Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100218\
Data File : VX004916.D
Acq On : 02 Oct 2018 13:11
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1002WBL01

Quant Time: Oct 03 07:47:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:49:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.02	128	63323	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	334311	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	301105	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	139717	29.04	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.80%				
60) 4-Bromofluorobenzene	11.14	95	132609	26.50	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.33%				
63) Toluene-d8	8.71	98	401864	29.90	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.67%				
Target Compounds							Qvalue
11) Methyl Iodide	2.51	142	894	11.024	ug/l		86
13) Acrolein	2.30	56	174	0.258	ug/l		86
14) Acrylonitrile	3.15	53	1243	0.416	ug/l		96
15) Acetone	2.44	58	472	0.473	ug/l	#	35
16) Carbon Disulfide	2.57	76	4185	0.394	ug/l		99
23) tert-Butyl Alcohol	3.03	59	4247	3.082	ug/l	#	99
45) 1,4-Dioxane	7.76	88	110	0.943	ug/l	#	32
56) Bromoform	11.14	173	1534	0.451	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.14	75	66897	34.631	ug/l	#	10

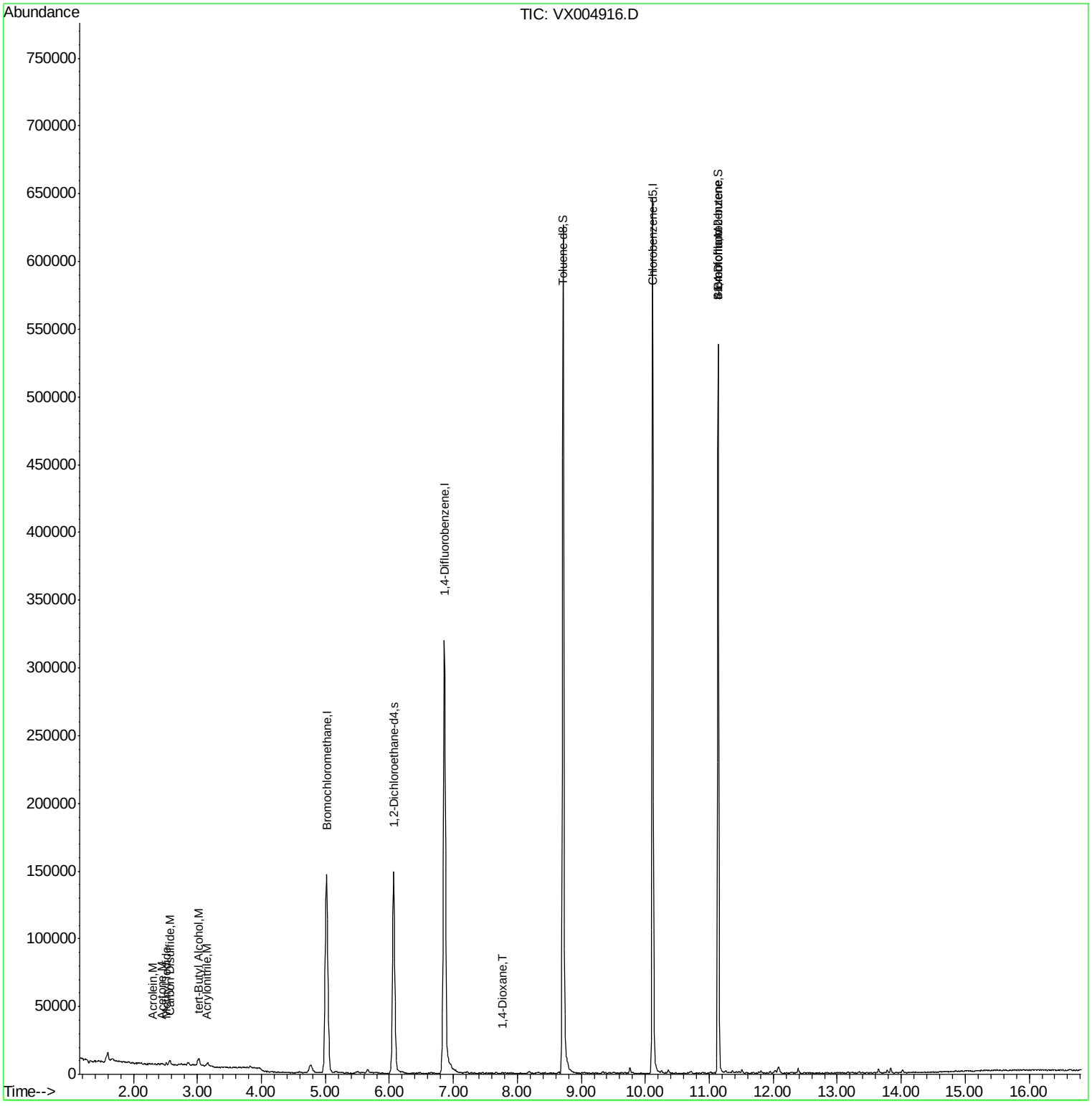
(#) = qualifier out of range (m) = manual integration (+) = signals summed

