Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

Quantitation Report (Not Reviewed)

Data File : VX001311.D
Acq On : 02 May 2018 11:34
Operator : JC/MD
Sample : J2657-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-008

Quant Time: May 03 04:57:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	30127	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	160907	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	145861	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	66340	30.53	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.77%				
60) 4-Bromofluorobenzene	11.14	95	63081	25.81	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 86.03%				
63) Toluene-d8	8.72	98	187747	30.02	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.07%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	351	0.24	ug/l		83
13) Acrolein	2.23	56	70	0.27	ug/l		93
15) Acetone	2.45	58	852	3.17	ug/l	#	61
18) Methylene Chloride	2.87	84	761	0.42	ug/l	#	72
30) 2-Butanone	4.71	43	286	0.23	ug/l	#	54
51) Ethyl methacrylate	8.71	69	666	0.25	ug/l		97
56) Bromoform	11.15	173	878	0.52	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.14	75	31443	44.13	ug/l	#	11

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

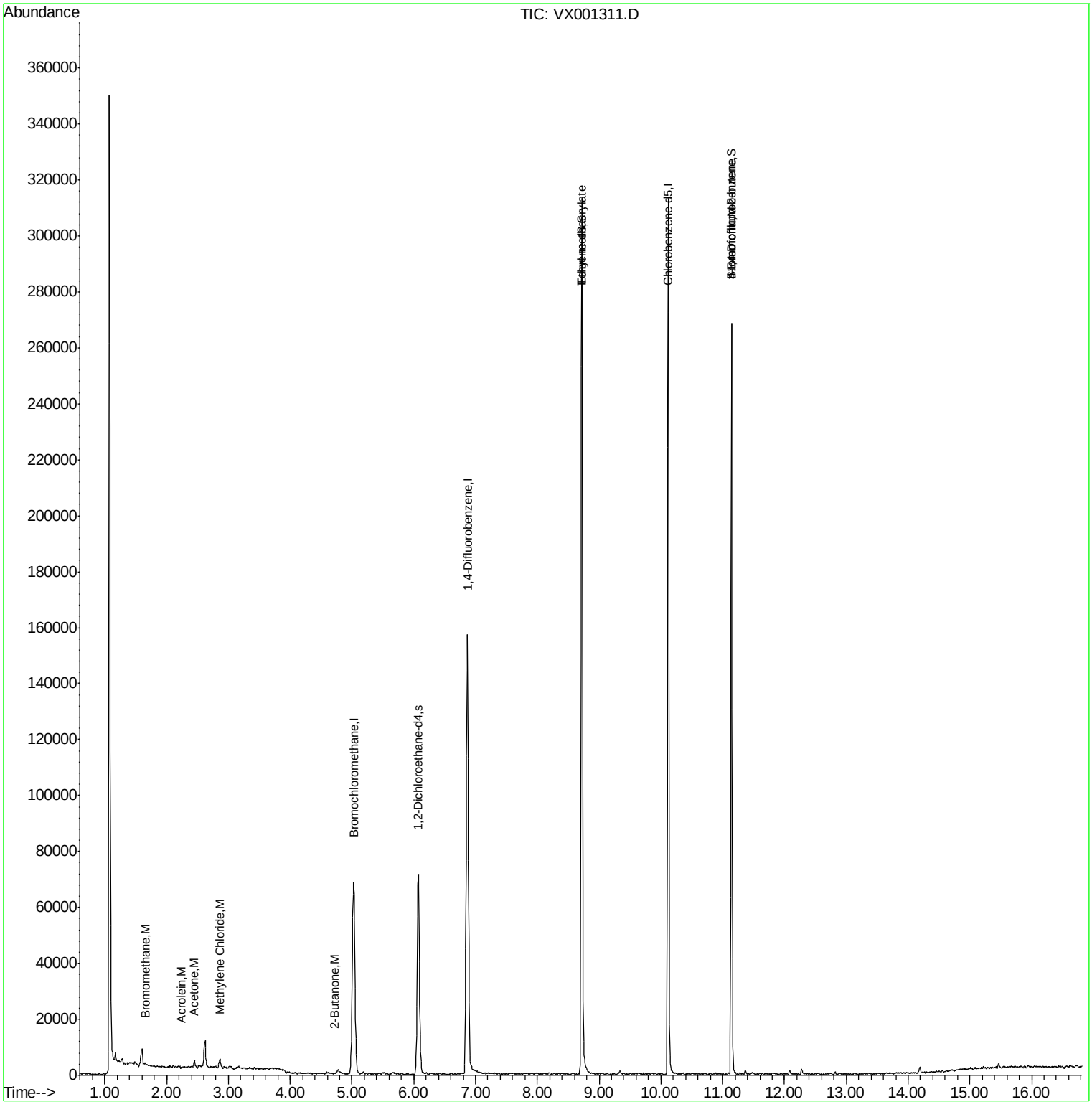
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

