Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Quant Time: May 26 00:39:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	306919	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	472153	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	415767	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216402	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	293359	53.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.94%				
35) Dibromofluoromethane	5.51	113	225752	47.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.62%				
50) Toluene-d8	8.72	98	790698	46.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.52%				
62) 4-Bromofluorobenzene	11.14	95	283509	42.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	245	Below Cal		#	41
3) Chloromethane	1.32	50	1158	0.25	ug/l		94
5) Bromomethane	1.65	94	828	Below Cal		#	67
10) Methyl Iodide	2.53	142	1328	0.26	ug/l	#	75
11) Tert butyl alcohol	3.08	59	7980	7.41	ug/l		94
13) Acrolein	2.29	56	337	0.72	ug/l	#	14
16) Acetone	2.45	43	15691	7.41	ug/l		97
18) Methyl Acetate	2.79	43	1768	Below Cal		#	63
20) Methylene Chloride	2.86	84	3817	Below Cal			95
21) trans-1,2-Dichloroethene	3.18	96	151	Below Cal		#	2
25) 2-Butanone	4.73	43	2991	0.77	ug/l		95
28) Bromochloromethane	5.01	49	49	Below Cal		#	14
29) Tetrahydrofuran	5.18	42	28291	11.21	ug/l		99
36) 1,1-Dichloropropene	5.67	75	21859	3.33	ug/l	#	53
38) Carbon Tetrachloride	5.67	117	27908	3.64	ug/l	#	14
41) Methacrylonitrile	5.18	41	16057	2.25	ug/l	#	50
49) 1,4-Dioxane	7.77	88	73	0.57	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.66	43	122565	14.25	ug/l		100
52) Toluene	8.79	92	20313	1.66	ug/l		99
59) 2-Hexanone	9.32	43	13760	2.08	ug/l		74
68) m/p-Xylenes	10.36	106	5065	0.58	ug/l		92
69) o-Xylene	10.70	106	14216	1.63	ug/l		99
74) N-amyl acetate	6.49	43	210	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.29	83	291	Below Cal		#	75
76) 1,2,3-Trichloropropane	11.14	75	150599	28.97	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	869	Below Cal			79
81) trans-1,4-Dichloro-2-buten	11.14	75	150599	69.63	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	4351	0.27	ug/l		85
90) Hexachloroethane	12.62	117	742	0.23	ug/l	#	2
95) Naphthalene	13.84	128	16026	0.82	ug/l	#	88

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

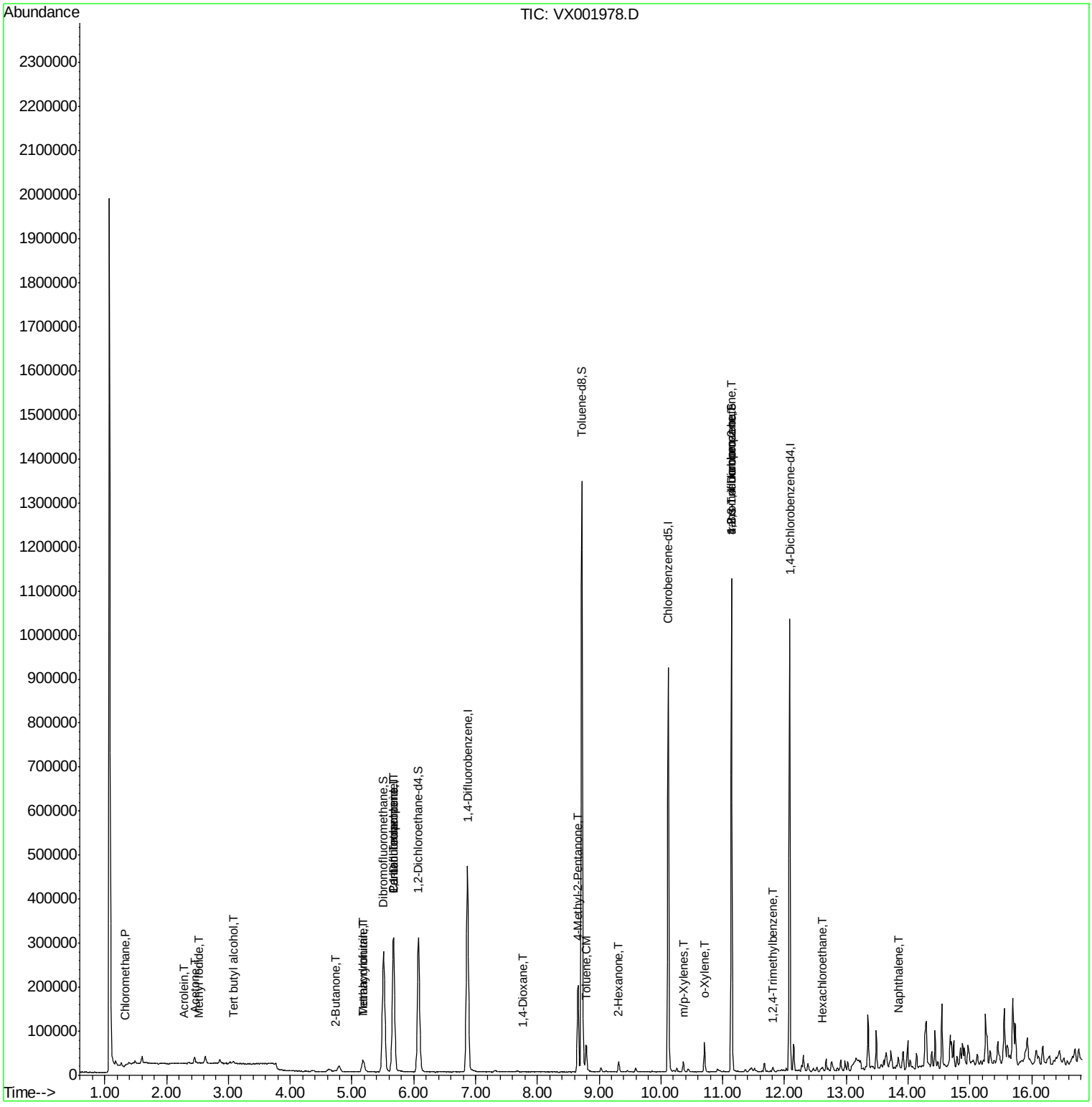
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

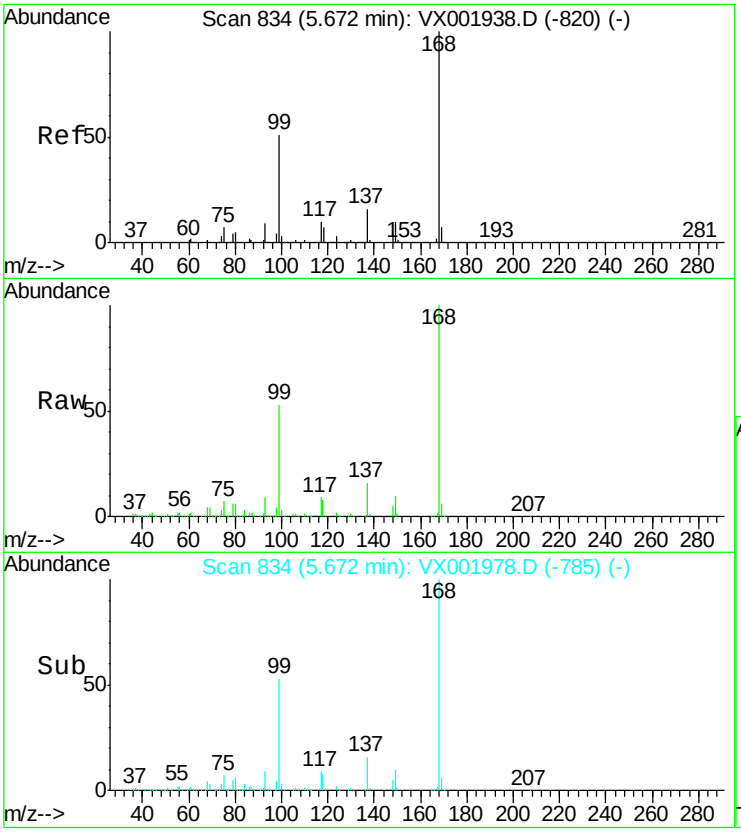
Quantitation Report (Not Reviewed)

Data File : VX001978.D
Acq On : 25 May 2018 15:43
Operator : JC/MD
Sample : J3094-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Quant Time: May 26 00:39:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



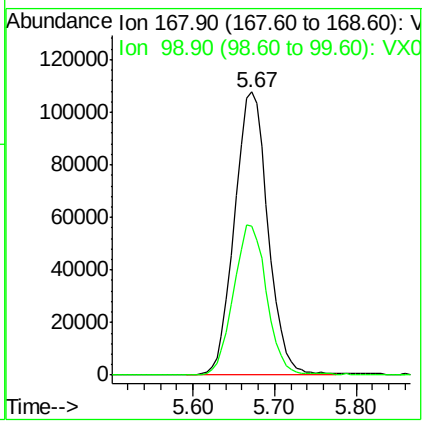


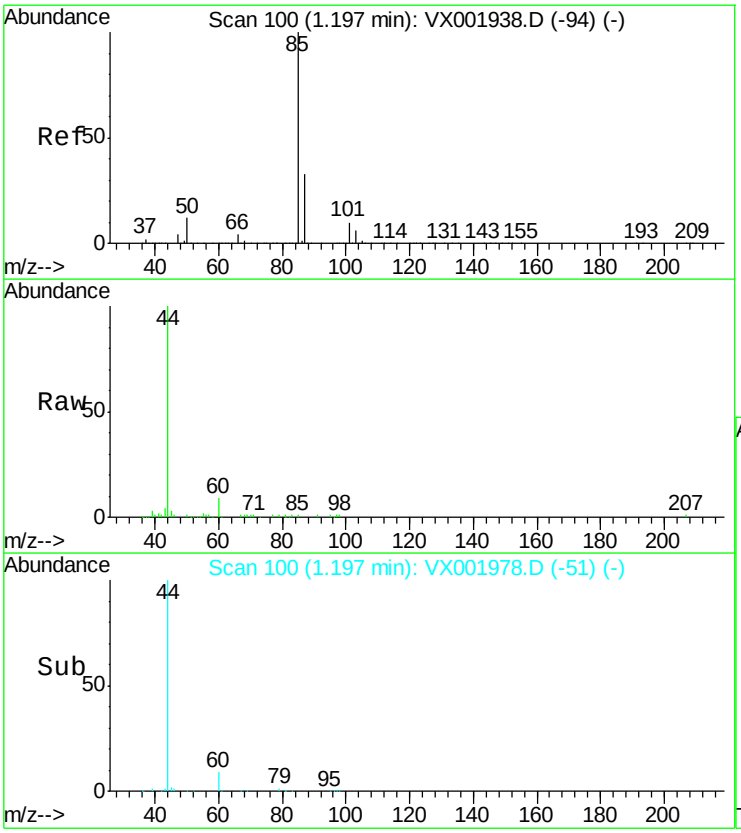
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:168 Resp: 306919

