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

Quantitation Report (Not Reviewed)

Data File : VX001310.D
Acq On : 02 May 2018 10:59
Operator : JC/MD
Sample : VX0502WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0502WBL03

Quant Time: May 03 04:57:08 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	31269	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	170180	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	154267	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	67423	29.89	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.63%				
60) 4-Bromofluorobenzene	11.14	95	66512	25.73	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 85.77%				
63) Toluene-d8	8.72	98	196617	29.72	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.07%				
Target Compounds							Qvalue
13) Acrolein	1.98	56	83	0.31	ug/l		99
15) Acetone	2.45	58	147	0.53	ug/l	#	23
23) tert-Butyl Alcohol	3.03	59	264	0.72	ug/l	#	86
51) Ethyl methacrylate	8.72	69	702	0.25	ug/l	#	46
56) Bromoform	11.14	173	846	0.47	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.14	75	34094	45.24	ug/l	#	12

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

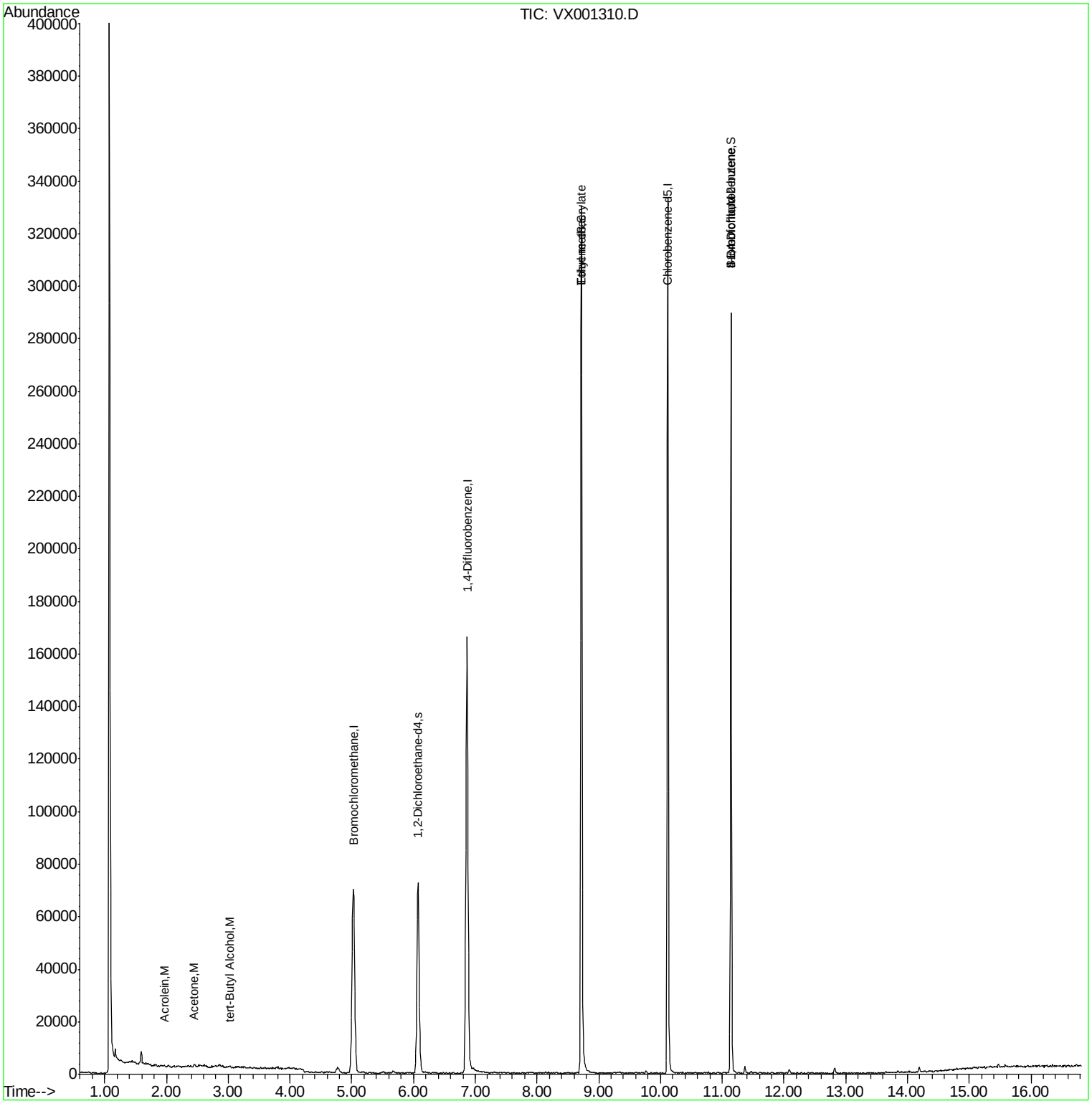
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