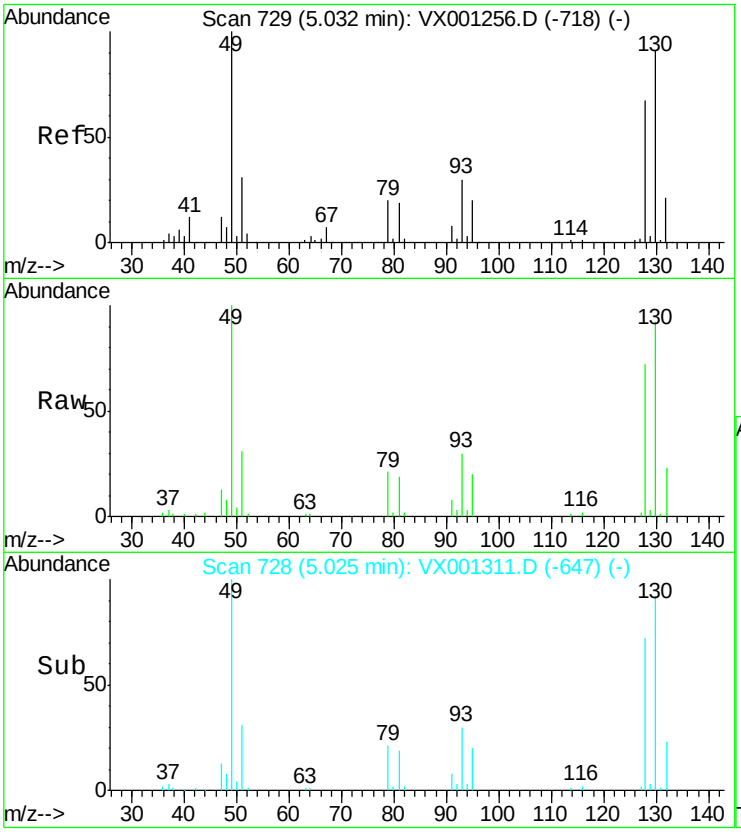
Quantitation Report (Not Reviewed)

Data File : VX001311.D
Acq On : 02 May 2018 11:34
Operator : JC/MD
Sample : J2657-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-008

Quant Time: May 03 04:57:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
Response via : Initial Calibration



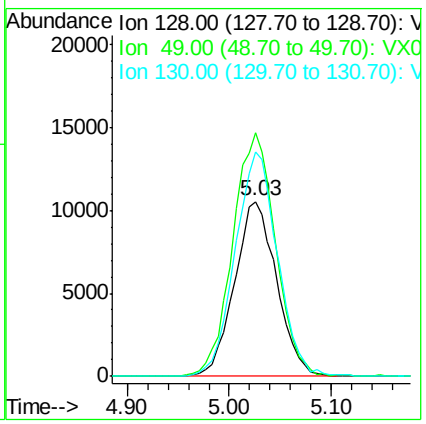


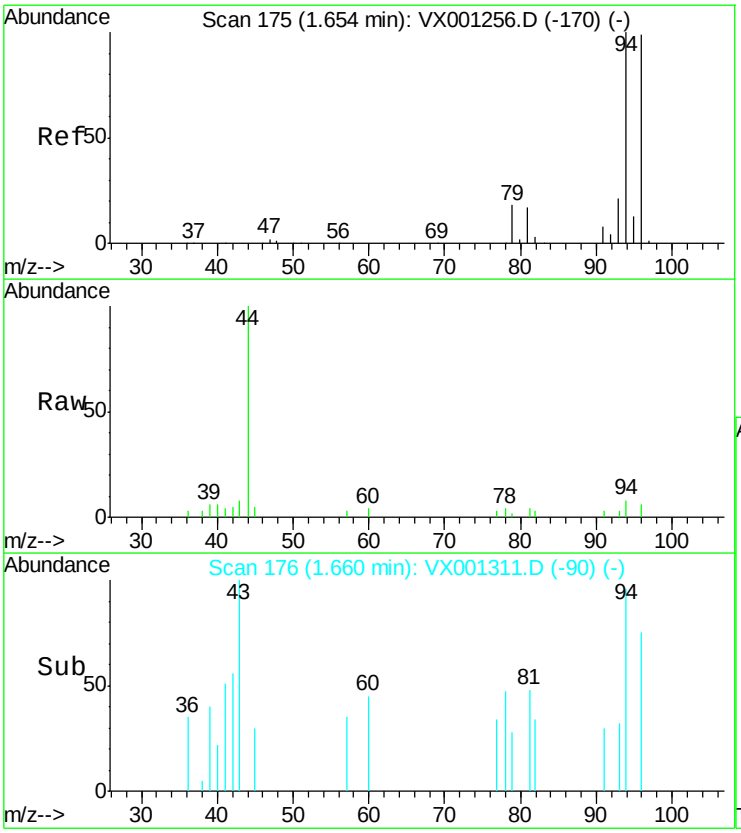
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
TB-008