Ion	Ratio	Lower	Upper
168	100		
99	52.4	41.0	61.4

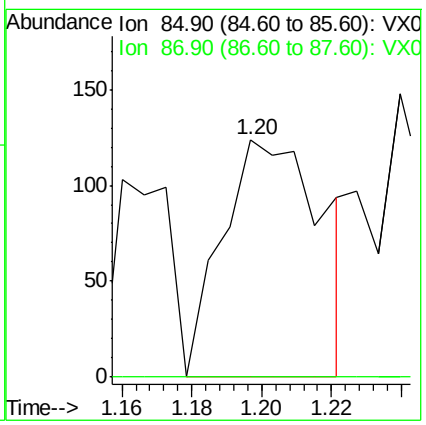


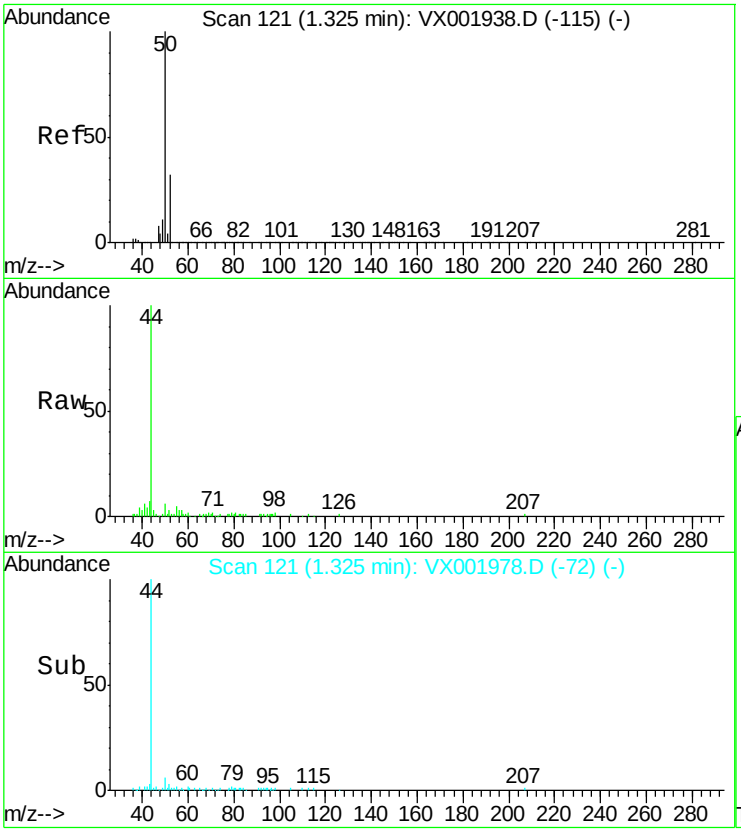


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 85 Resp: 245

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



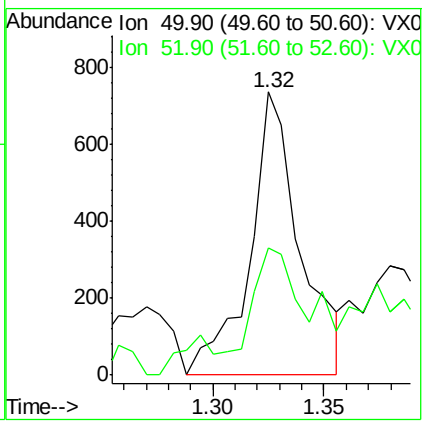


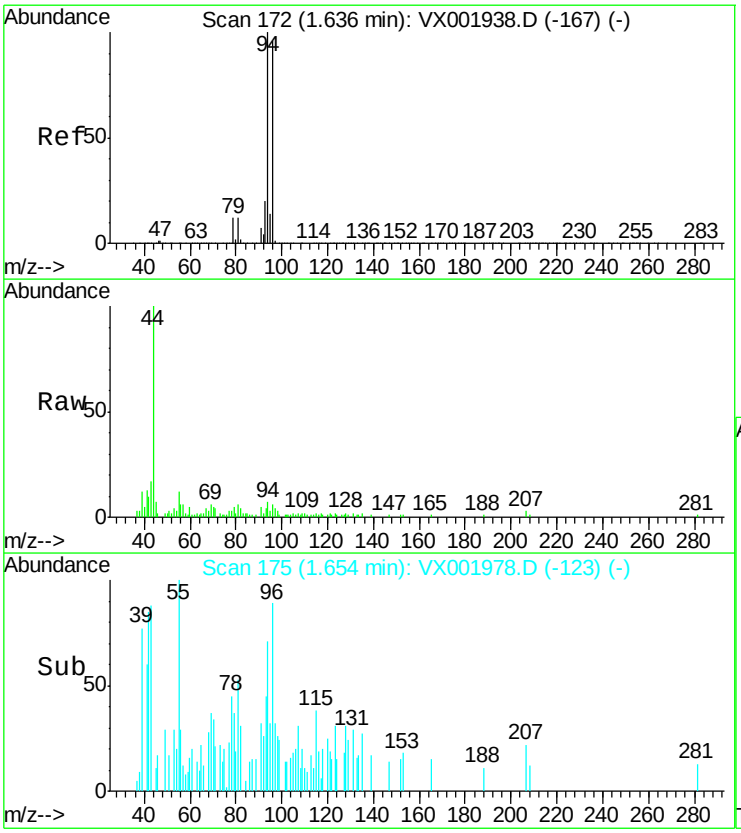
#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 50 Resp: 1158

Ion	Ratio	Lower	Upper
50	100		
52	36.0	26.0	39.0

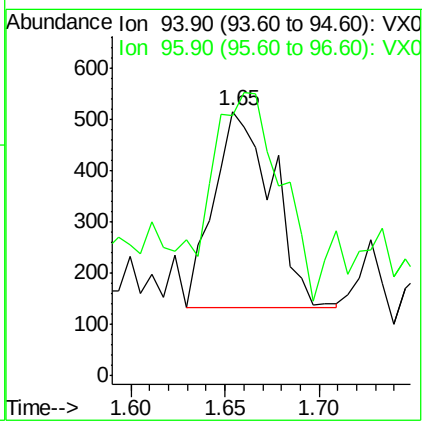


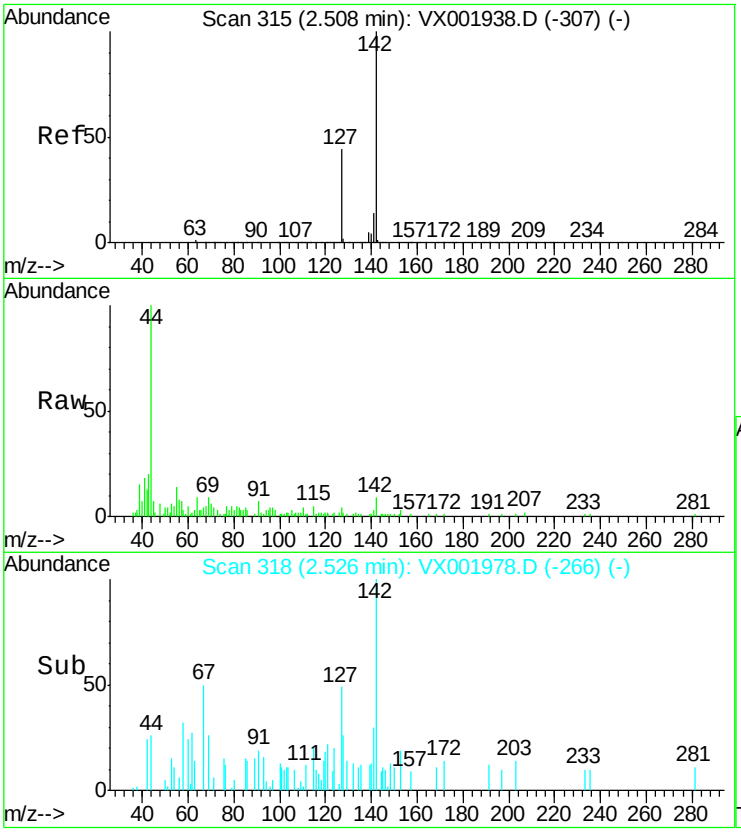


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 94 Resp: 828

Ion	Ratio	Lower	Upper
94	100		
96	63.1	75.9	113.9#



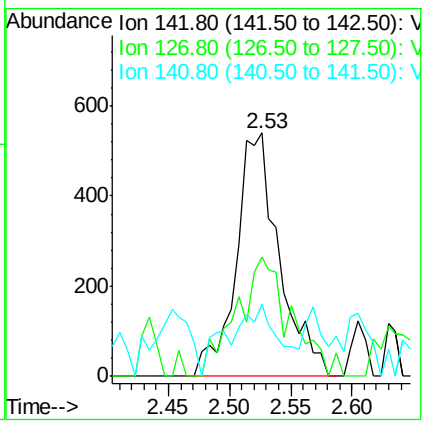


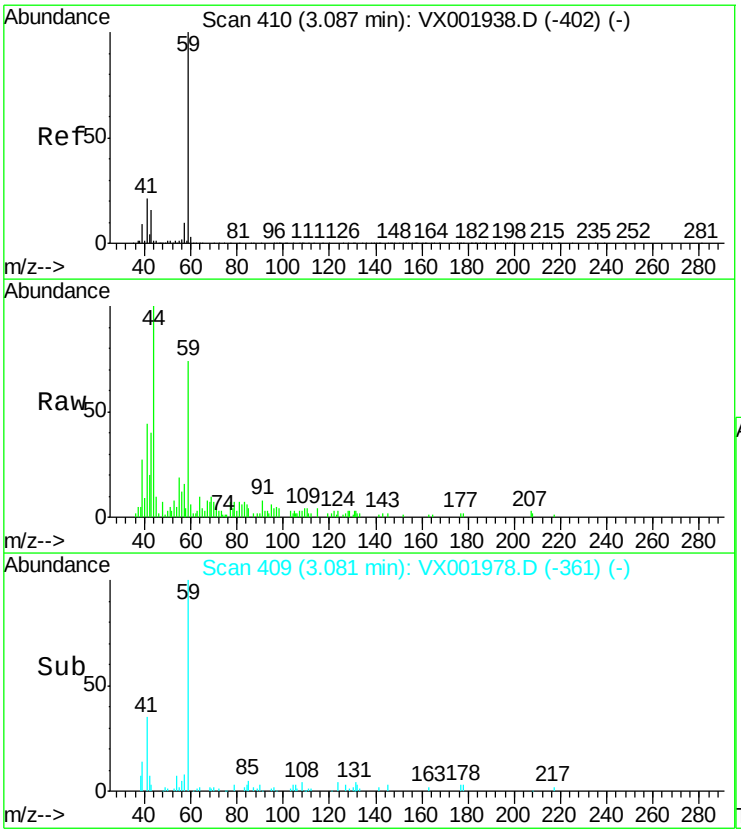
#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:142 Resp: 1328

Ion	Ratio	Lower	Upper
142	100		
127	61.7	35.5	53.3#
141	21.8	11.3	16.9#

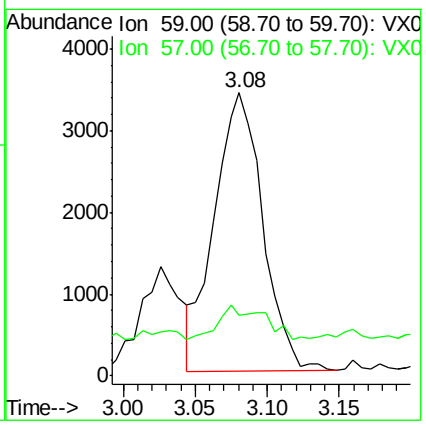


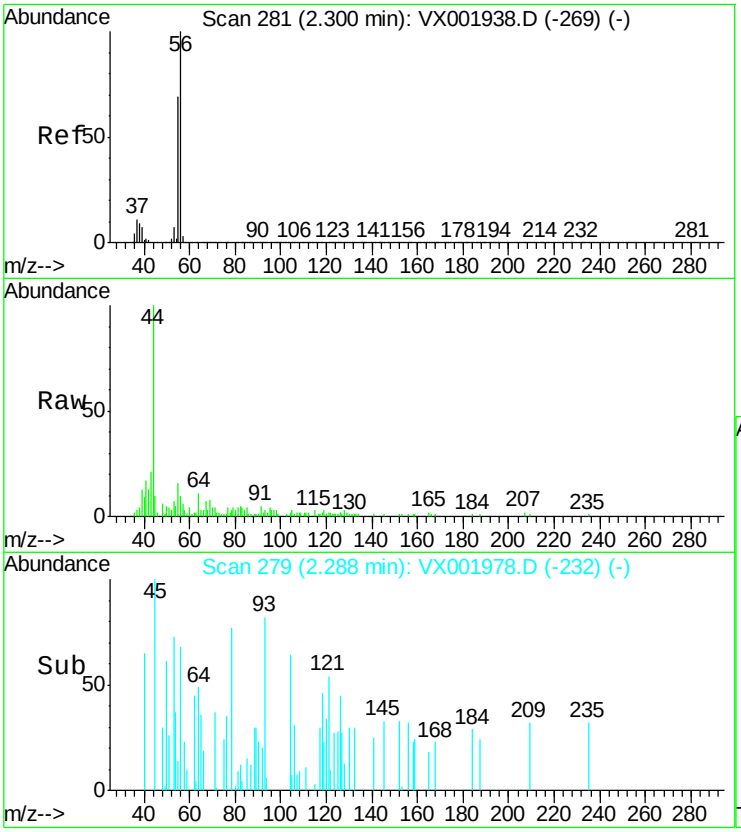


#11
Tert butyl alcohol
Concen: 7.41 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 59 Resp: 7980

Ion	Ratio	Lower	Upper
59	100		
57	13.2	8.9	13.3



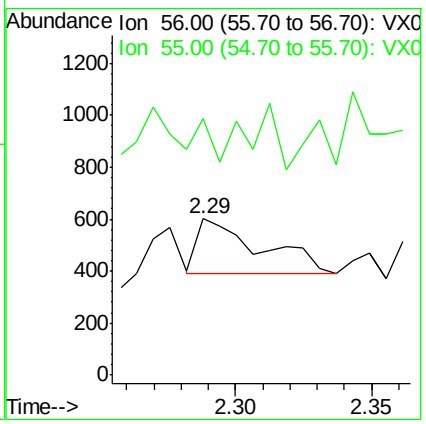


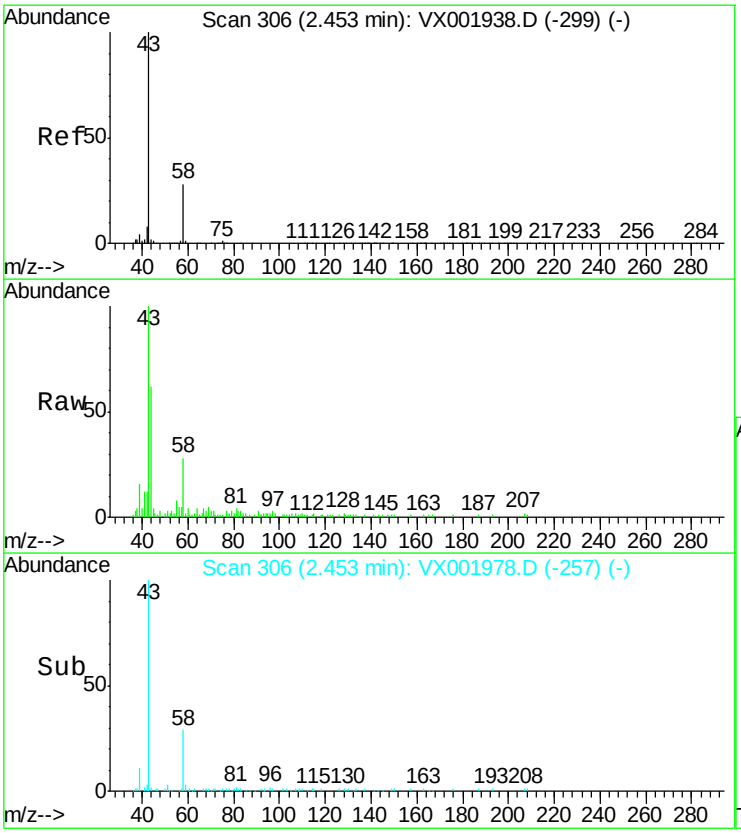
#13
Acrolein
Concen: 0.72 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 56 Resp: 337