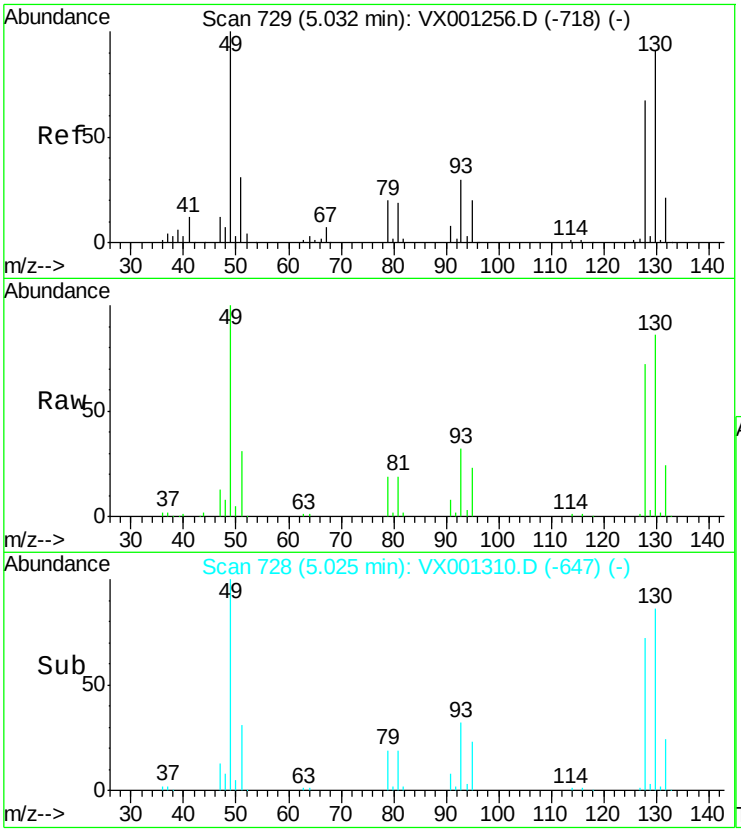
Quantitation Report (Not Reviewed)

Data File : VX001310.D
Acq On : 02 May 2018 10:59
Operator : JC/MD
Sample : VX0502WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL03

Quant Time: May 03 04:57:08 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



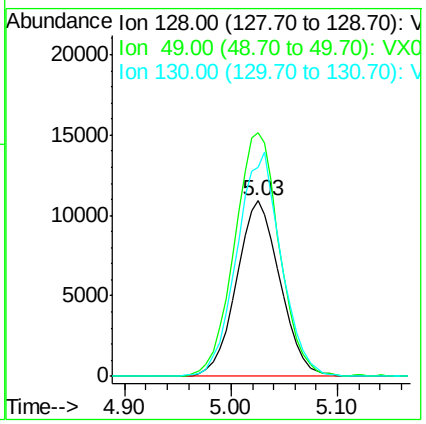


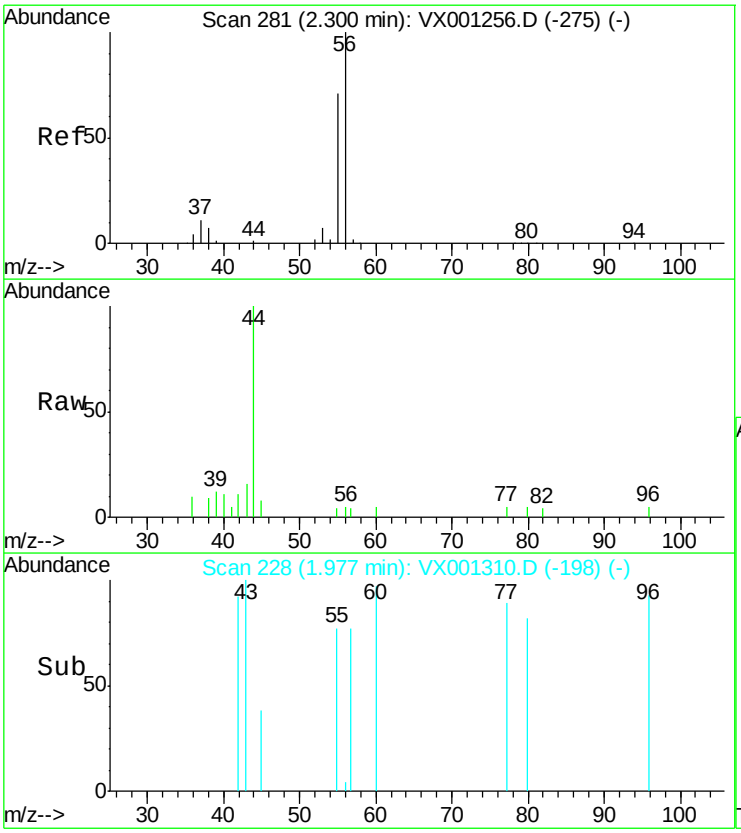
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL03

