Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
Data File : VX013247.D
Acq On : 28 Oct 2019 14:52
Operator : JC/SP
Sample : K5580-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-008-IDWGW-20191025

Quant Time: Oct 29 15:15:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	22389	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	123073	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	105243	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	53854	30.56	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.87%			
60) 4-Bromofluorobenzene	11.14	95	50972	27.81	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.70%			
63) Toluene-d8	8.71	98	144966	30.97	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.23%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	313	0.400	ug/l #	52
10) 1,1-Dichloroethene	2.37	96	817	0.595	ug/l #	47
12) Methyl Acetate	2.59	43	4822	2.719	ug/l #	51
15) Acetone	2.44	58	443	1.813	ug/l #	55
21) 1,1-Dichloroethane	3.69	63	5477	2.135	ug/l	95
22) cis-1,2-Dichloroethene	4.58	96	718	0.432	ug/l #	71
23) tert-Butyl Alcohol	3.04	59	312	0.798	ug/l #	100
37) Trichloroethene	7.21	130	3517	2.304	ug/l	98
51) Ethyl methacrylate	8.72	69	503	0.225	ug/l #	61
56) Bromoform	11.14	173	384	0.352	ug/l #	1
58) 4-Methyl-2-Pentanone	8.71	43	741	0.418	ug/l #	1
61) Tetrachloroethene	9.33	164	311	0.223	ug/l #	84
77) t-1,4-Dichloro-2-butene	11.14	75	26546	39.463	ug/l #	9

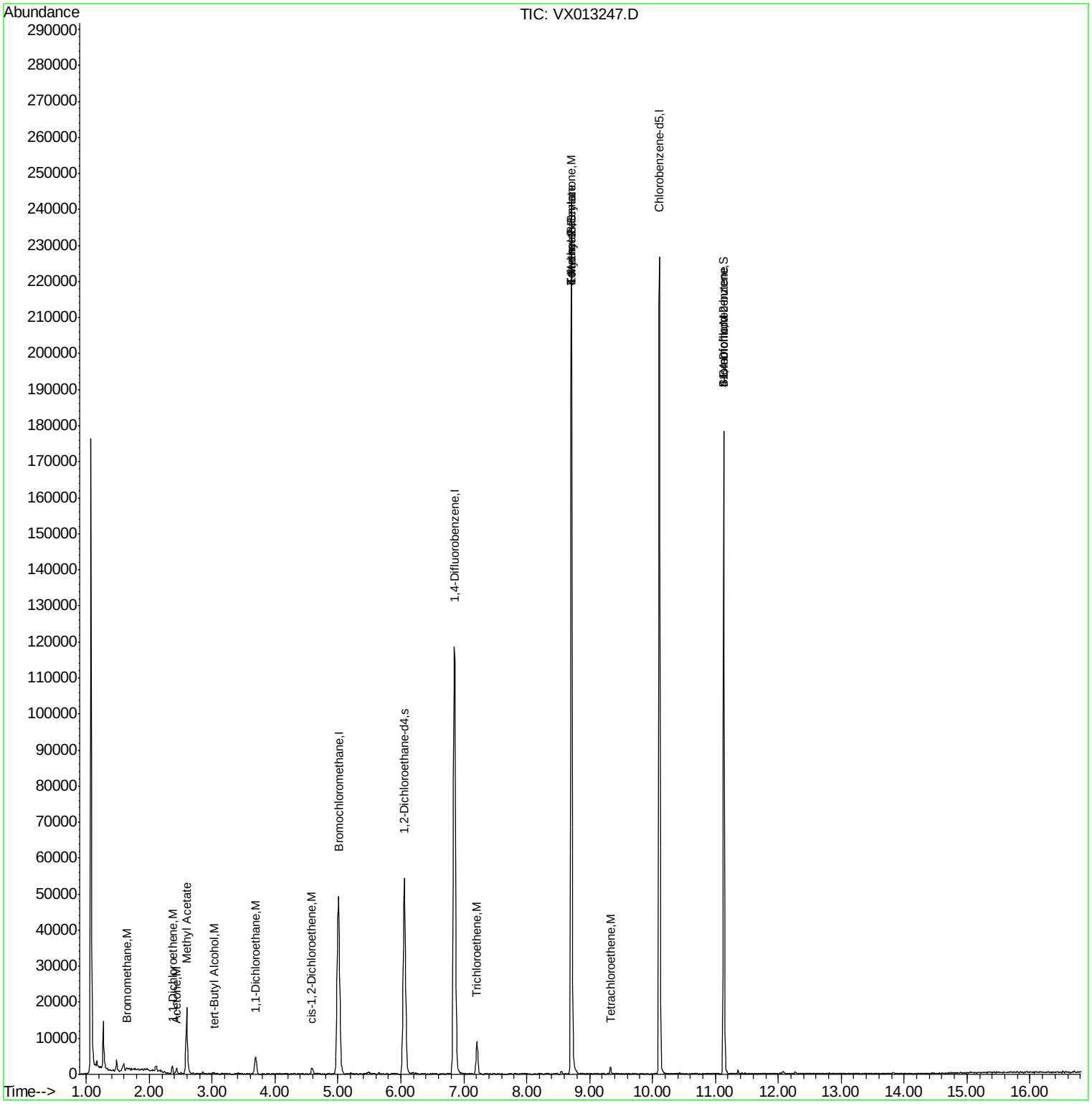
(#) = qualifier out of range (m) = manual integration (+) = signals summed