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#

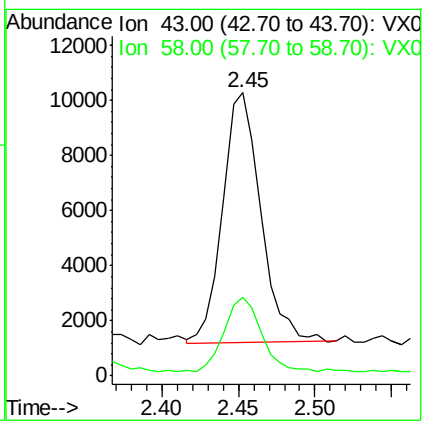


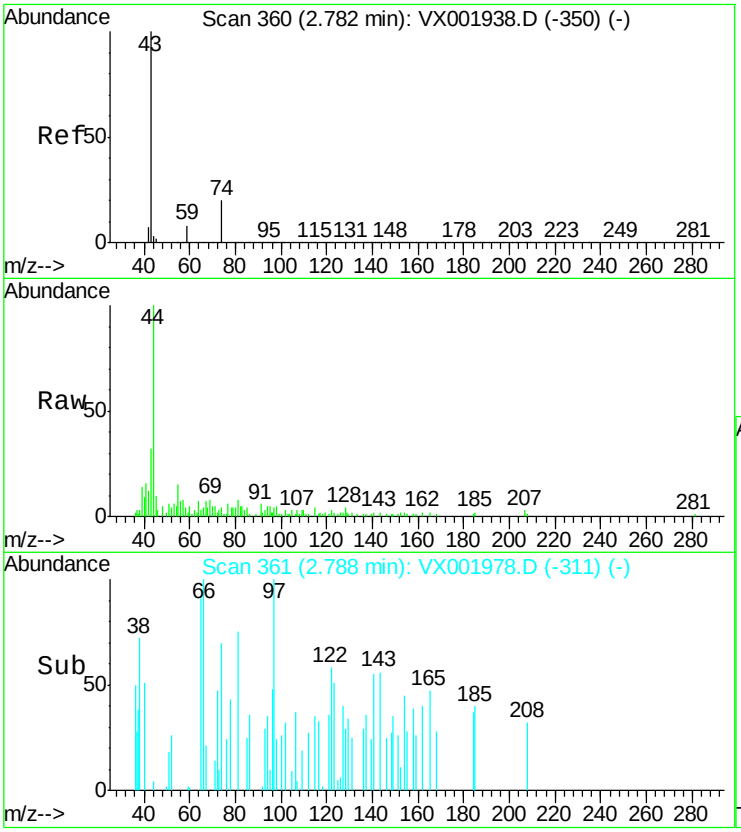


#16
Acetone
Concen: 7.41 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 43 Resp: 15691

Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.3	33.5



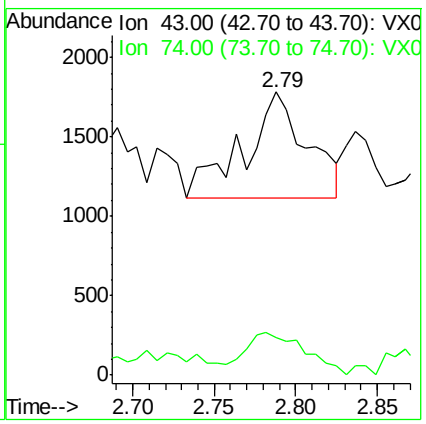


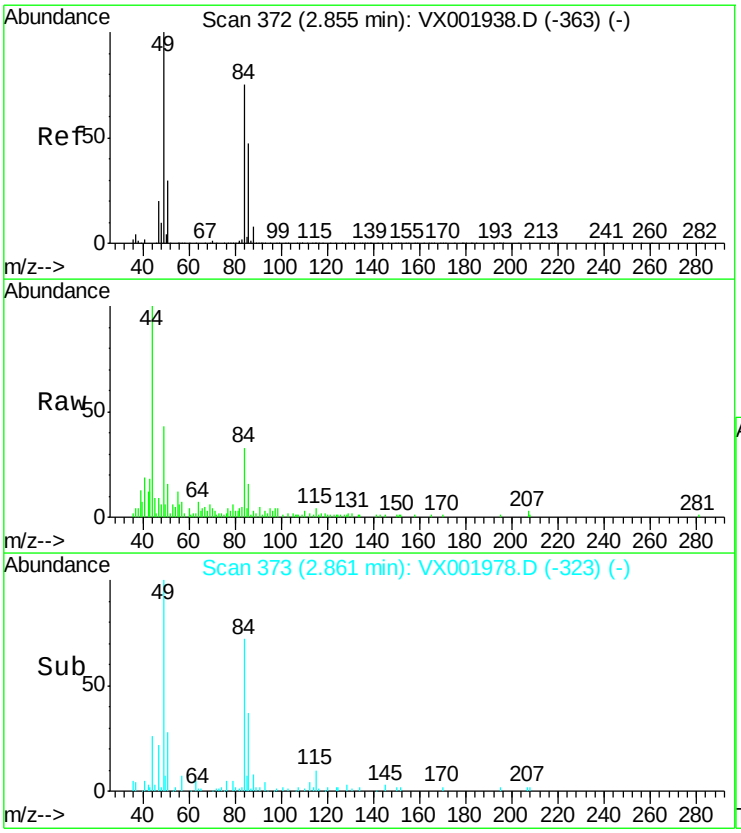
#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 43 Resp: 1768

Ion	Ratio	Lower	Upper
43	100		
74	38.5	16.8	25.2#

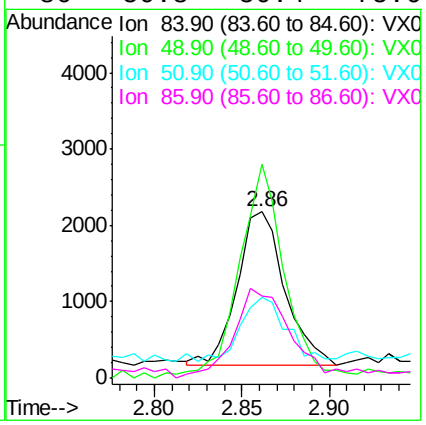


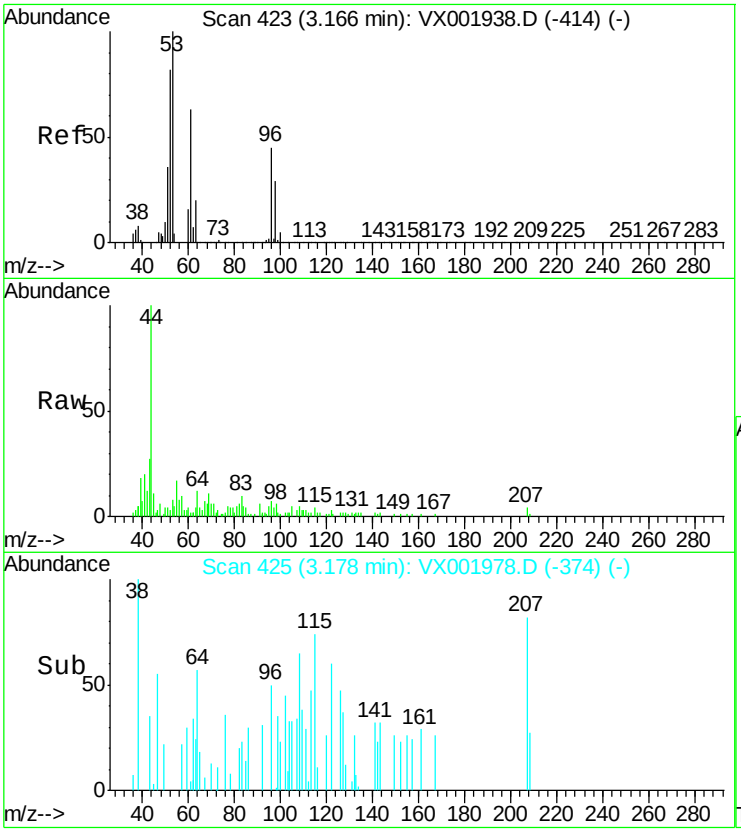


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 84 Resp: 3817

Ion	Ratio	Lower	Upper
84	100		
49	135.3	107.2	160.8
51	39.8	32.4	48.6
86	50.8	50.4	75.6



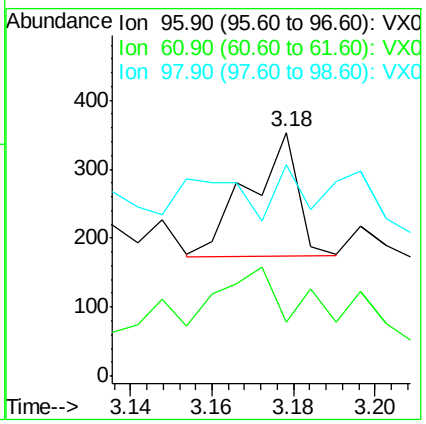


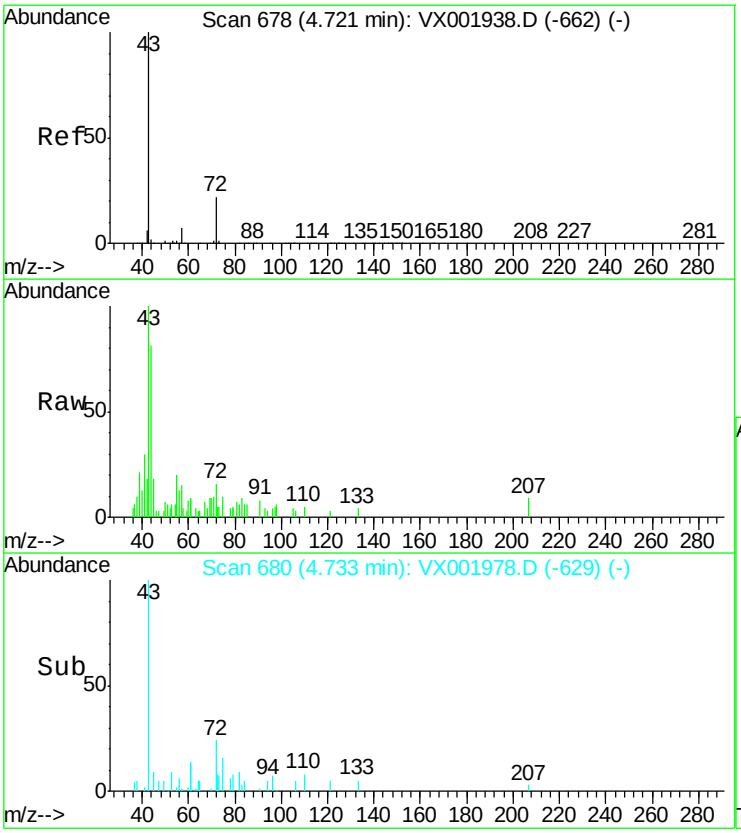
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument : MSVOA_X
ClientSampleId : HS-BASELINE-WATER

Tgt Ion: 96 Resp: 151

Ion	Ratio	Lower	Upper
96	100		
61	2.8	113.3	169.9#
98	13.6	51.7	77.5#

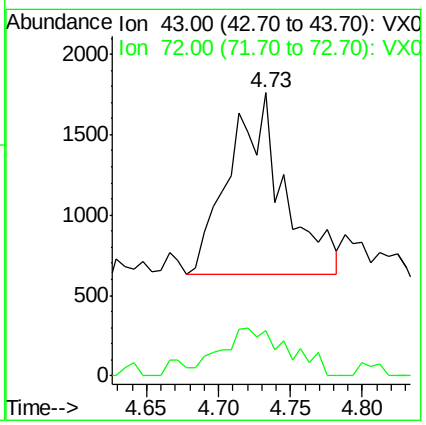


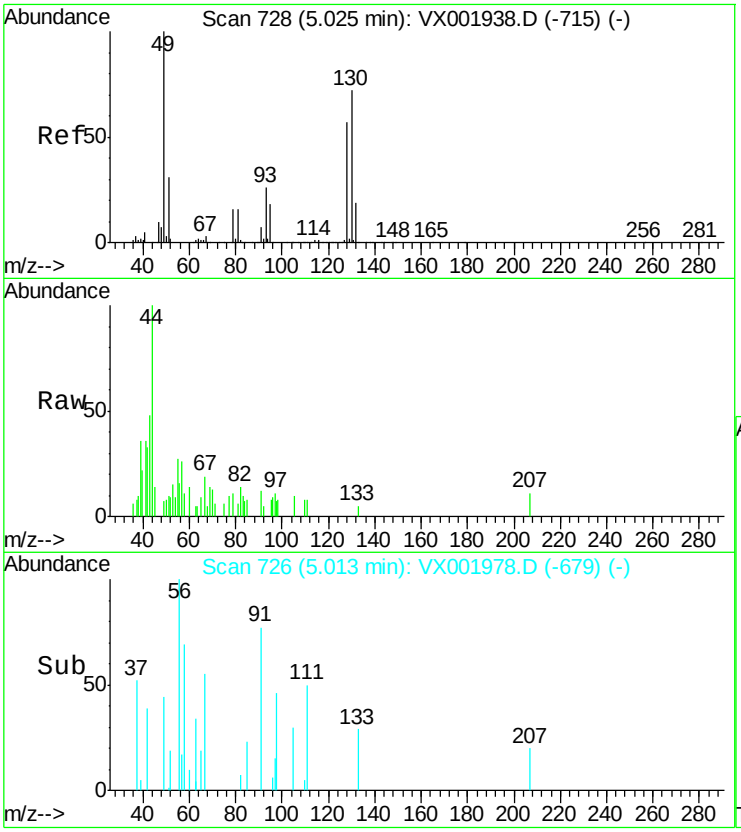


#25
2-Butanone
Concen: 0.77 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 43 Resp: 2991

