Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006664.D
Acq On : 20 Dec 2018 10:01
Operator : JC/MD
Sample : J6488-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Quant Time: Dec 21 03:27:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	661199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	962112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355775	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
35) Dibromofluoromethane	5.50	113	307861	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
50) Toluene-d8	8.71	98	1219660	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
62) 4-Bromofluorobenzene	11.13	95	443131	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
Target Compounds						Qvalue
5) Bromomethane	1.61	94	387	Below Cal		91
13) Acrolein	2.31	56	222	0.207	ug/l #	1
15) Acrylonitrile	3.13	53	965	0.273	ug/l #	43
16) Acetone	2.46	43	926	0.283	ug/l	94
20) Methylene Chloride	2.86	84	2093	0.309	ug/l #	69
28) Bromochloromethane	5.02	49	213	Below Cal #		84
31) Cyclohexane	5.66	56	11405	1.156	ug/l #	13
36) 1,1-Dichloropropene	5.67	75	43885	5.085	ug/l #	49
38) Carbon Tetrachloride	5.67	117	60158	7.172	ug/l #	14
49) 1,4-Dioxane	7.77	88	61	Below Cal #		1
60) Dibromochloromethane	9.59	129	86	2.335	ug/l	85
76) 1,2,3-Trichloropropane	11.13	75	207071	24.339	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	207071	72.033	ug/l #	10
90) Hexachloroethane	12.53	117	21	3.298	ug/l	53

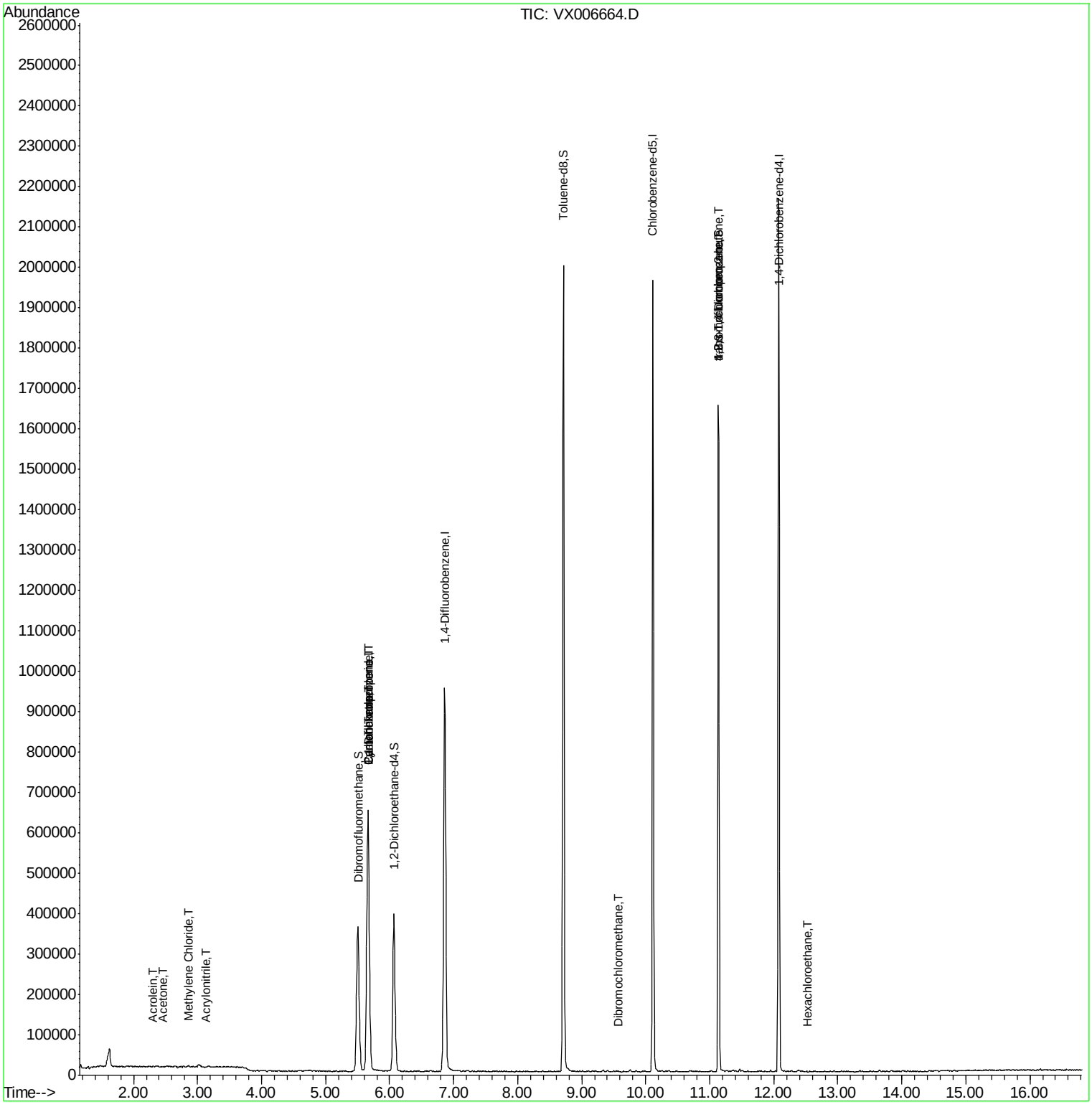
(#) = qualifier out of range (m) = manual integration (+) = signals summed

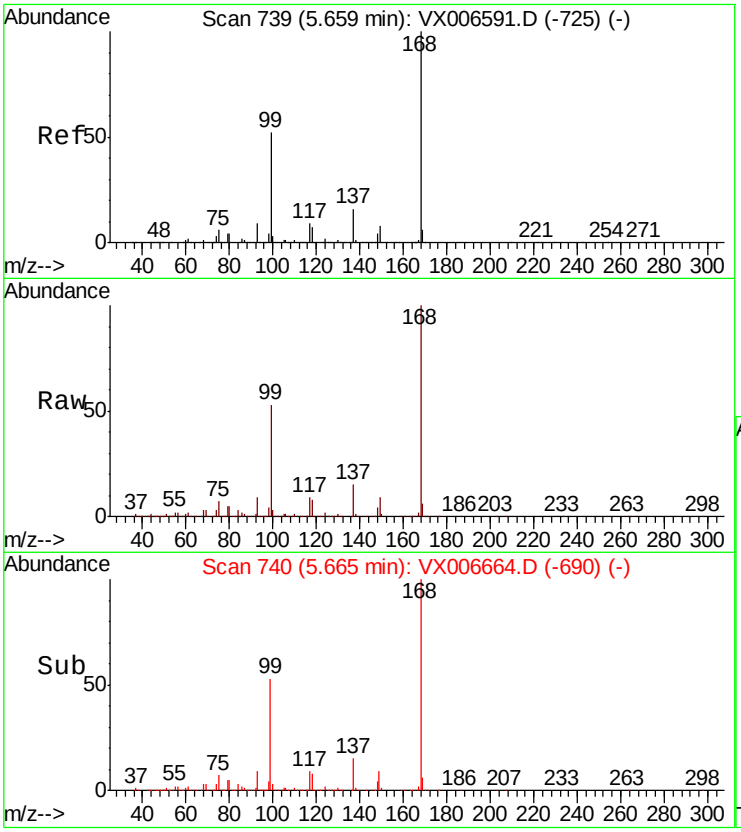
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006664.D
Acq On : 20 Dec 2018 10:01
Operator : JC/MD
Sample : J6488-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Quant Time: Dec 21 03:27:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