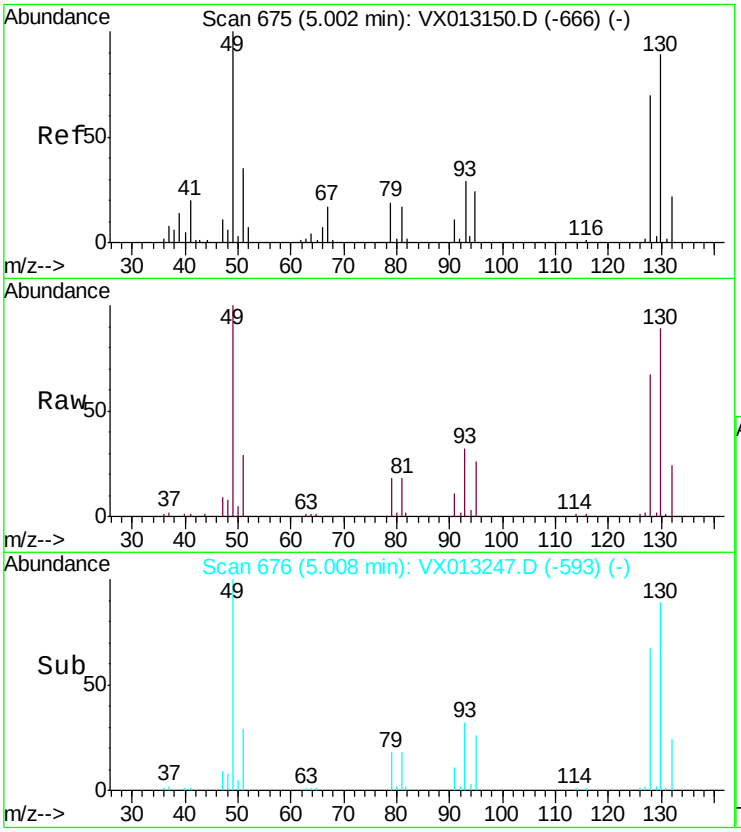
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
Data File : VX013247.D
Acq On : 28 Oct 2019 14:52
Operator : JC/SP
Sample : K5580-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Quant Time: Oct 29 15:15:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration



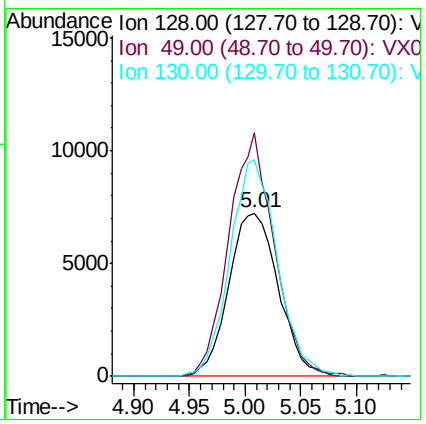


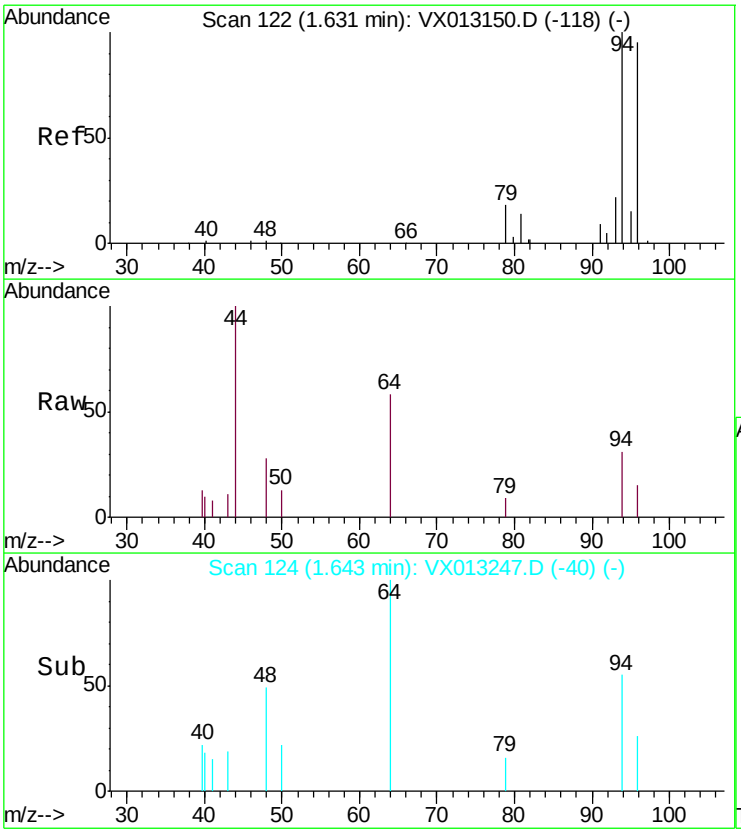
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion:128 Resp: 22389