Ion	Ratio	Lower	Upper
43	100		
72	24.6	17.9	26.9



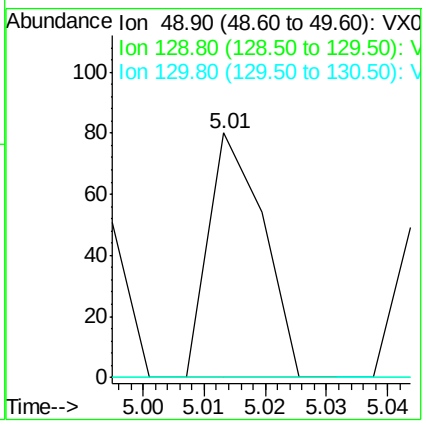


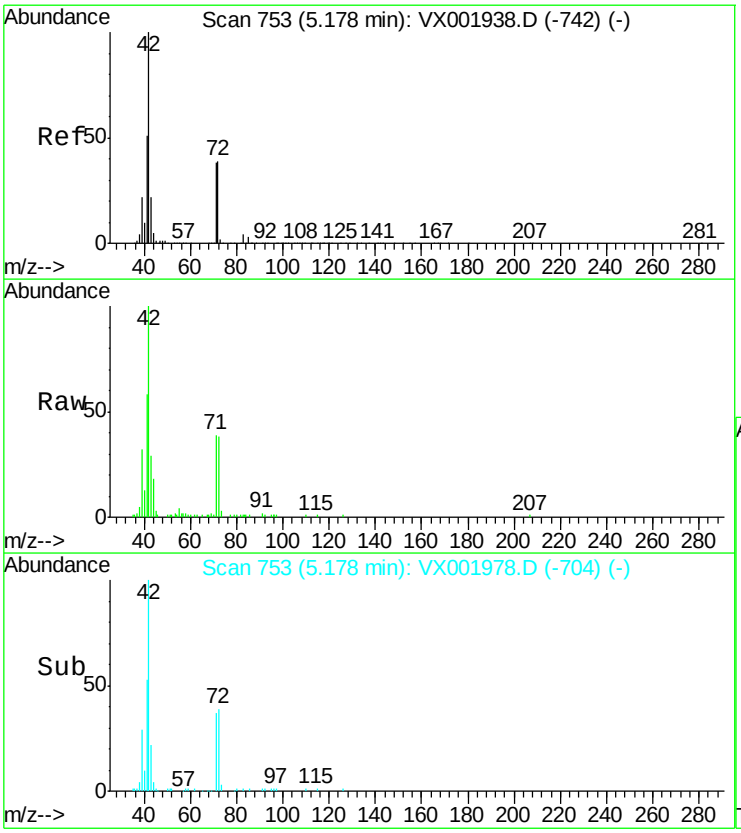
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 49 Resp: 49

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

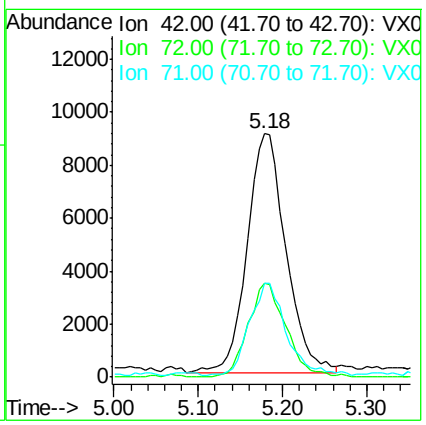


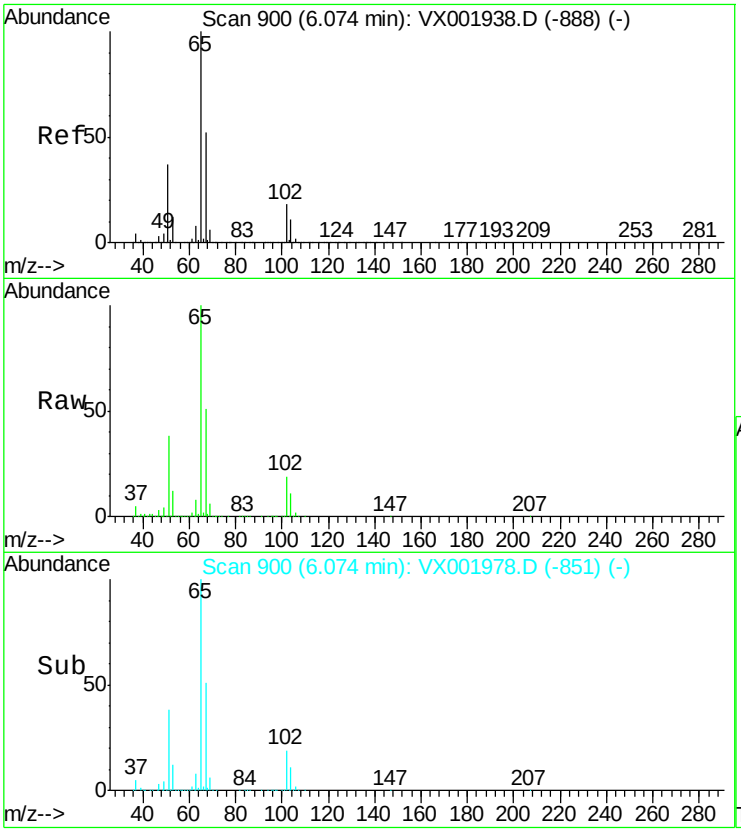


#29
Tetrahydrofuran
Concen: 11.21 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 42 Resp: 28291

Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.0
71	37.1	29.5	44.3



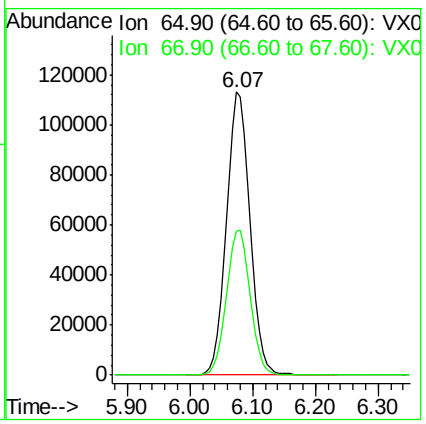


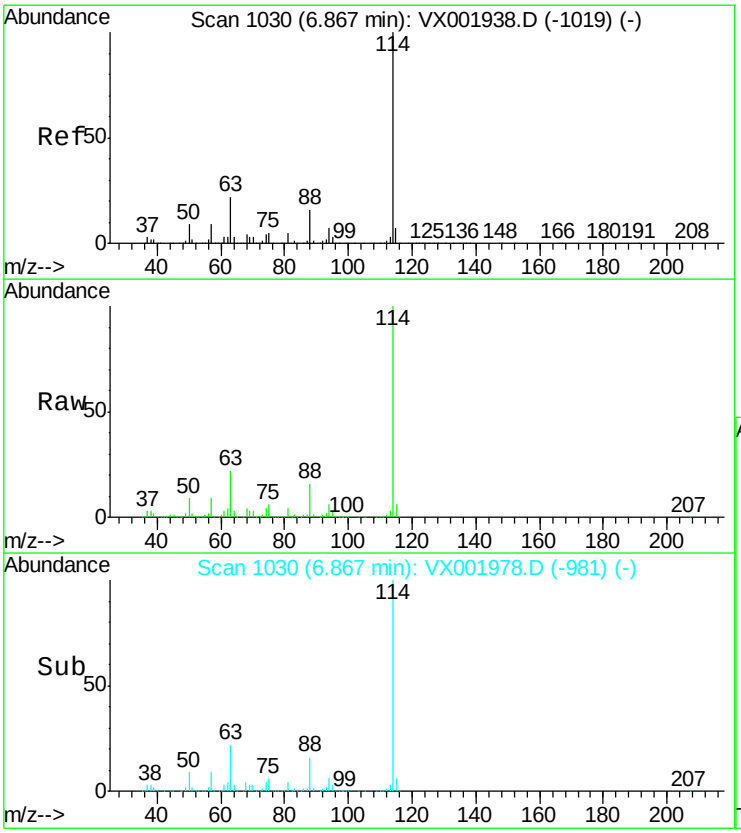
#33
1,2-Dichloroethane-d4
Concen: 53.47 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 65 Resp: 293359

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.0

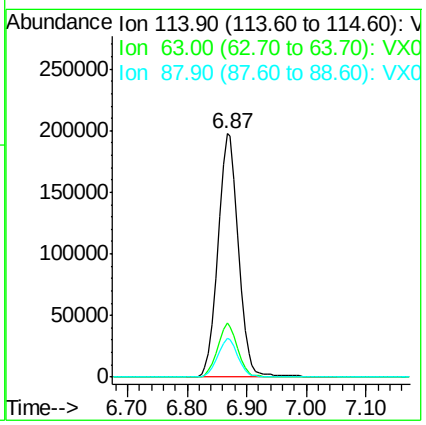


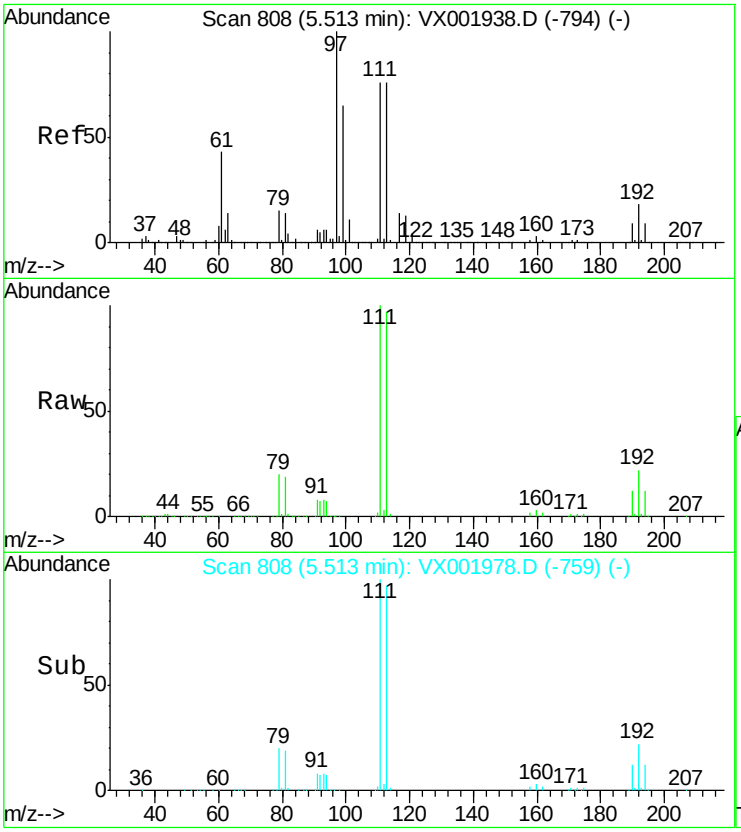


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion:114 Resp: 472153

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	16.2	0.0	31.6



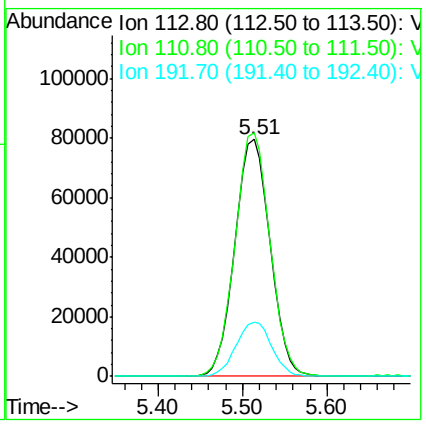


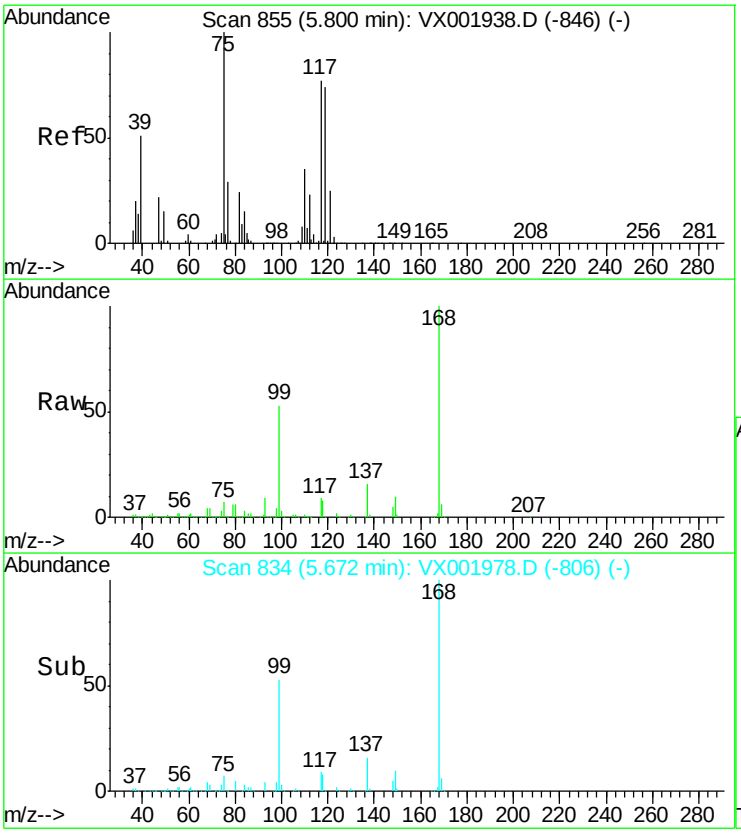
#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:113 Resp: 225752