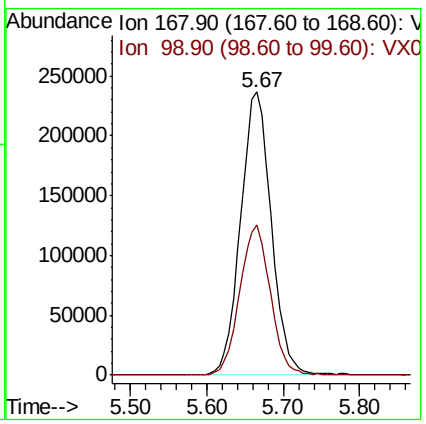


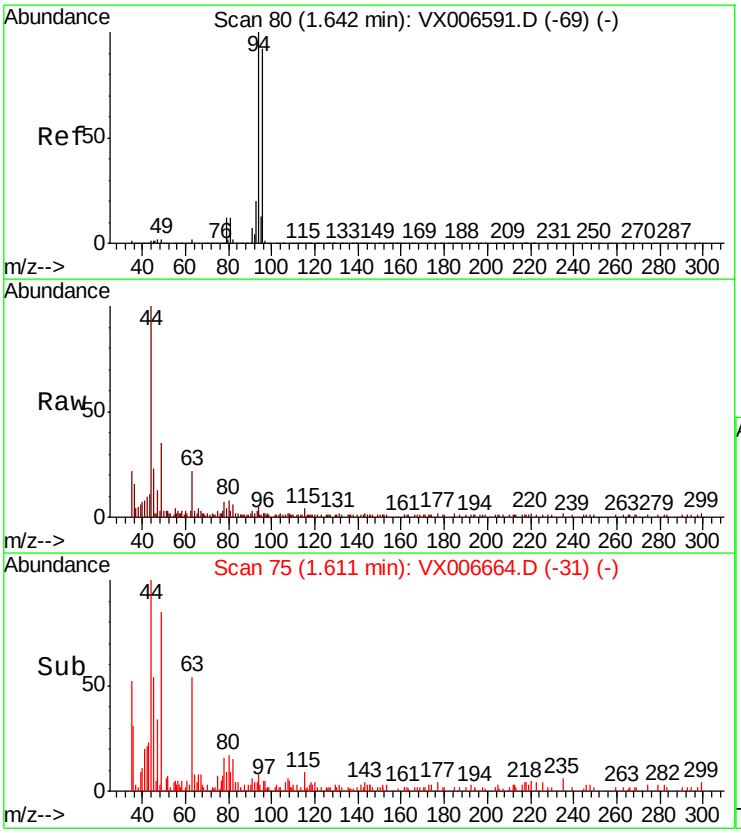
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion:168 Resp: 661199

Ion	Ratio	Lower	Upper
168	100		
99	53.1	41.8	62.8

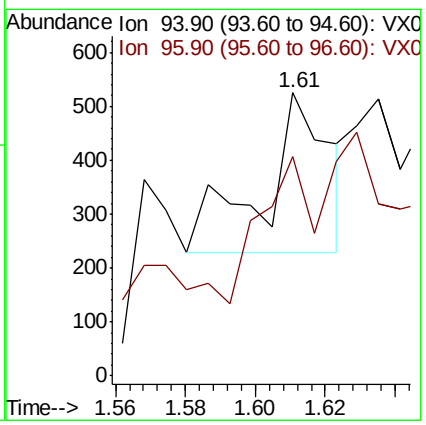


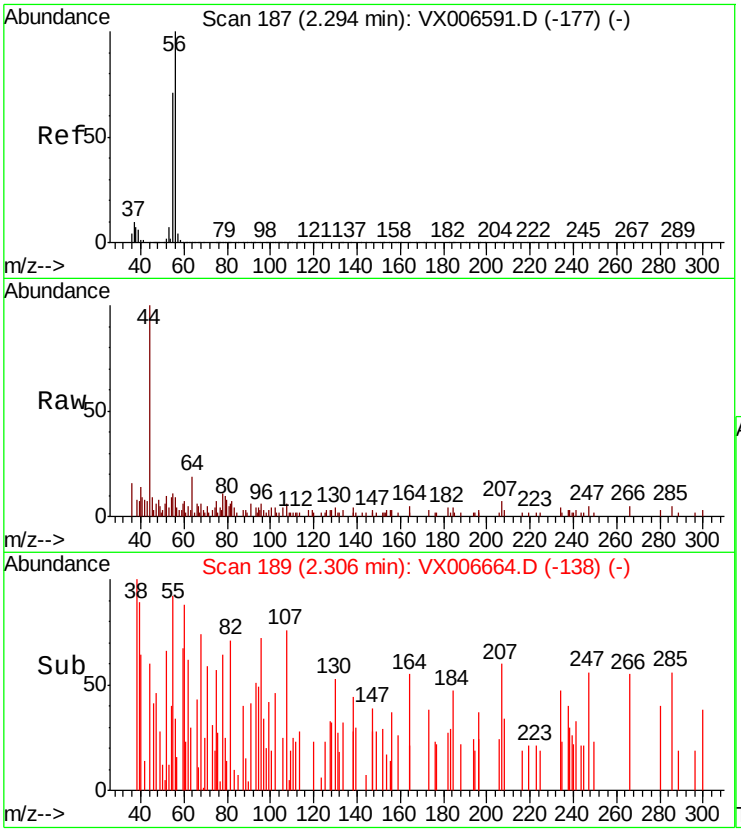


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 75
Delta R.T. -0.03 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 94 Resp: 387

Ion	Ratio	Lower	Upper
94	100		
96	83.4	73.4	110.2



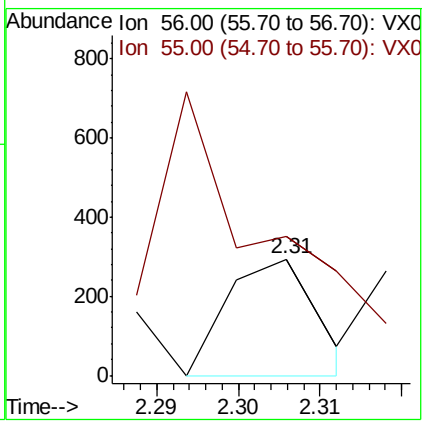


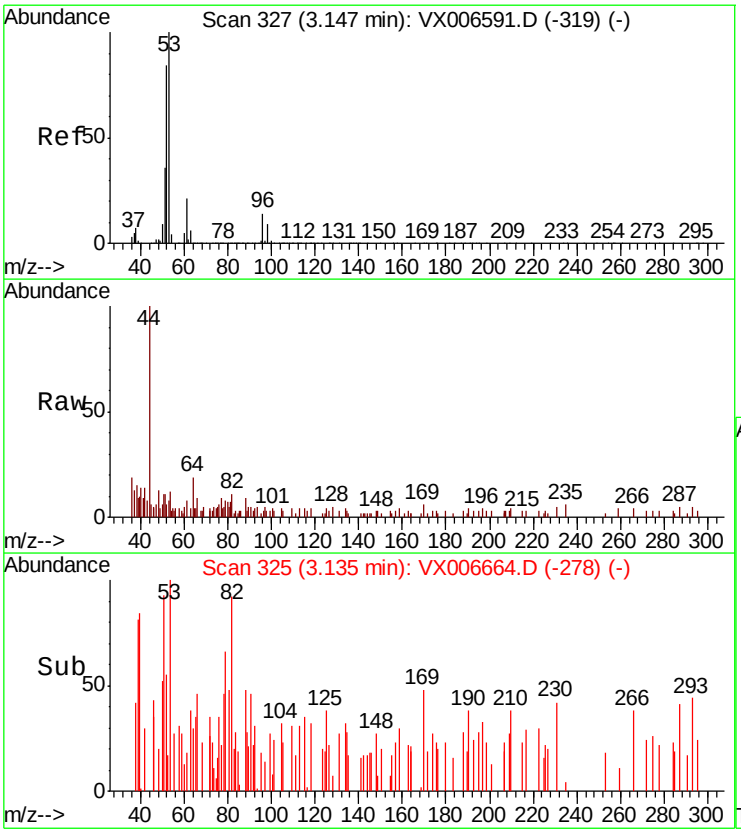
#13
Acrolein
Concen: 0.207 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Tgt Ion: 56 Resp: 222

