Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111219\
Data File : VX013377.D
Acq On : 12 Nov 2019 11:36
Operator : JC/SP
Sample : K5765-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-011-IDWGW-20191107

Quant Time: Nov 12 12:30:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.00	128	142019	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	786856	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	679501	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	307173	29.29	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.63%				
60) 4-Bromofluorobenzene	11.13	95	300350	27.50	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.67%				
63) Toluene-d8	8.71	98	935927	30.46	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.53%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	2331	0.201	ug/l		92
13) Acrolein	2.38	56	349	0.214	ug/l		100
14) Acrylonitrile	3.13	53	1143	0.202	ug/l	#	37
15) Acetone	2.43	58	3415	1.995	ug/l		99
23) tert-Butyl Alcohol	3.01	59	4422	1.626	ug/l	#	99
41) Bromodichloromethane	7.90	83	2671	0.218	ug/l	#	61
45) 1,4-Dioxane	7.84	88	270	1.052	ug/l		94
53) Dibromochloromethane	9.58	129	5279	0.537	ug/l		95
56) Bromoform	10.85	173	4255	0.543	ug/l	#	87
61) Tetrachloroethene	9.34	164	2709	0.323	ug/l	#	62

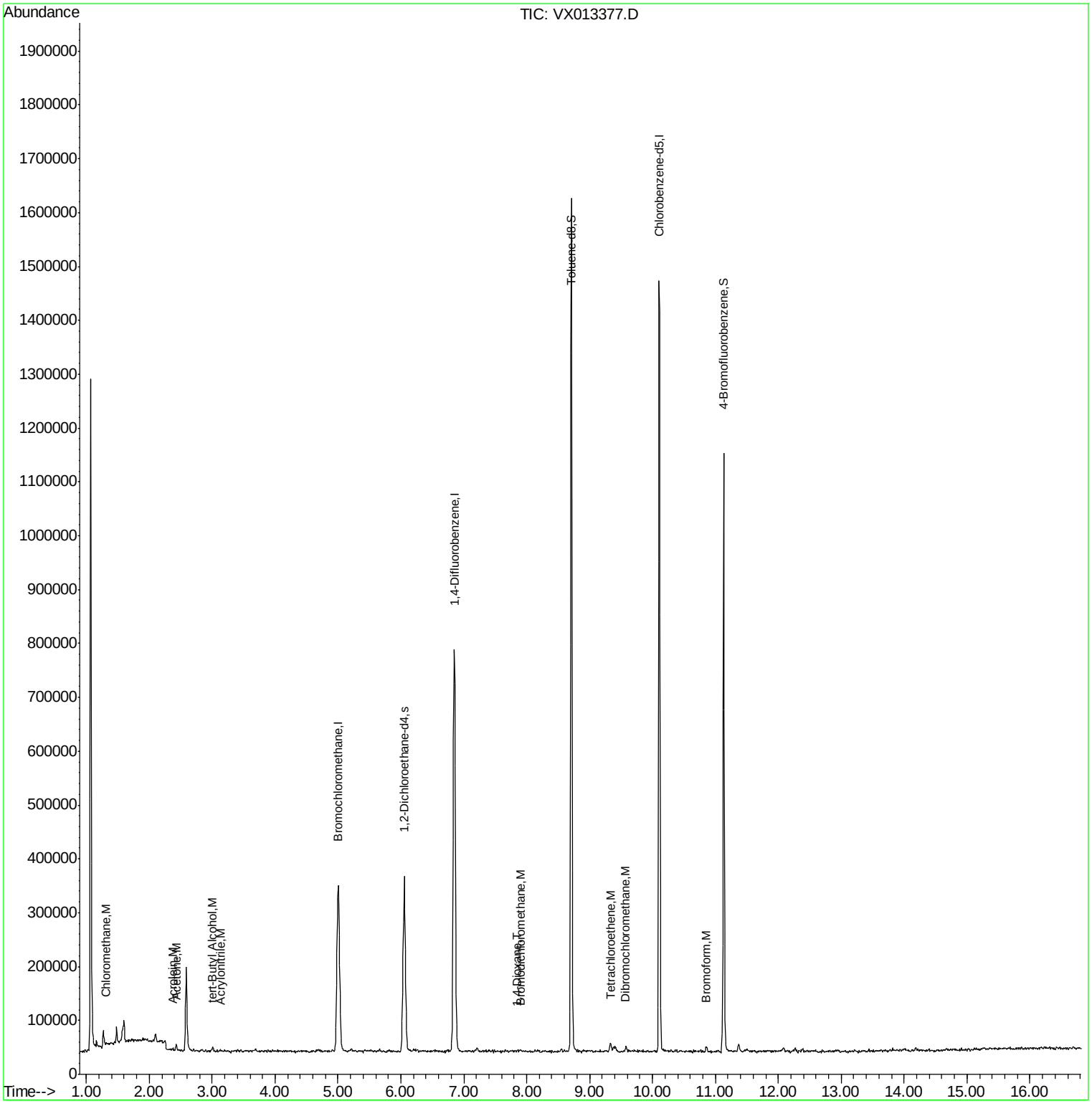
(#) = qualifier out of range (m) = manual integration (+) = signals summed

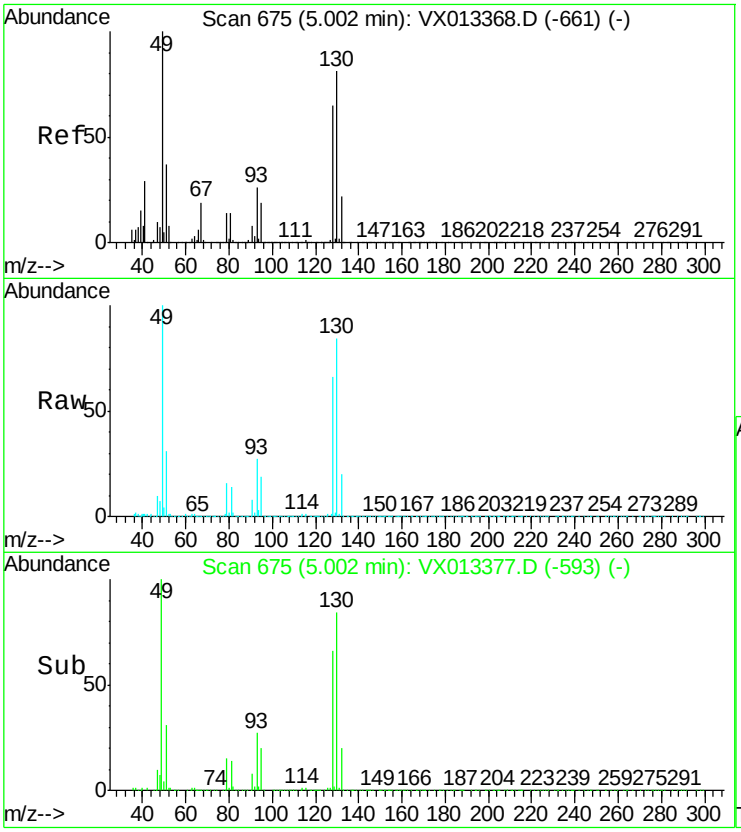
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111219\
Data File : VX013377.D
Acq On : 12 Nov 2019 11:36
Operator : JC/SP
Sample : K5765-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Quant Time: Nov 12 12:30:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration



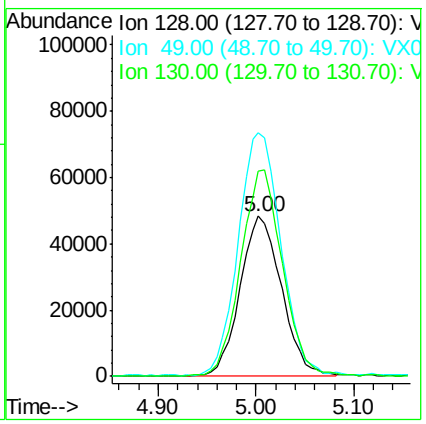


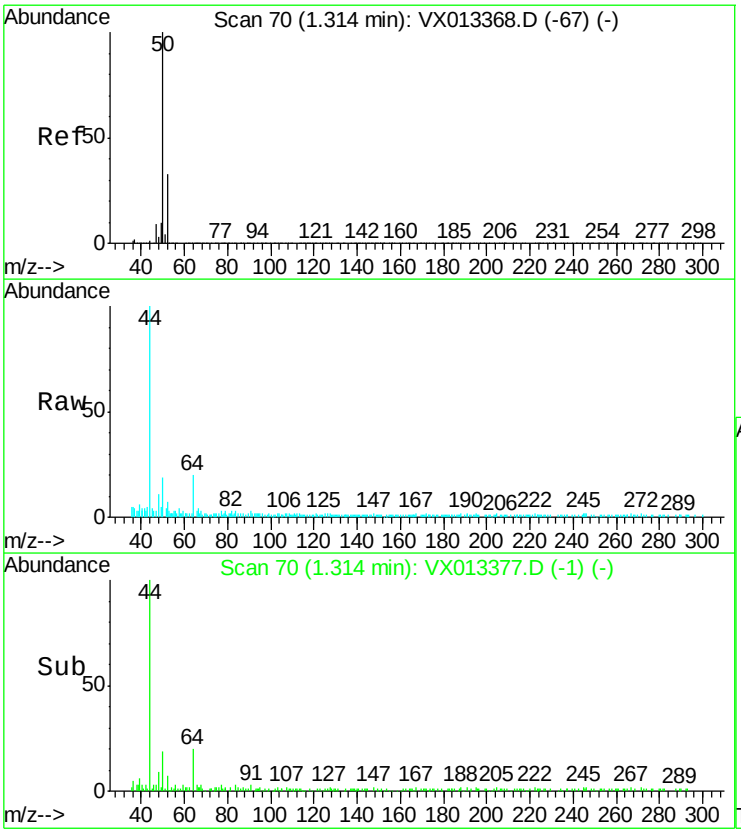
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion:128 Resp: 142019