Tgt Ion:128 Resp: 30127

Ion	Ratio	Lower	Upper
128	100		
49	141.9	0.0	378.3
130	128.8	0.0	324.3

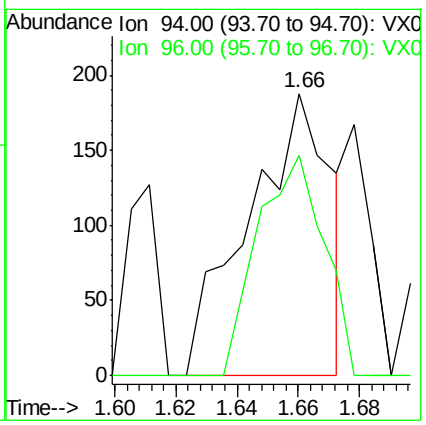


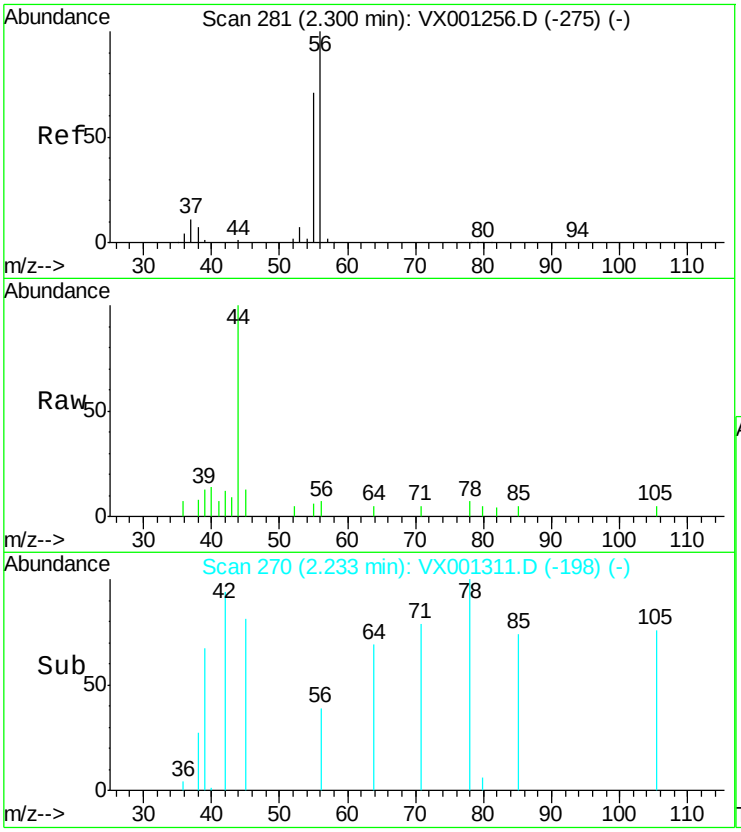


#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 94 Resp: 351

Ion	Ratio	Lower	Upper
94	100		
96	78.2	76.2	114.2



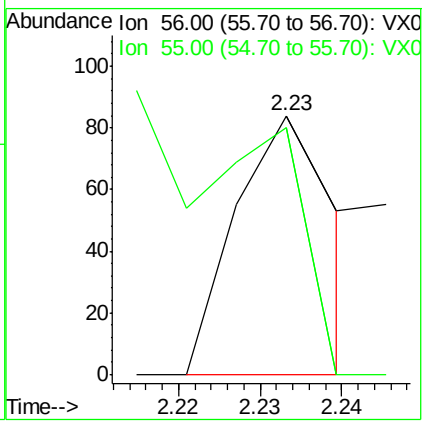


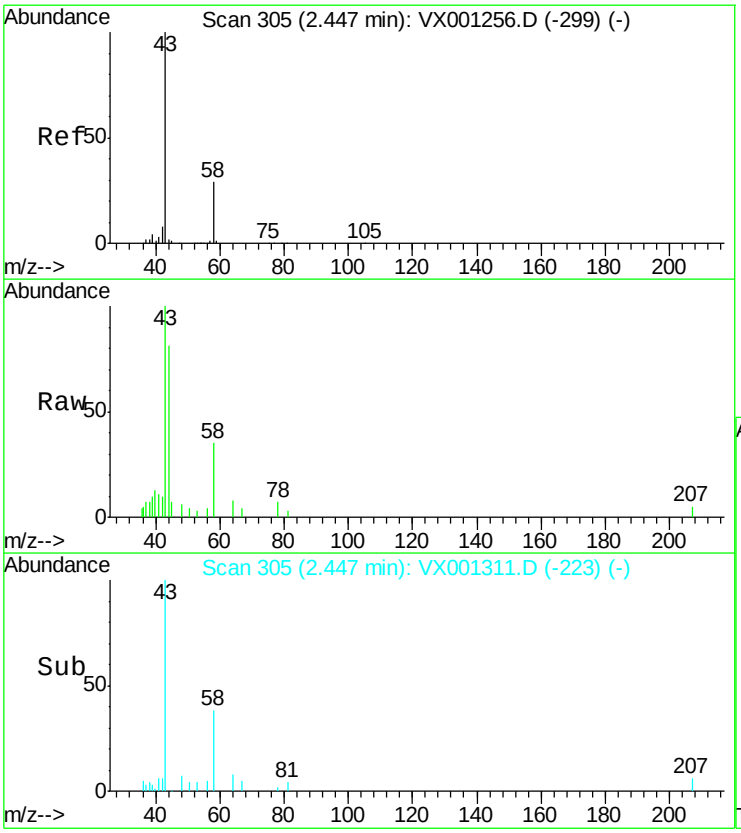
#13
Acrolein
Concen: 0.27 ug/l
RT: 2.23 min Scan# 270
Delta R.T. -0.06 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
TB-008