Ion	Ratio	Lower	Upper
56	100		
55	306.8	58.2	87.4#

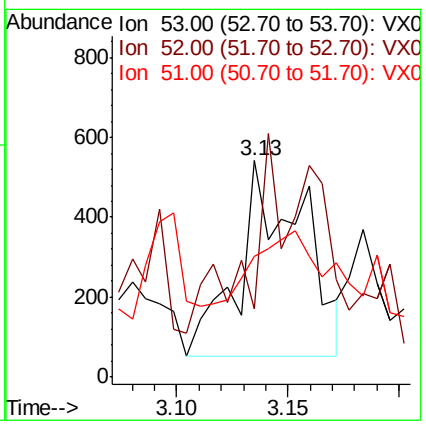


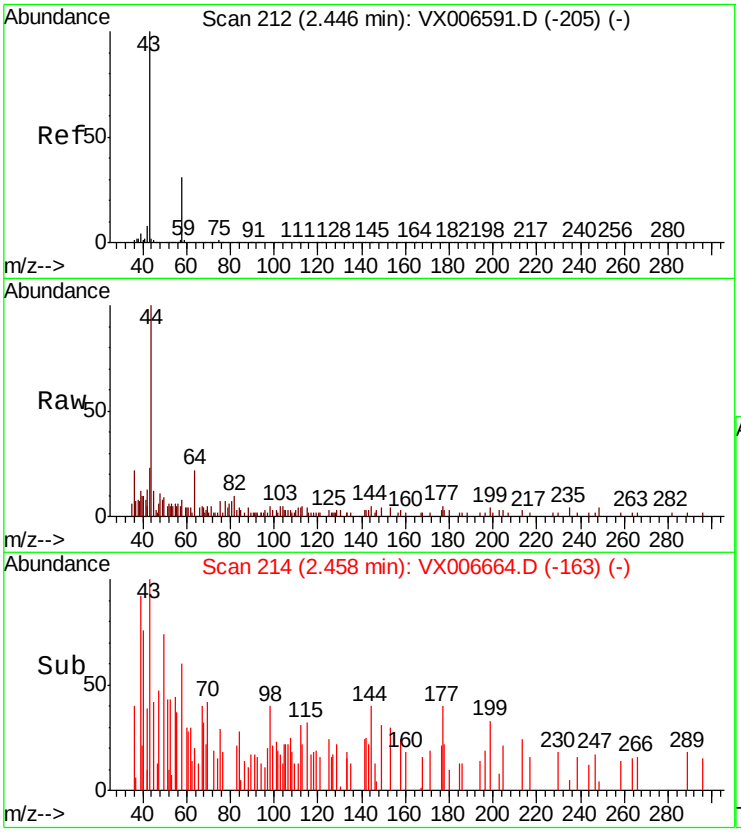


#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 3.13 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 53 Resp: 965

Ion	Ratio	Lower	Upper
53	100		
52	24.2	66.0	99.0#
51	59.3	28.6	42.8#



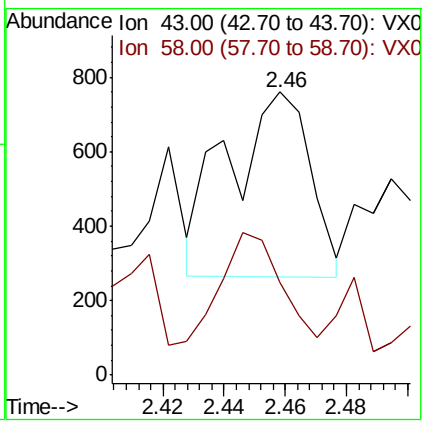


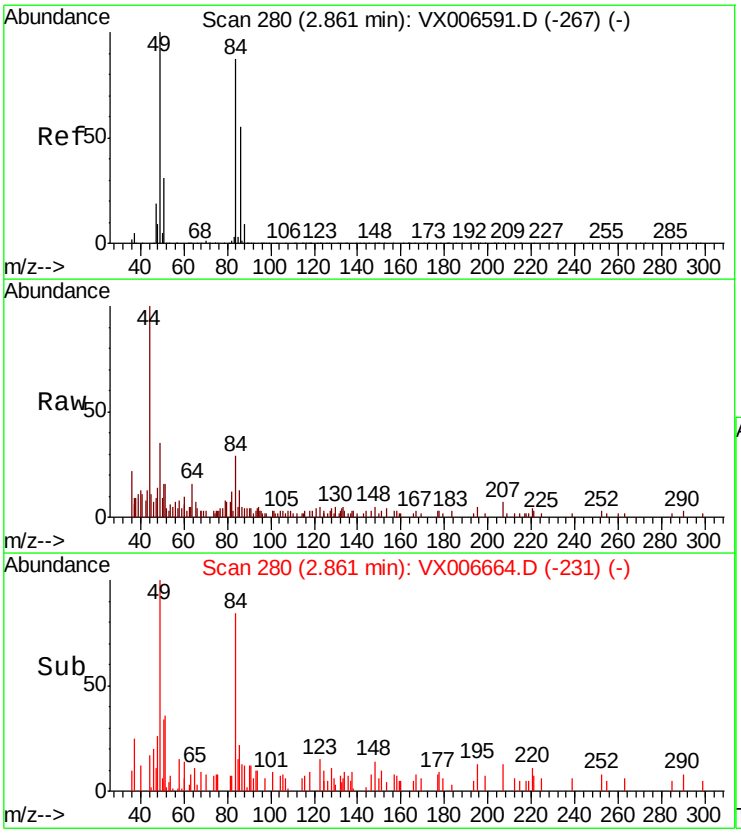
#16
Acetone
Concen: 0.283 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Tgt Ion: 43 Resp: 926

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.0	37.6

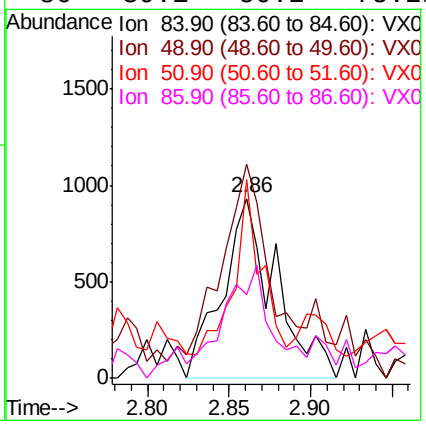


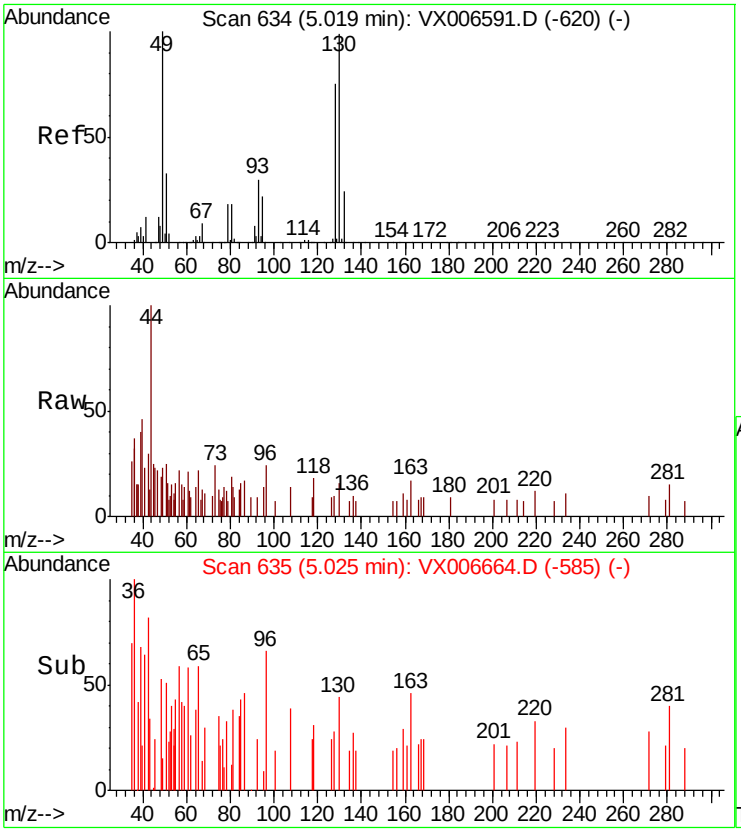


#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 84 Resp: 2093

Ion	Ratio	Lower	Upper
84	100		
49	105.8	91.8	137.6
51	96.8	28.5	42.7#
86	39.1	50.2	75.2#