Ion	Ratio	Lower	Upper
128	100		
49	155.6	0.0	388.3
130	129.6	0.0	318.5

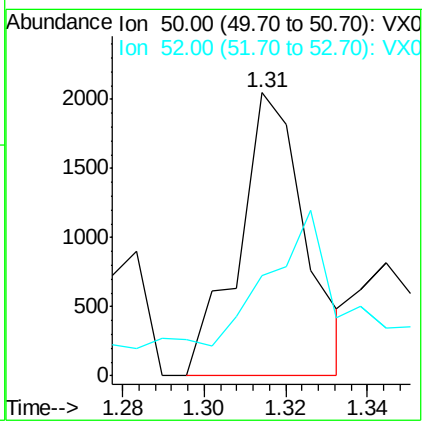


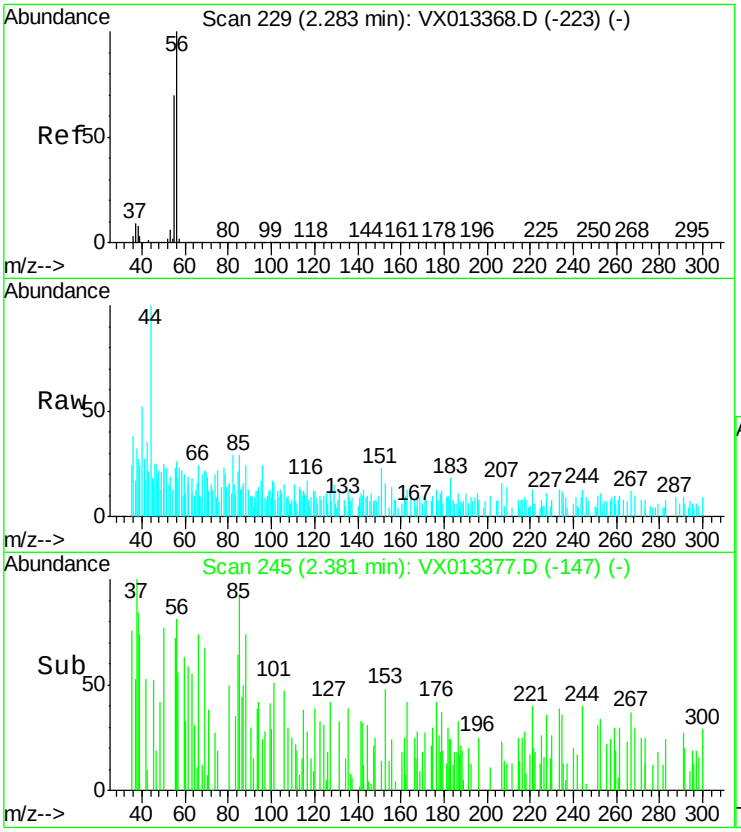


#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 50 Resp: 2331

Ion	Ratio	Lower	Upper
50	100		
52	38.1	26.6	40.0



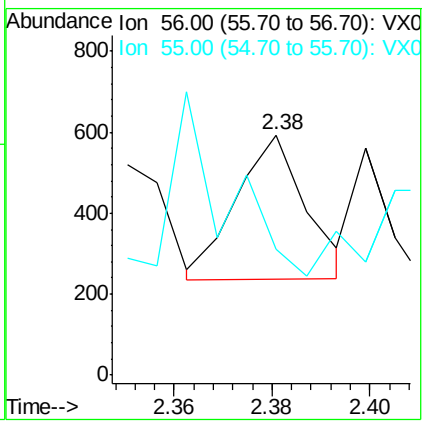


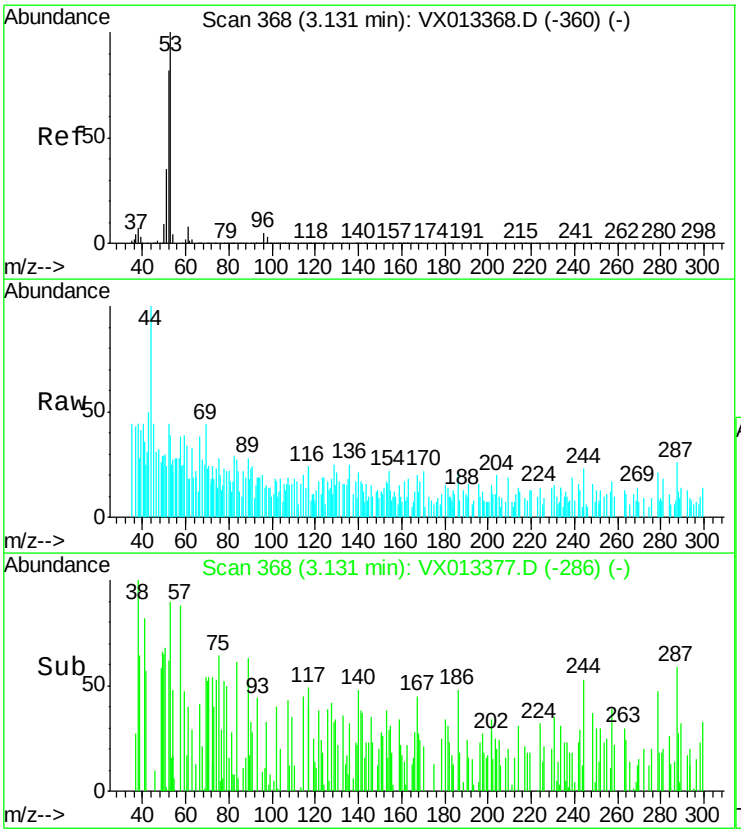
#13
Acrolein
Concen: 0.214 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.10 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion: 56 Resp: 349

Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.8	83.8

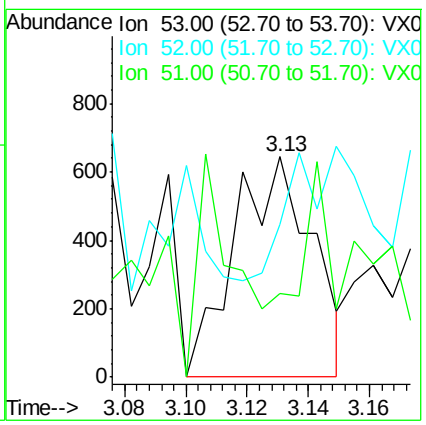


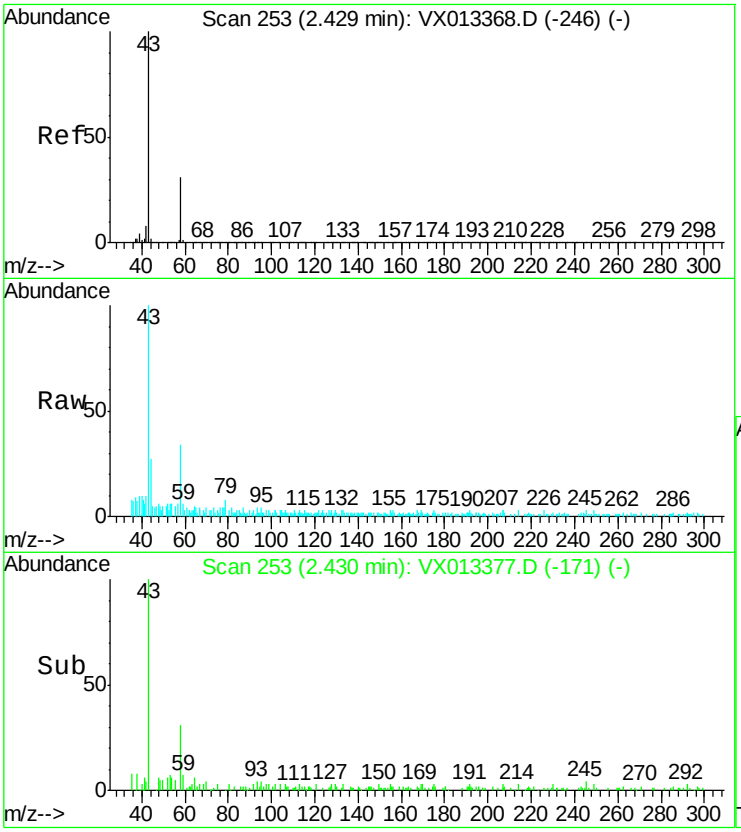


#14
Acrylonitrile
Concen: 0.202 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 53 Resp: 1143