Tgt Ion: 56 Resp: 70

Ion	Ratio	Lower	Upper
56	100		
55	77.1	57.3	85.9

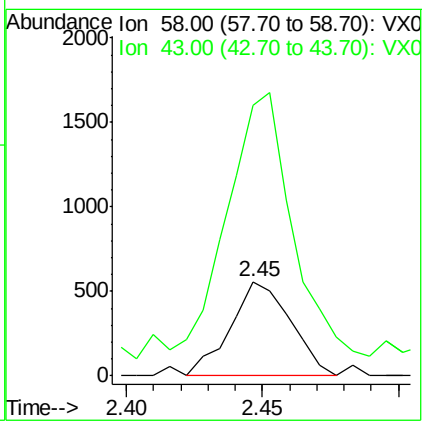


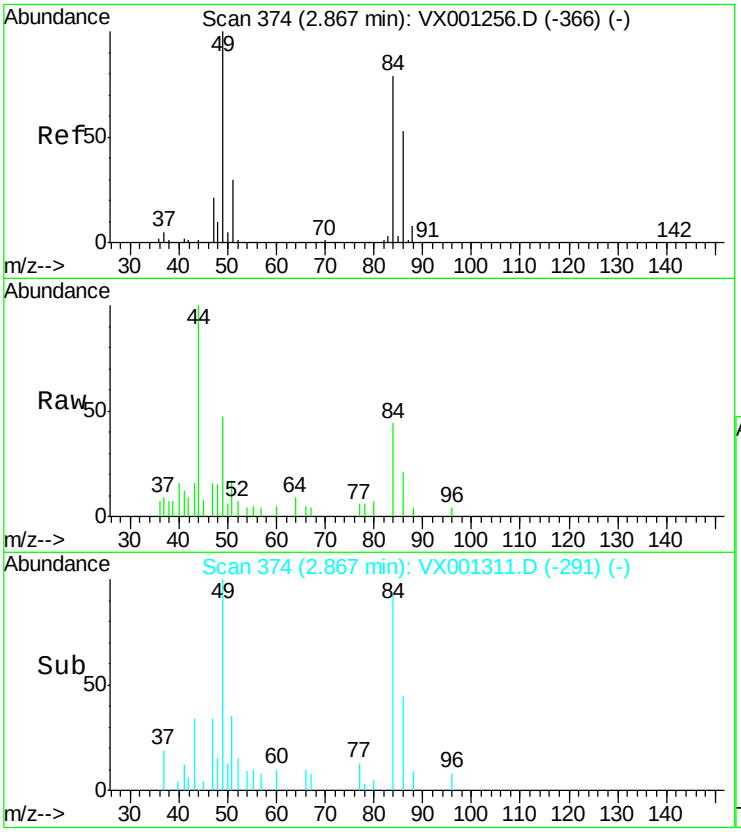


#15
Acetone
Concen: 3.17 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 58 Resp: 852

Ion	Ratio	Lower	Upper
58	100		
43	248.3	264.6	396.8#



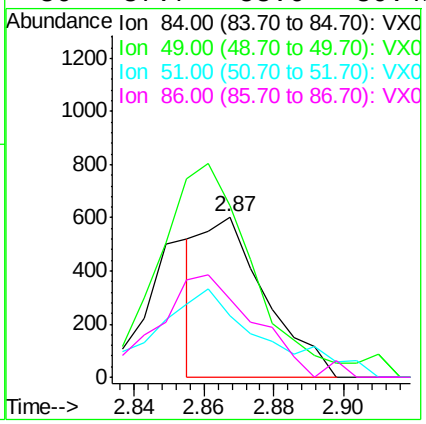


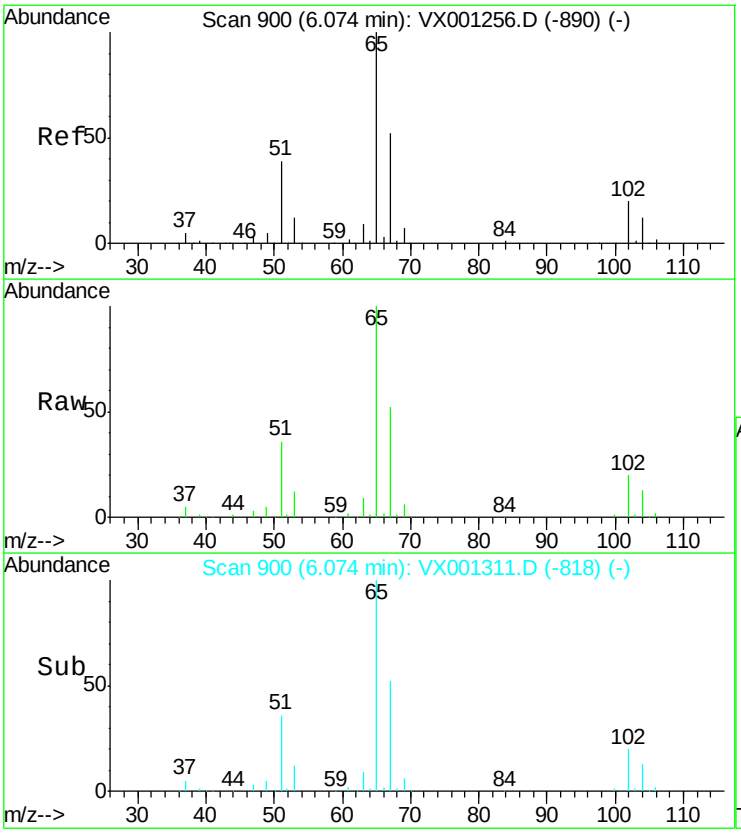
#18
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument : MSVOA_X
ClientSampleId : TB-008

Tgt Ion: 84 Resp: 761

Ion	Ratio	Lower	Upper
84	100		
49	98.5	103.3	154.9#
51	28.0	31.2	46.8#
86	37.7	53.6	80.4#