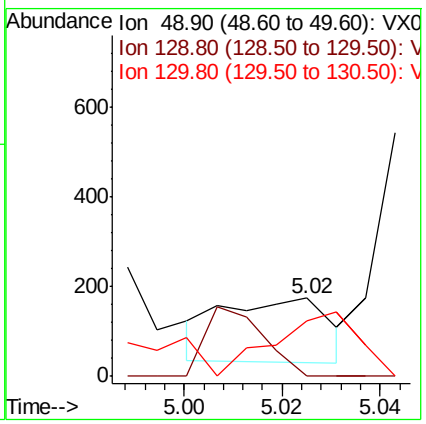


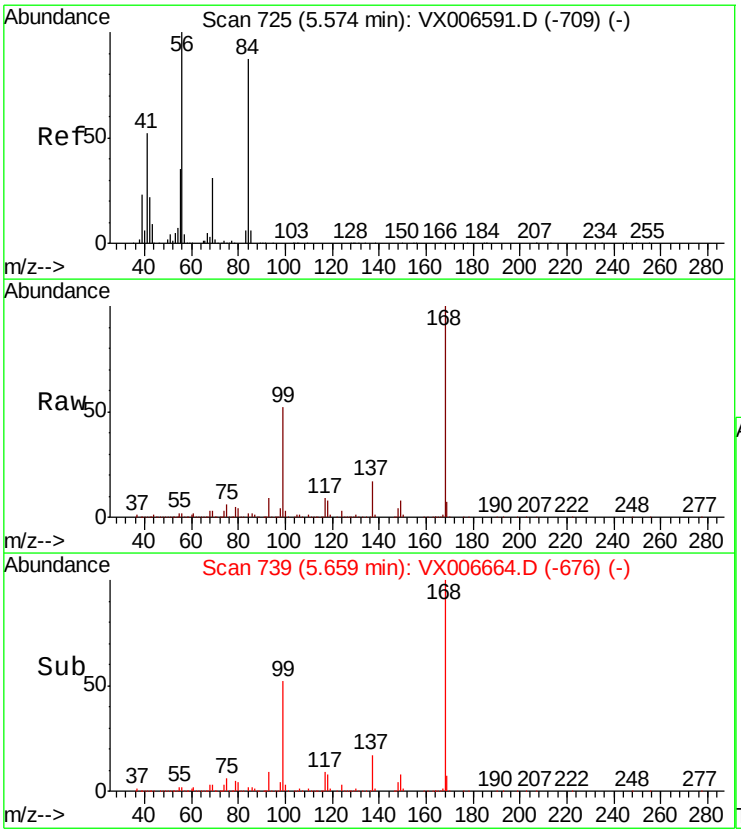
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Tgt Ion: 49 Resp: 213

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	80.8	77.7	116.5

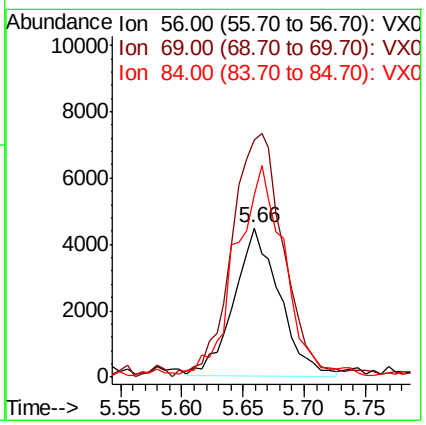


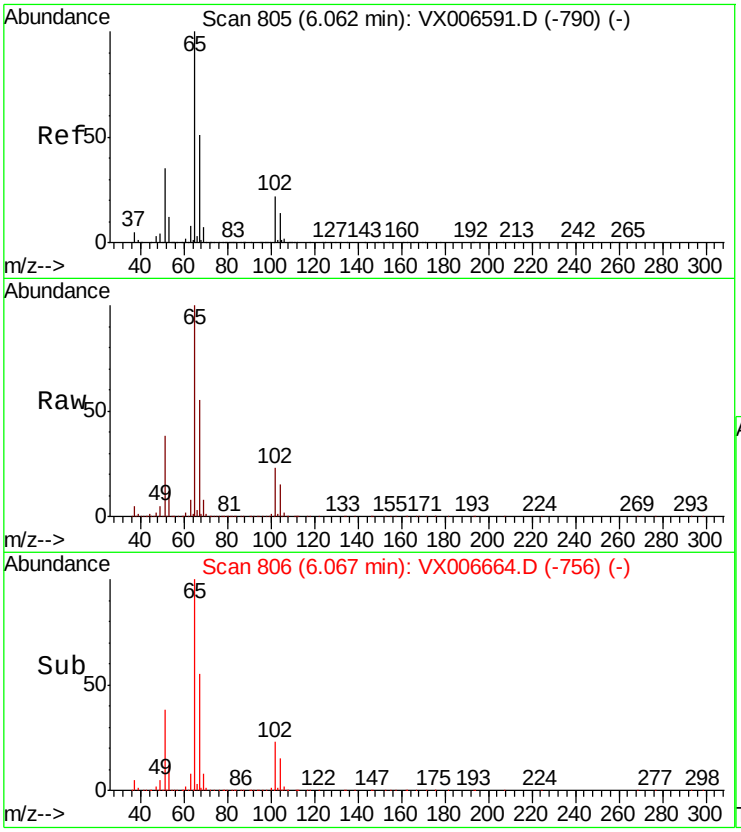


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 56 Resp: 11405

Ion	Ratio	Lower	Upper
56	100		
69	158.6	24.4	36.6#
84	120.0	70.0	105.0#



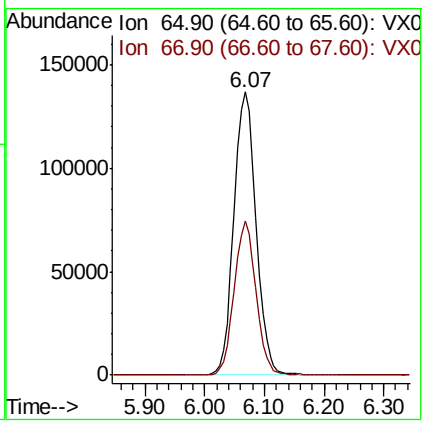


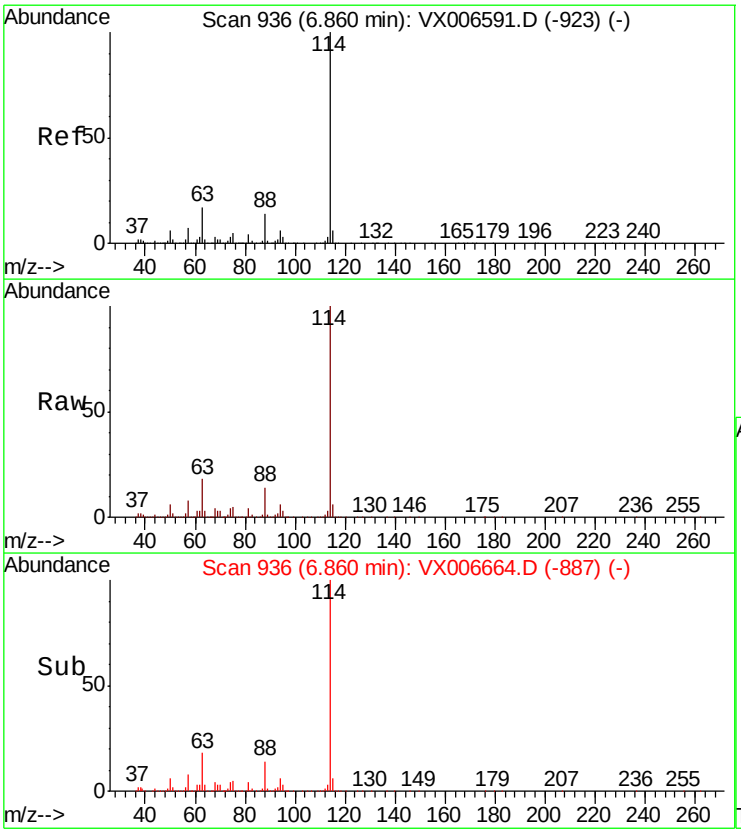
#33
1,2-Dichloroethane-d4
Concen: 49.926 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Tgt Ion: 65 Resp: 355775