Ion	Ratio	Lower	Upper
128	100		
49	135.9	0.0	367.3
130	127.0	0.0	325.0

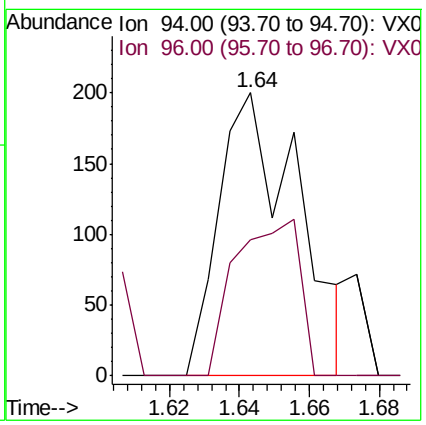


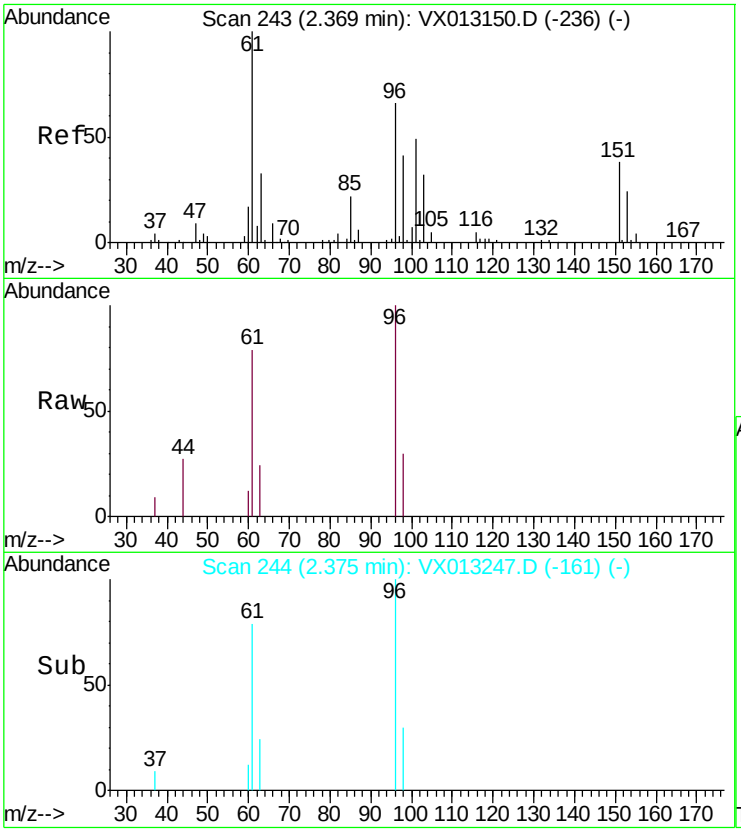


#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 94 Resp: 313

Ion	Ratio	Lower	Upper
94	100		
96	48.0	75.9	113.9#



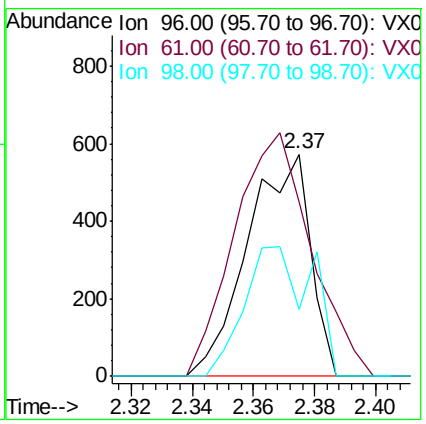


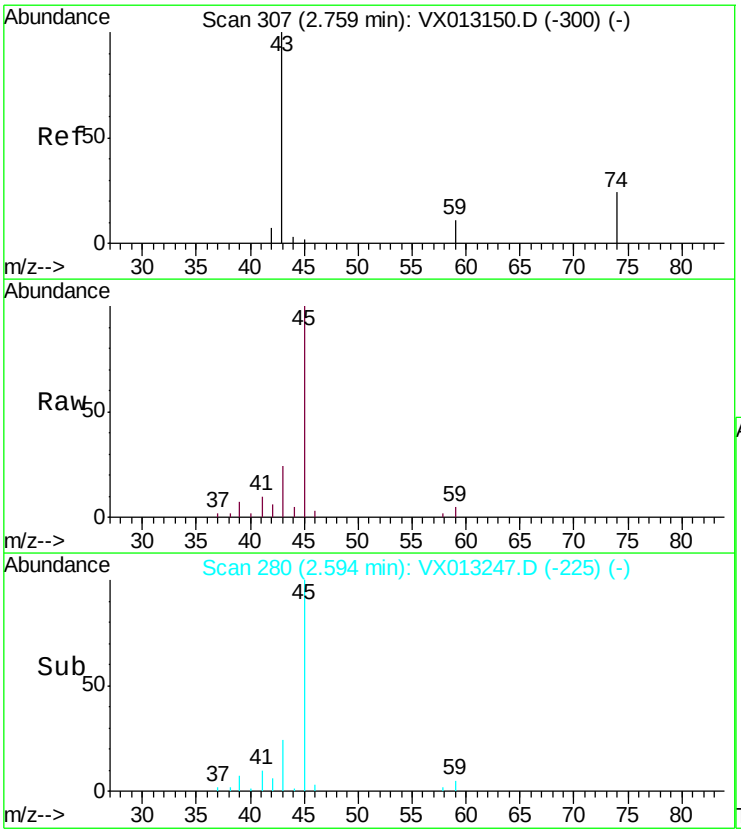