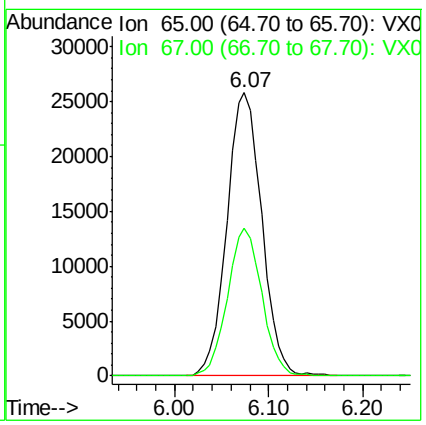


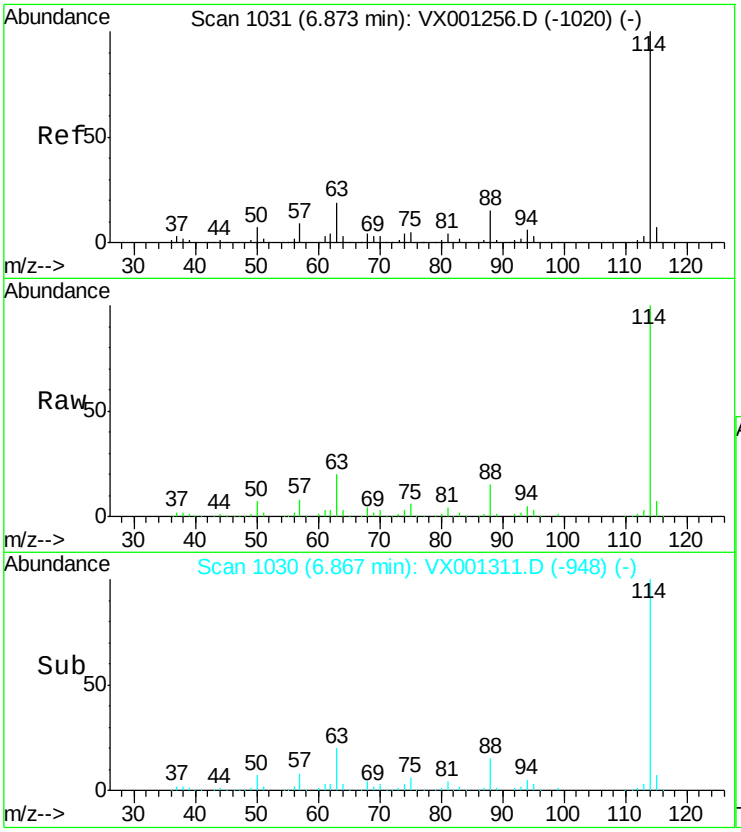


#27
1,2-Dichloroethane-d4
Concen: 30.53 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 65 Resp: 66340

Ion	Ratio	Lower	Upper
65	100		
67	51.2	41.4	62.2



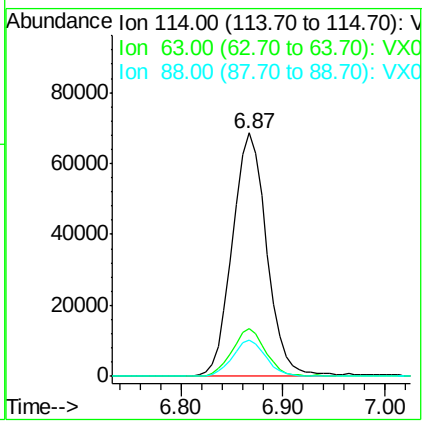


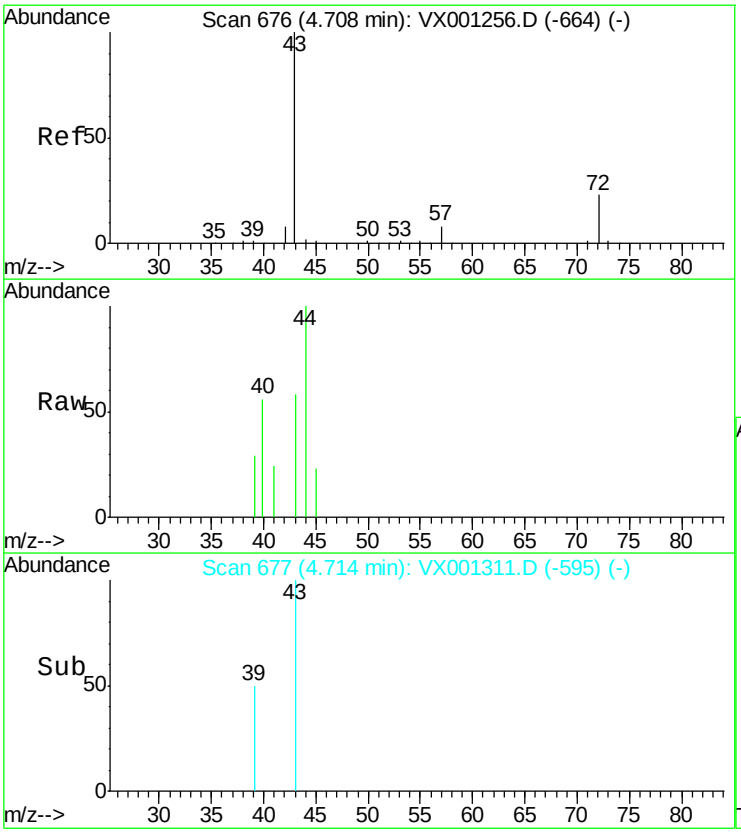
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
TB-008