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

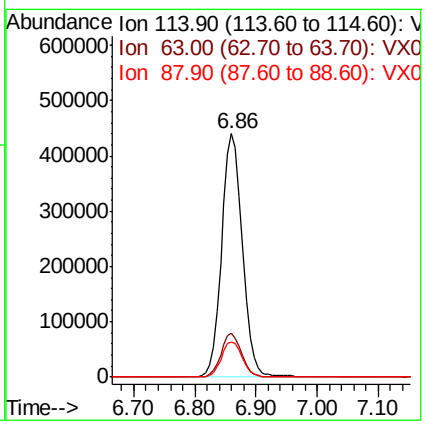


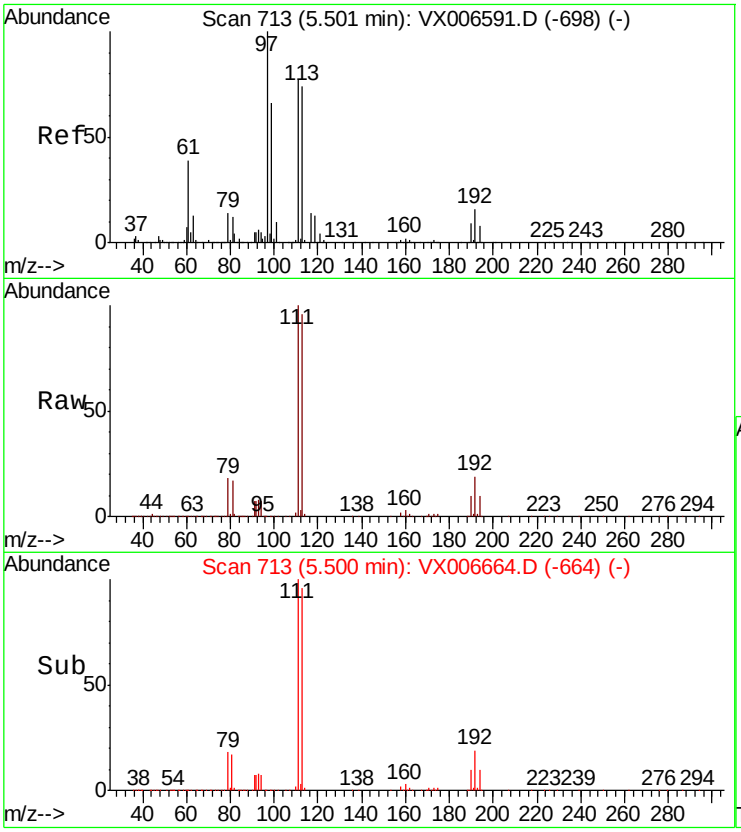


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion:114 Resp: 1042052

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	14.4	0.0	28.8



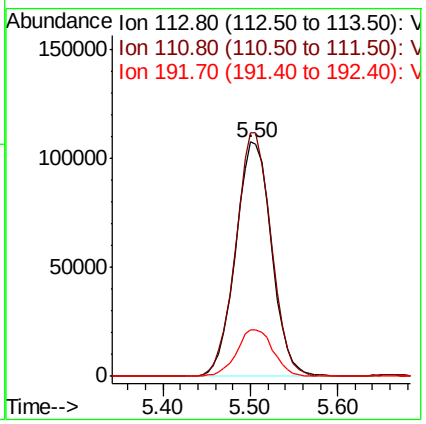


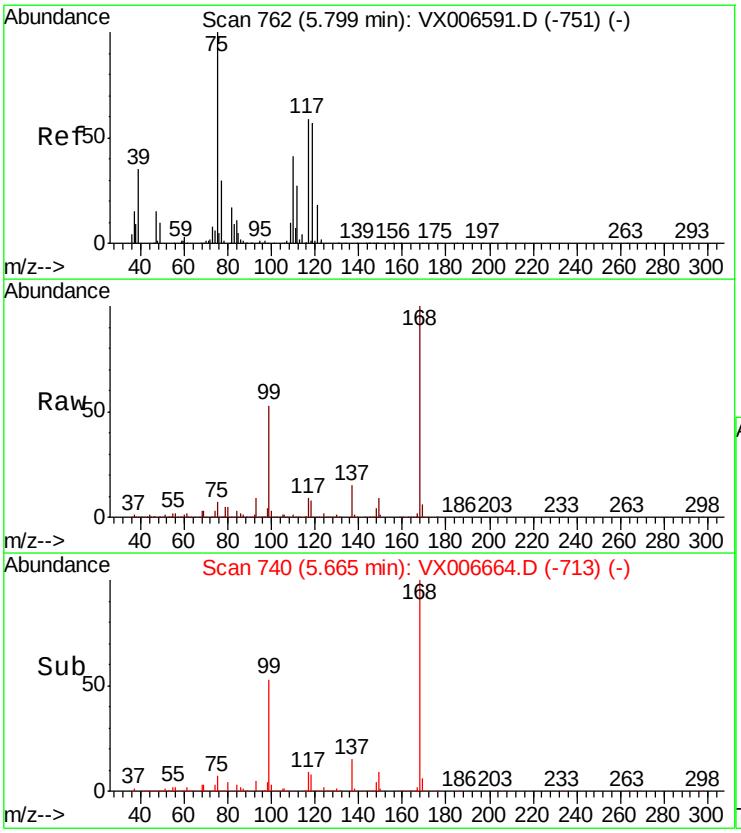
#35
Dibromofluoromethane
Concen: 46.718 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion:113 Resp: 307861