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.4	18.9	28.3

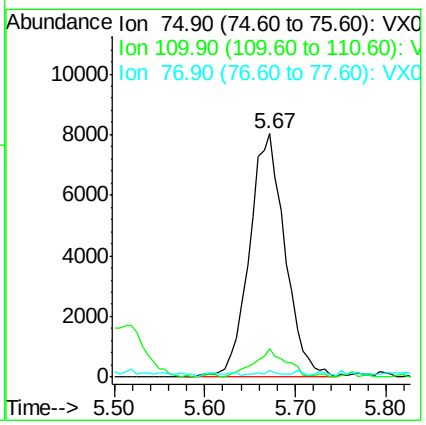


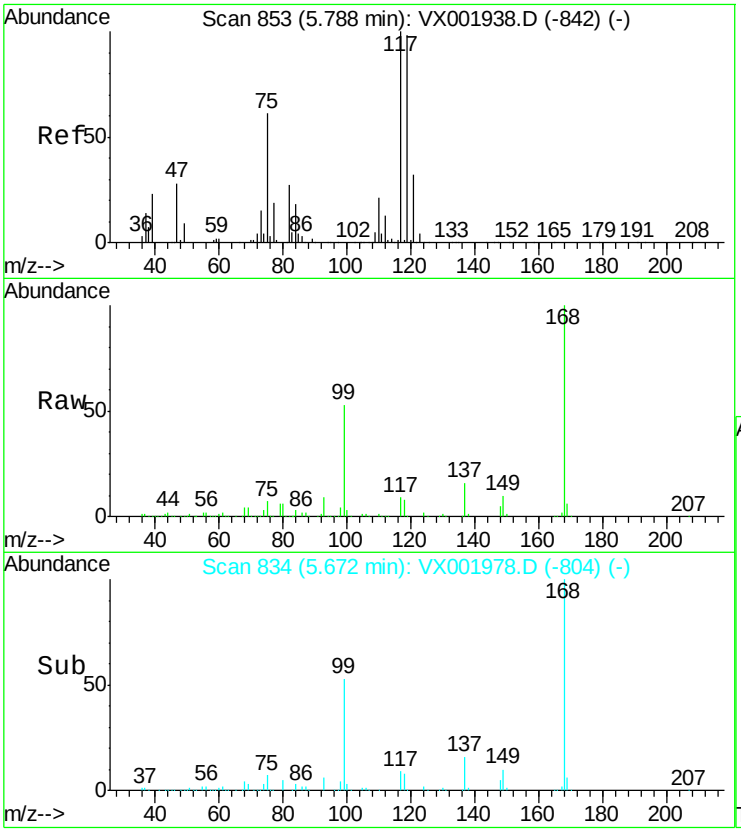


#36
1,1-Dichloropropene
Concen: 3.33 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 75 Resp: 21859

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.4	52.2#
77	1.3	24.4	36.6#



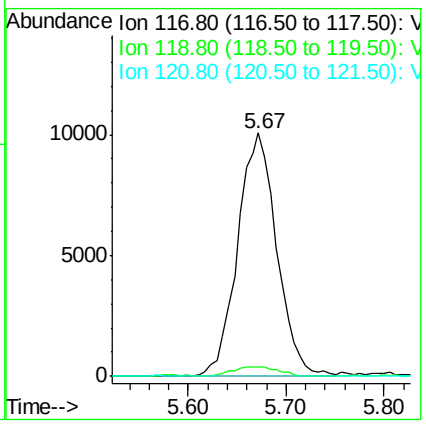


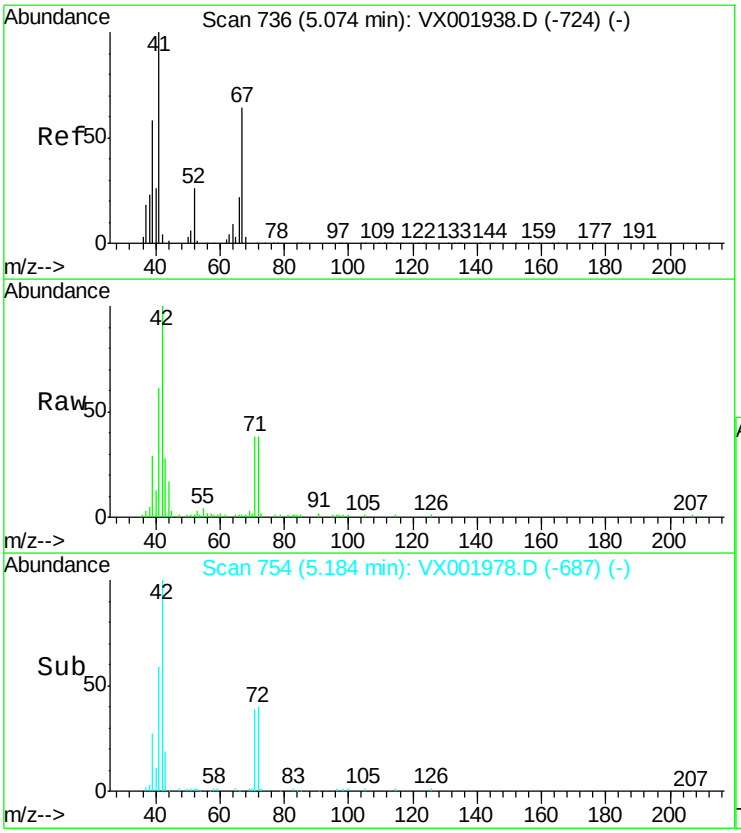
#38
Carbon Tetrachloride
Concen: 3.64 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:117 Resp: 27908

Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.5	117.7#
121	0.0	25.5	38.3#

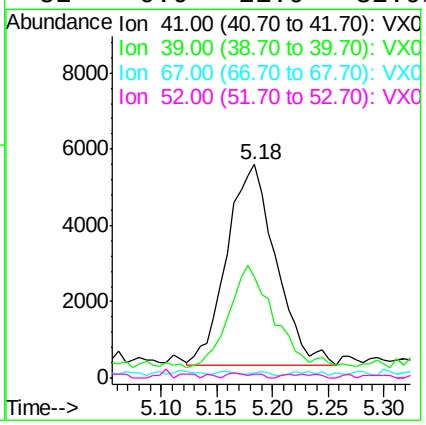


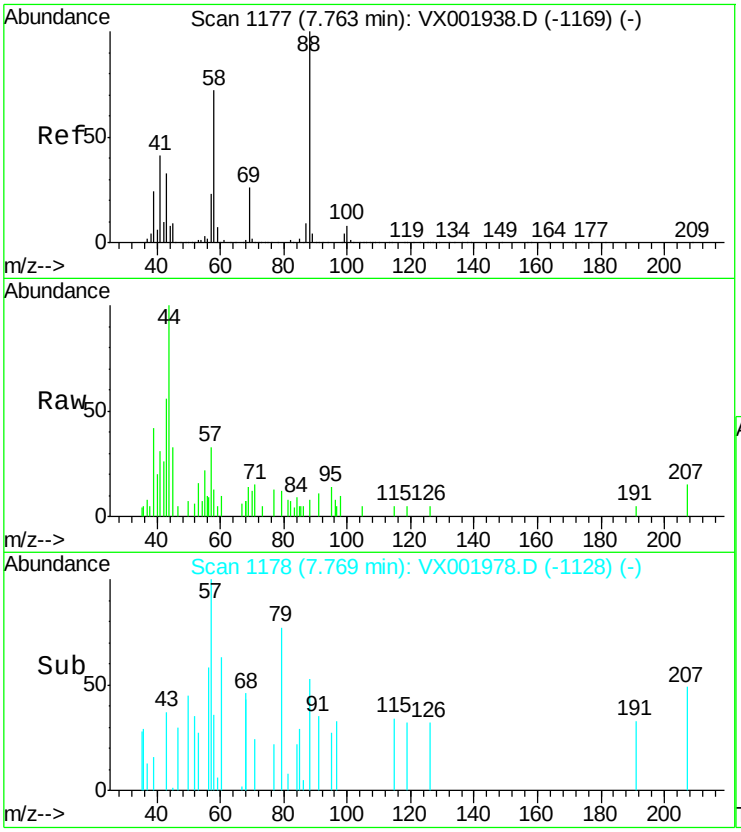


#41
Methacrylonitrile
Concen: 2.25 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.11 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 41 Resp: 16057

Ion	Ratio	Lower	Upper
41	100		
39	45.6	46.0	69.0#
67	0.6	50.6	75.8#
52	0.0	21.9	32.9#



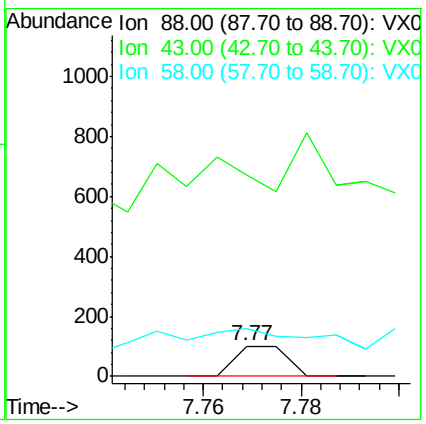


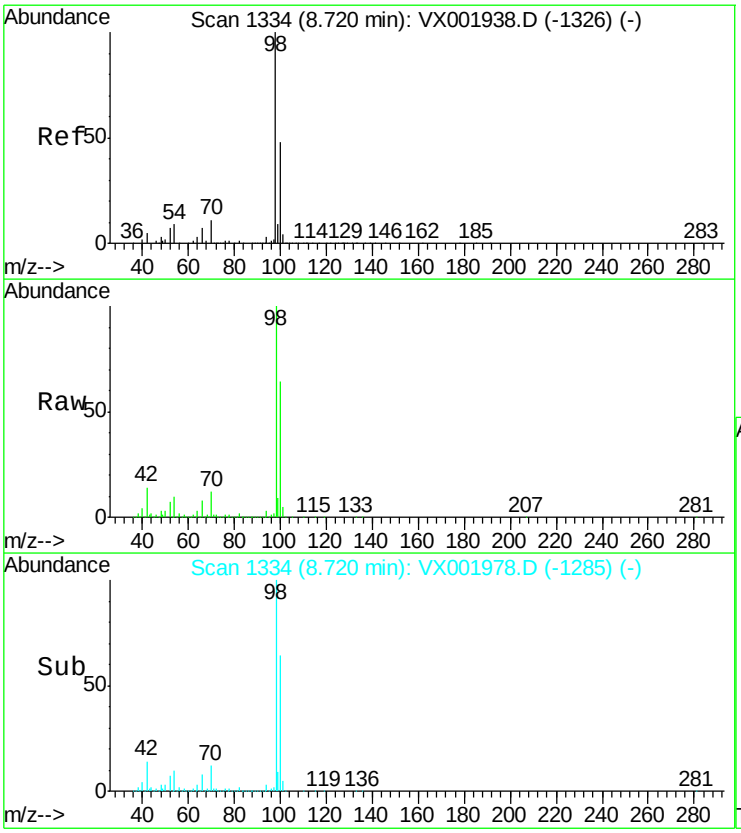
#49
1,4-Dioxane
Concen: 0.57 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	550.7	29.8	44.8#
58	212.3	58.7	88.1#

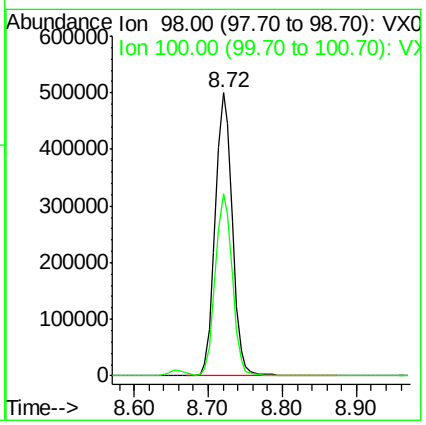


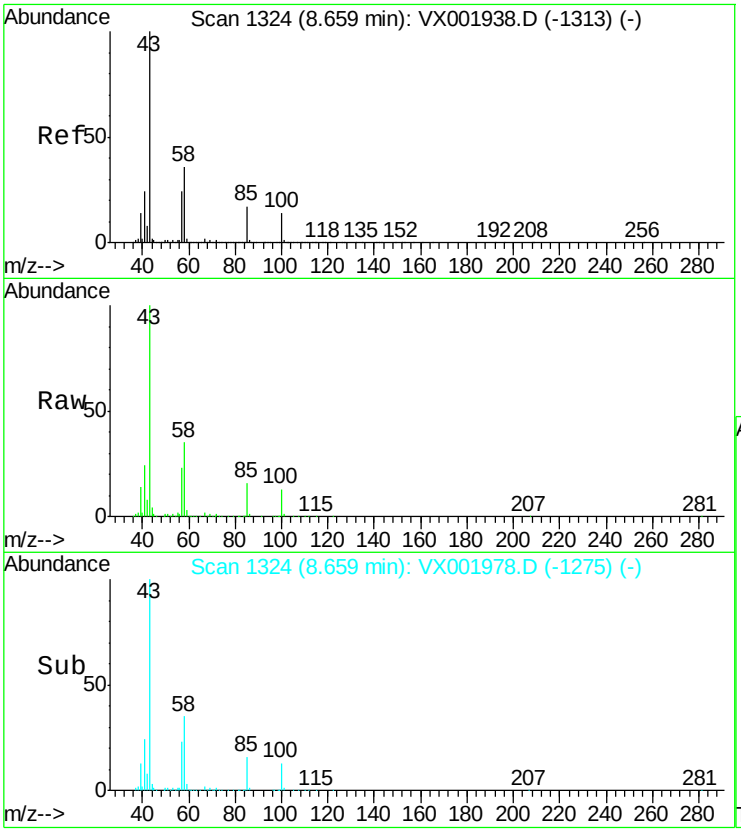


#50
Toluene-d8
Concen: 46.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 98 Resp: 790698