Tgt Ion:128 Resp: 31269

Ion	Ratio	Lower	Upper
128	100		
49	143.2	0.0	378.3
130	129.3	0.0	324.3

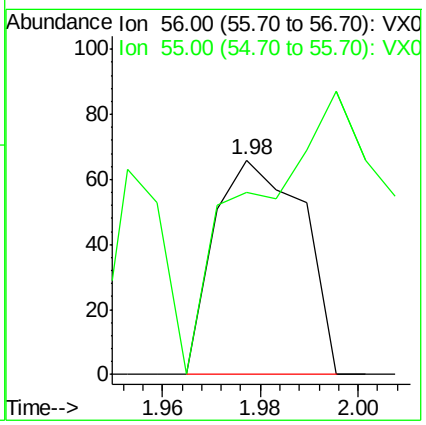


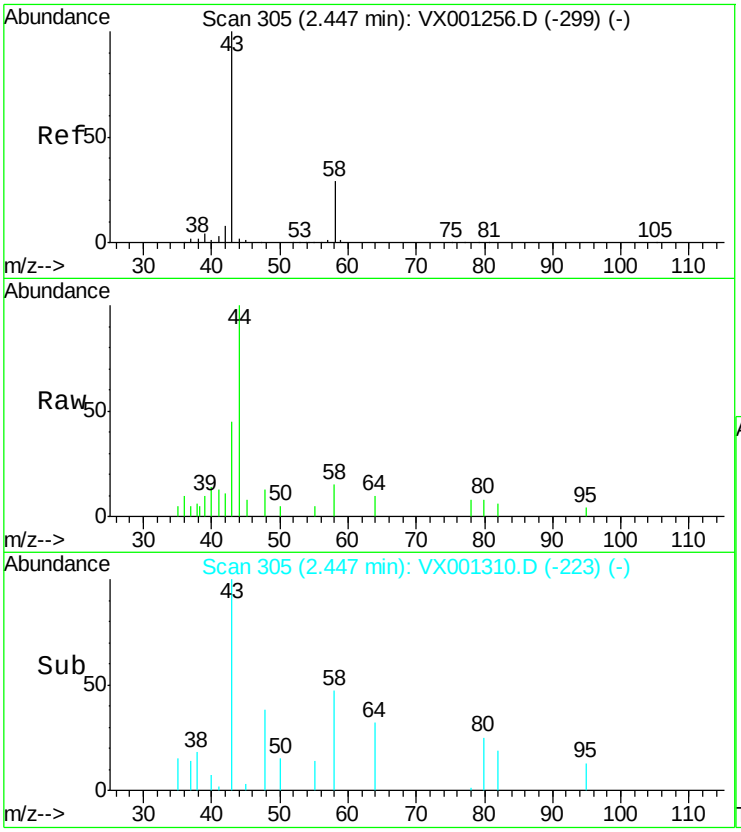


#13
Acrolein
Concen: 0.31 ug/l
RT: 1.98 min Scan# 228
Delta R.T. -0.32 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion: 56 Resp: 83

Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.3	85.9



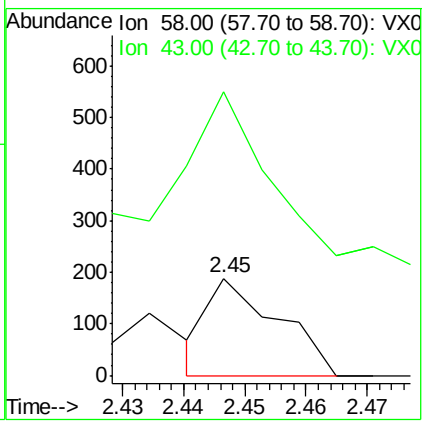


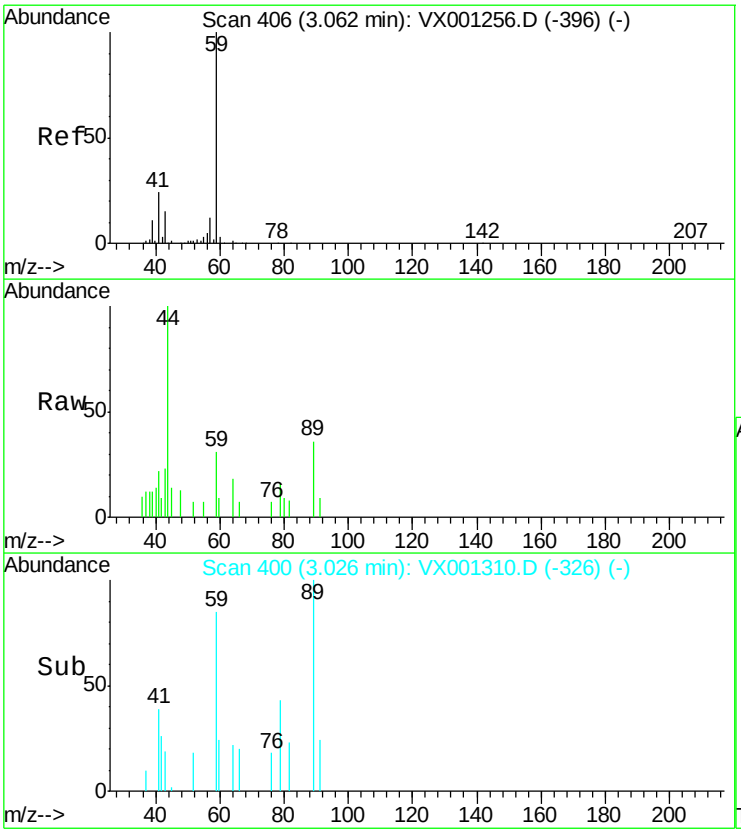
#15
Acetone
Concen: 0.53 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL03