Tgt Ion:114 Resp: 160907

Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.0	22.4
88	14.4	11.8	17.8

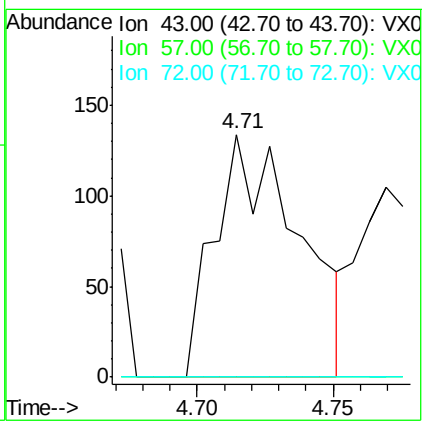


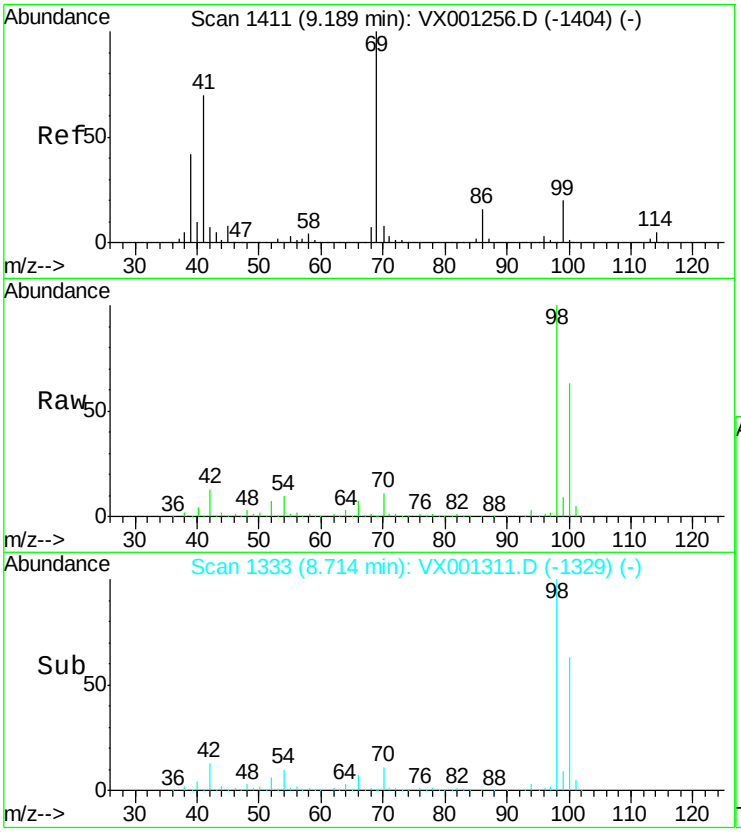


#30
2-Butanone
Concen: 0.23 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 43 Resp: 286

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.6	10.0#
72	0.0	21.8	32.6#



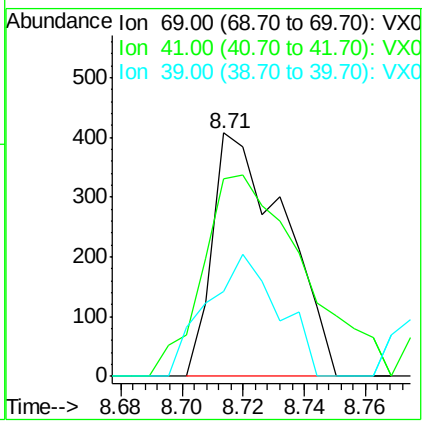


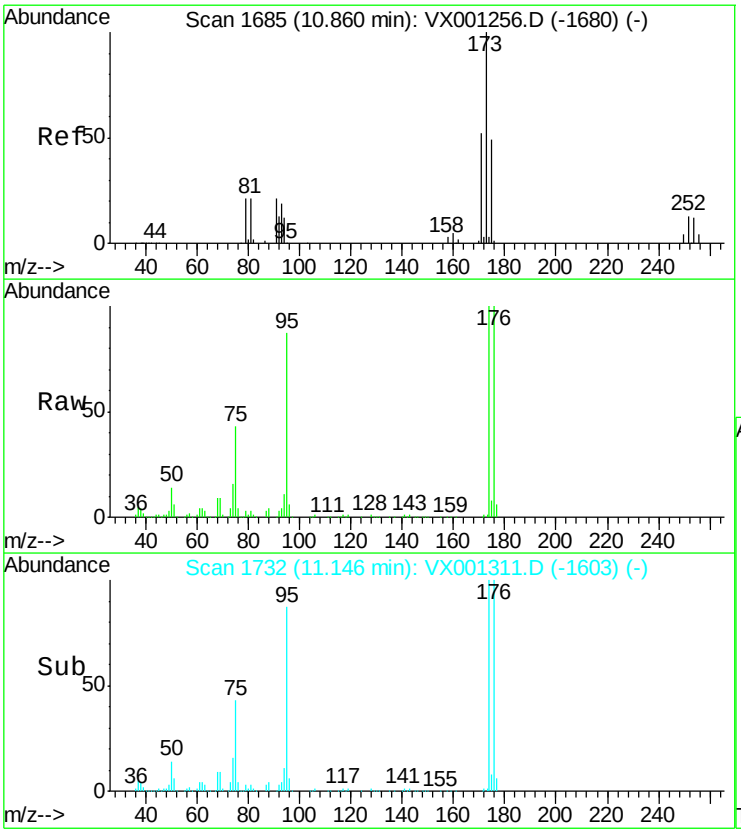
#51
Ethyl methacrylate
Concen: 0.25 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.48 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument : MSVOA_X
ClientSampleId : TB-008