#10
1,1-Dichloroethene
Concen: 0.595 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion: 96 Resp: 817

Ion	Ratio	Lower	Upper
96	100		
61	78.5	121.3	181.9#
98	30.0	49.5	74.3#

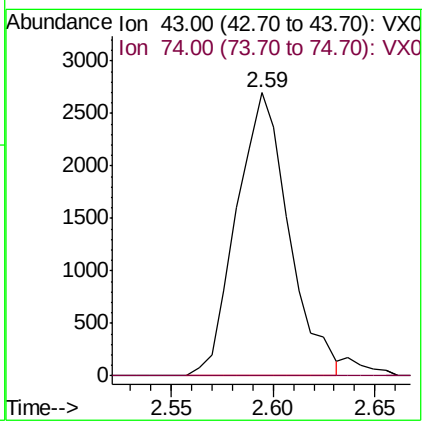


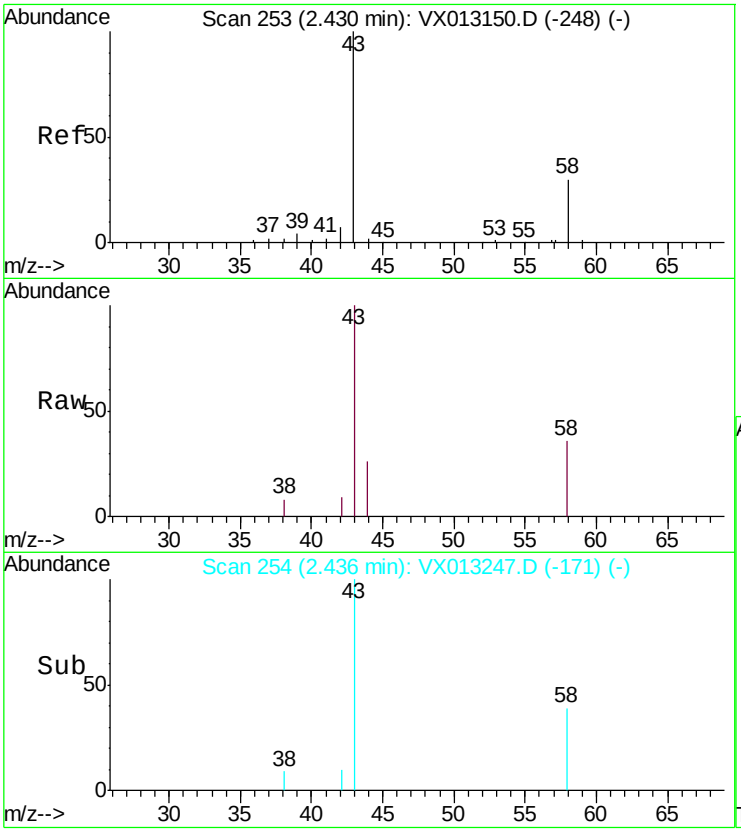


#12
Methyl Acetate
Concen: 2.719 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 43 Resp: 4822