Tgt Ion: 58 Resp: 147

Ion	Ratio	Lower	Upper
58	100		
43	169.1	264.6	396.8#

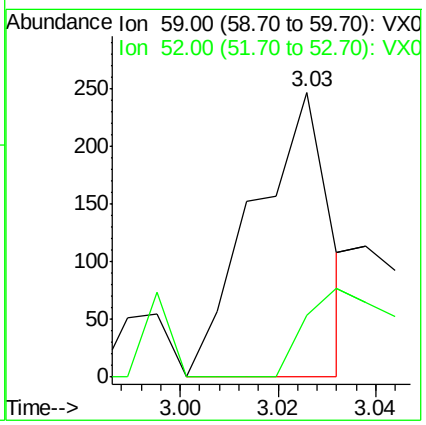


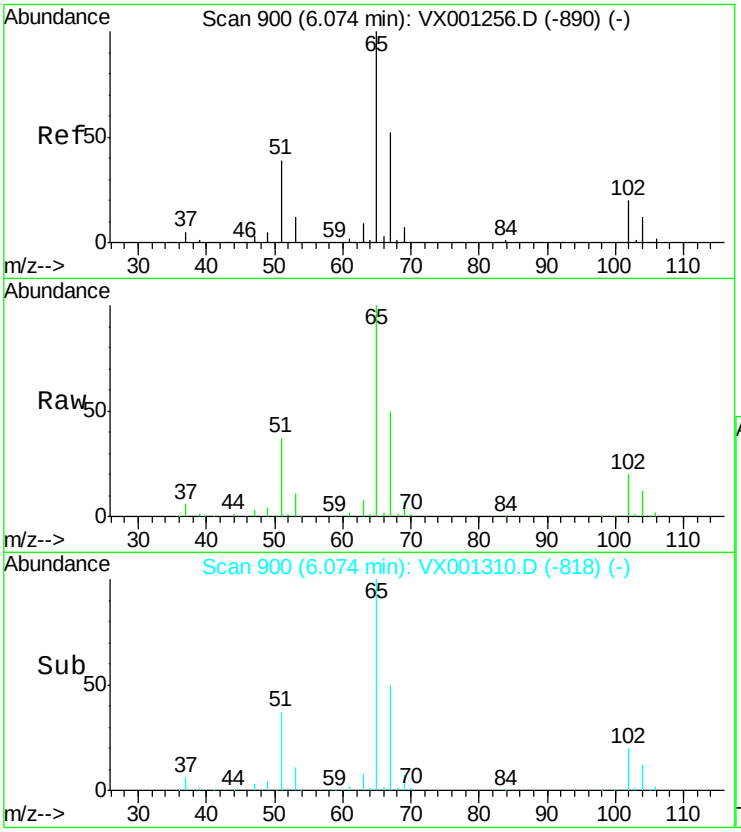


#23
tert-Butyl Alcohol
Concen: 0.72 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion: 59 Resp: 264

