Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
Data File : VX008340.D
Acq On : 22 Mar 2019 15:49
Operator : JC/SP
Sample : K2038-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 37-ST-2019

Quant Time: Mar 23 01:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	30035	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	157113	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133781	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	64144	31.25	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.17%			
60) 4-Bromofluorobenzene	11.13	95	60554	27.81	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.70%			
63) Toluene-d8	8.71	98	183737	30.48	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.60%			
Target Compounds						Qvalue
6) Chloroethane	1.97	64	624	0.473	ug/l	94
7) Trichlorofluoromethane	1.94	101	5288	1.789	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	737	0.451	ug/l	86
13) Acrolein	2.44	56	149	0.540	ug/l	94
15) Acetone	2.45	58	880	2.568	ug/l	84
16) Carbon Disulfide	2.57	76	1467	0.328	ug/l #	93
18) Methylene Chloride	2.87	84	387	0.223	ug/l #	36
23) tert-Butyl Alcohol	3.05	59	430	1.212	ug/l #	85
45) 1,4-Dioxane	7.73	88	121	2.694	ug/l #	10
51) Ethyl methacrylate	8.72	69	1000	0.384	ug/l	83
75) 2-Chlorotoluene	11.42	91	2219	0.432	ug/l	95

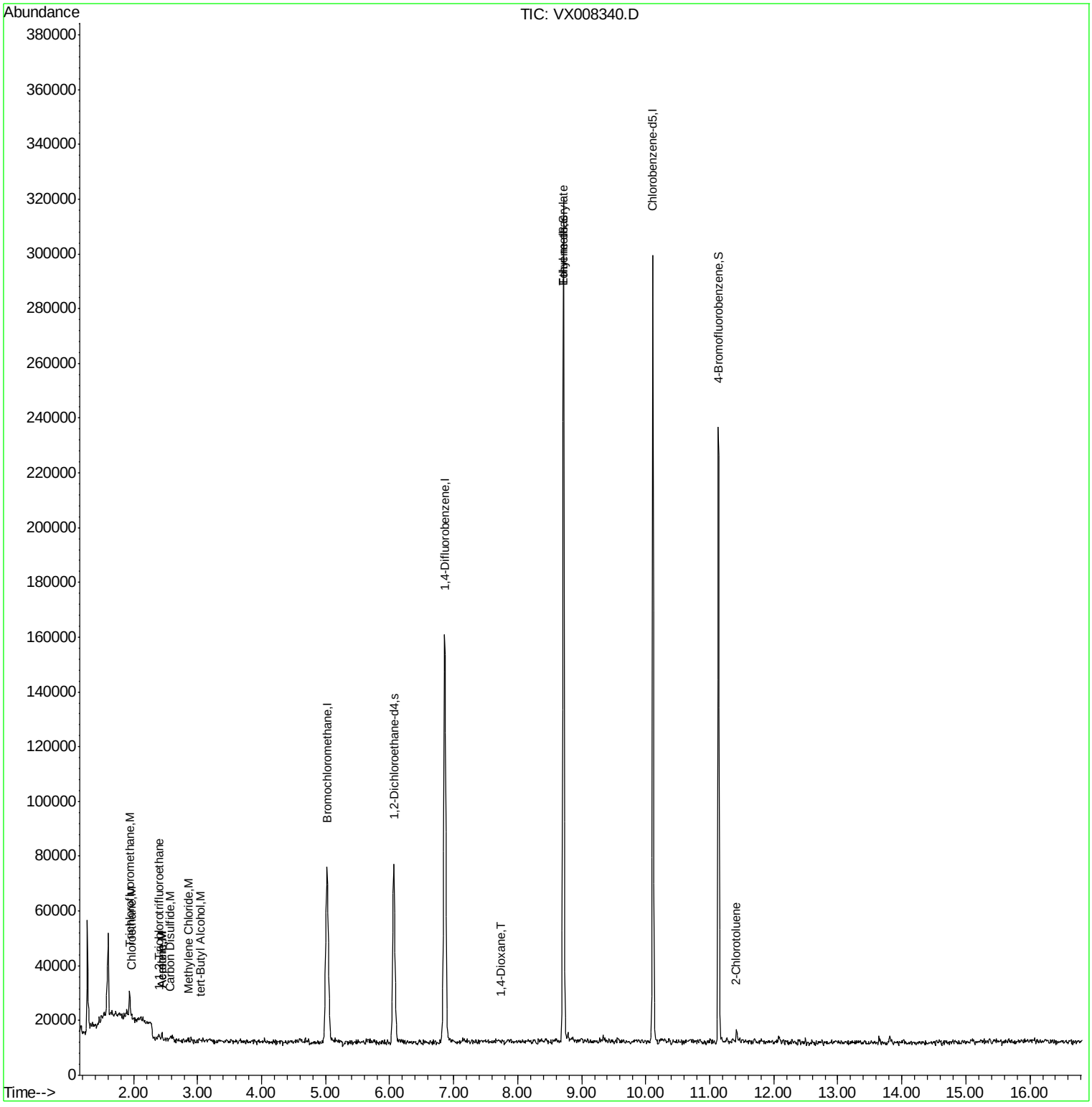
(#) = qualifier out of range (m) = manual integration (+) = signals summed

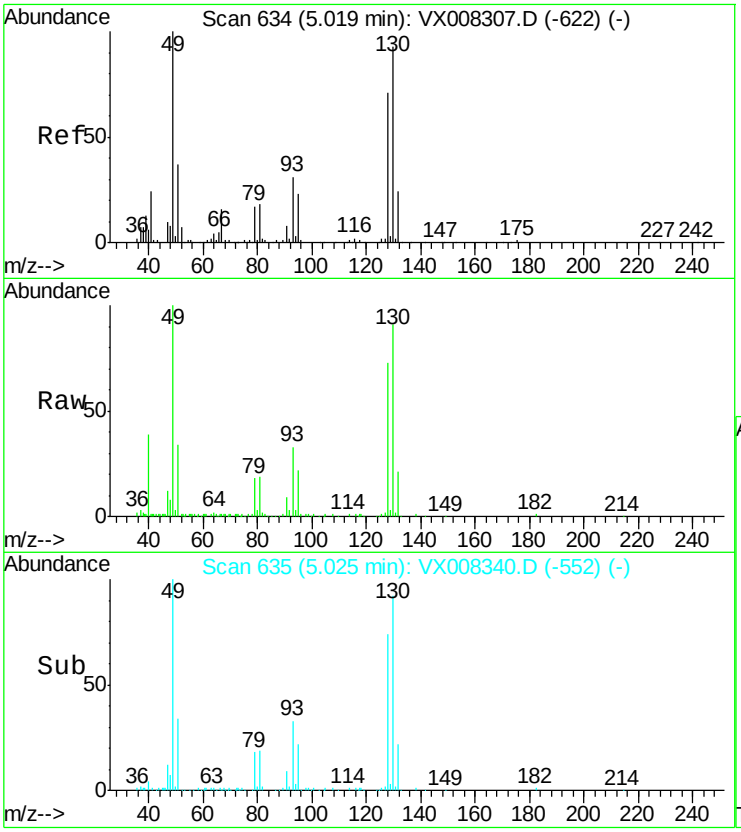
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032219\
Data File : VX008340.D
Acq On : 22 Mar 2019 15:49
Operator : JC/SP
Sample : K2038-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Quant Time: Mar 23 01:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 22 15:33:35 2019
Response via : Initial Calibration