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.7	29.5#



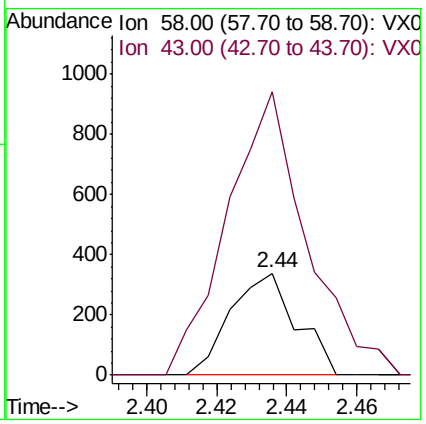


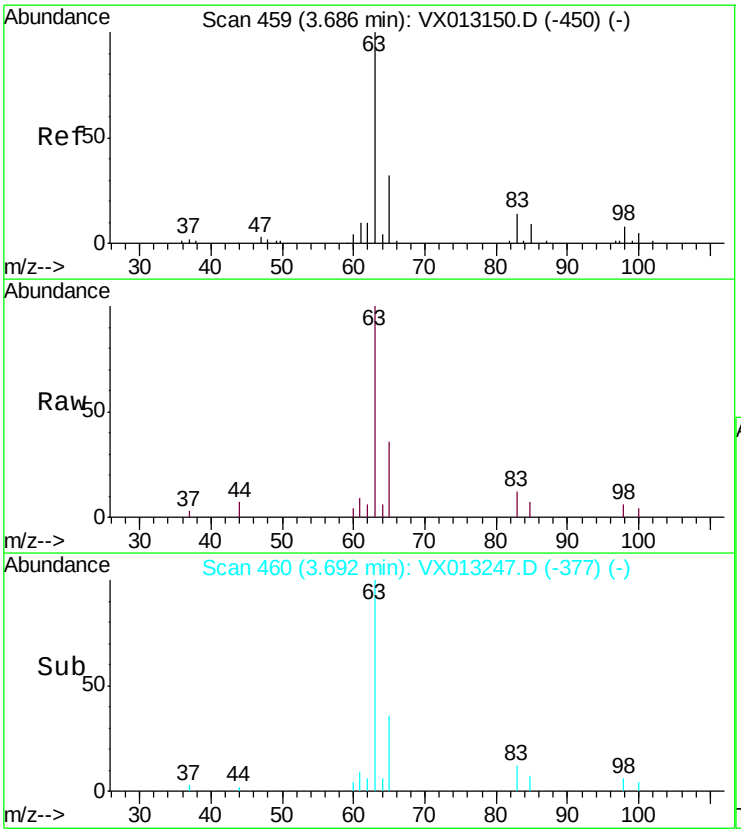
#15
Acetone
Concen: 1.813 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument : MSVOA_X
ClientSampleId : TT-008-IDWGW-20191025

Tgt Ion: 58 Resp: 443

Ion	Ratio	Lower	Upper
58	100		
43	234.0	262.8	394.2#

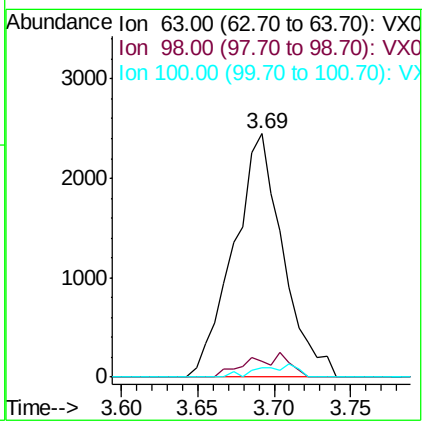


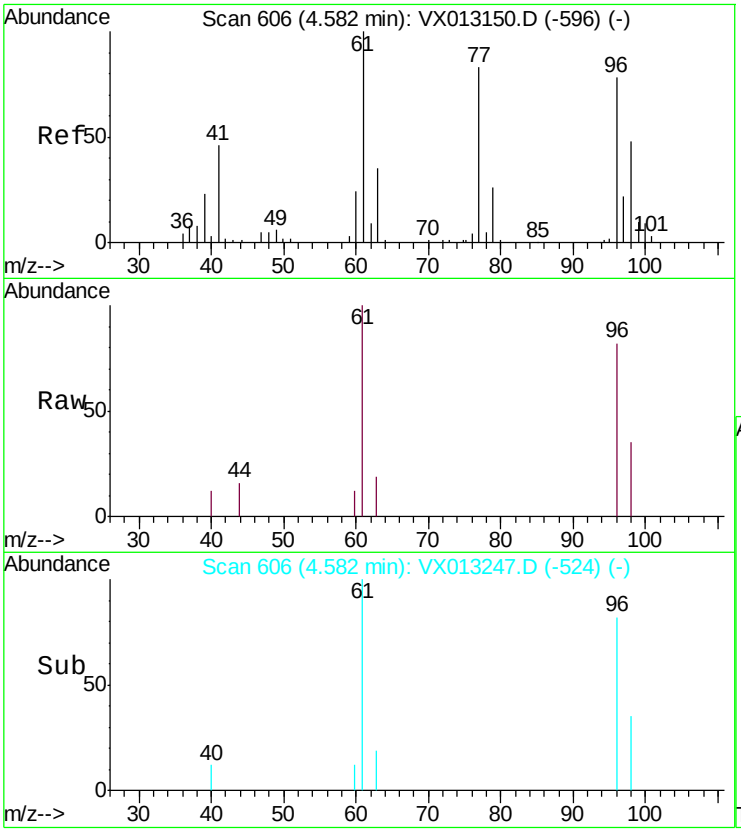


#21
1,1-Dichloroethane
Concen: 2.135 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 63 Resp: 5477