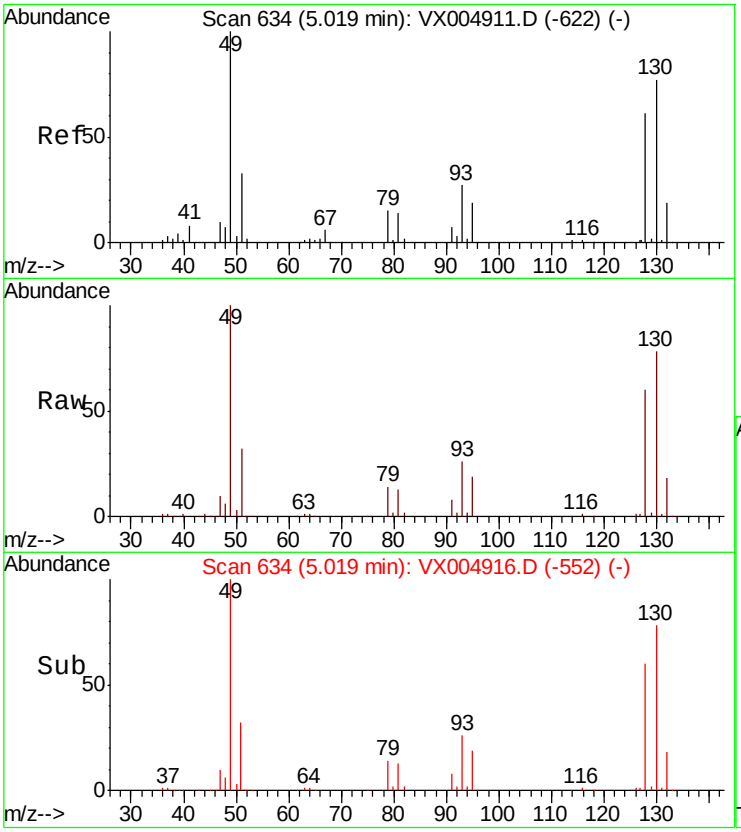
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100218\
Data File : VX004916.D
Acq On : 02 Oct 2018 13:11
Operator : JC/MD
Sample : VX1002WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Time: Oct 03 07:47:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:49:12 2018
Response via : Initial Calibration



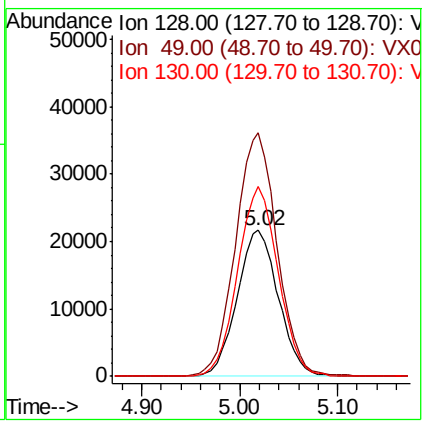


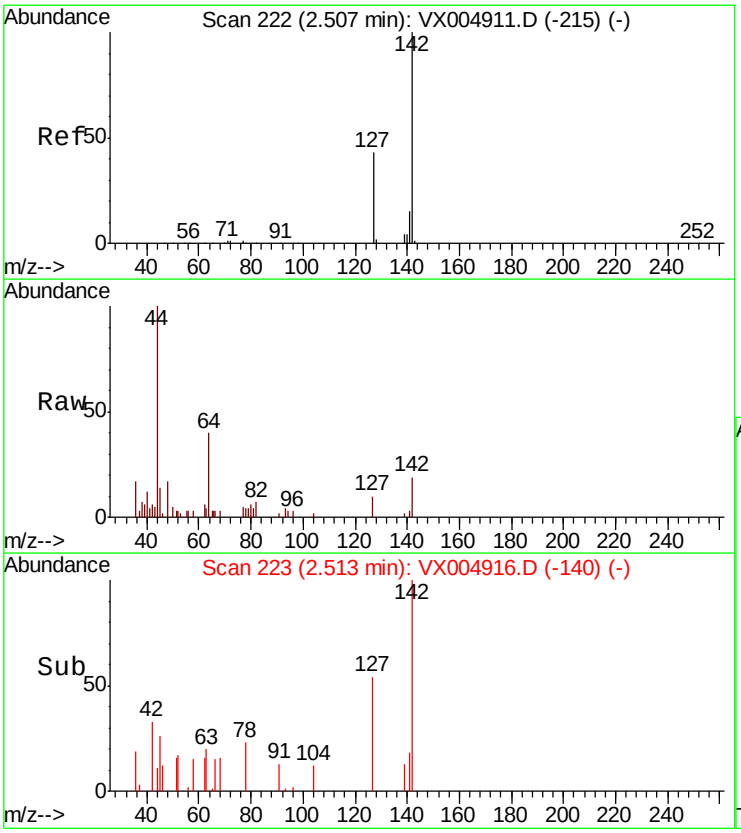
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:128 Resp: 63323