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



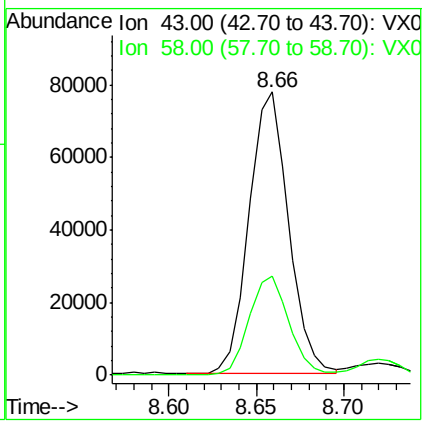


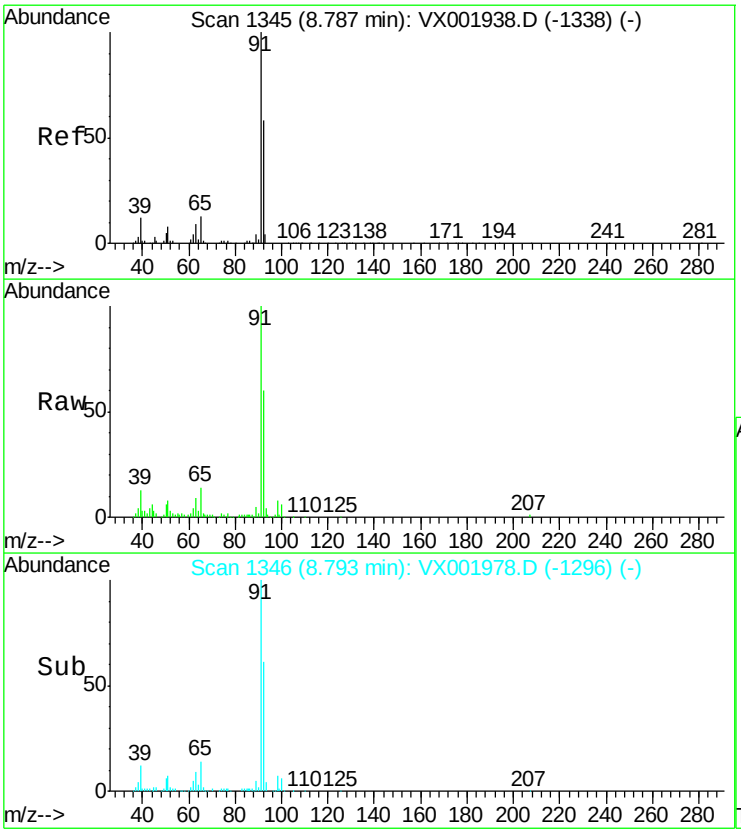
#51
4-Methyl-2-Pentanone
Concen: 14.25 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 43 Resp: 122565

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.5	42.7

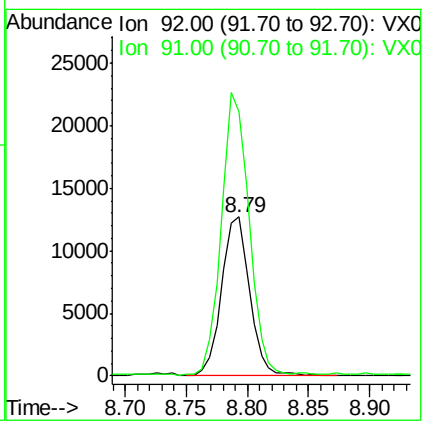


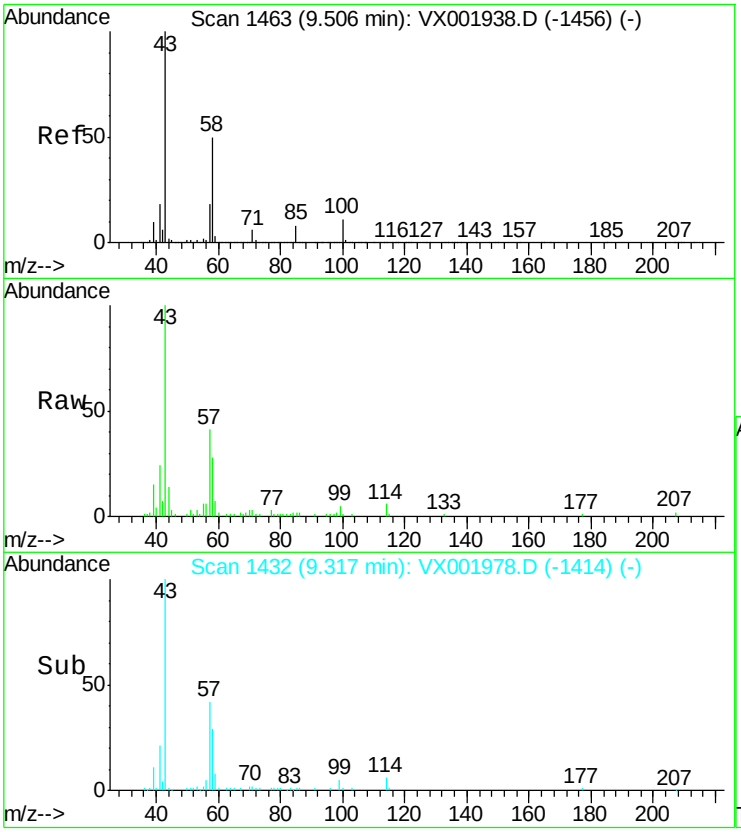


#52
Toluene
Concen: 1.66 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 92 Resp: 20313

Ion	Ratio	Lower	Upper
92	100		
91	173.2	139.4	209.2



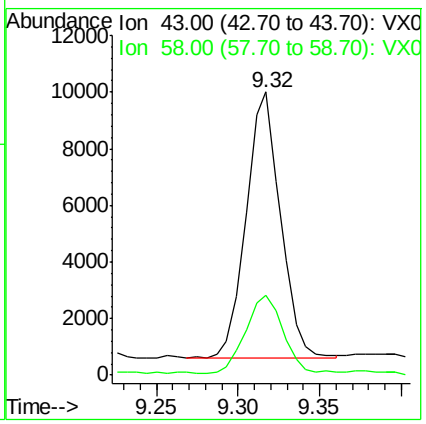


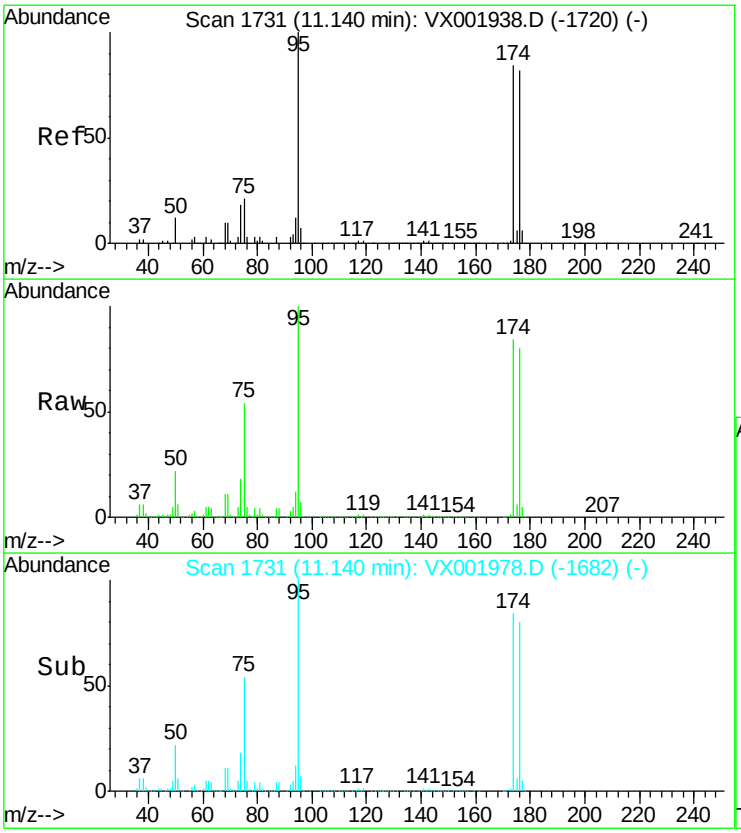
#59
2-Hexanone
Concen: 2.08 ug/l
RT: 9.32 min Scan# 1432
Delta R.T. -0.19 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 43 Resp: 13760

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.9	74.6

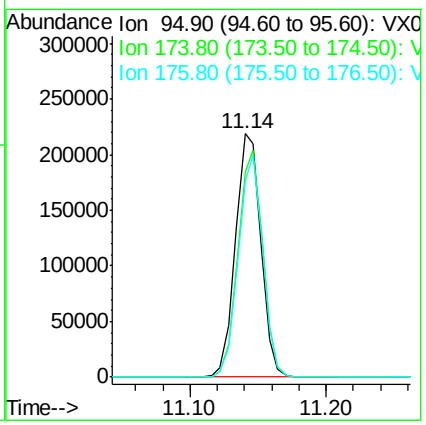


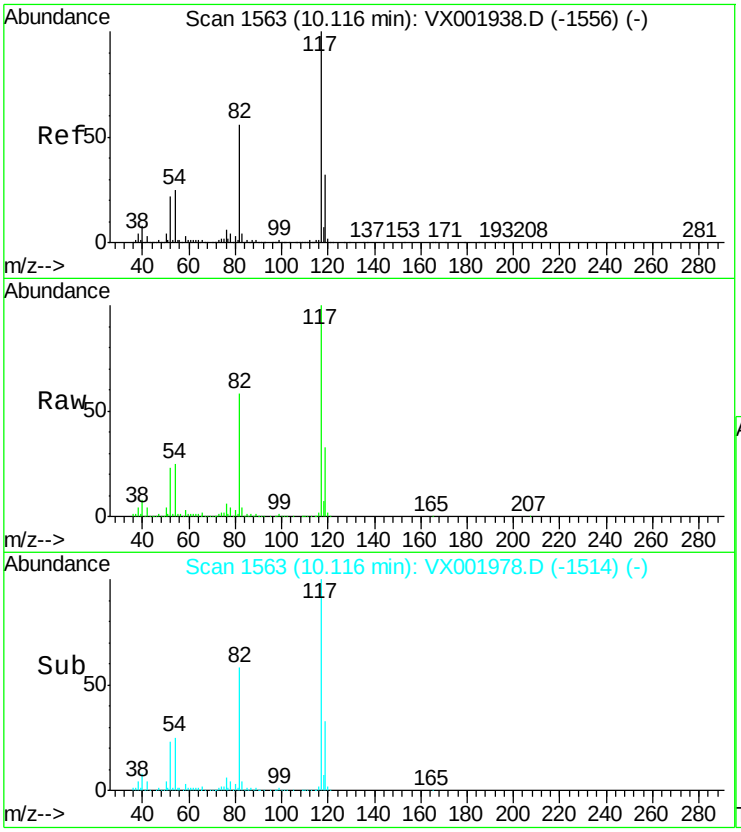


#62
4-Bromofluorobenzene
Concen: 42.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 95 Resp: 283509

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	178.8
176	88.1	0.0	175.6



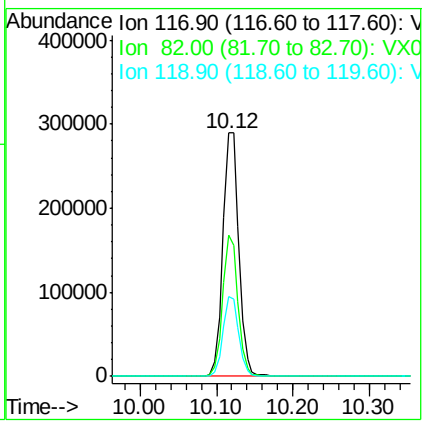


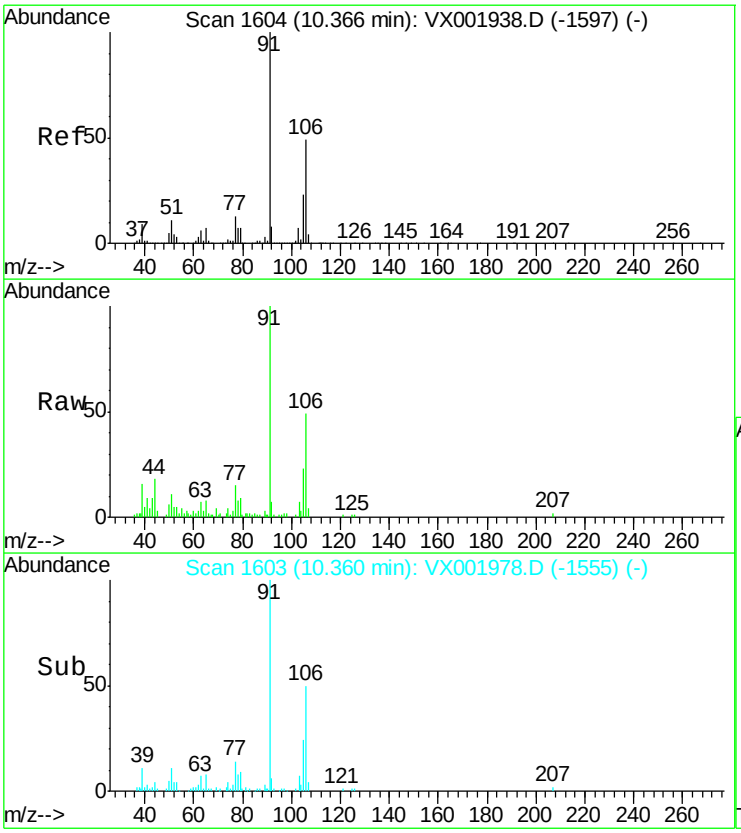
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:117 Resp: 415767