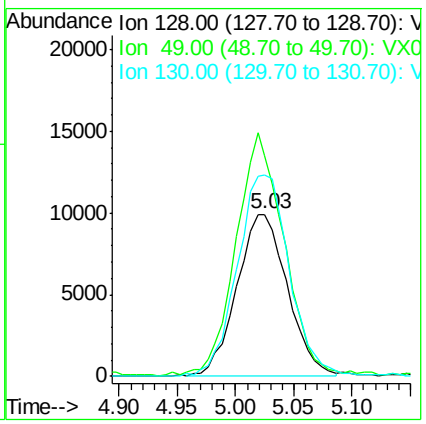


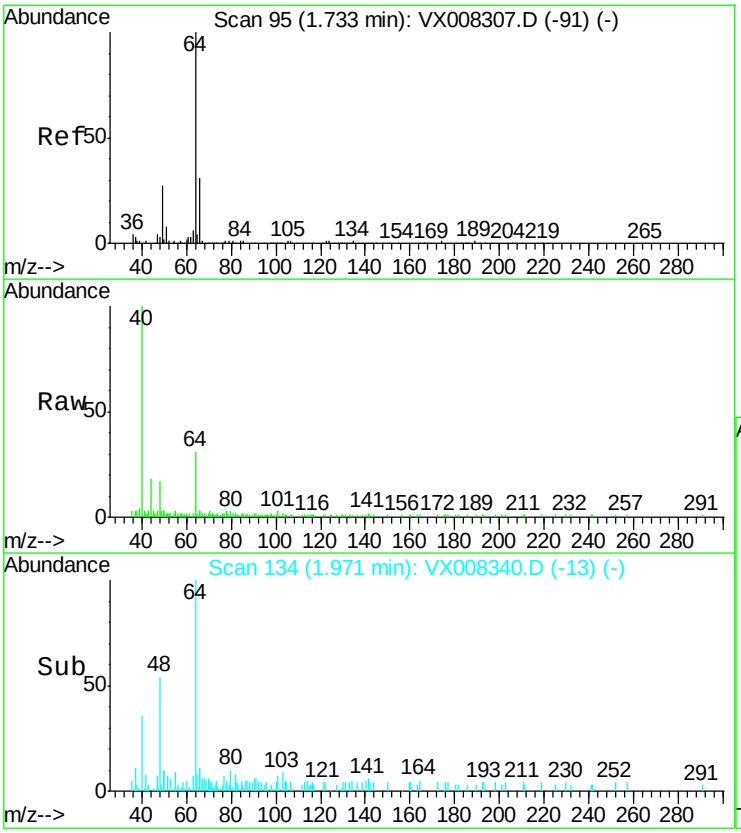
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion:128 Resp: 30035

Ion	Ratio	Lower	Upper
128	100		
49	141.0	0.0	350.8
130	127.8	0.0	325.8

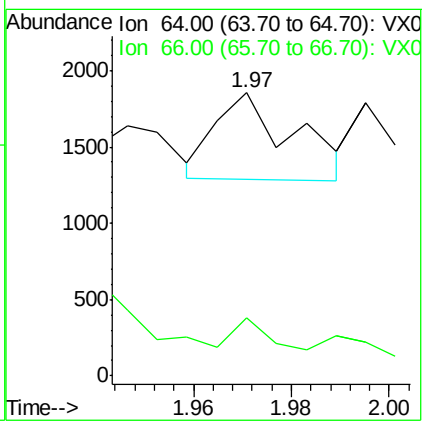


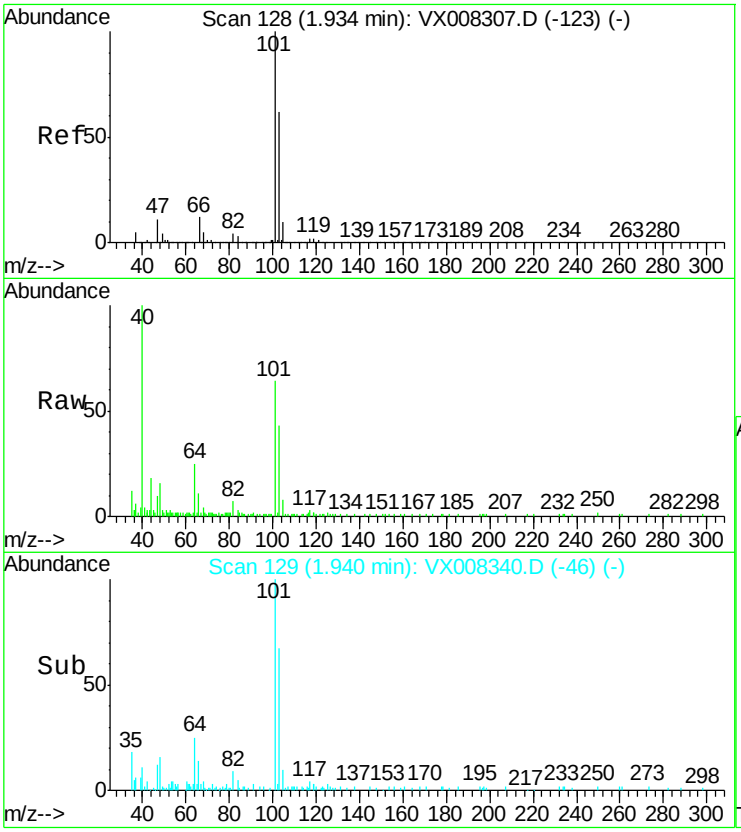


#6
Chloroethane
Concen: 0.473 ug/l
RT: 1.97 min Scan# 134
Delta R.T. 0.24 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 64 Resp: 624