Ion	Ratio	Lower	Upper
128	100		
49	168.0	0.0	429.5
130	128.2	0.0	325.8

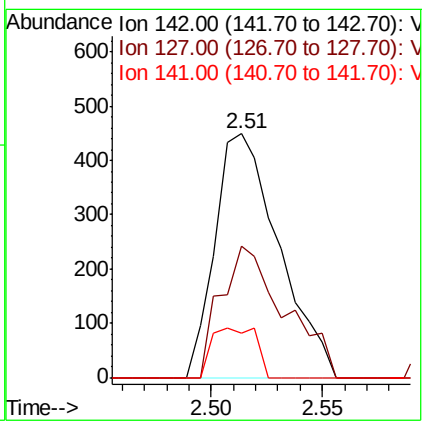


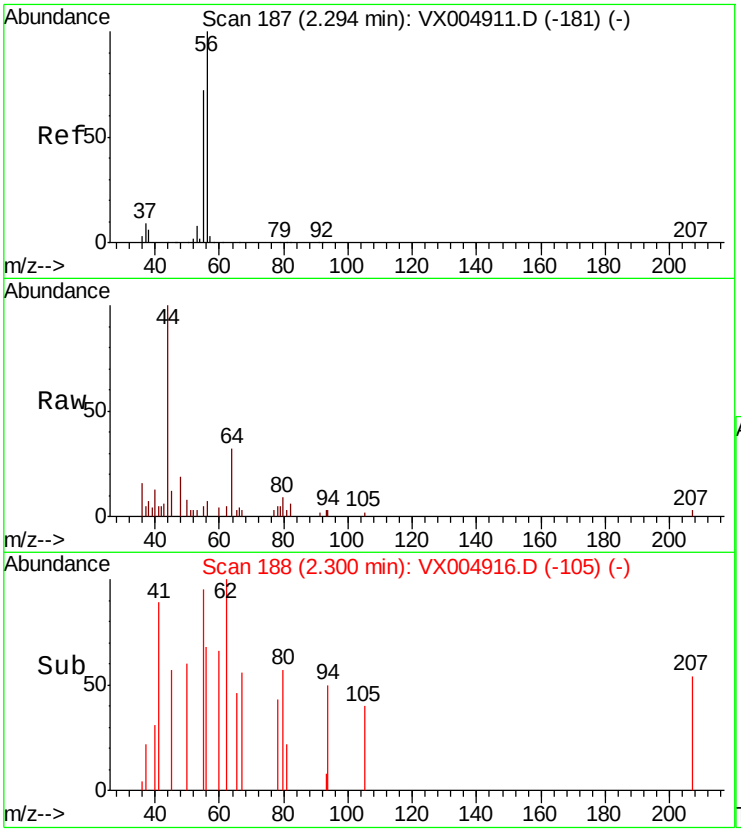


#11
Methyl Iodide
Concen: 11.024 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion:142 Resp: 894

Ion	Ratio	Lower	Upper
142	100		
127	53.9	21.6	64.8
141	18.3	7.5	22.6



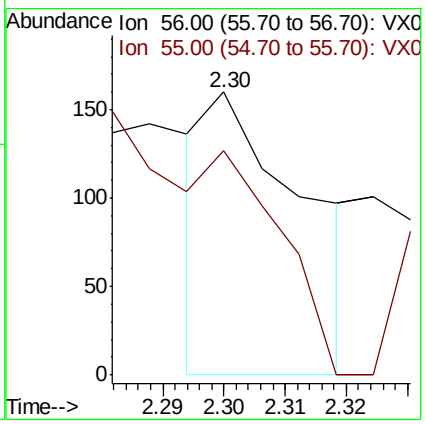


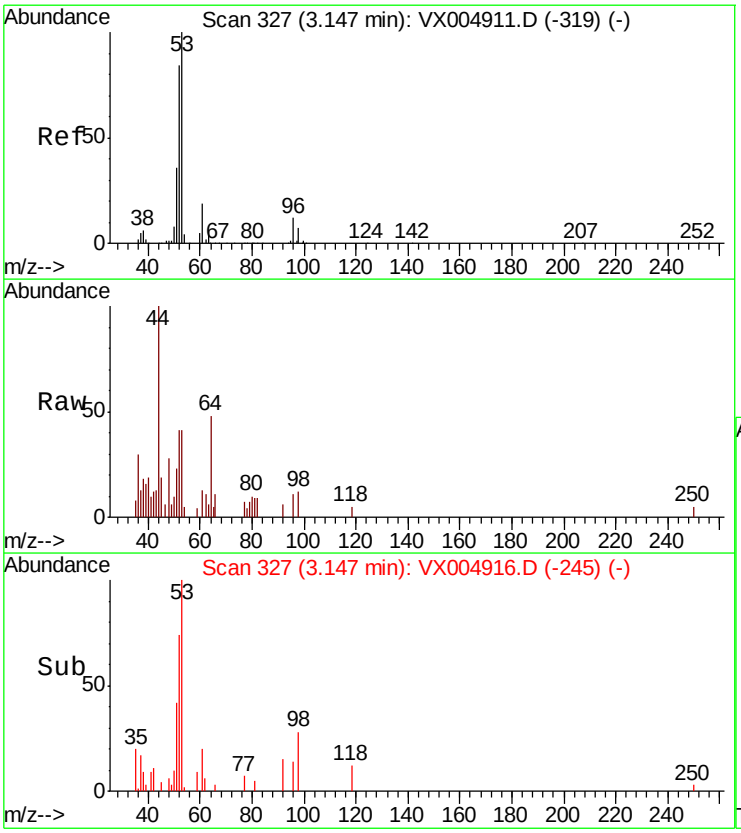
#13
Acrolein
Concen: 0.258 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument : MSVOA_X
ClientSampleId : VX1002WBL01