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	20.4	16.7	25.1

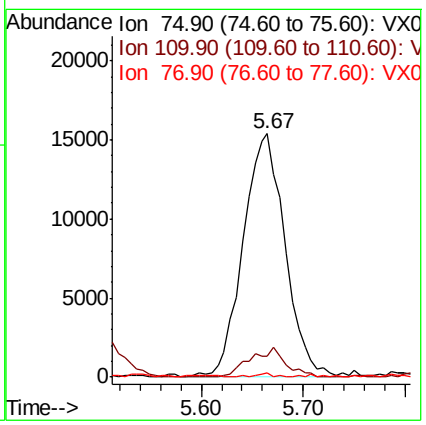


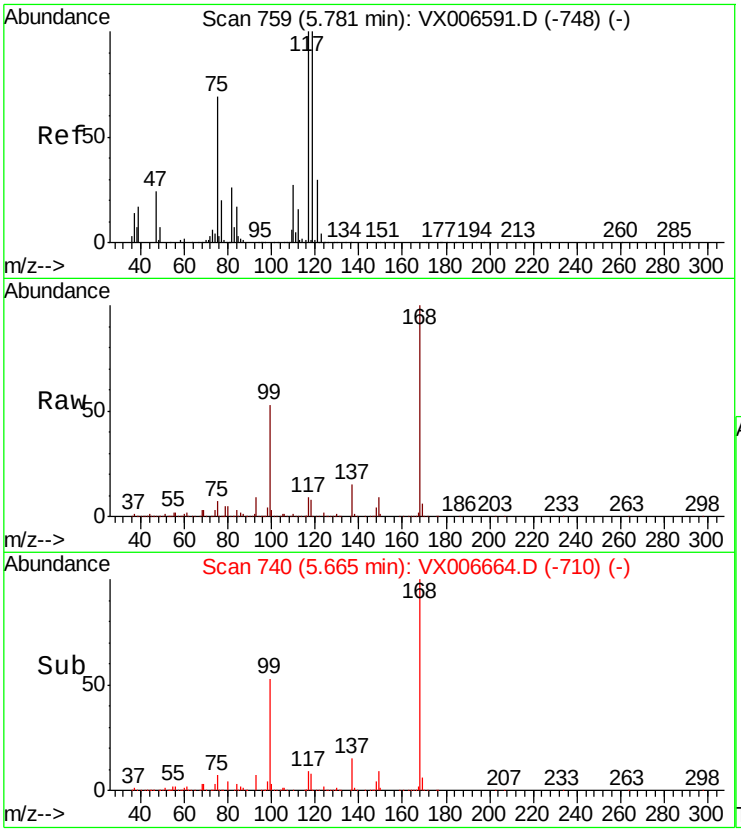


#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 75 Resp: 43885

Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	0.9	24.8	37.2#



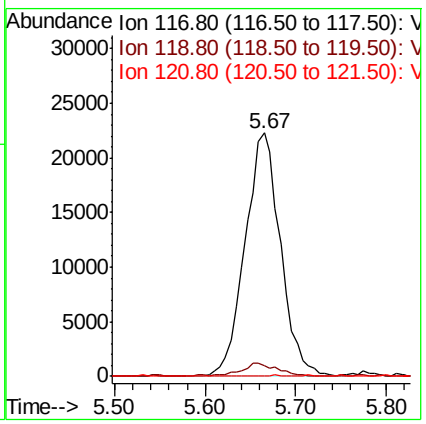


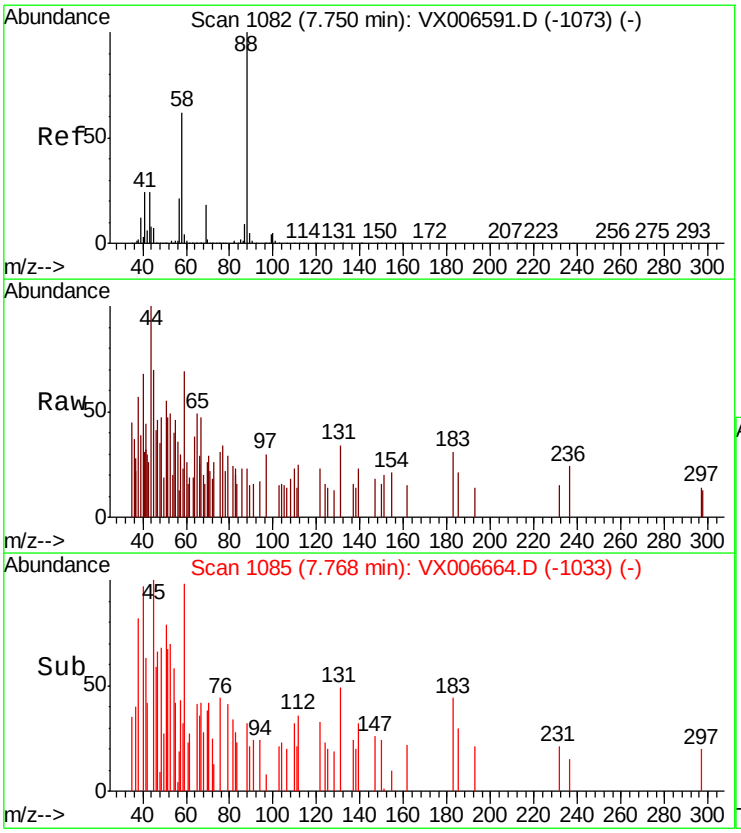
#38
Carbon Tetrachloride
Concen: 7.172 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion:117 Resp: 60158

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.4	119.2#
121	0.4	24.0	36.0#

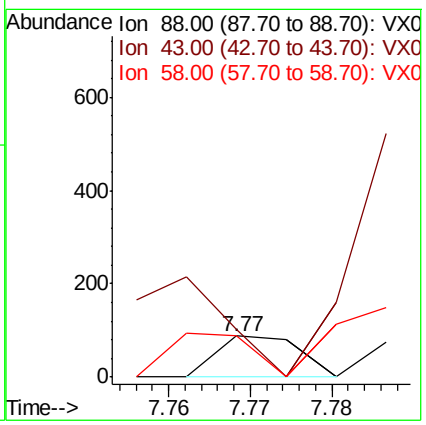


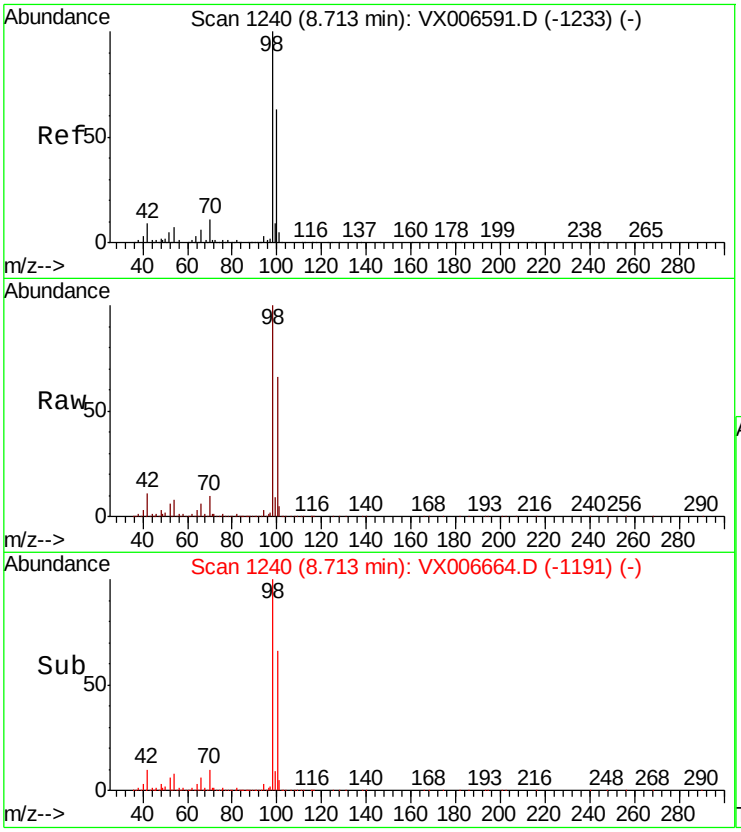


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	288.5	22.2	33.4#
58	109.8	51.0	76.4#



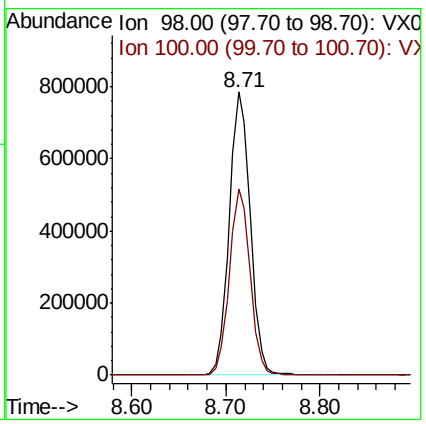


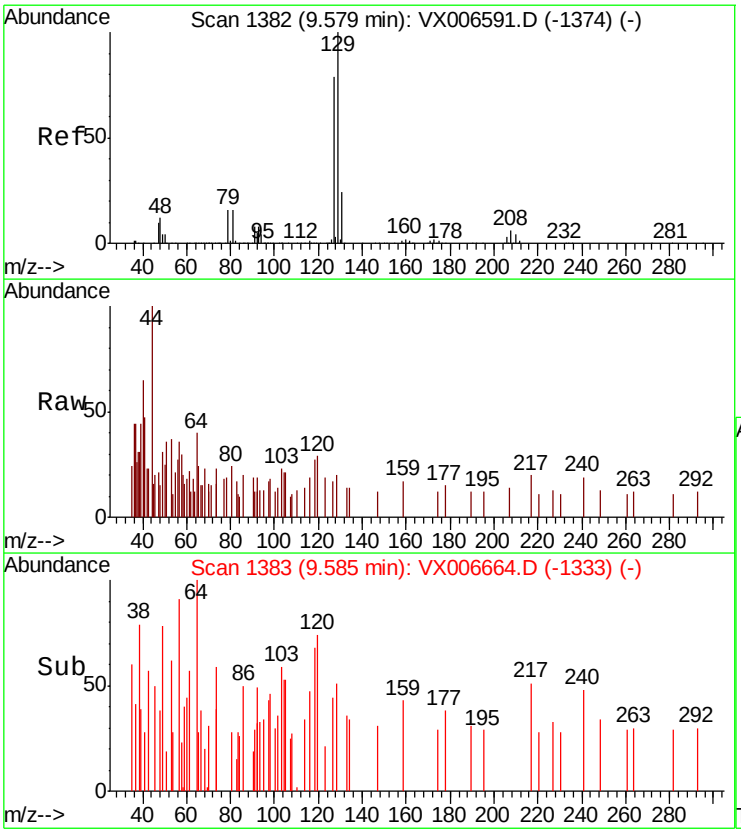
#50
Toluene-d8
Concen: 49.094 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion: 98 Resp: 1219660