Ion	Ratio	Lower	Upper
64	100		
66	33.1	23.9	35.9



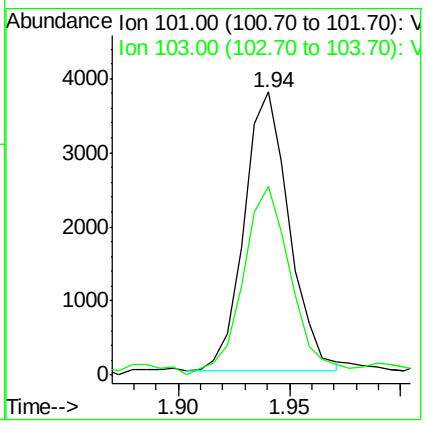


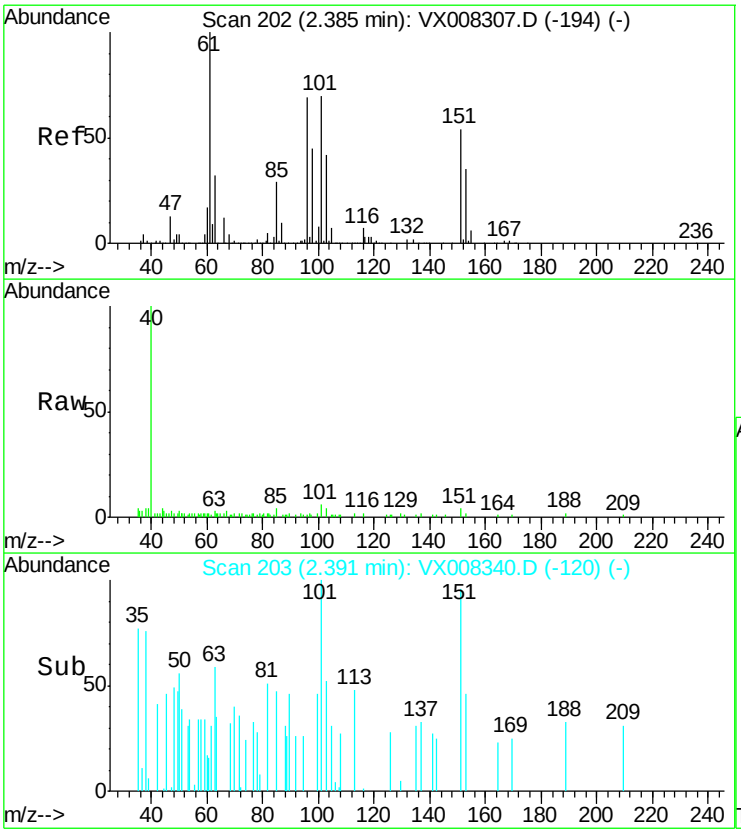
#7
Trichlorofluoromethane
Concen: 1.789 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion:101 Resp: 5288

Ion	Ratio	Lower	Upper
101	100		
103	67.8	50.4	75.6

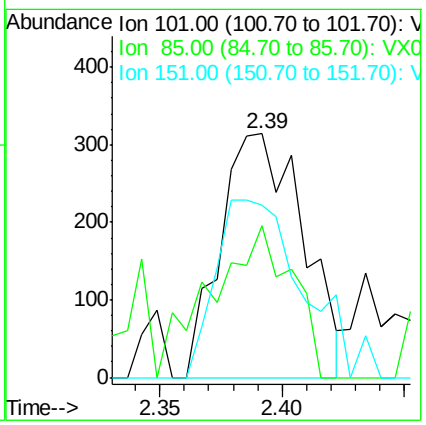


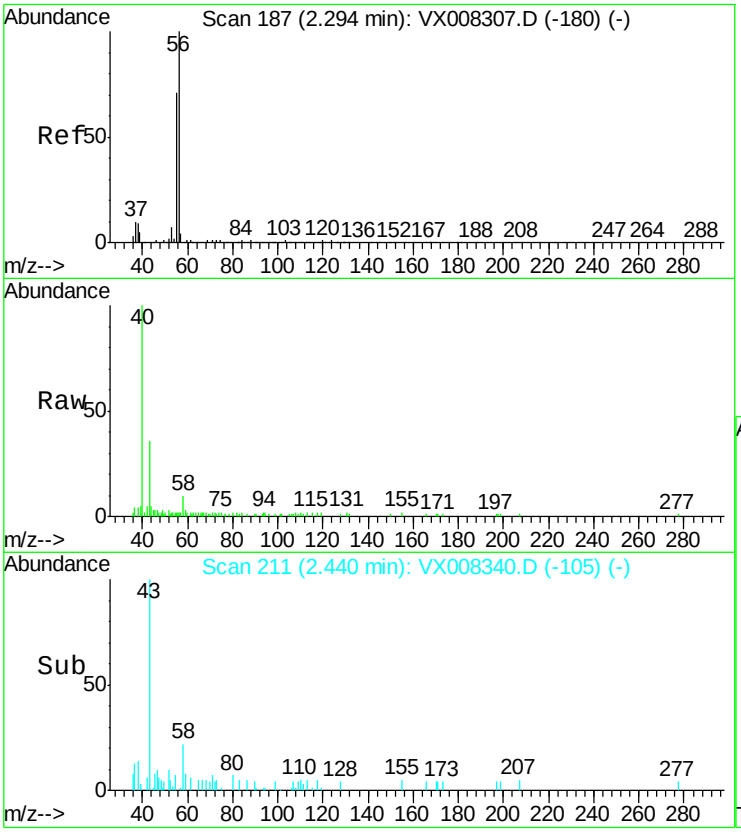


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.451 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion:101 Resp: 737