Tgt Ion: 56 Resp: 174

Ion	Ratio	Lower	Upper
56	100		
55	60.9	57.9	86.9

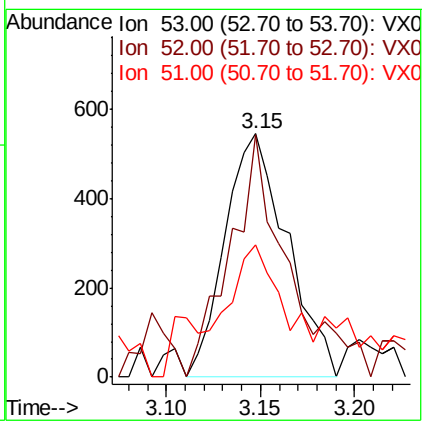


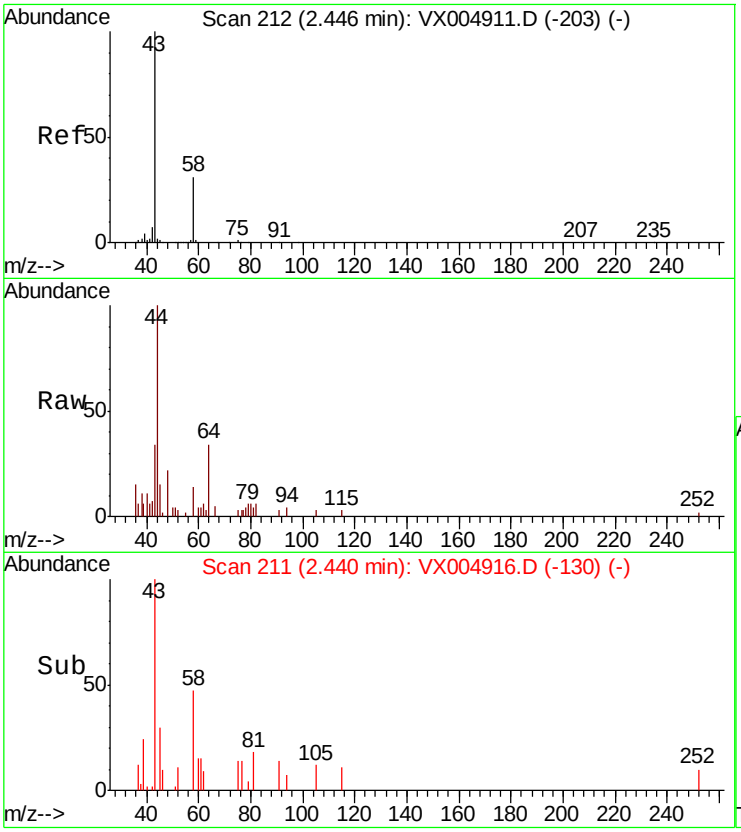


#14
Acrylonitrile
Concen: 0.416 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion: 53 Resp: 1243

Ion	Ratio	Lower	Upper
53	100		
52	82.0	41.5	124.6
51	42.6	18.0	54.0



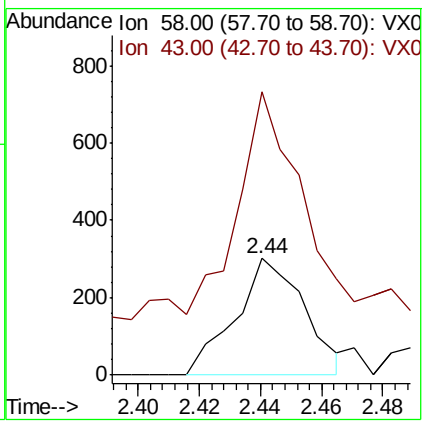


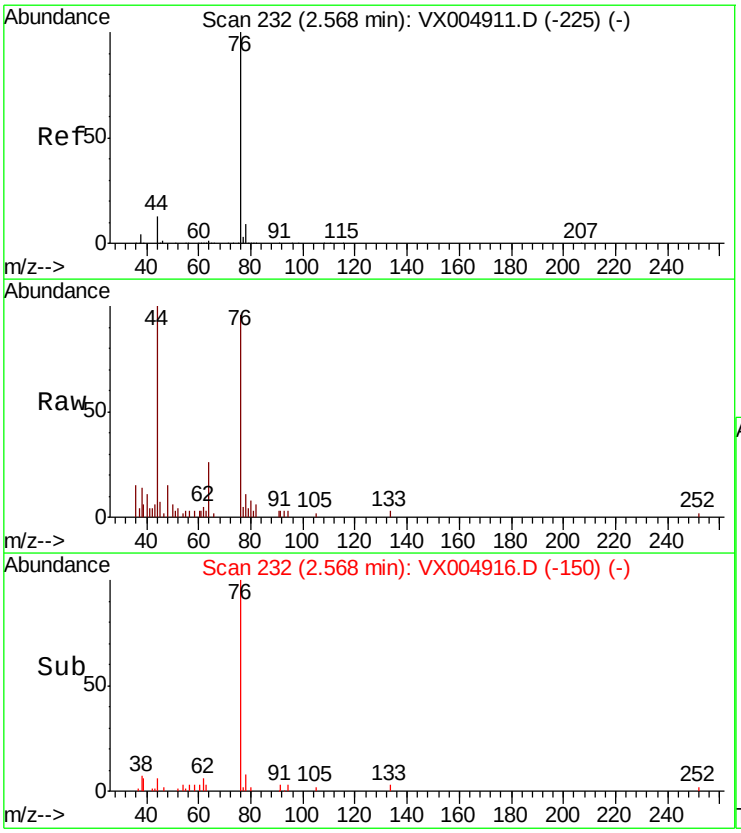
#15
Acetone
Concen: 0.473 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument : MSVOA_X
ClientSampleId : VX1002WBL01

Tgt Ion: 58 Resp: 472

Ion	Ratio	Lower	Upper
58	100		
43	190.4	258.6	388.0#

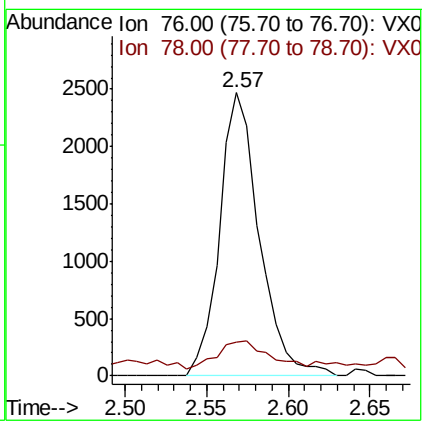


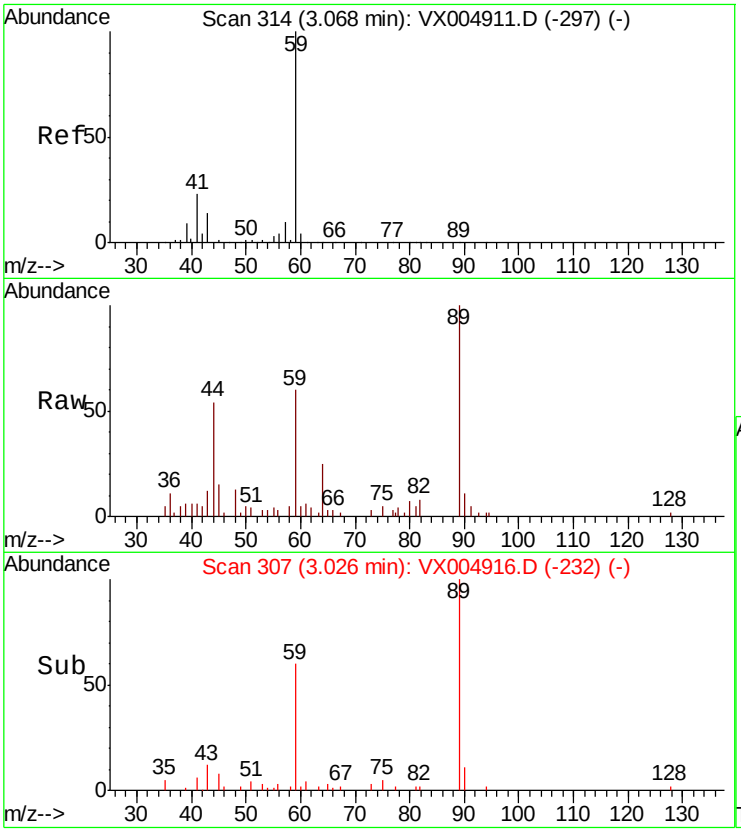


#16
Carbon Disulfide
Concen: 0.394 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion: 76 Resp: 4185