Ion	Ratio	Lower	Upper
53	100		
52	24.6	41.0	123.0#
51	0.0	17.3	51.9#



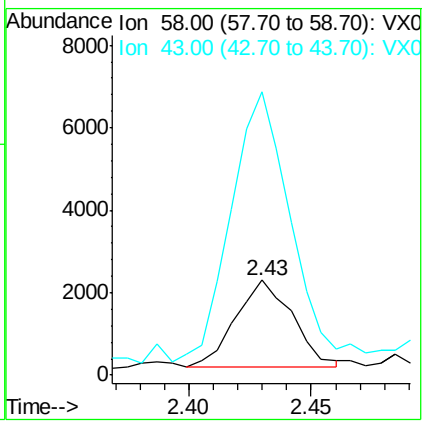


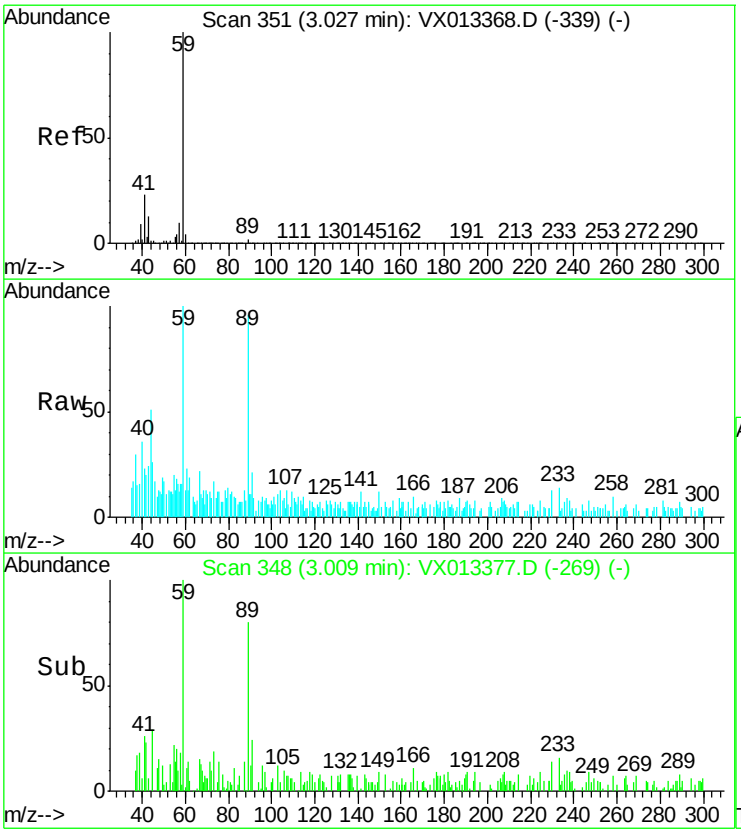
#15
Acetone
Concen: 1.995 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion: 58 Resp: 3415

Ion	Ratio	Lower	Upper
58	100		
43	325.0	261.4	392.2

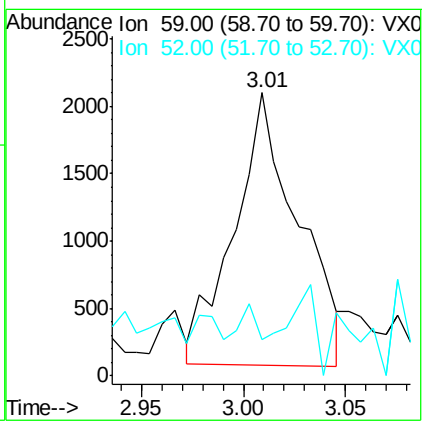


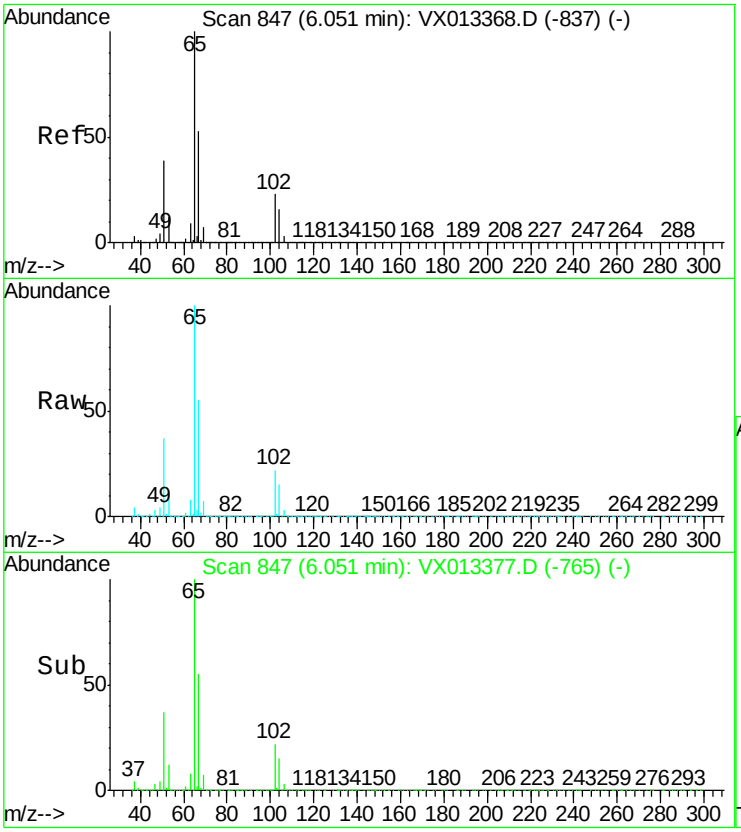


#23
tert-Butyl Alcohol
Concen: 1.626 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 59 Resp: 4422