Ion	Ratio	Lower	Upper
101	100		
85	48.7	0.0	86.8
151	69.7	0.0	169.2



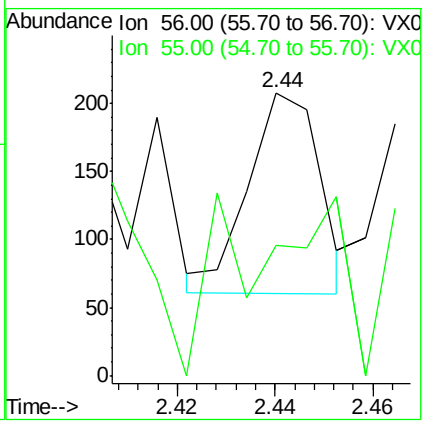


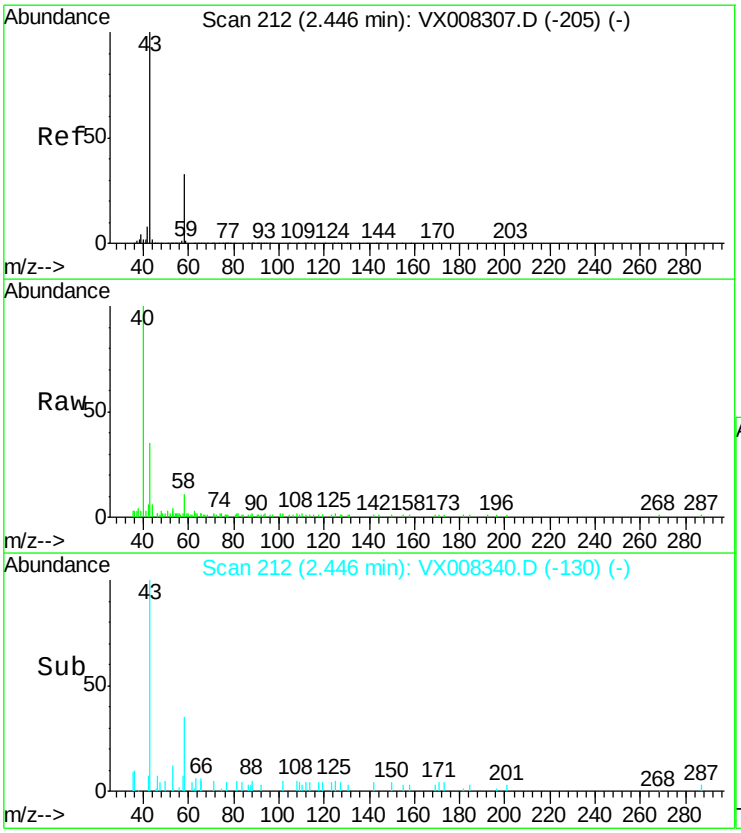
#13
Acrolein
Concen: 0.540 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.15 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion: 56 Resp: 149

Ion	Ratio	Lower	Upper
56	100		
55	78.5	58.6	87.8

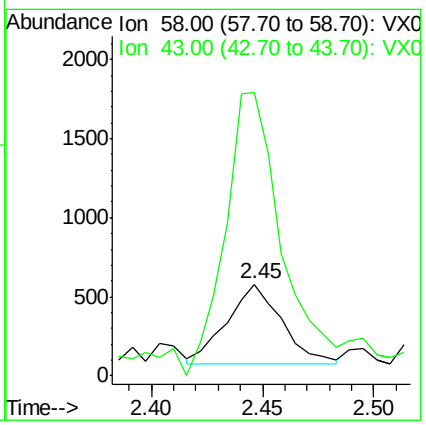


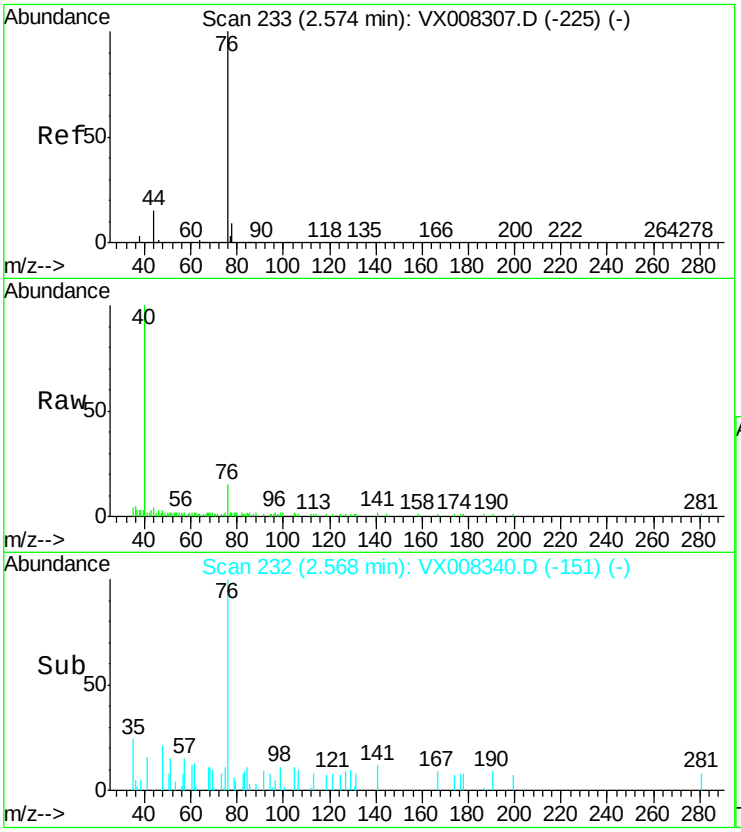


#15
Acetone
Concen: 2.568 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 58 Resp: 880

Ion	Ratio	Lower	Upper
58	100		
43	345.0	249.8	374.6



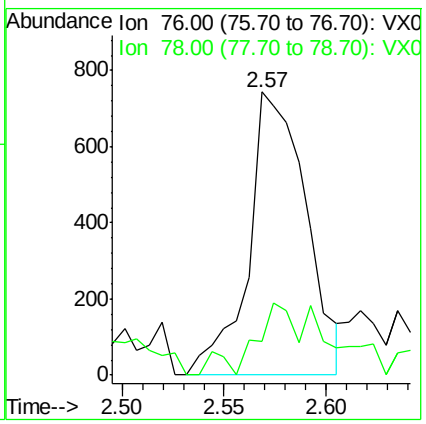


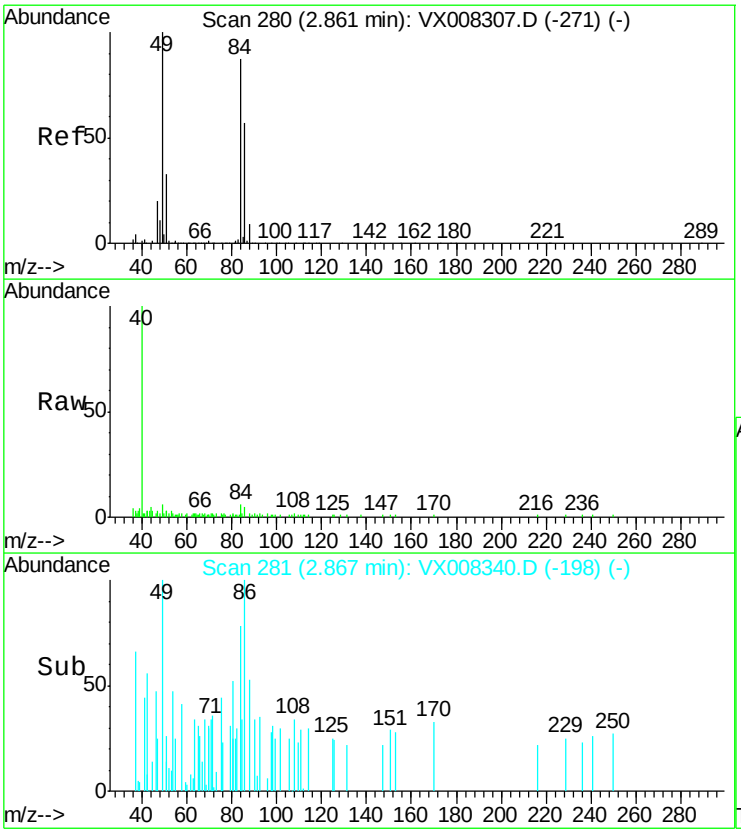
#16
Carbon Disulfide
Concen: 0.328 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument : MSVOA_X
ClientSampleId : 37-ST-2019

