6	31.8	95.4





#95
Naphthalene
Concen: 4.07 ug/l
RT: 15.13 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VN049790.D
Acq: 13 Jul 2018 12:14

Tgt Ion:128 Resp: 730

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.4	15.6
129	0.0	8.6	13.0#