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.8	67.2
119	32.7	25.5	38.3

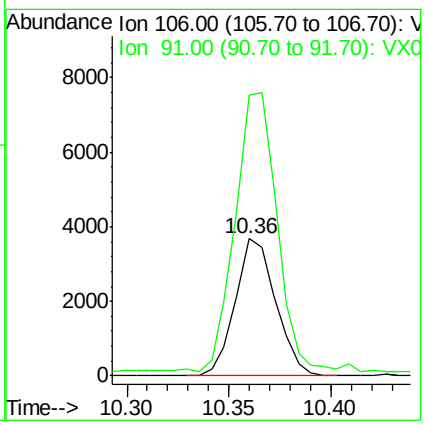


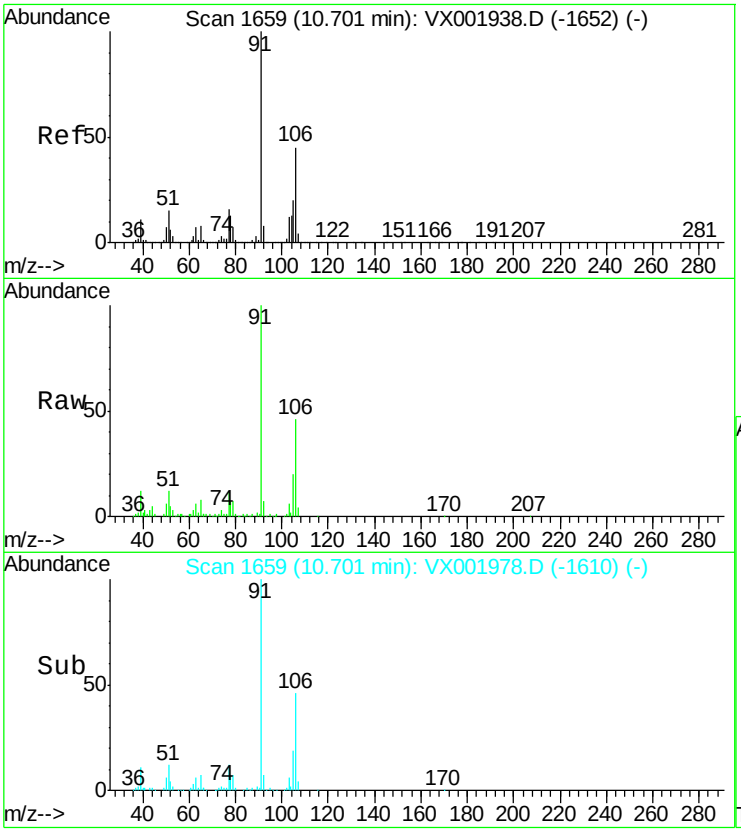


#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion:106 Resp: 5065

Ion	Ratio	Lower	Upper
106	100		
91	218.5	165.0	247.6



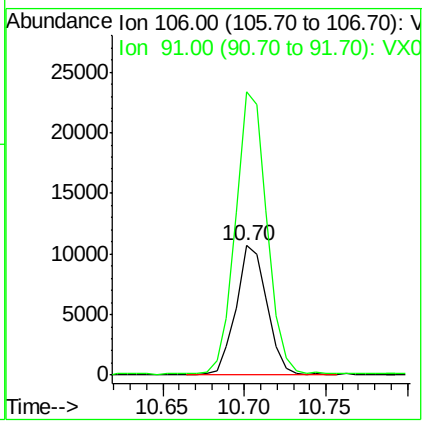


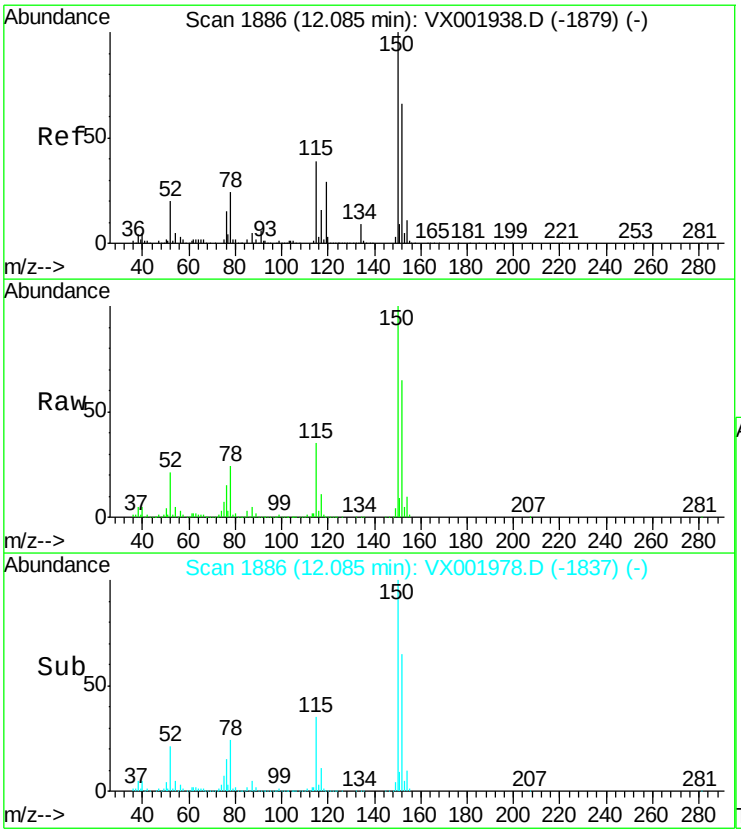
#69
o-Xylene
Concen: 1.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:106 Resp: 14216

Ion	Ratio	Lower	Upper
106	100		
91	218.9	108.7	325.9

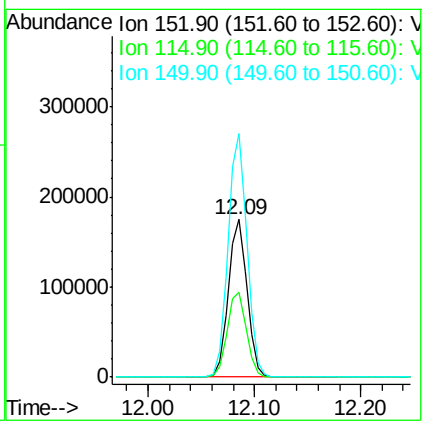


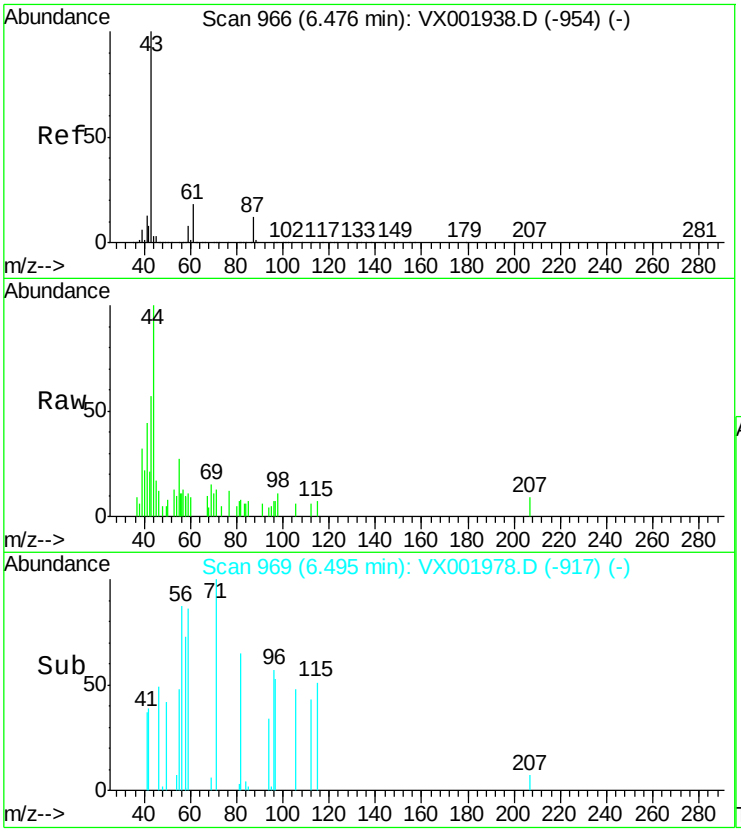


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion:152 Resp: 216402

Ion	Ratio	Lower	Upper
152	100		
115	55.2	42.3	126.8
150	155.3	0.0	351.0



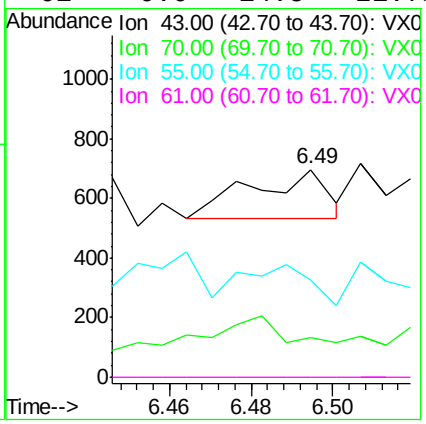


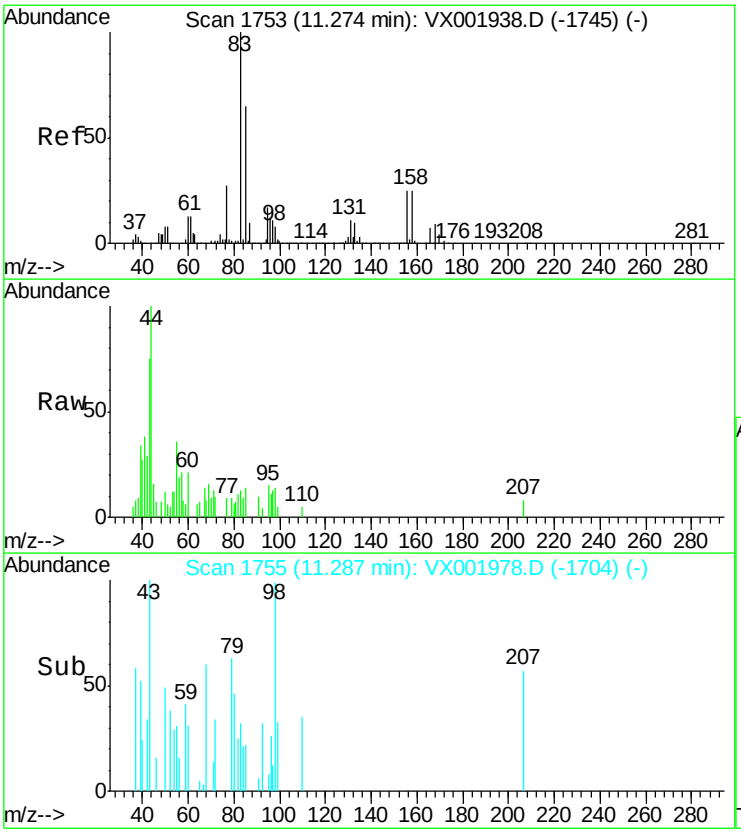
#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 43 Resp: 210

Ion	Ratio	Lower	Upper
43	100		
70	46.2	0.1	0.1#
55	39.0	0.1	0.1#
61	0.0	14.5	21.7#