Ion	Ratio	Lower	Upper
63	100		
98	6.4	4.2	12.4
100	3.6	2.4	7.2



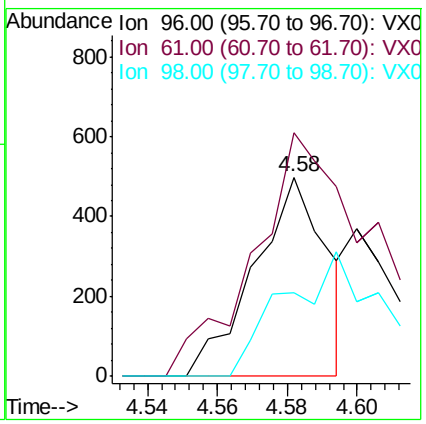


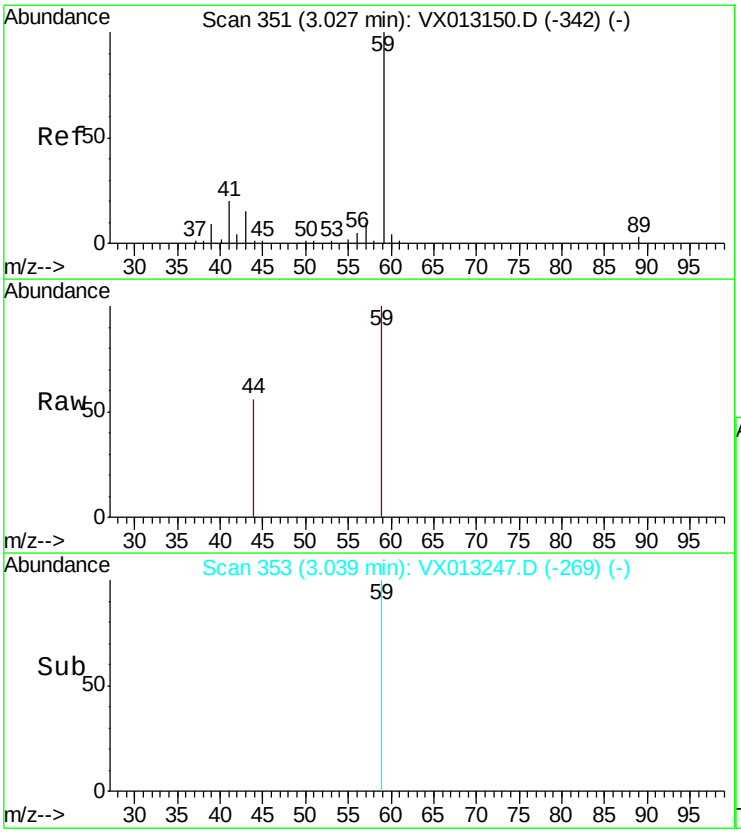
#22
cis-1,2-Dichloroethene
Concen: 0.432 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion: 96 Resp: 718