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7



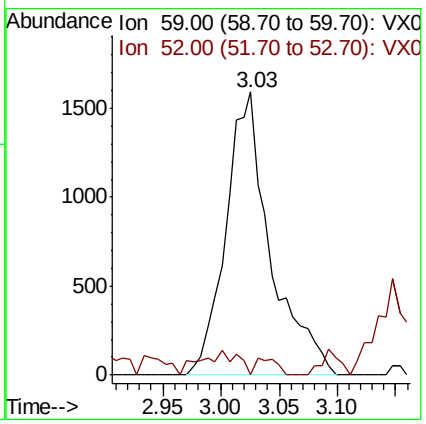


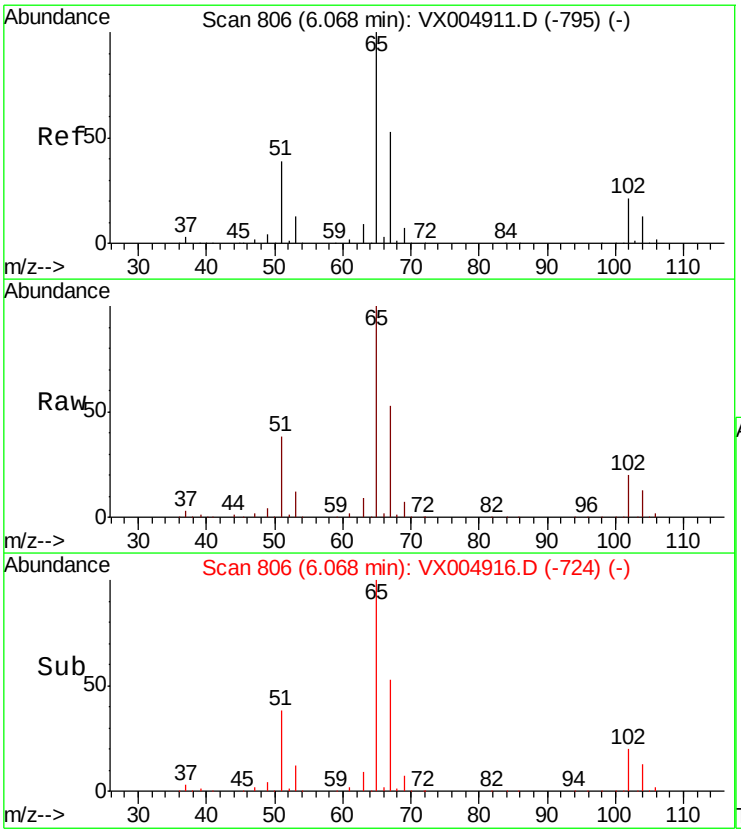
#23
tert-Butyl Alcohol
Concen: 3.082 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.04 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion: 59 Resp: 4247

Ion	Ratio	Lower	Upper
59	100		
52	2.8	0.1	0.1#

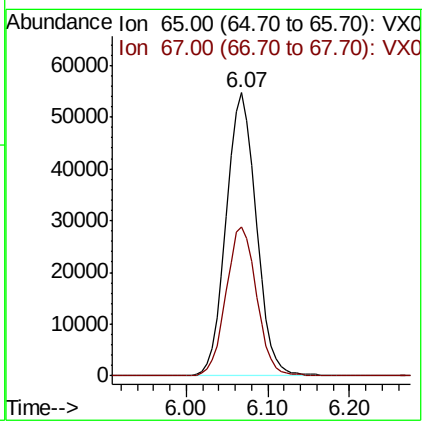


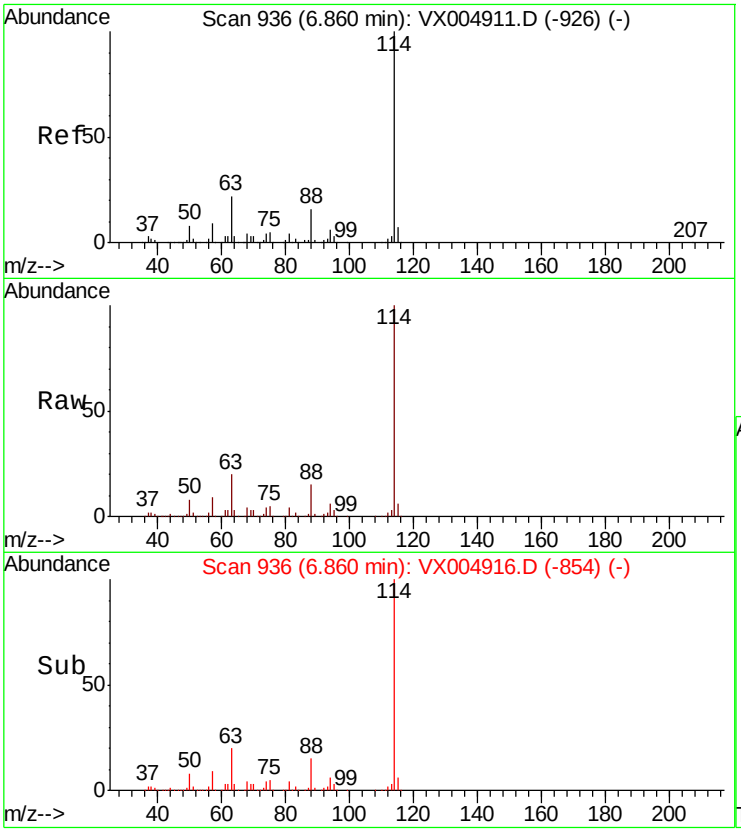


#27
1,2-Dichloroethane-d4
Concen: 29.036 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion: 65 Resp: 139717