Ion	Ratio	Lower	Upper
59	100		
52	2.7	0.1	0.1#



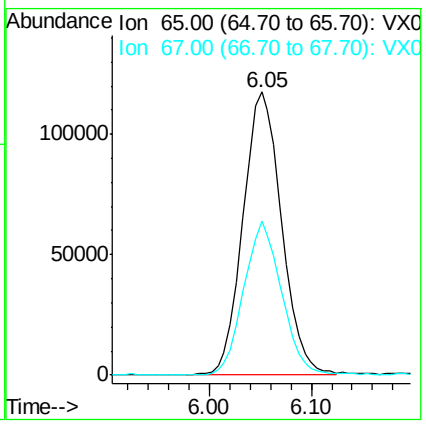


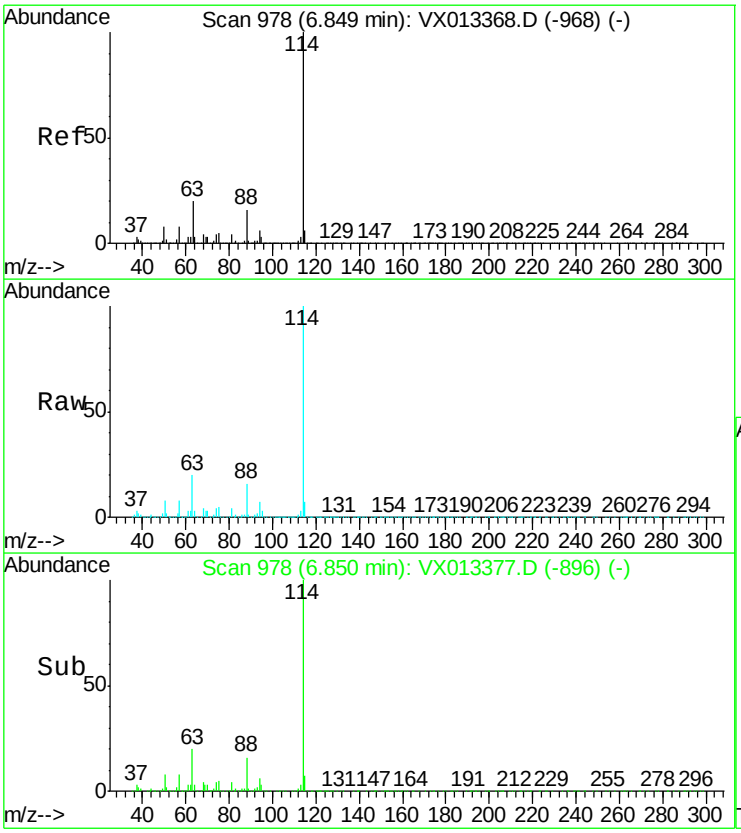
#27
1,2-Dichloroethane-d4
Concen: 29.291 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion: 65 Resp: 307173