Ion	Ratio	Lower	Upper
59	100		
52	34.1	0.1	0.1#



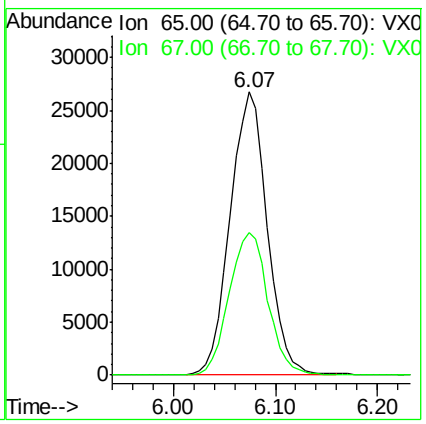


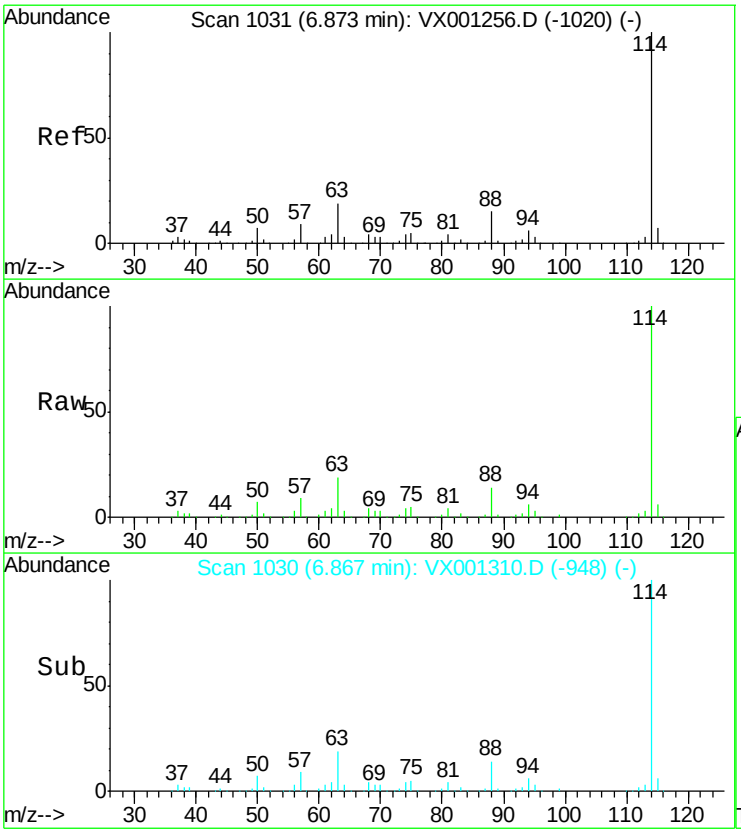
#27
1,2-Dichloroethane-d4
Concen: 29.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL03