Tgt Ion: 76 Resp: 1467

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.5	11.3#

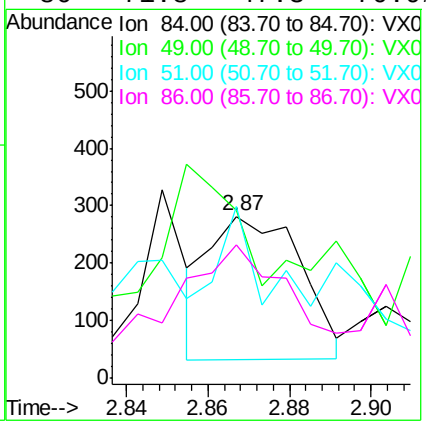


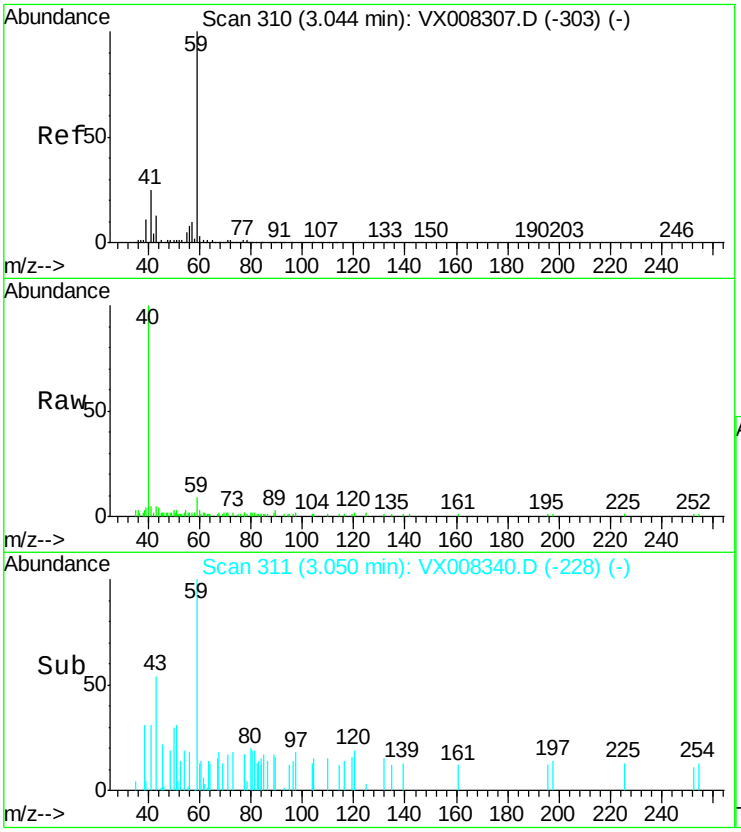


#18
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 84 Resp: 387

Ion	Ratio	Lower	Upper
84	100		
49	24.4	96.1	144.1#
51	75.1	29.1	43.7#
86	71.8	47.3	70.9#



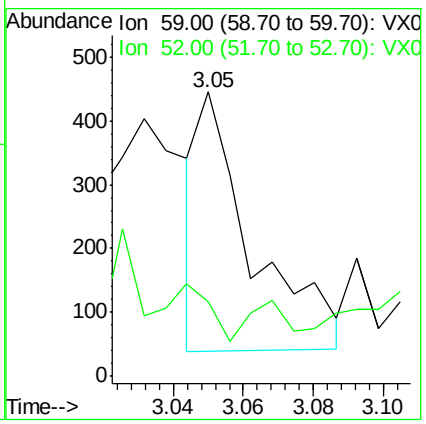


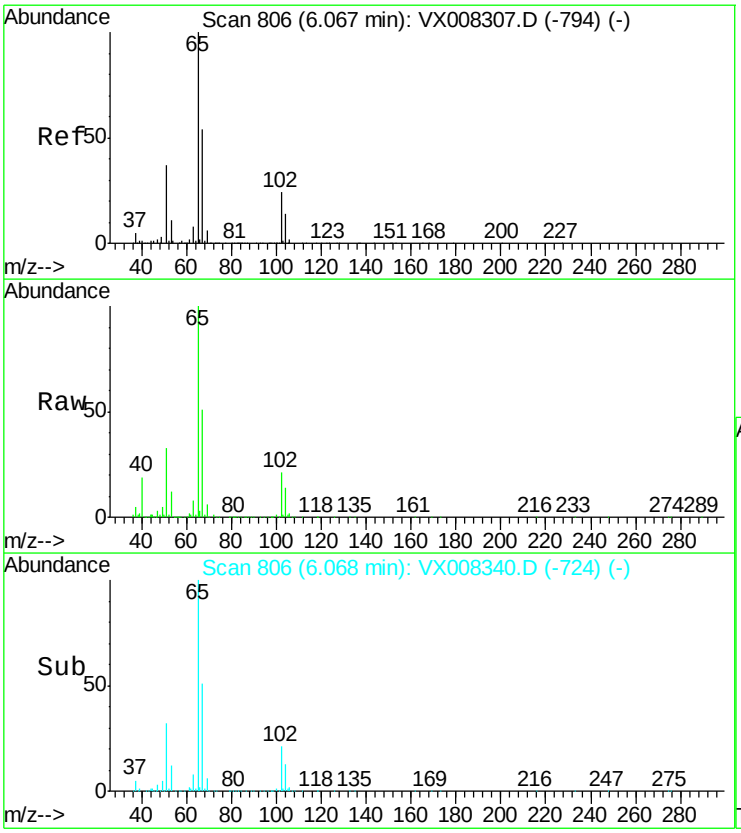
#23
tert-Butyl Alcohol
Concen: 1.212 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion: 59 Resp: 430