Ion	Ratio	Lower	Upper
65	100		
67	53.4	43.0	64.6



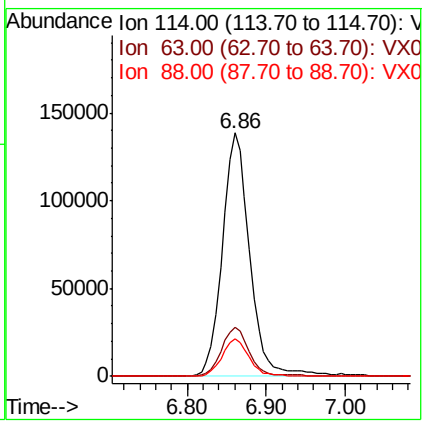


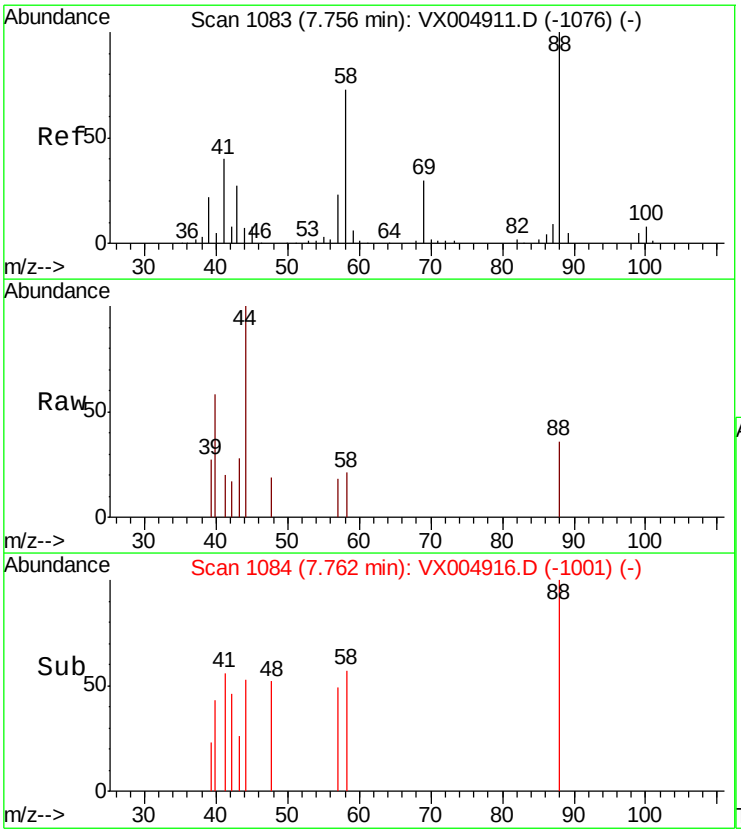
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:114 Resp: 334311

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.6	24.8
88	15.4	12.4	18.6

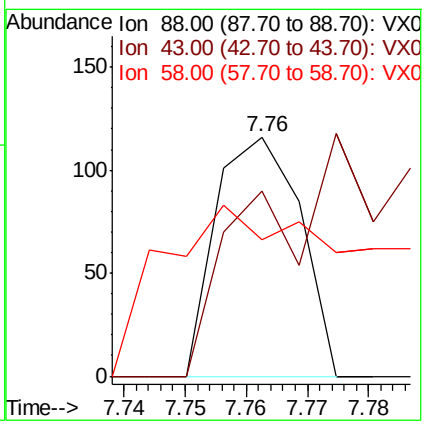


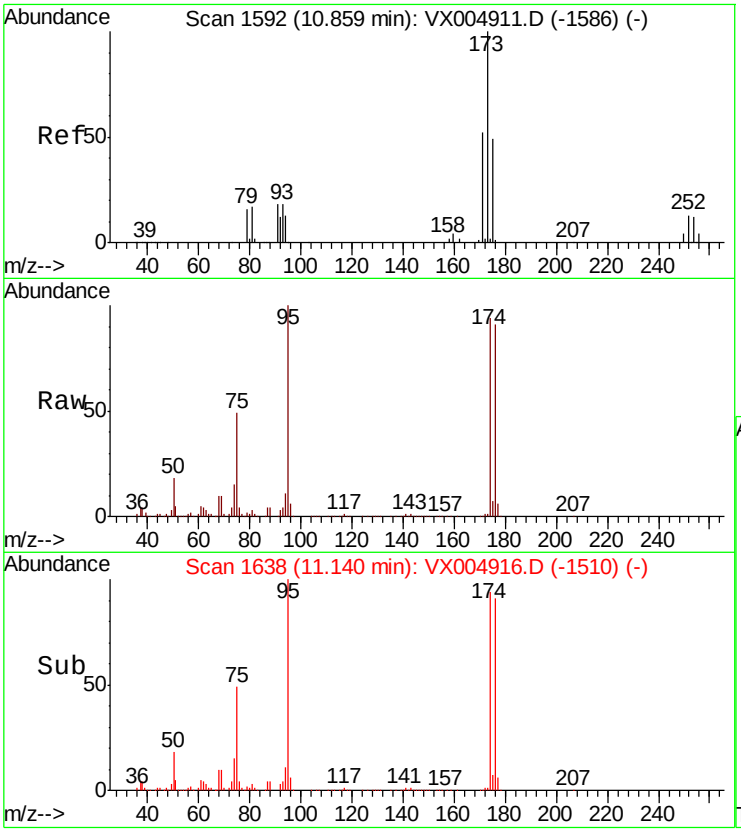


#45
1,4-Dioxane
Concen: 0.943 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
43	70.9	25.4	38.0#
58	133.6	61.0	91.6#