Ion	Ratio	Lower	Upper
65	100		
67	53.2	41.0	61.6

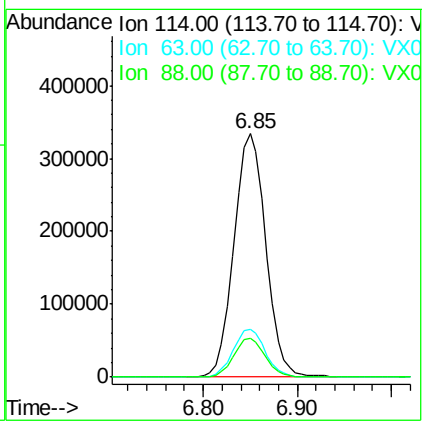


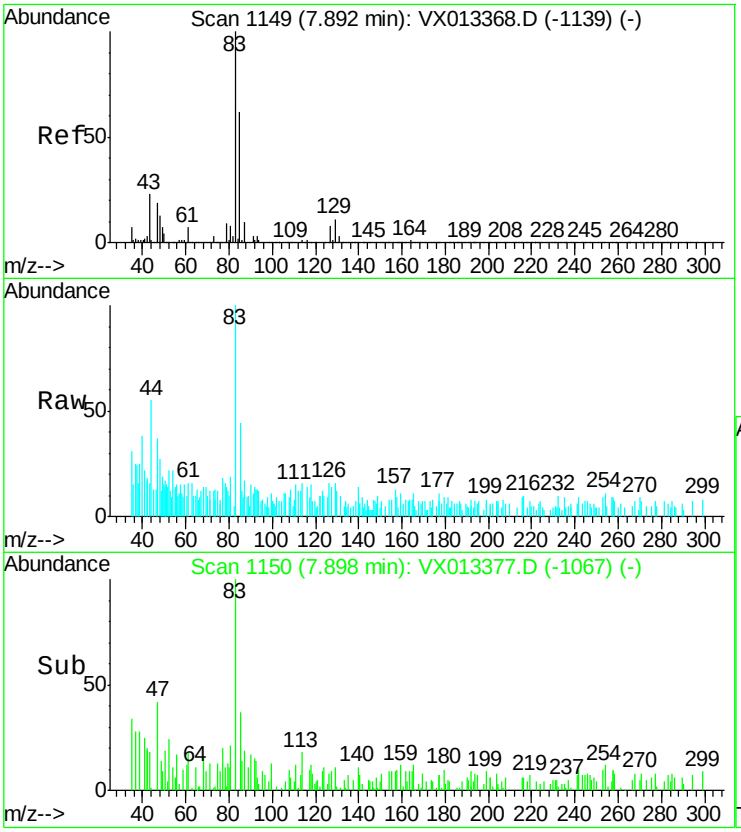


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion:114 Resp: 786856

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.8	12.3	18.5



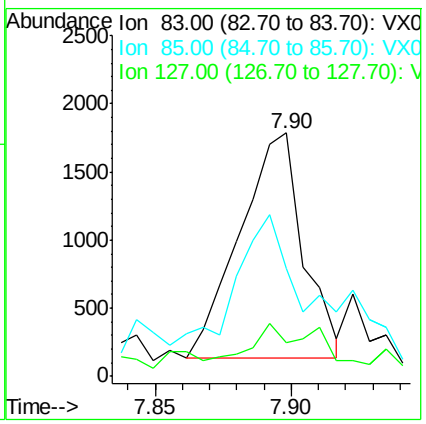


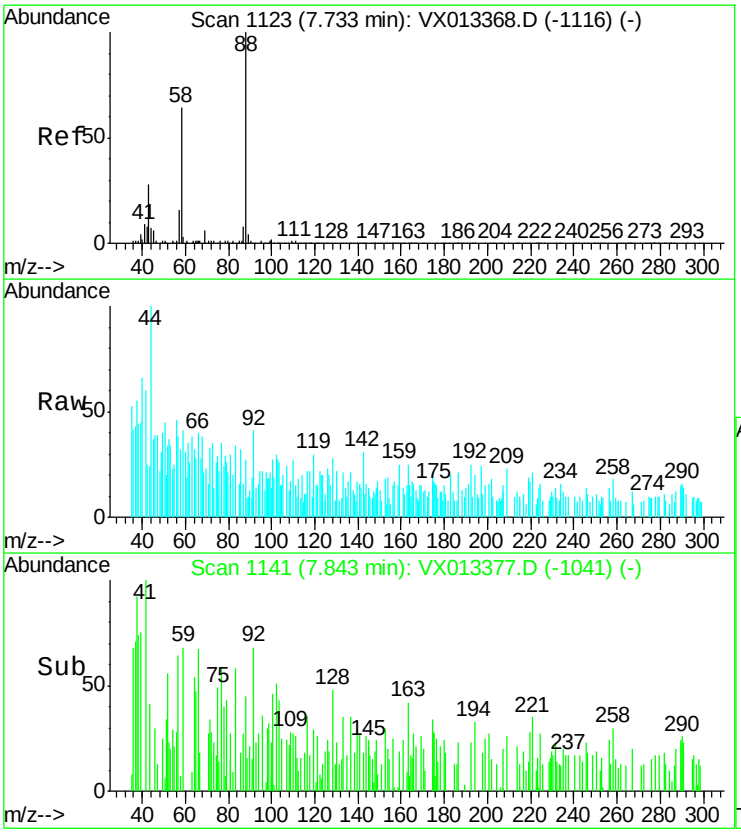
#41
Bromodichloromethane
Concen: 0.218 ug/l
RT: 7.90 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion: 83 Resp: 2671

Ion	Ratio	Lower	Upper
83	100		
85	28.9	49.3	73.9#
127	4.0	6.6	10.0#

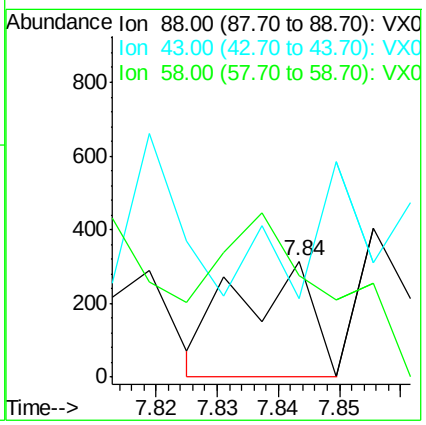


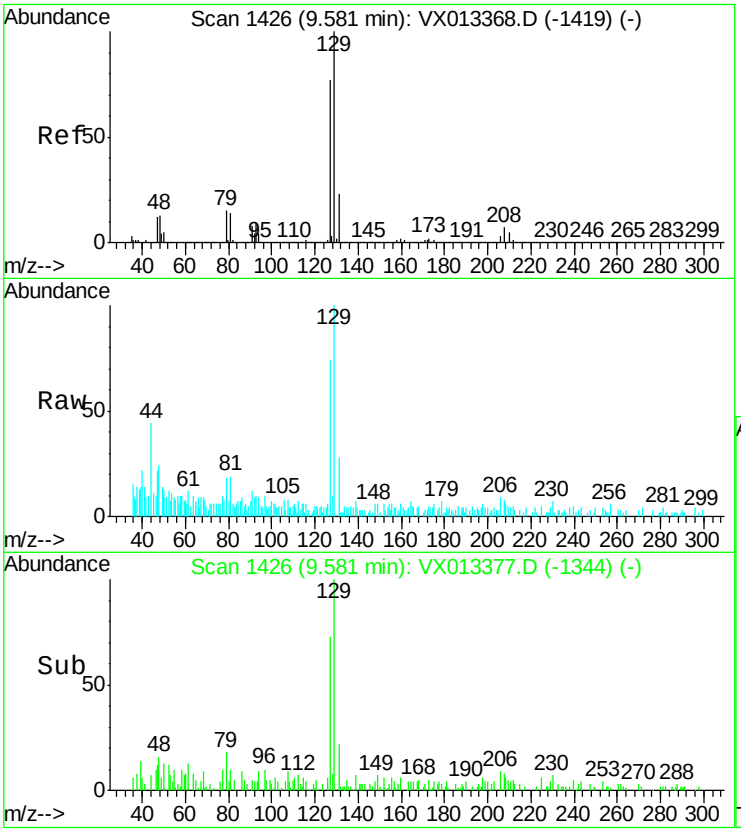


#45
1,4-Dioxane
Concen: 1.052 ug/l
RT: 7.84 min Scan# 1141
Delta R.T. 0.11 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 88 Resp: 270

Ion	Ratio	Lower	Upper
88	100		
43	26.7	26.1	39.1
58	66.7	55.8	83.8



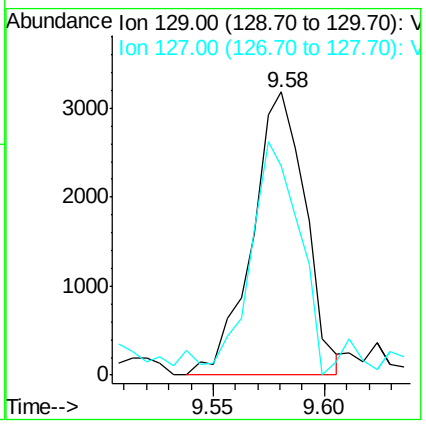


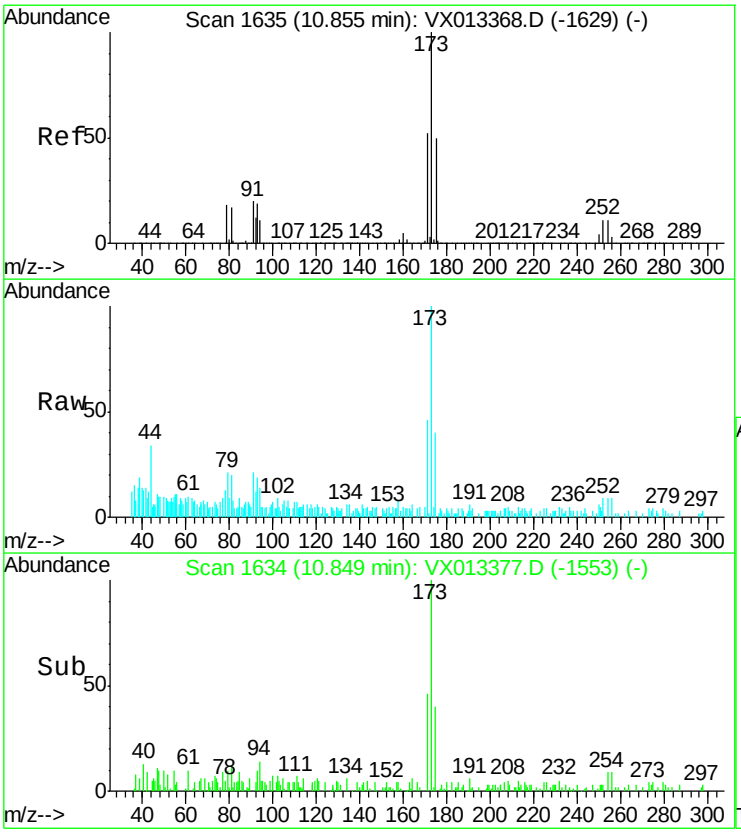
#53
Dibromochloromethane
Concen: 0.537 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion:129 Resp: 5279