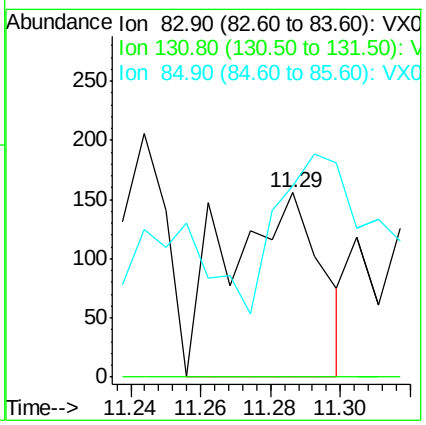


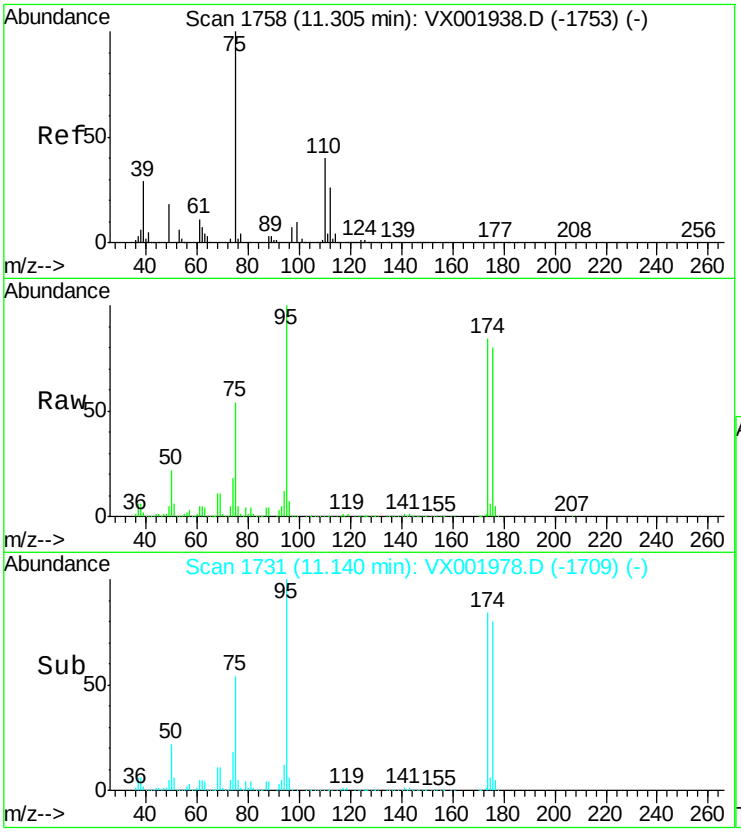


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 83 Resp: 291

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	84.2	32.6	97.7



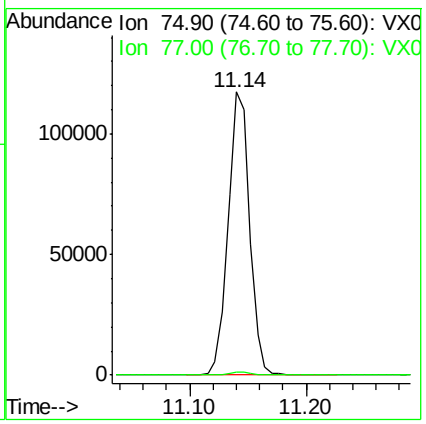


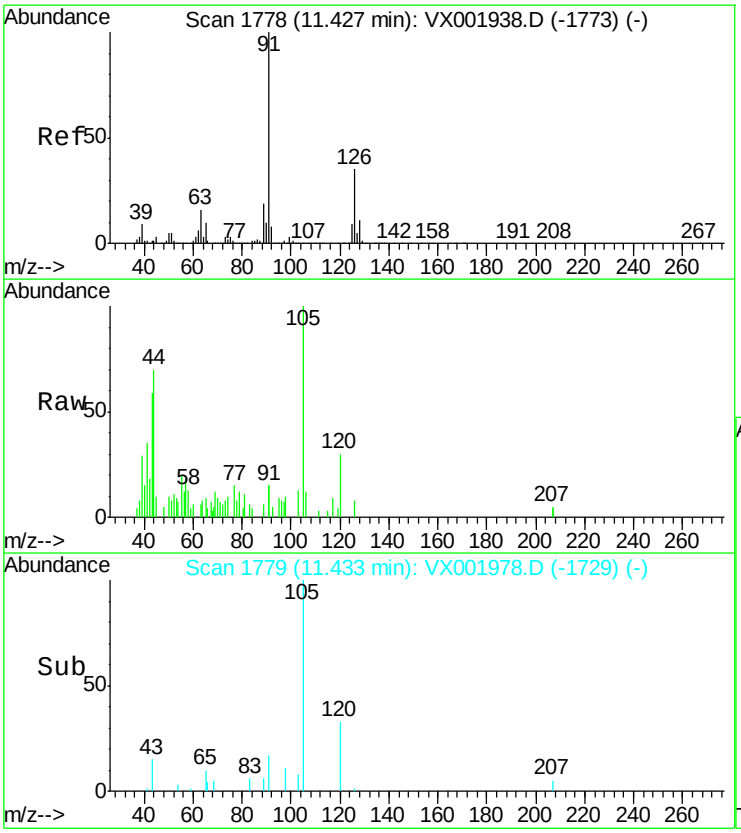
#76
1,2,3-Trichloropropane
Concen: 28.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 75 Resp: 150599

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

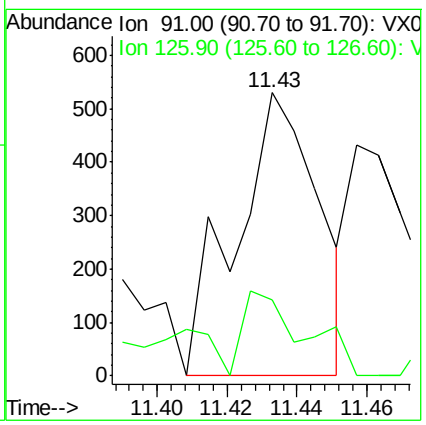


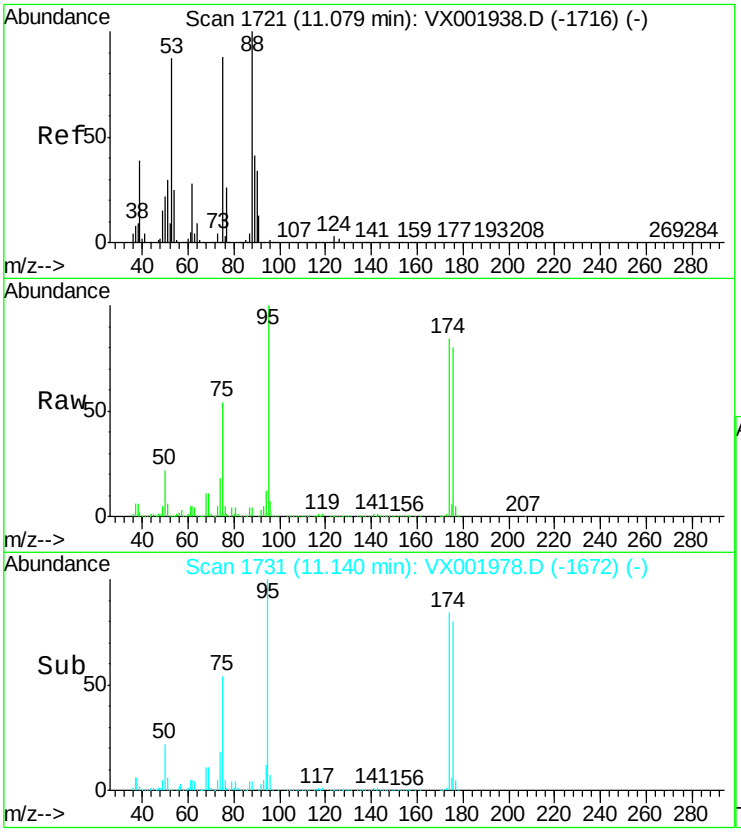


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion: 91 Resp: 869

Ion	Ratio	Lower	Upper
91	100		
126	22.4	17.4	52.2



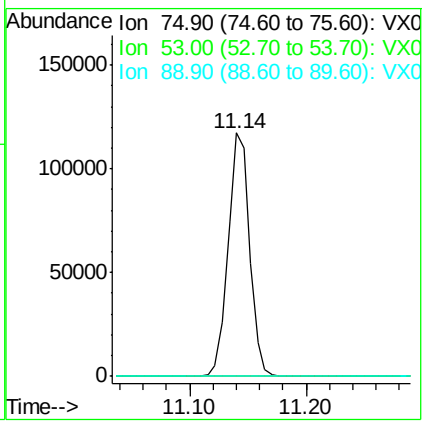


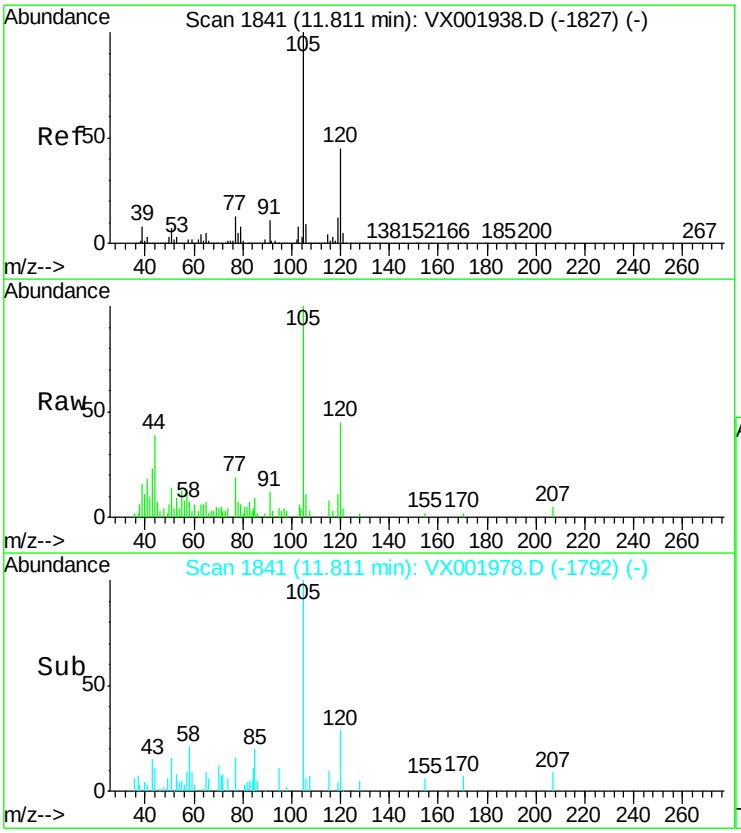
#81
trans-1,4-Dichloro-2-butene
Concen: 69.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion: 75 Resp: 150599

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.0	117.0#
89	0.0	39.4	59.2#

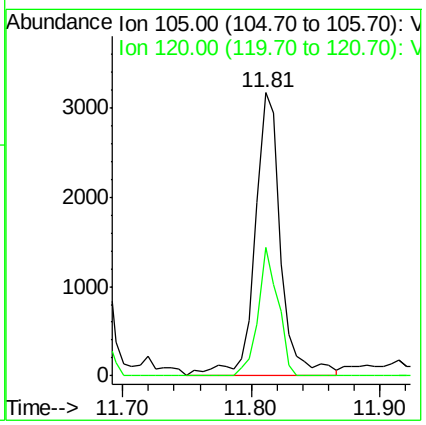


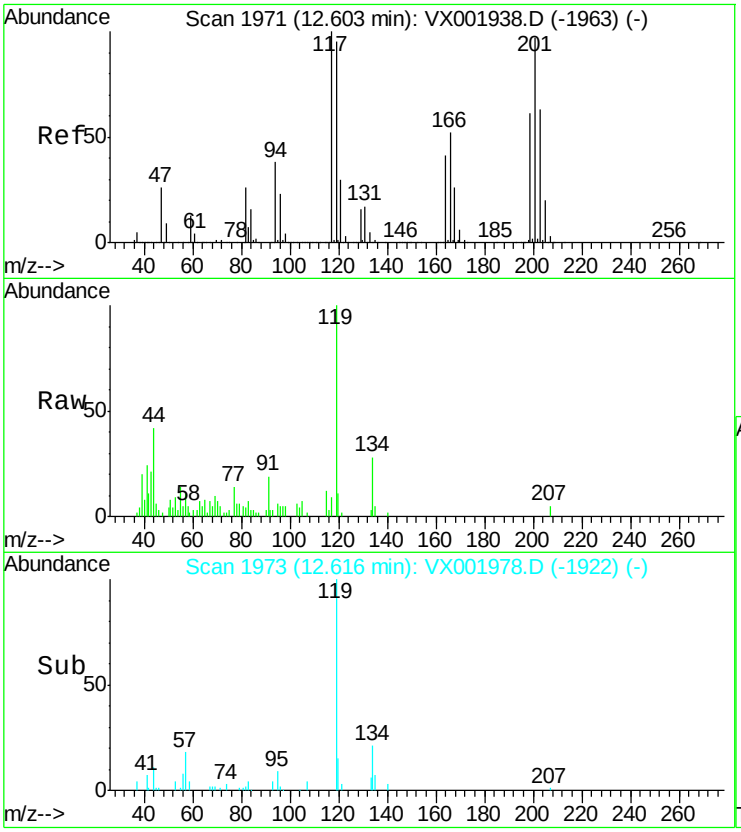


#84
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion:105 Resp: 4351

Ion	Ratio	Lower	Upper
105	100		
120	34.9	22.1	66.5



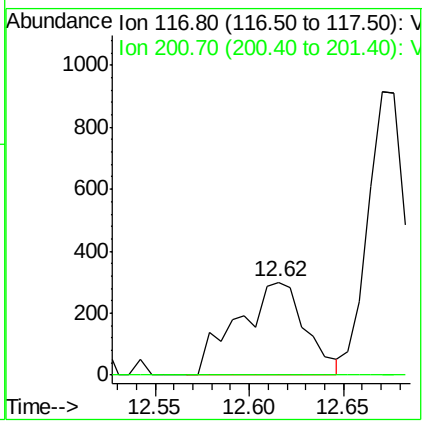


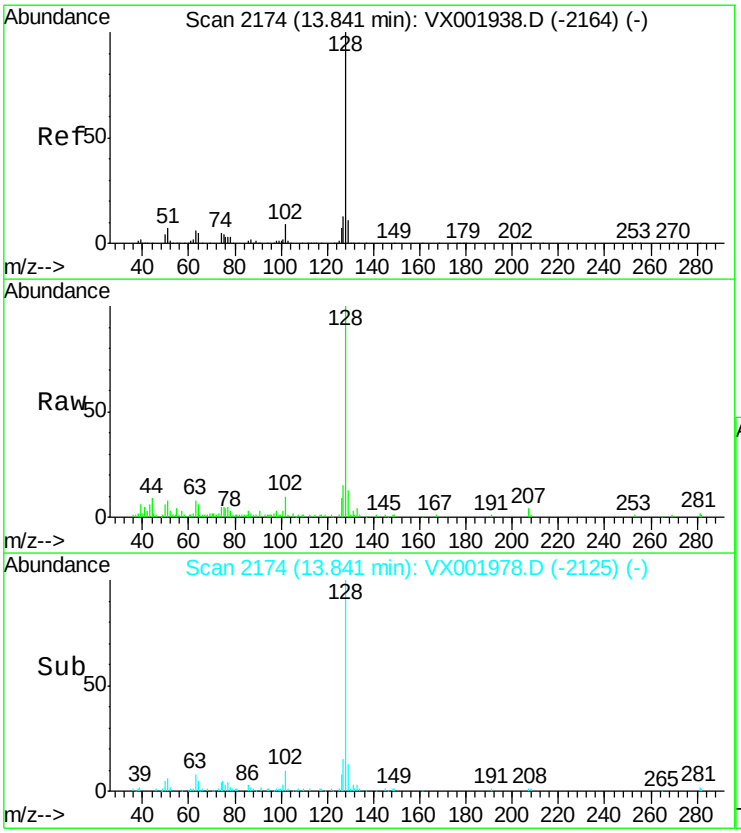
#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.62 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Instrument :
MSVOA_X
ClientSampleId :
HS-BASELINE-WATER

Tgt Ion:117 Resp: 742

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.0	144.0#





#95
Naphthalene
Concen: 0.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001978.D
Acq: 25 May 2018 15:43

Tgt Ion:128 Resp: 16026

Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.4	15.6#
129	17.5	8.8	13.2#