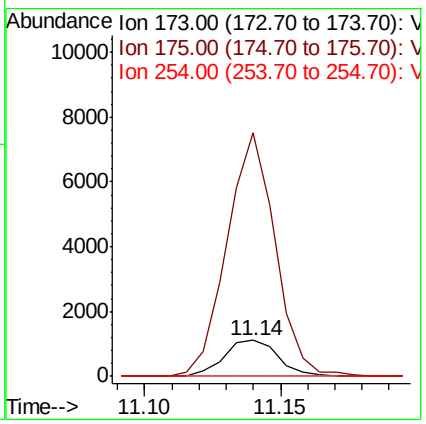


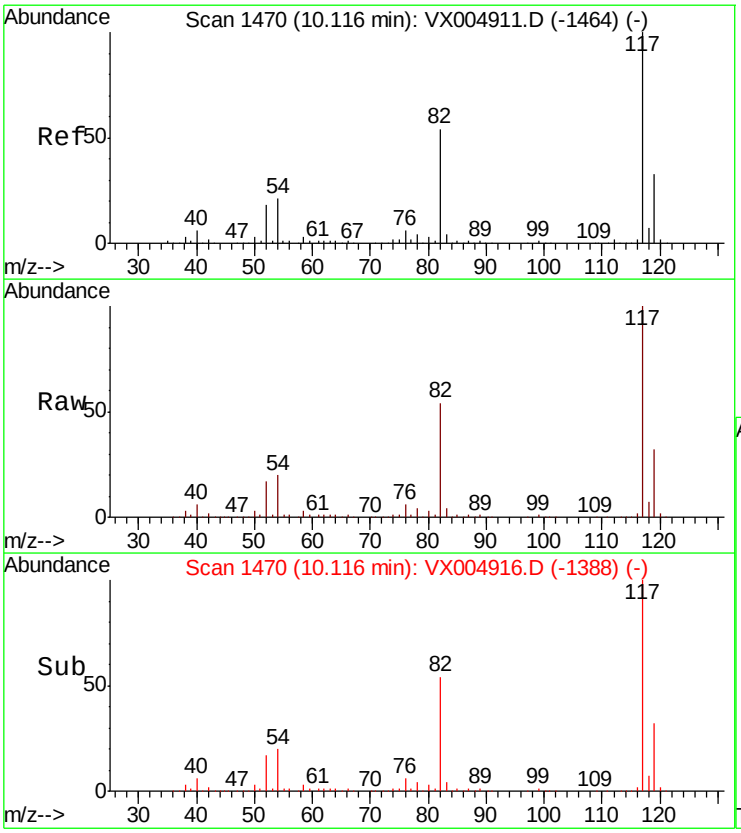
#56
Bromoform
Concen: 0.451 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.28 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion:173 Resp: 1534