Ion	Ratio	Lower	Upper
129	100		
127	75.1	39.6	119.0

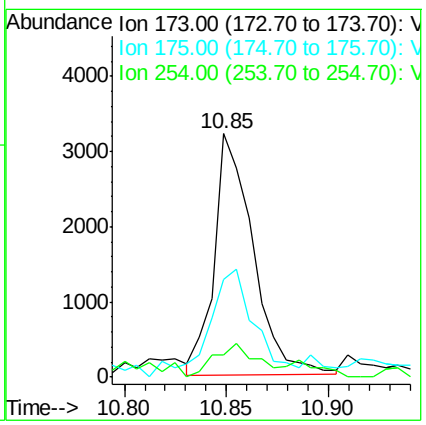


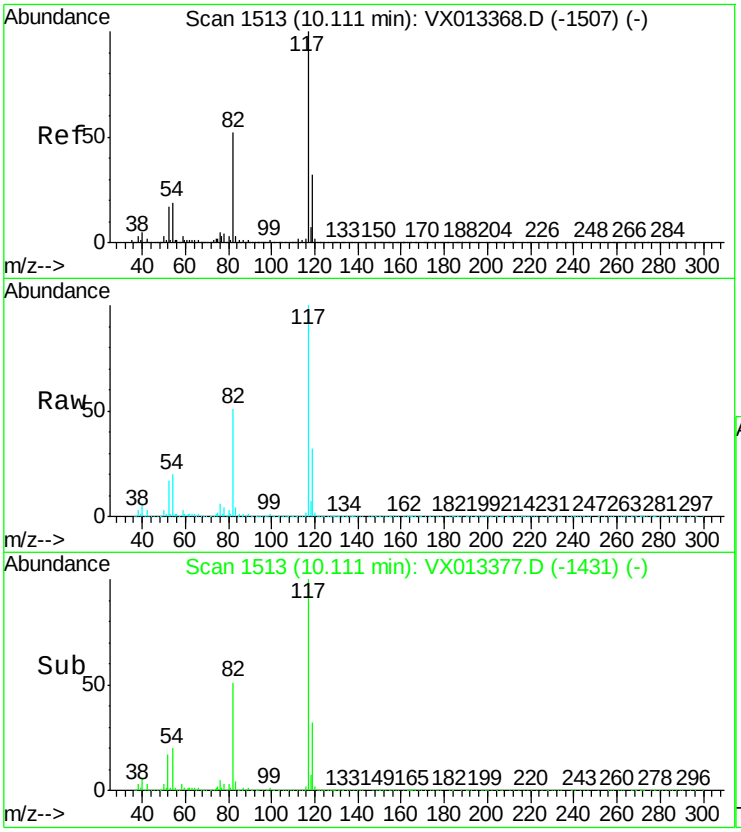


#56
Bromoform
Concen: 0.543 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion:173 Resp: 4255

Ion	Ratio	Lower	Upper
173	100		
175	40.2	39.4	59.0
254	15.0	8.6	12.8#



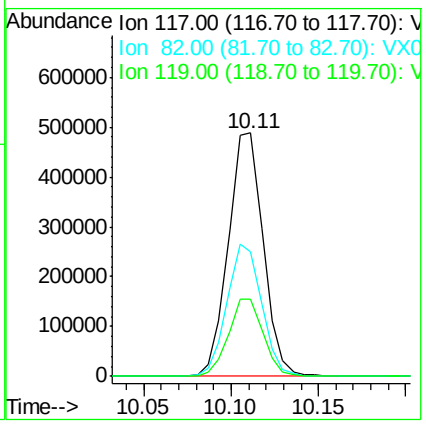


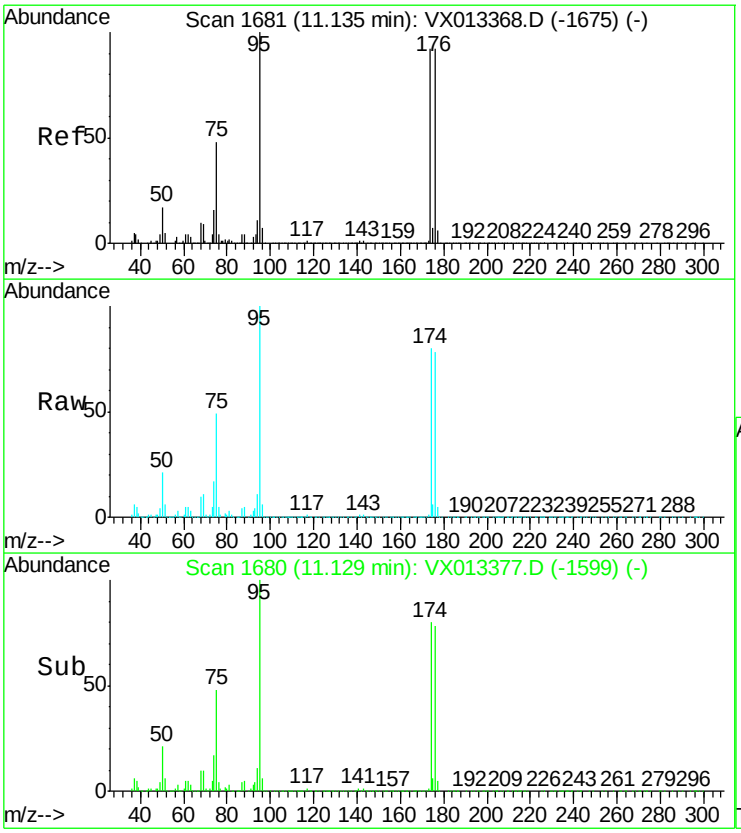
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion:117 Resp: 679501