Ion	Ratio	Lower	Upper
59	100		
52	19.3	0.2	0.2#

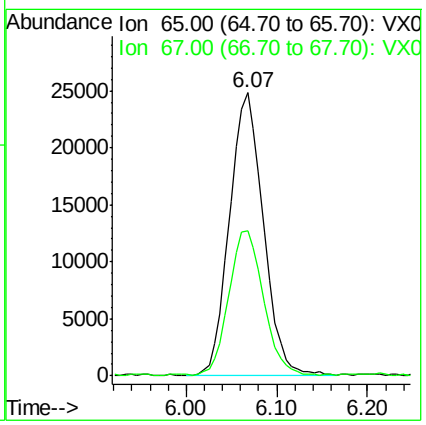


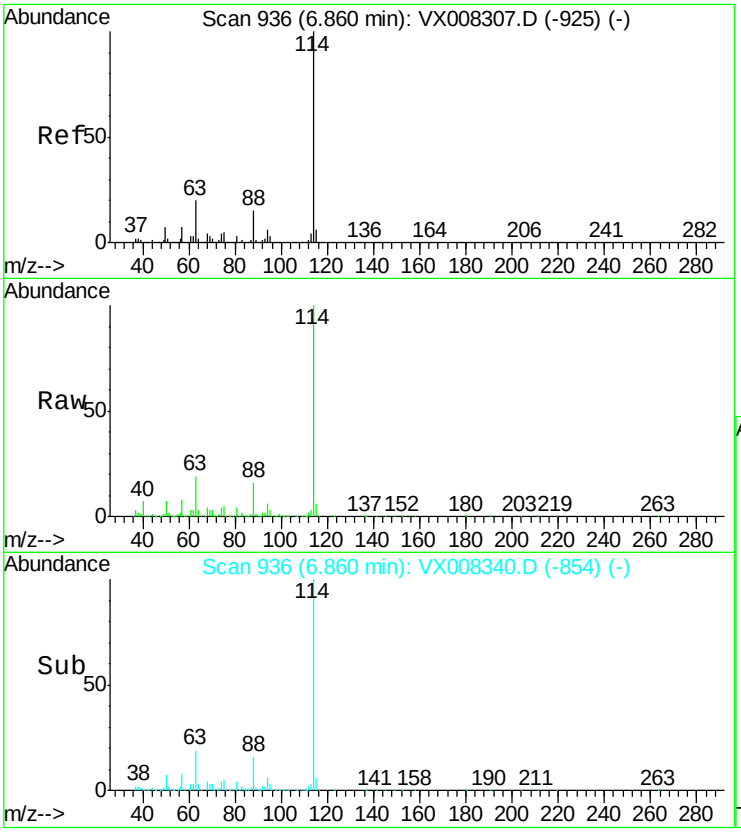


#27
1,2-Dichloroethane-d4
Concen: 31.253 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 65 Resp: 64144

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.9	64.3



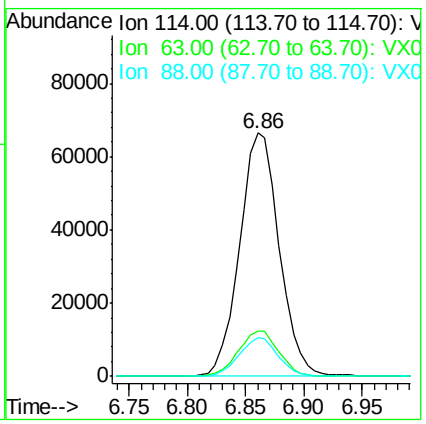


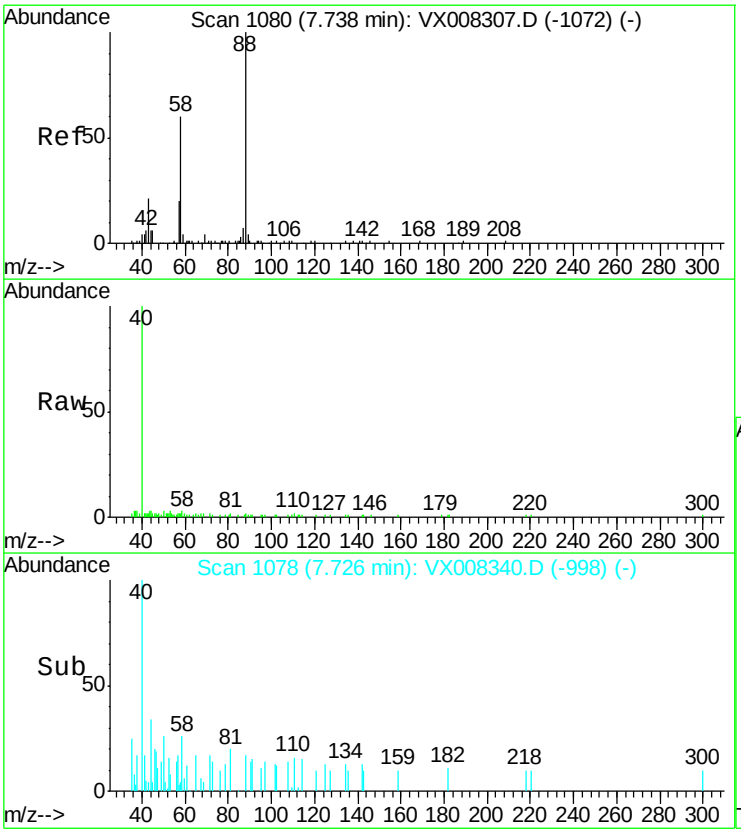
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument : MSVOA_X
ClientSampleId : 37-ST-2019