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

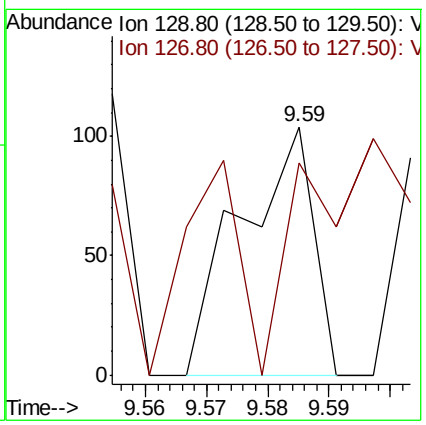


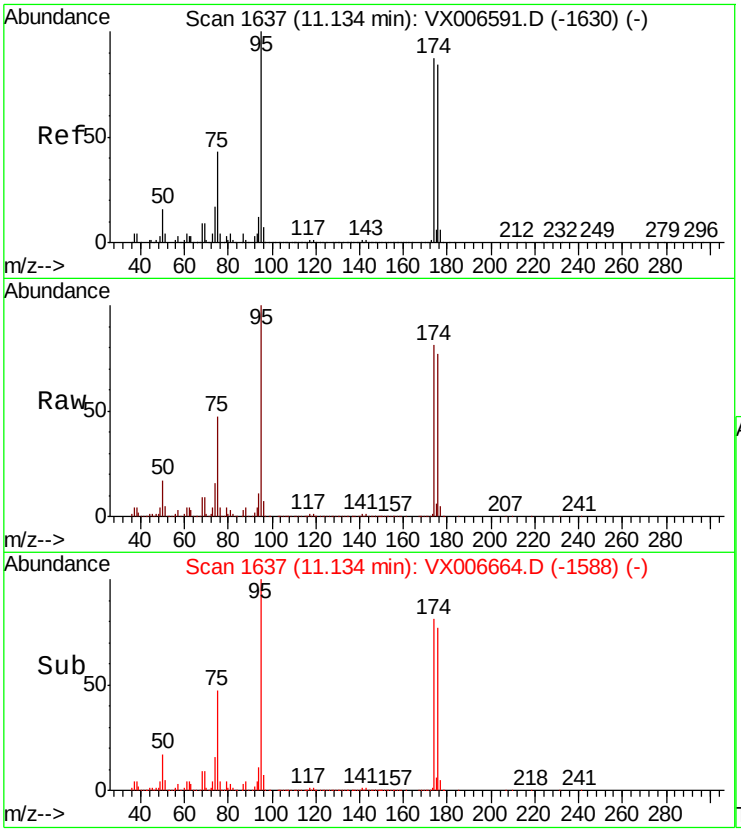


#60
Dibromochloromethane
Concen: 2.335 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion:129 Resp: 86

Ion	Ratio	Lower	Upper
129	100		
127	65.1	39.3	117.8



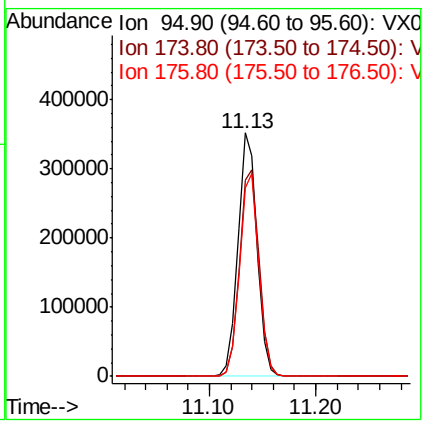


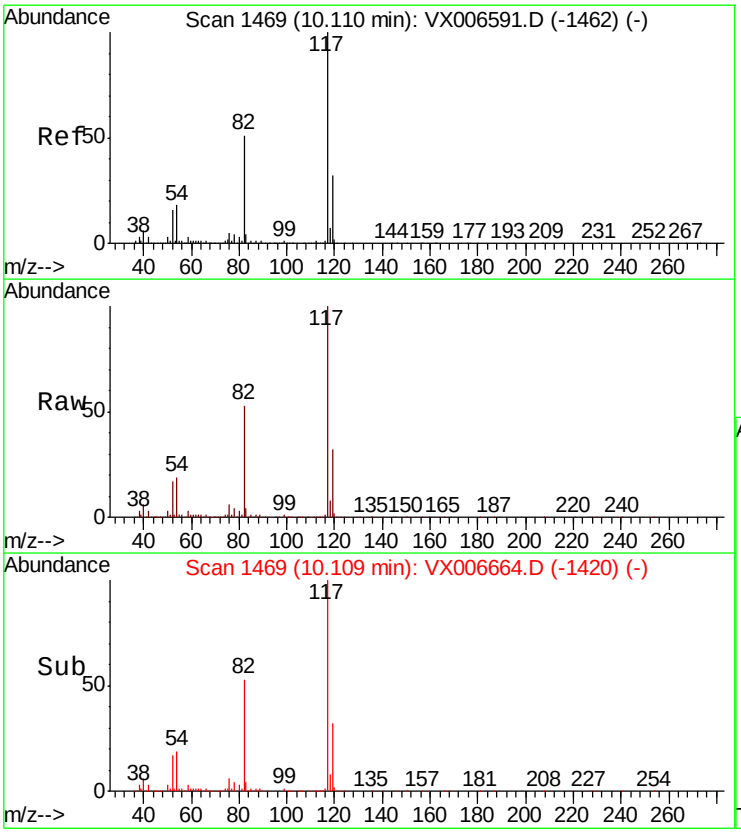
#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion: 95 Resp: 443131

Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	182.2
176	84.2	0.0	178.8

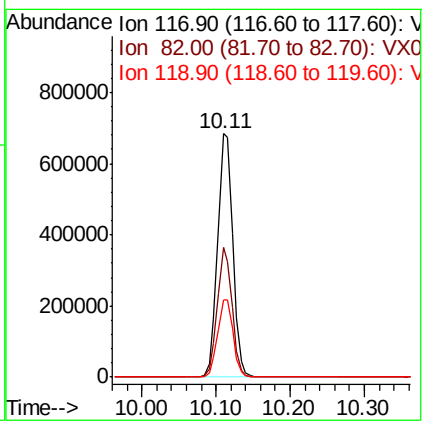


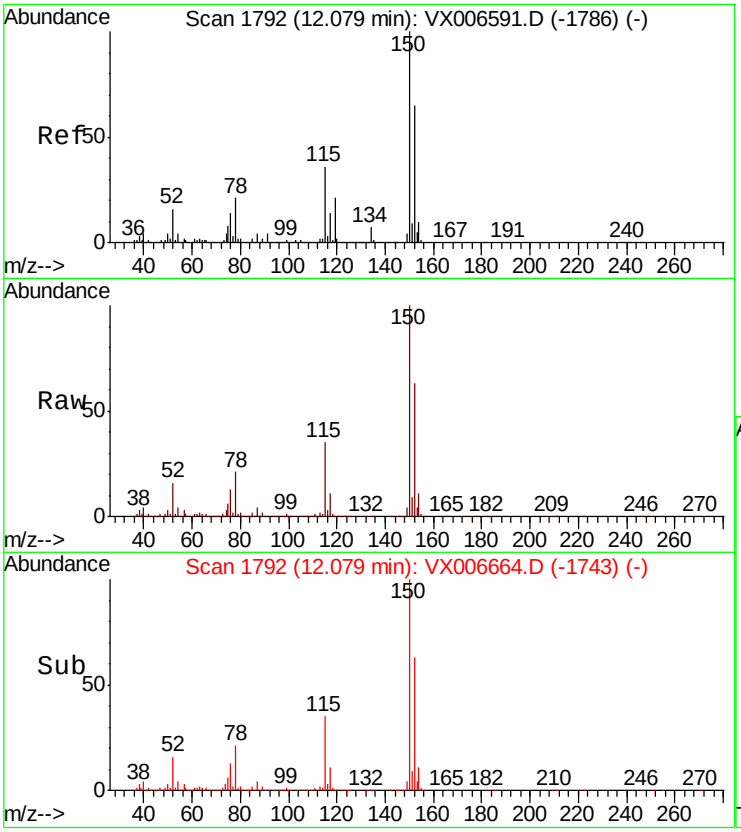


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion:117 Resp: 962112

Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.0	61.6
119	31.8	25.4	38.0



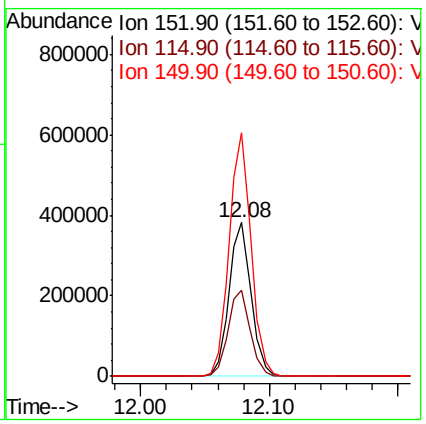


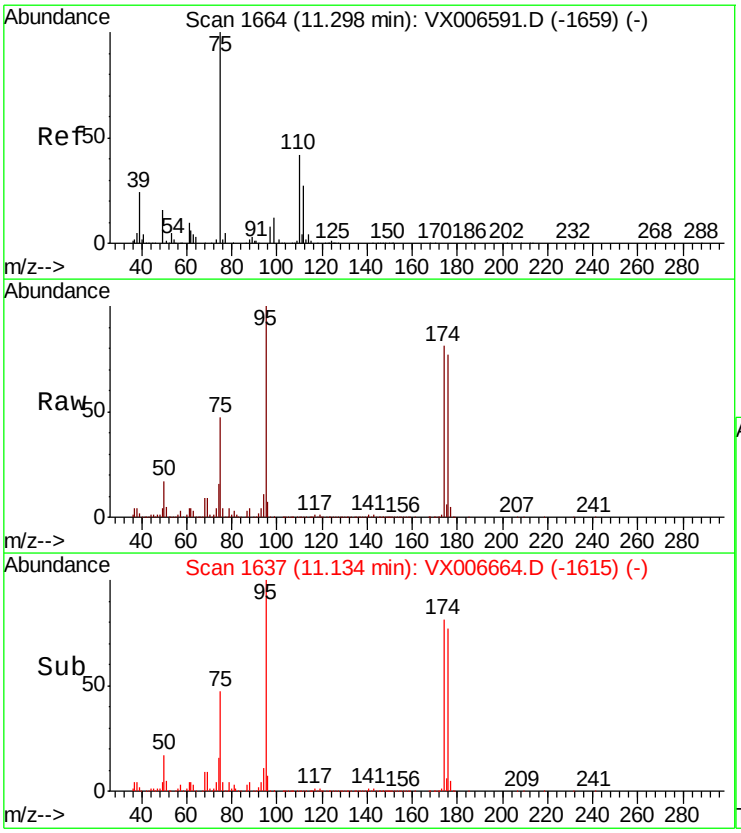
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument : MSVOA_X
ClientSampleId : TB-01-181218

Tgt Ion:152 Resp: 457800

Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.1	117.2
150	157.9	0.0	344.8

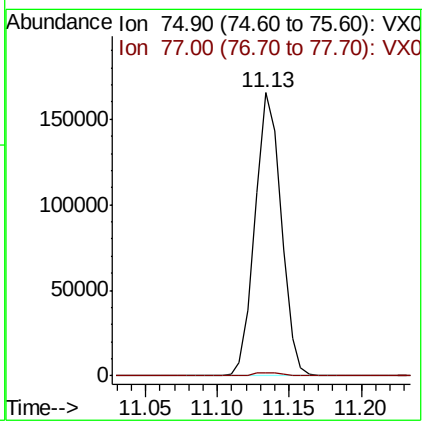


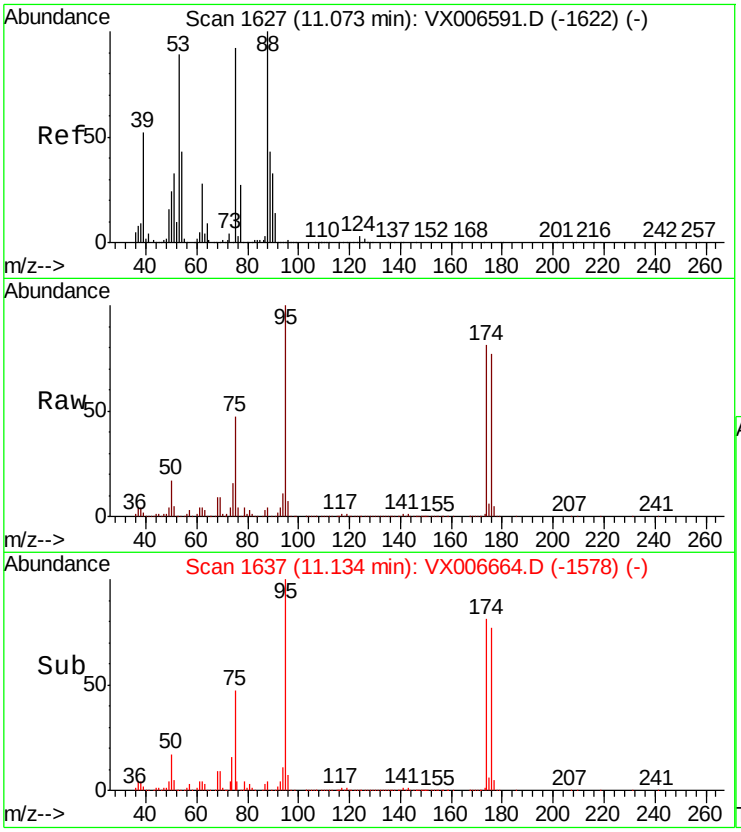


#76
1,2,3-Trichloropropane
Concen: 24.339 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 75 Resp: 207071

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#



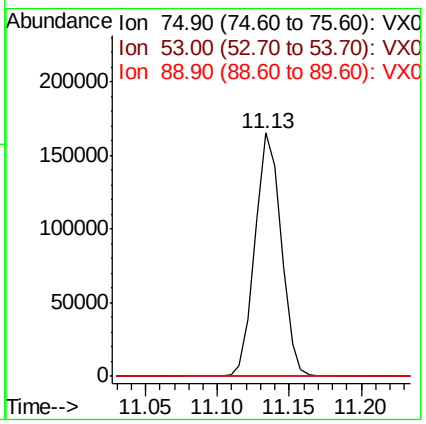


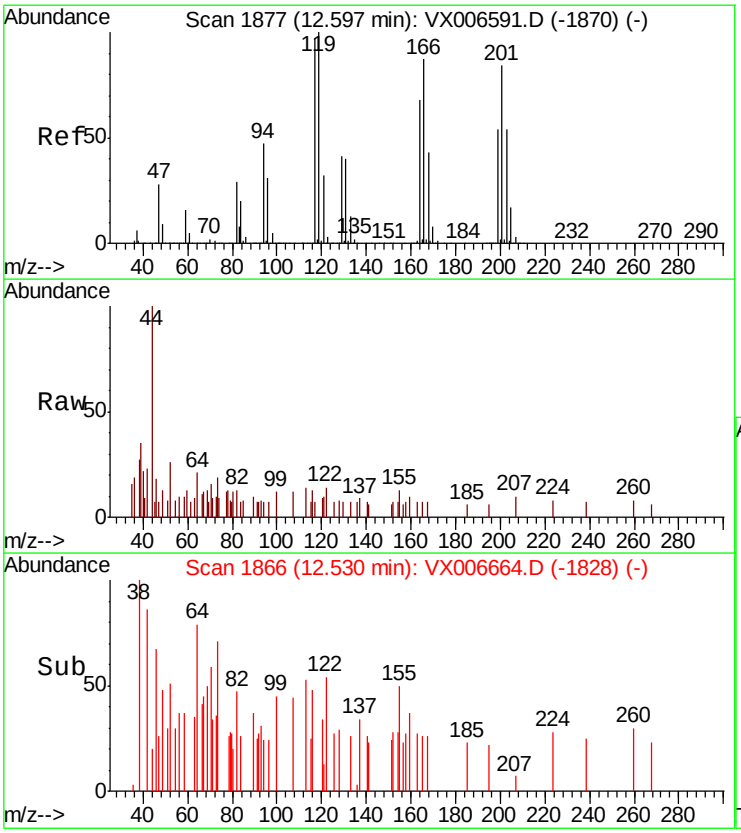
#81
trans-1,4-Dichloro-2-butene
Concen: 72.033 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

Tgt Ion: 75 Resp: 207071

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.0	38.0	57.0#





#90
Hexachloroethane
Concen: 3.298 ug/l
RT: 12.53 min Scan# 1866
Delta R.T. -0.07 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion:117 Resp: 21

Ion	Ratio	Lower	Upper
117	100		
201	128.6	42.9	128.7