Tgt Ion: 69 Resp: 666

Ion	Ratio	Lower	Upper
69	100		
41	64.0	32.1	96.3
39	34.8	19.6	58.7

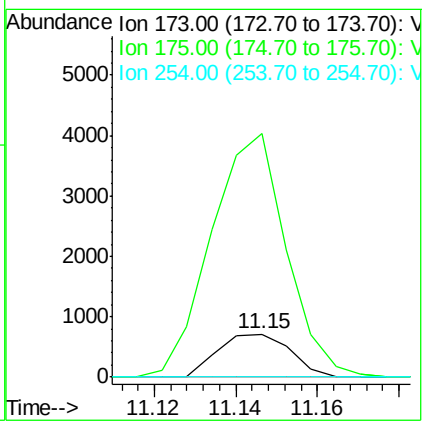


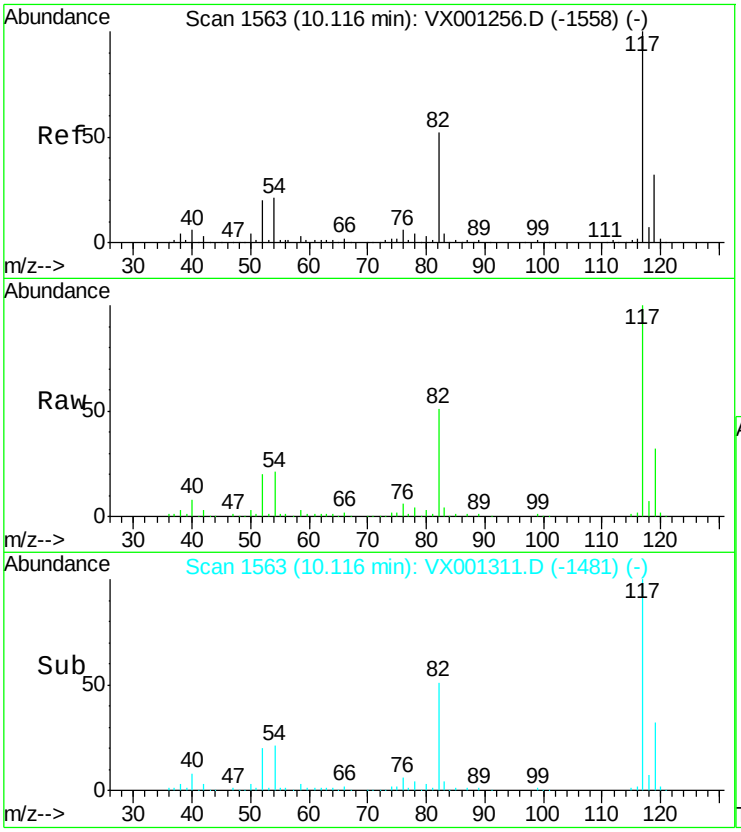


#56
Bromoform
Concen: 0.52 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.29 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion:173 Resp: 878

Ion	Ratio	Lower	Upper
173	100		
175	589.7	39.0	58.4#
254	0.0	7.0	10.4#



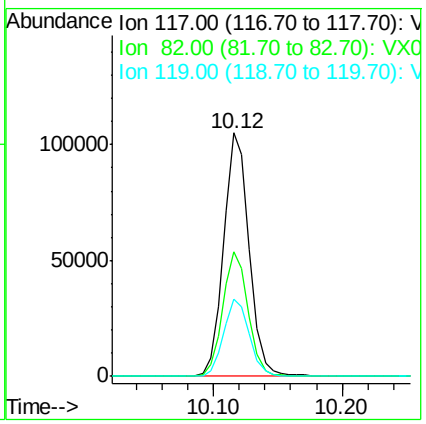


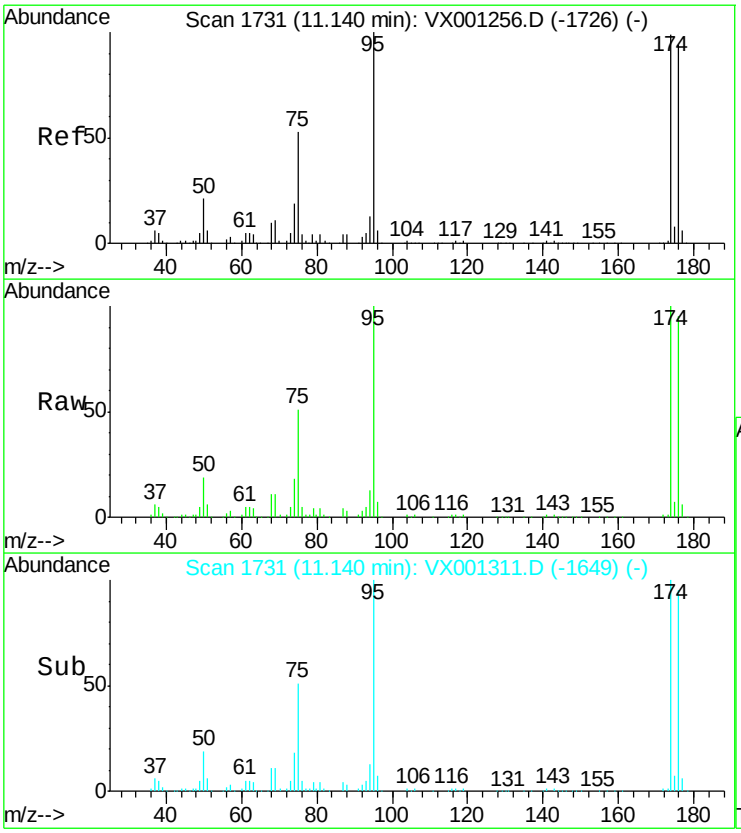
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
TB-008