Ion	Ratio	Lower	Upper
173	100		
175	602.3	39.7	59.5#
254	0.0	9.6	14.4#

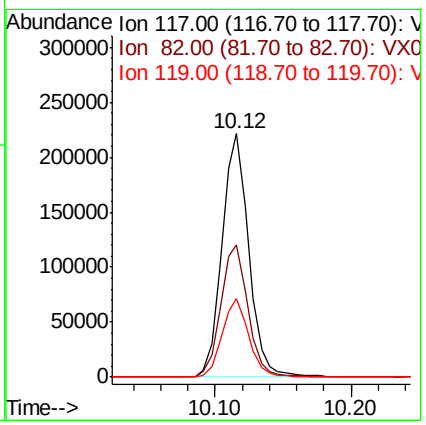


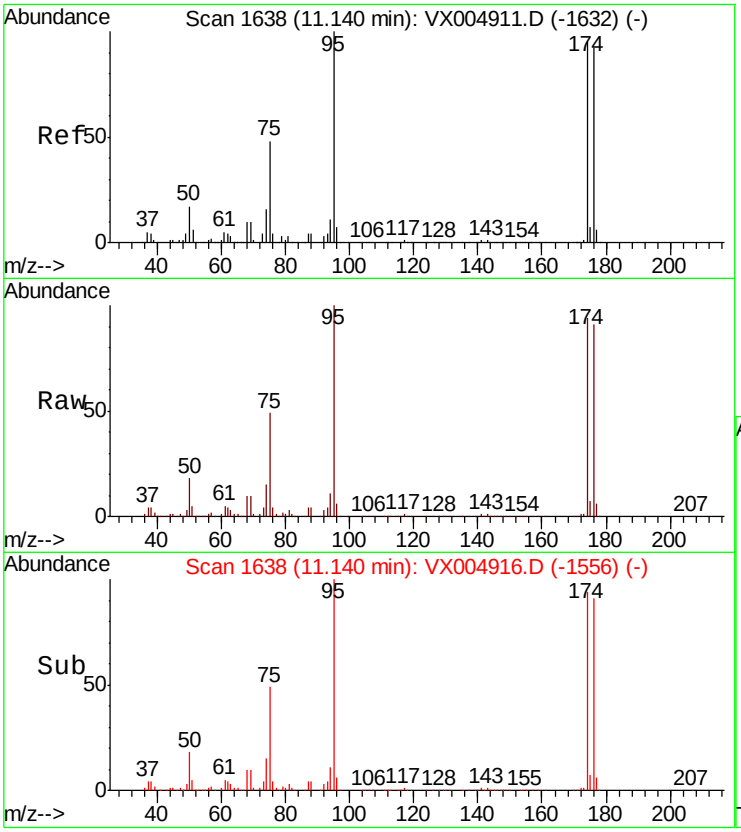


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion:117 Resp: 301105

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.4
119	32.4	25.8	38.6



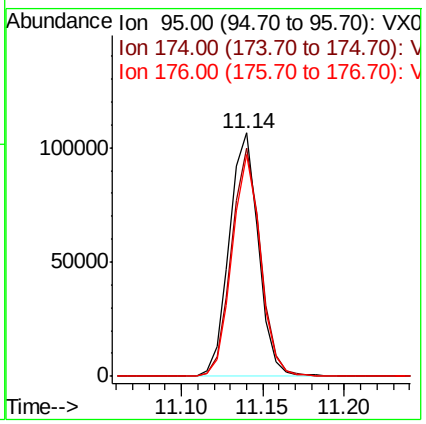


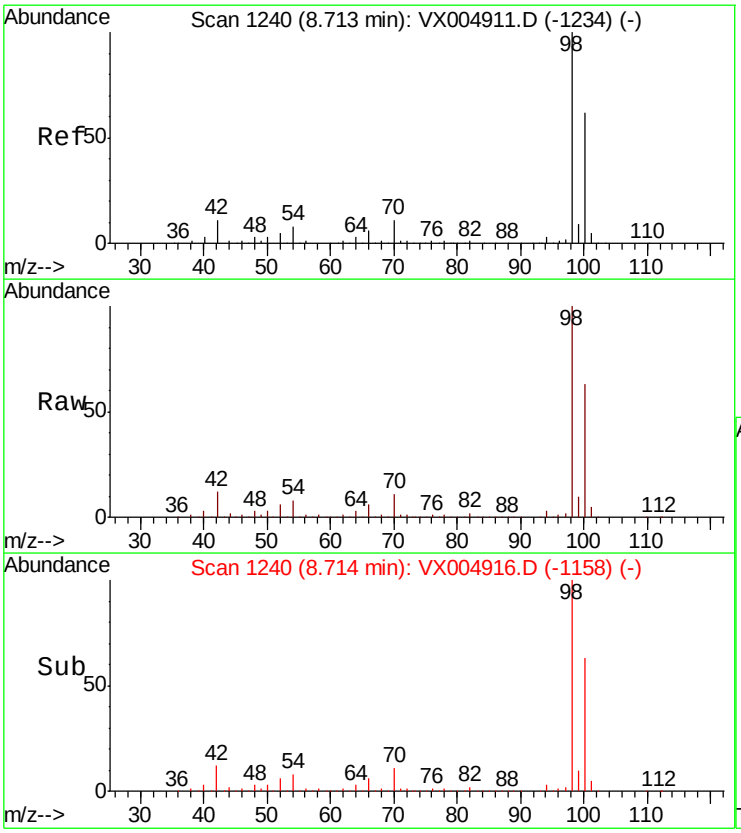
#60
4-Bromofluorobenzene
Concen: 26.495 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion: 95 Resp: 132609

Ion	Ratio	Lower	Upper
95	100		
174	93.1	73.1	109.7
176	88.8	71.0	106.6

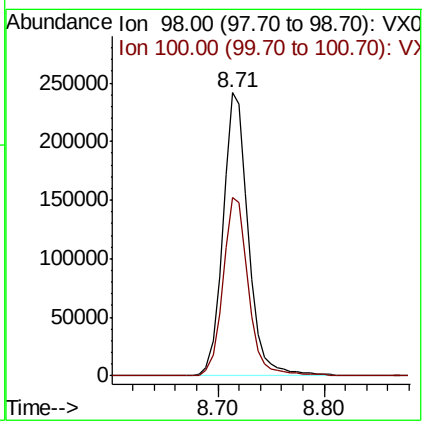


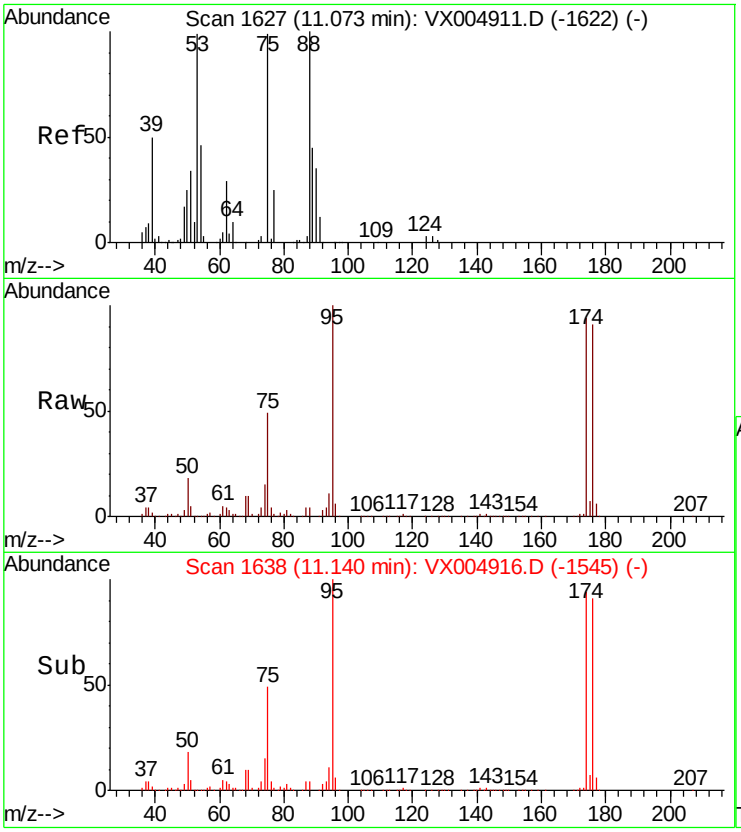


#63
Toluene-d8
Concen: 29.899 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Tgt Ion: 98 Resp: 401864

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.6	77.4





#77
t-1,4-Dichloro-2-butene
Concen: 34.631 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004916.D
Acq: 02 Oct 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Tgt Ion: 75 Resp: 66897

Ion	Ratio	Lower	Upper
75	100		
53	0.2	50.3	150.9#
89	0.0	22.6	67.8#