Tgt Ion: 65 Resp: 67423

Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.4	62.2

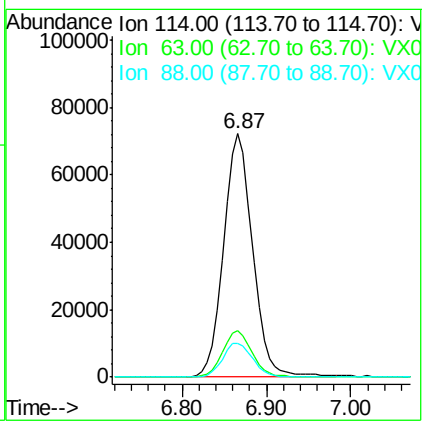


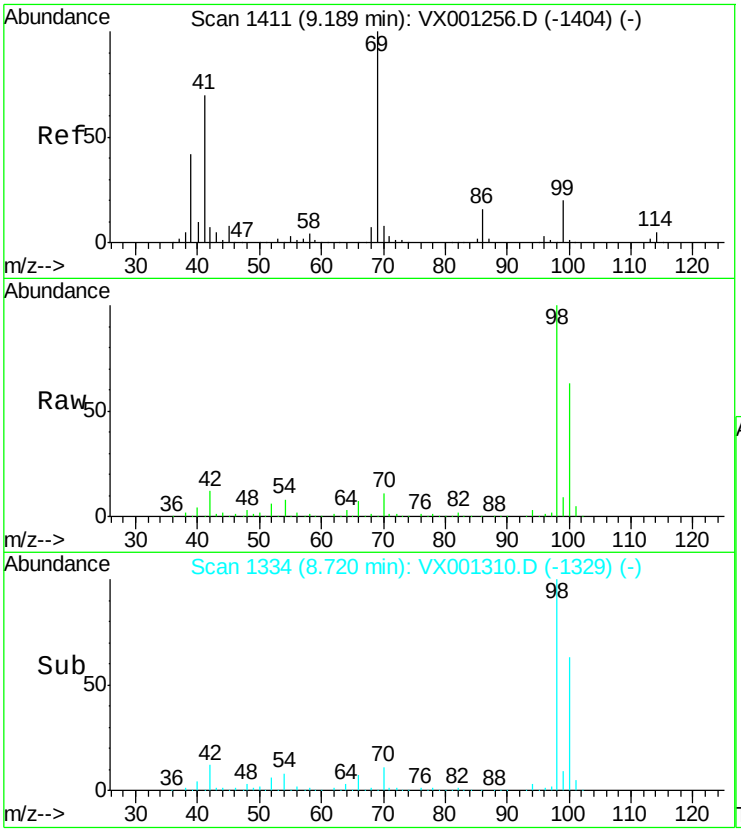


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion:114 Resp: 170180

Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.0	22.4
88	14.5	11.8	17.8



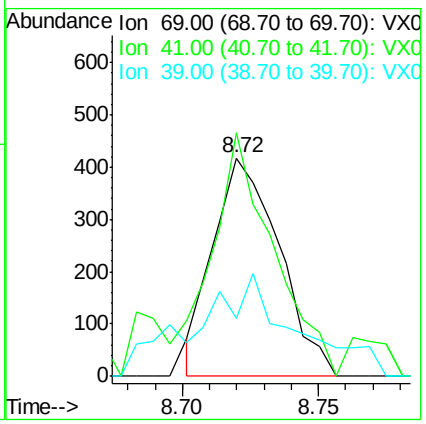


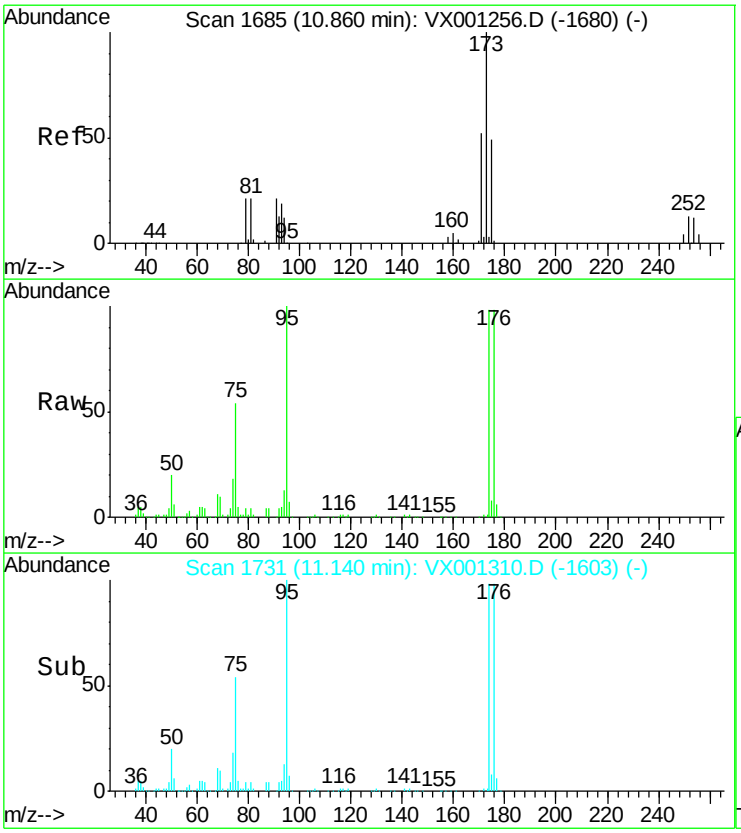
#51
Ethyl methacrylate
Concen: 0.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.47 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL03

Tgt Ion: 69 Resp: 702

Ion	Ratio	Lower	Upper
69	100		
41	111.8	32.1	96.3#
39	13.4	19.6	58.7#

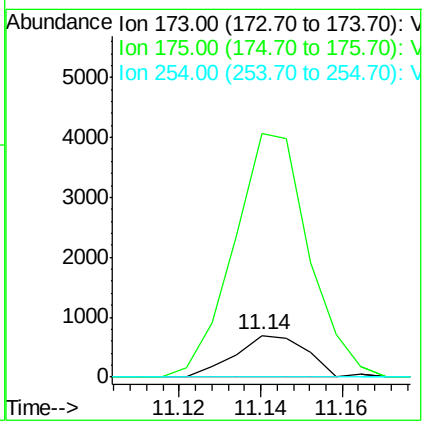


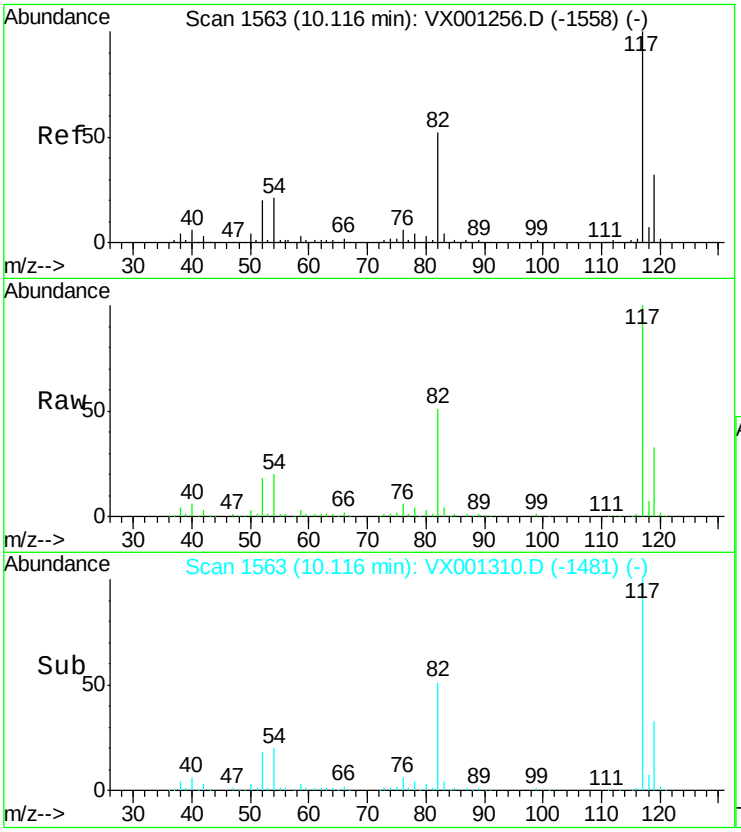


#56
Bromoform
Concen: 0.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.28 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion:173 Resp: 846