Tgt Ion:114 Resp: 157113

Ion	Ratio	Lower	Upper
114	100		
63	19.1	14.2	21.4
88	15.6	11.9	17.9

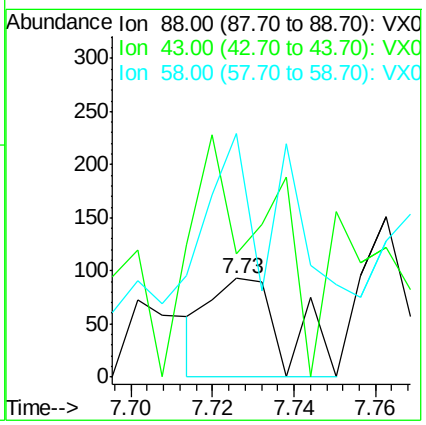


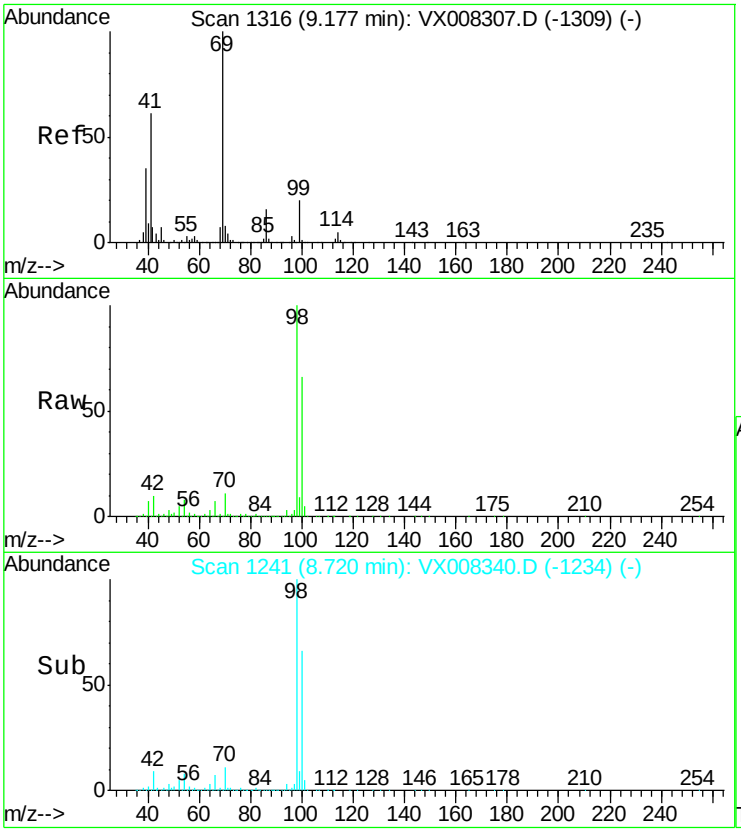


#45
1,4-Dioxane
Concen: 2.694 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 88 Resp: 121

Ion	Ratio	Lower	Upper
88	100		
43	141.3	23.6	35.4#
58	92.6	51.6	77.4#



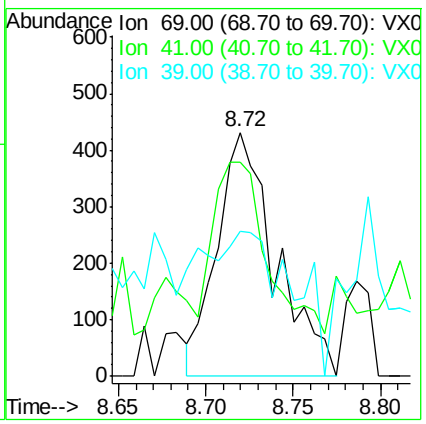


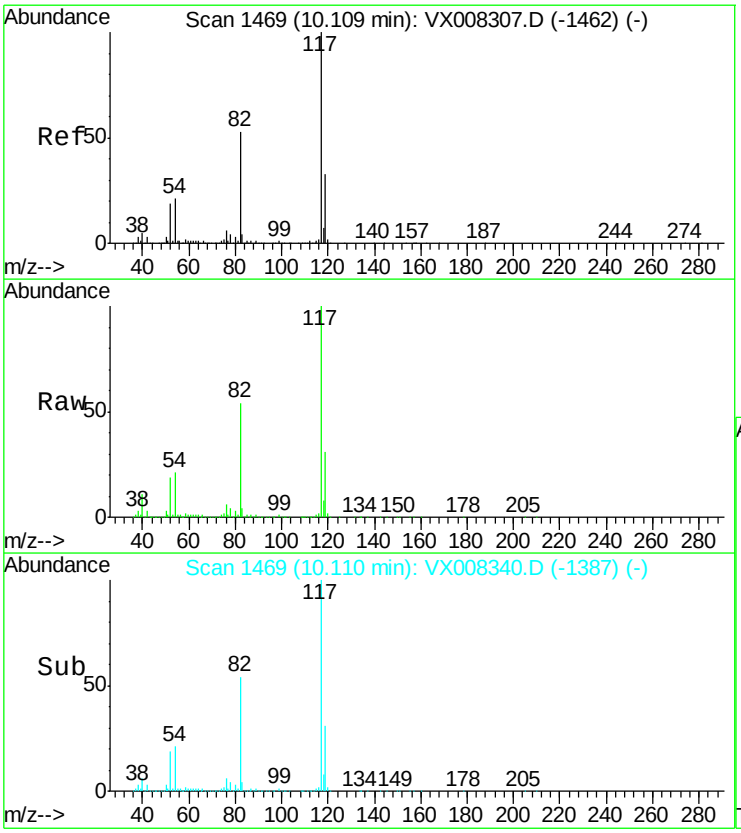
#51
Ethyl methacrylate
Concen: 0.384 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.46 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument : MSVOA_X
ClientSampleId : 37-ST-2019