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	31.6	25.5	38.3

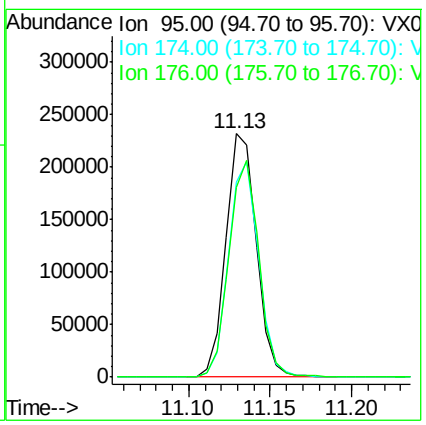


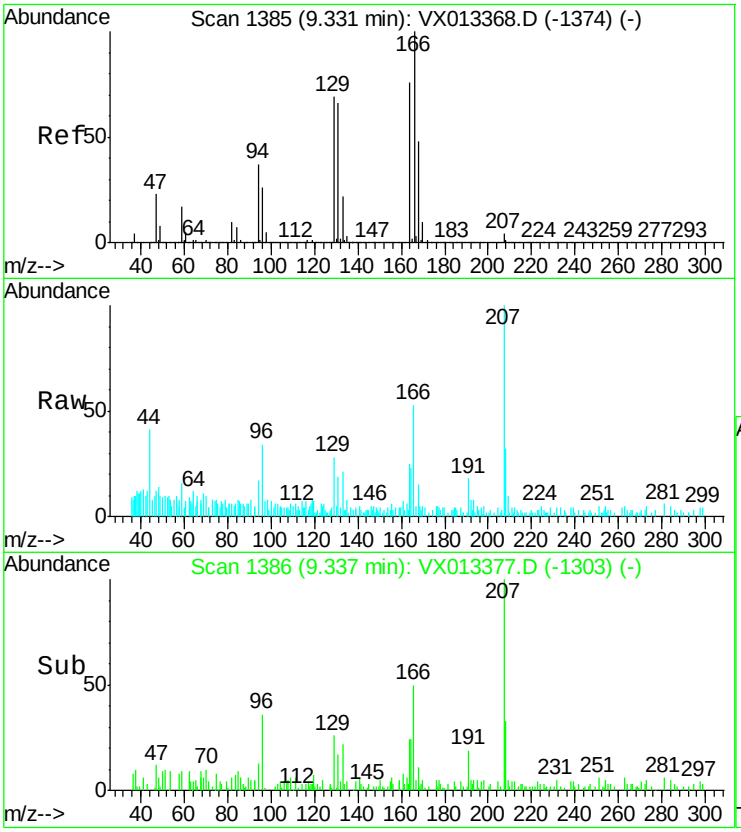


#60
4-Bromofluorobenzene
Concen: 27.501 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 95 Resp: 300350

Ion	Ratio	Lower	Upper
95	100		
174	88.2	70.2	105.2
176	87.6	68.3	102.5



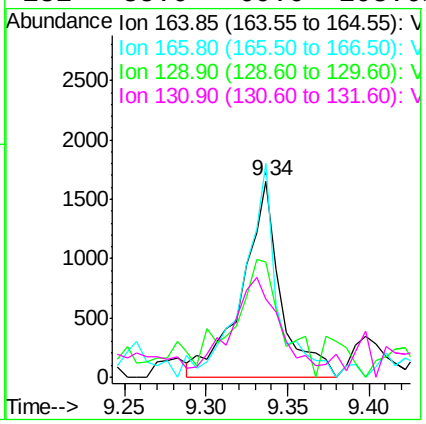


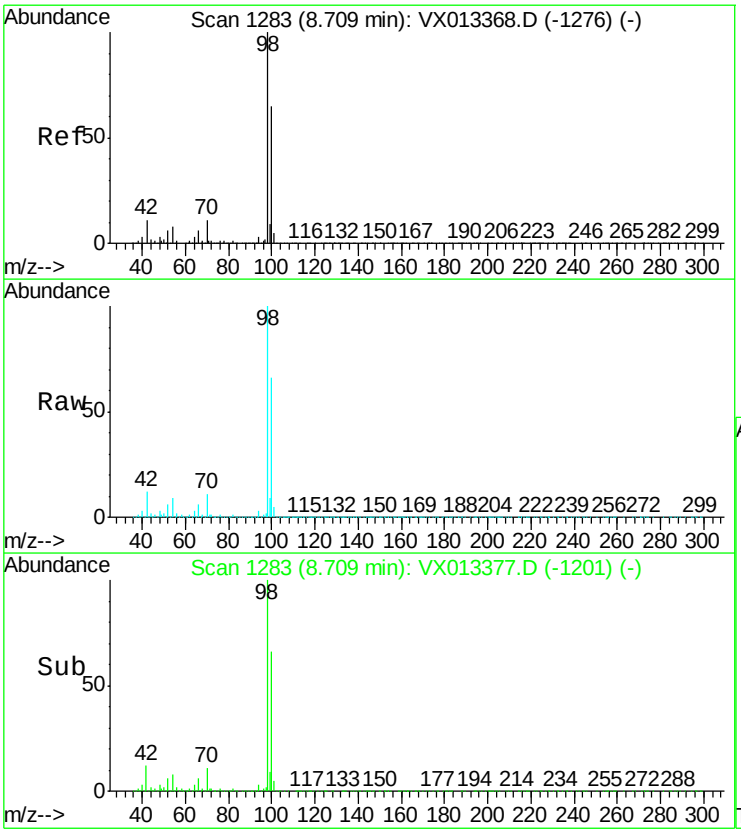
#61
Tetrachloroethene
Concen: 0.323 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
TT-011-IDWGW-20191107

Tgt Ion:164 Resp: 2709

Ion	Ratio	Lower	Upper
164	100		
166	108.8	104.9	157.3
129	45.4	72.3	108.5#
131	35.0	69.0	103.6#





#63
Toluene-d8
Concen: 30.460 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013377.D
Acq: 12 Nov 2019 11:36

Tgt Ion: 98 Resp: 935927

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7