Ion	Ratio	Lower	Upper
173	100		
175	617.0	39.0	58.4#
254	0.0	7.0	10.4#



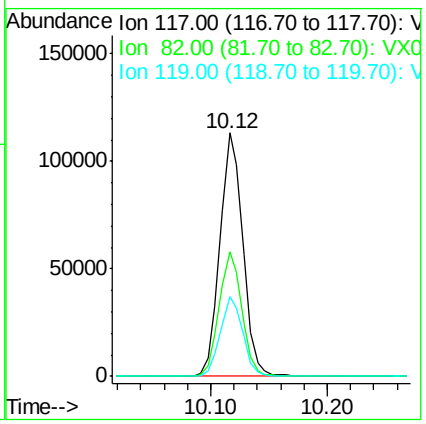


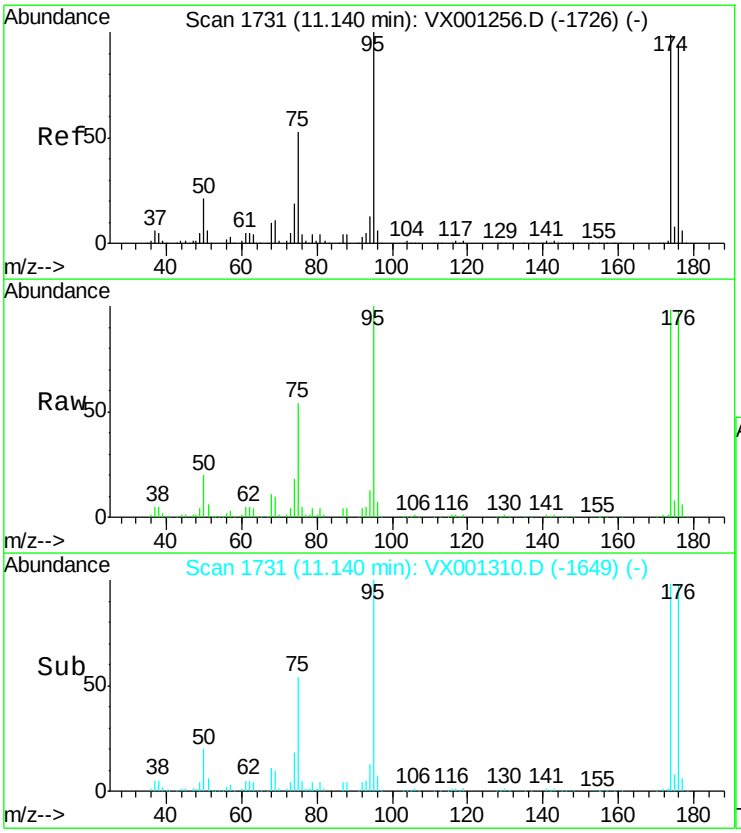
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument : MSVOA_X
ClientSampleId : VX0502WBL03