Ion	Ratio	Lower	Upper
96	100		
61	172.4	112.5	168.7#
98	35.1	51.2	76.8#

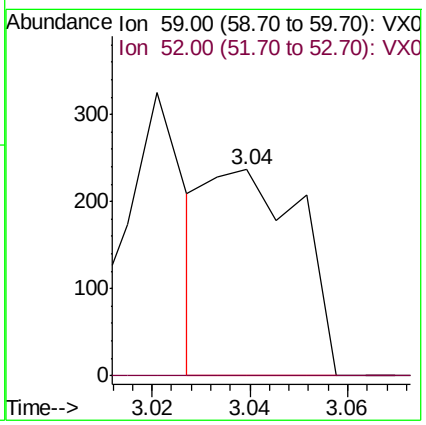


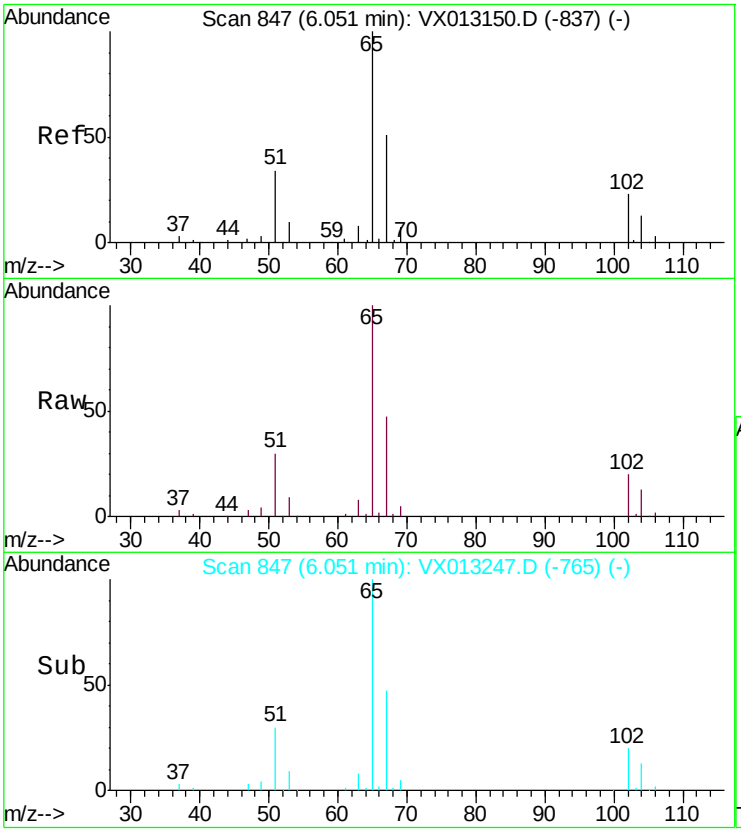


#23
tert-Butyl Alcohol
Concen: 0.798 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 59 Resp: 312

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



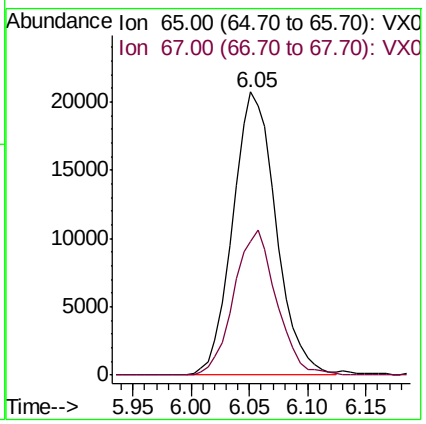


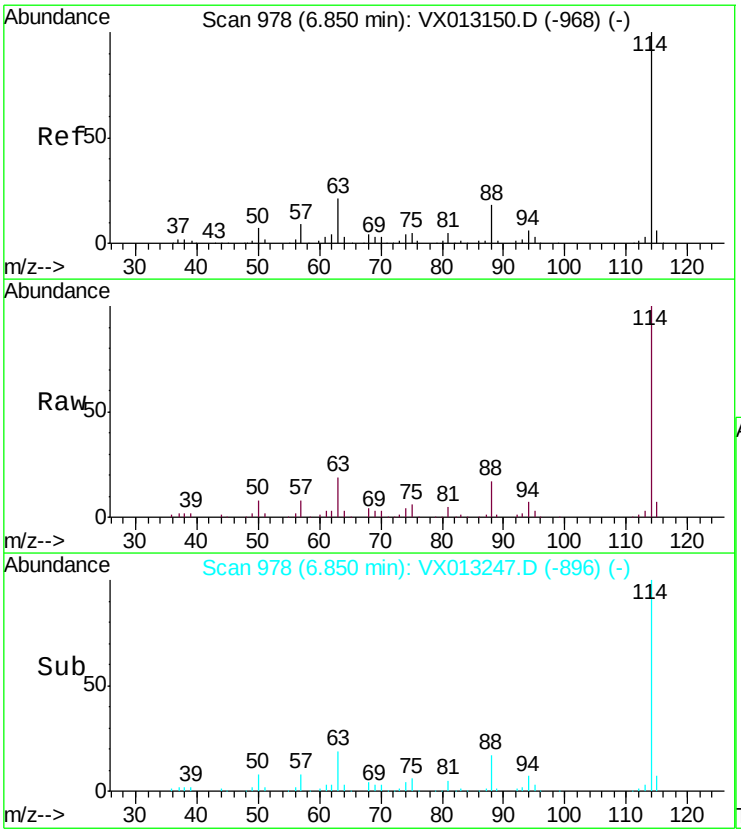
#27
1,2-Dichloroethane-d4
Concen: 30.556 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion: 65 Resp: 53854