Tgt Ion:117 Resp: 145861

Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.0	64.4
119	32.1	25.8	38.8

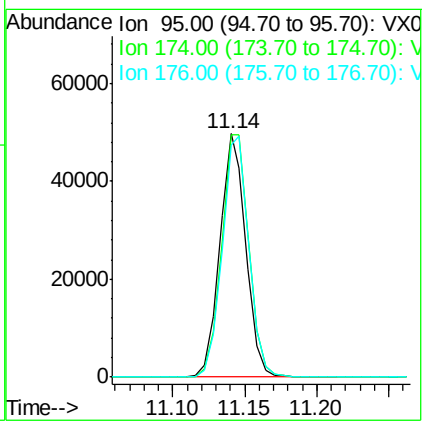


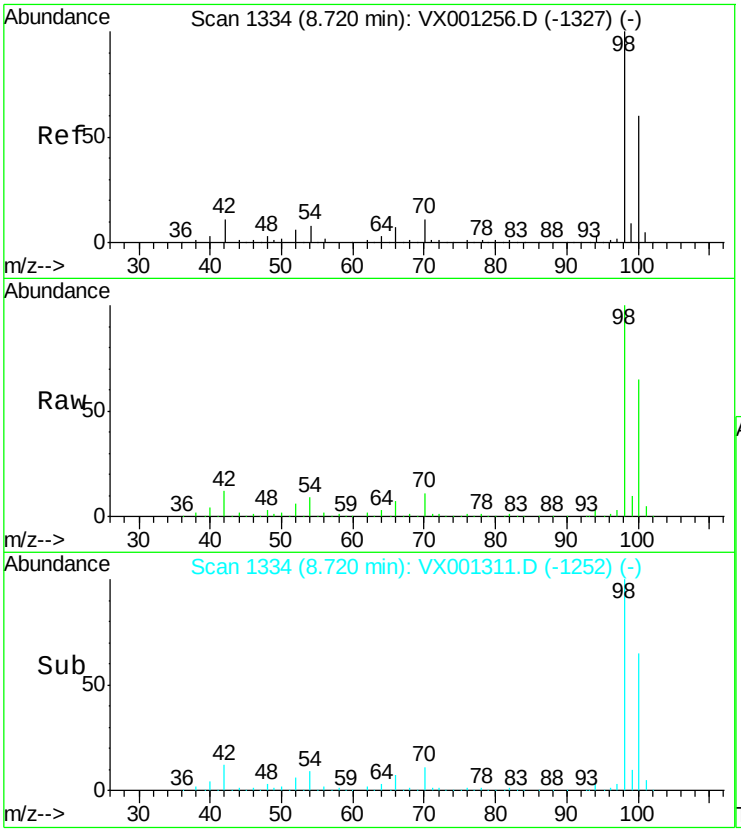


#60
4-Bromofluorobenzene
Concen: 25.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 95 Resp: 63081

Ion	Ratio	Lower	Upper
95	100		
174	104.7	71.1	106.7
176	101.6	69.3	103.9



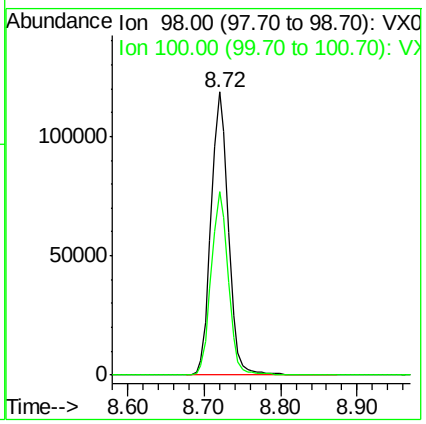


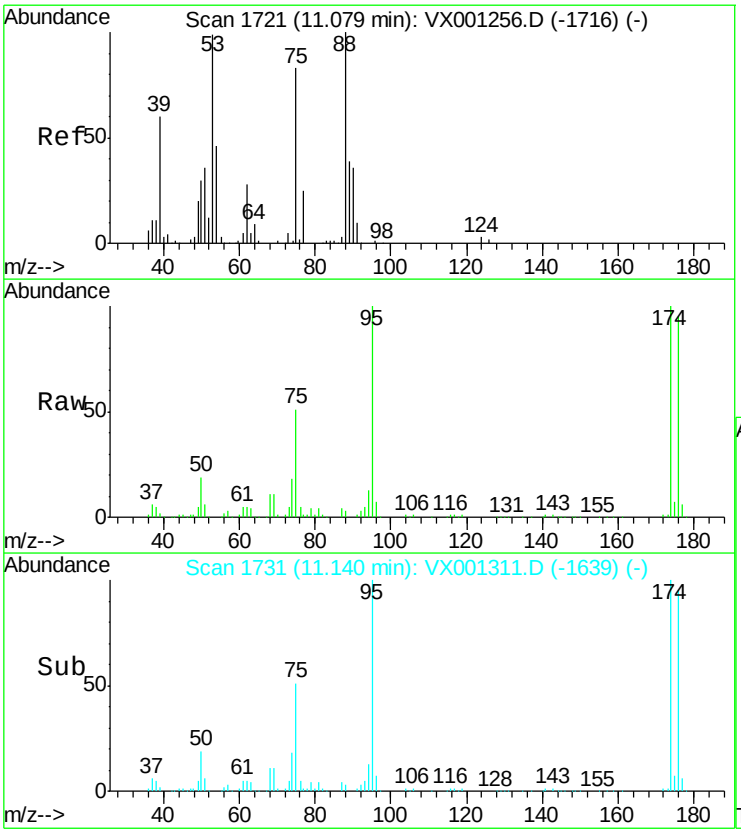
#63
Toluene-d8
Concen: 30.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Instrument : MSVOA_X
ClientSampleId : TB-008

Tgt Ion: 98 Resp: 187747

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.0	75.0





#77
t-1,4-Dichloro-2-butene
Concen: 44.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001311.D
Acq: 02 May 2018 11:34

Tgt Ion: 75 Resp: 31443

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.8	143.3#
89	0.0	22.3	66.8#