Tgt Ion: 69 Resp: 1000

Ion	Ratio	Lower	Upper
69	100		
41	56.6	32.1	96.5
39	19.7	18.8	56.3

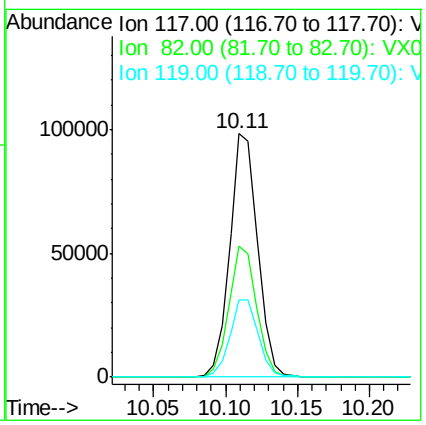


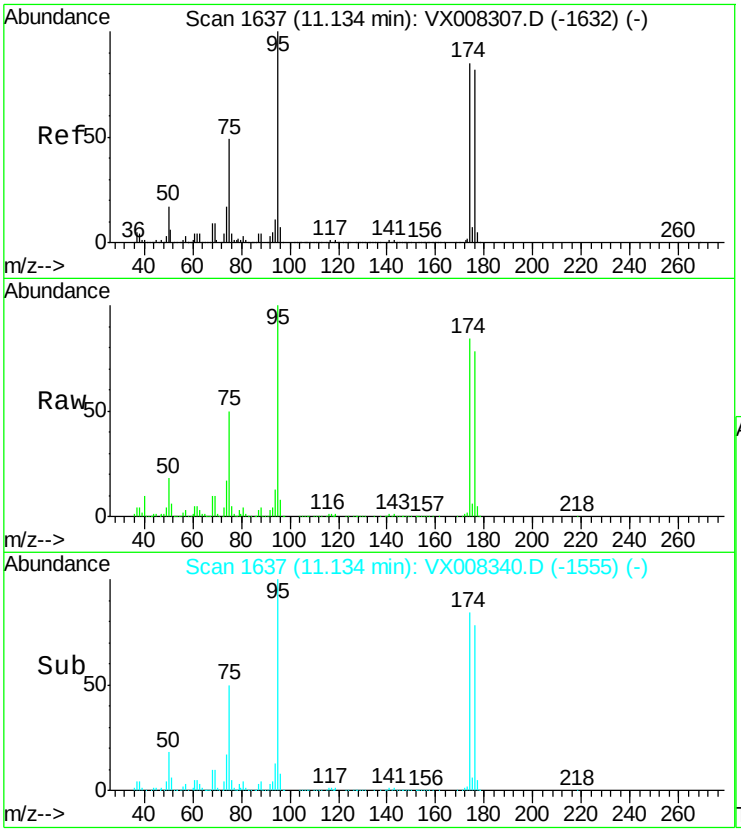


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion:117 Resp: 133781

Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.4	60.6
119	32.2	25.8	38.6



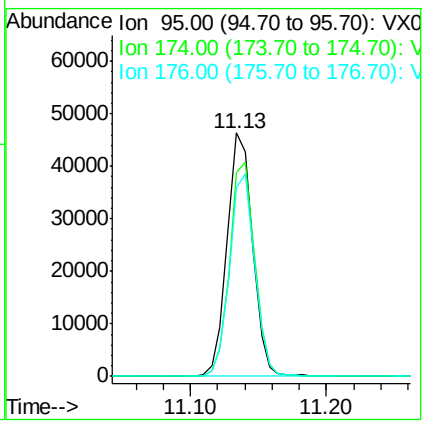


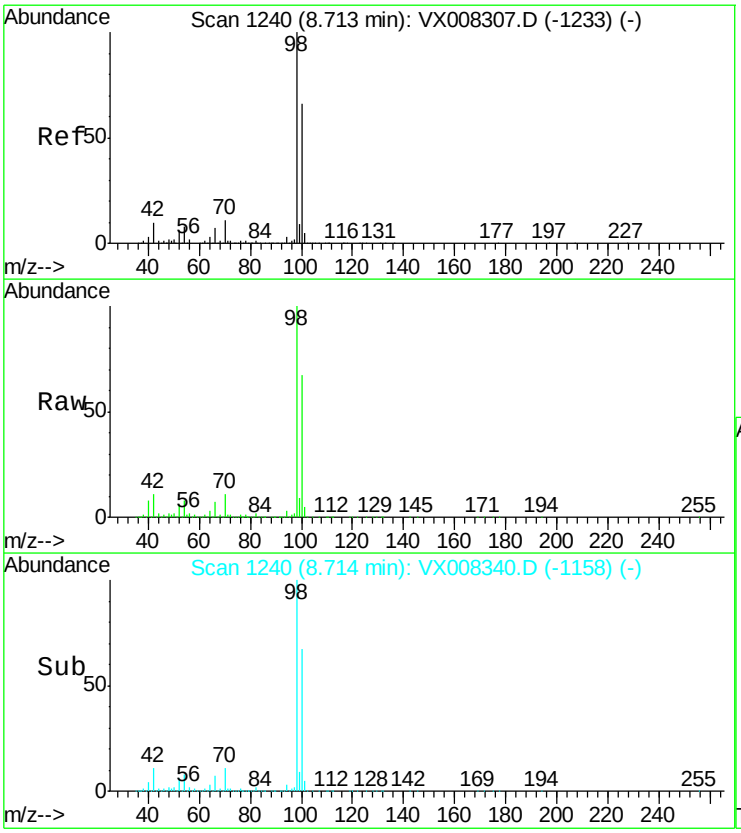
#60
4-Bromofluorobenzene
Concen: 27.807 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion: 95 Resp: 60554

Ion	Ratio	Lower	Upper
95	100		
174	87.0	74.9	112.3
176	82.3	70.7	106.1

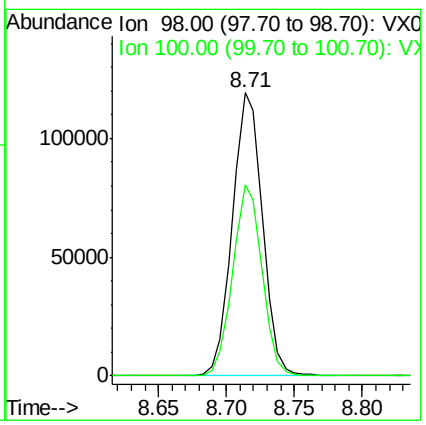


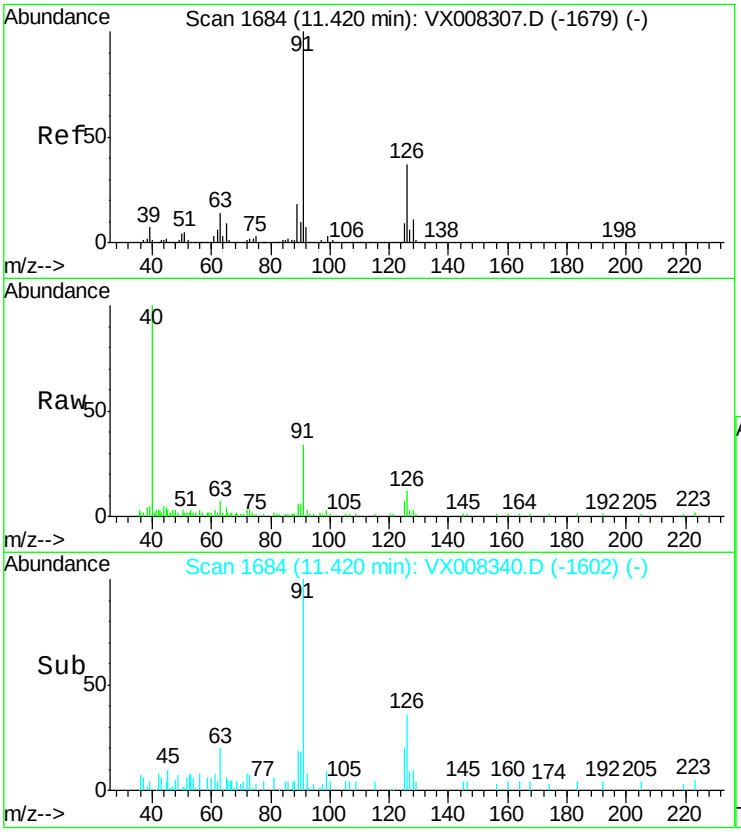


#63
Toluene-d8
Concen: 30.483 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Tgt Ion: 98 Resp: 183737

Ion	Ratio	Lower	Upper
98	100		
100	66.0	50.9	76.3





#75
2-Chlorotoluene
Concen: 0.432 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008340.D
Acq: 22 Mar 2019 15:49

Instrument :
MSVOA_X
ClientSampleId :
37-ST-2019

Tgt Ion: 91 Resp: 2219

Ion	Ratio	Lower	Upper
91	100		
126	40.5	0.0	75.2