Tgt Ion:117 Resp: 154267

Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.0	64.4
119	32.3	25.8	38.8

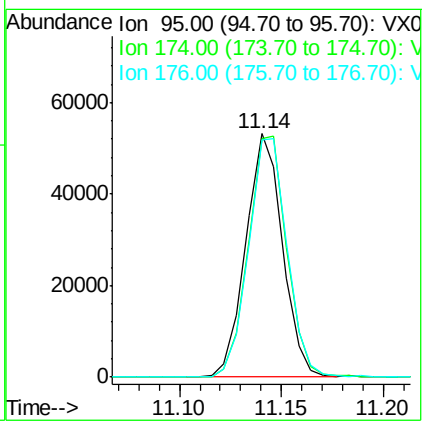


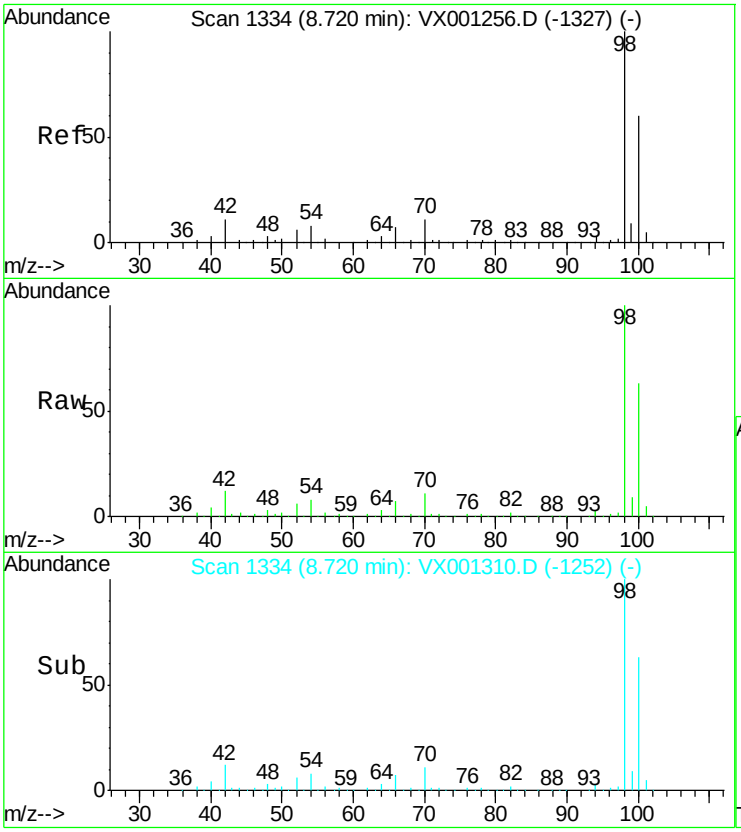


#60
4-Bromofluorobenzene
Concen: 25.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion: 95 Resp: 66512

Ion	Ratio	Lower	Upper
95	100		
174	103.8	71.1	106.7
176	103.0	69.3	103.9



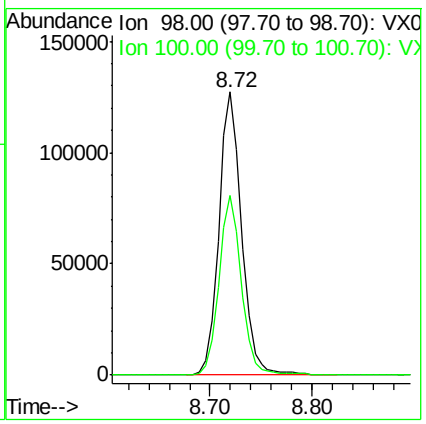


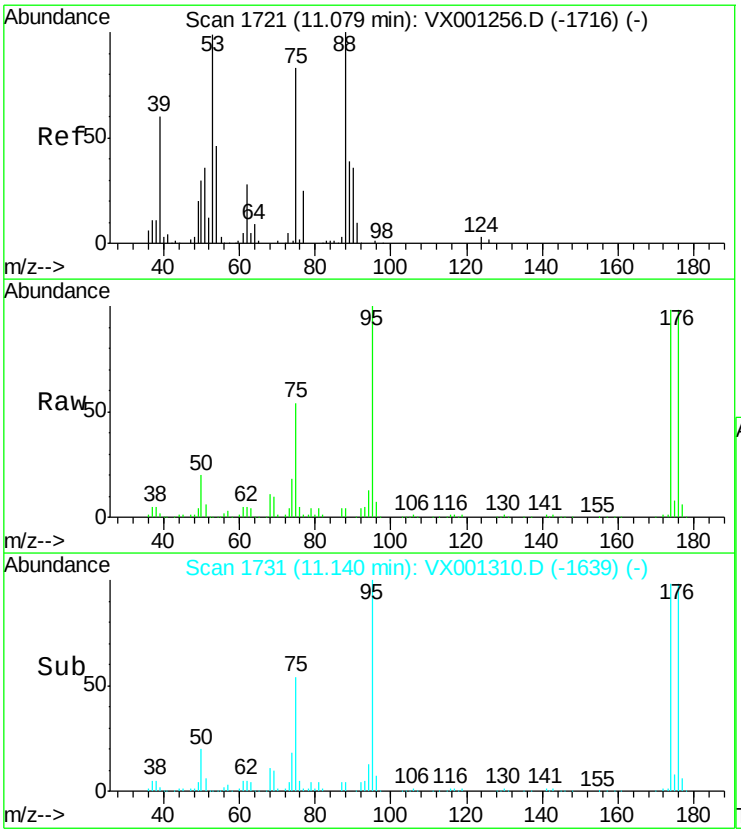
#63
Toluene-d8
Concen: 29.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Instrument : MSVOA_X
ClientSampleId : VX0502WBL03

Tgt Ion: 98 Resp: 196617

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.0	75.0





#77
t-1,4-Dichloro-2-butene
Concen: 45.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001310.D
Acq: 02 May 2018 10:59

Tgt Ion: 75 Resp: 34094

Ion	Ratio	Lower	Upper
75	100		
53	0.2	47.8	143.3#
89	0.0	22.3	66.8#