Ion	Ratio	Lower	Upper
65	100		
67	50.2	42.2	63.4

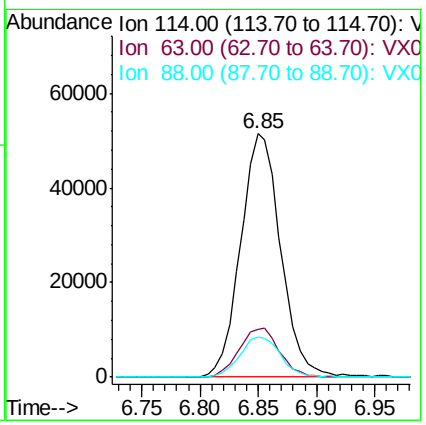


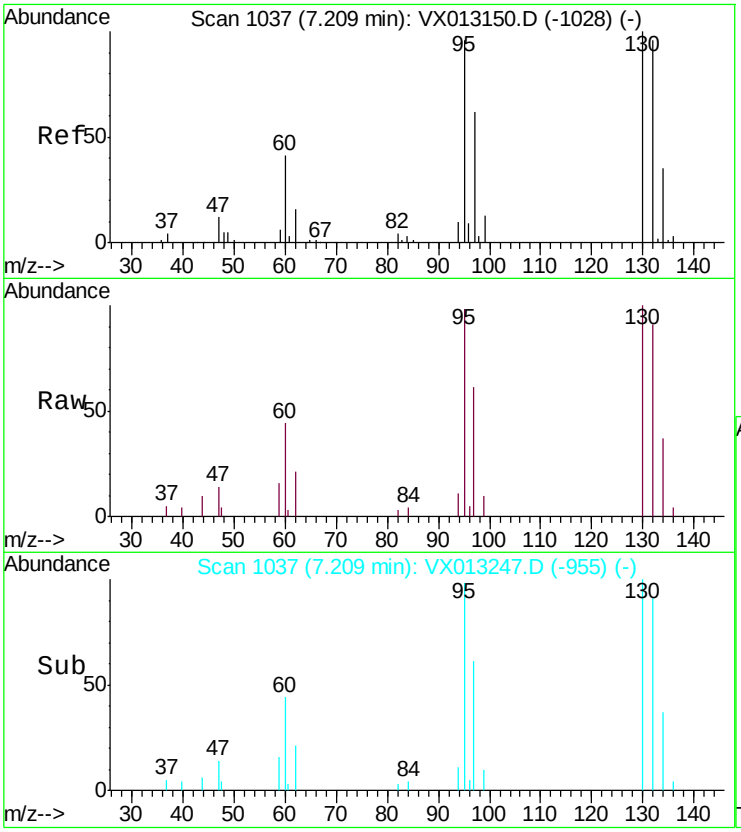


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion:114 Resp: 123073

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	16.9	13.7	20.5



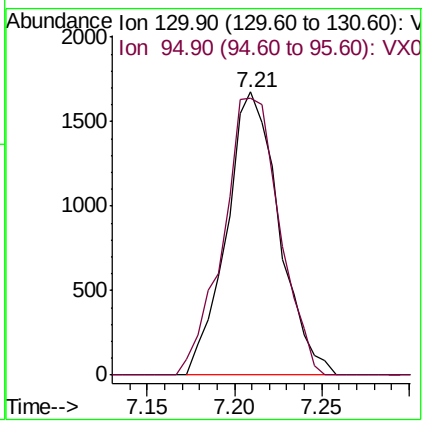


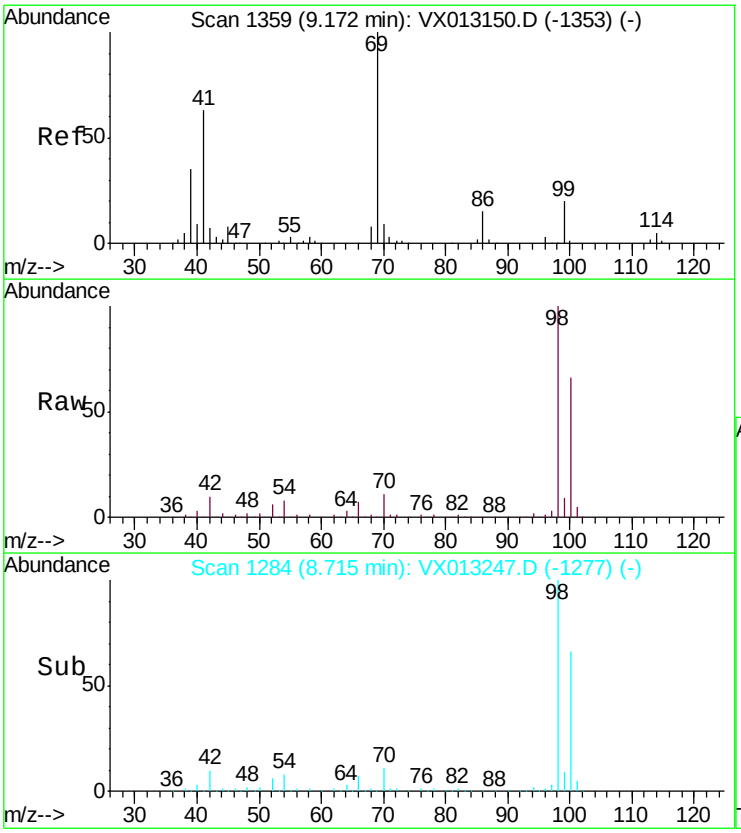
#37
Trichloroethene
Concen: 2.304 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion:130 Resp: 3517

Ion	Ratio	Lower	Upper
130	100		
95	98.0	77.0	115.6

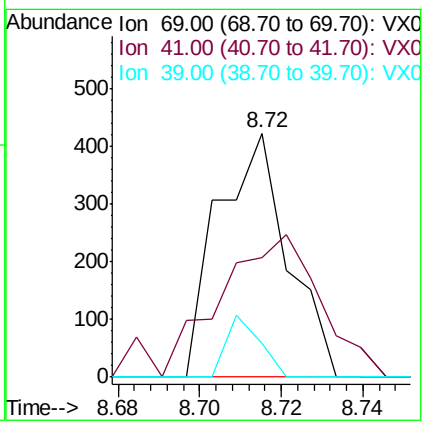


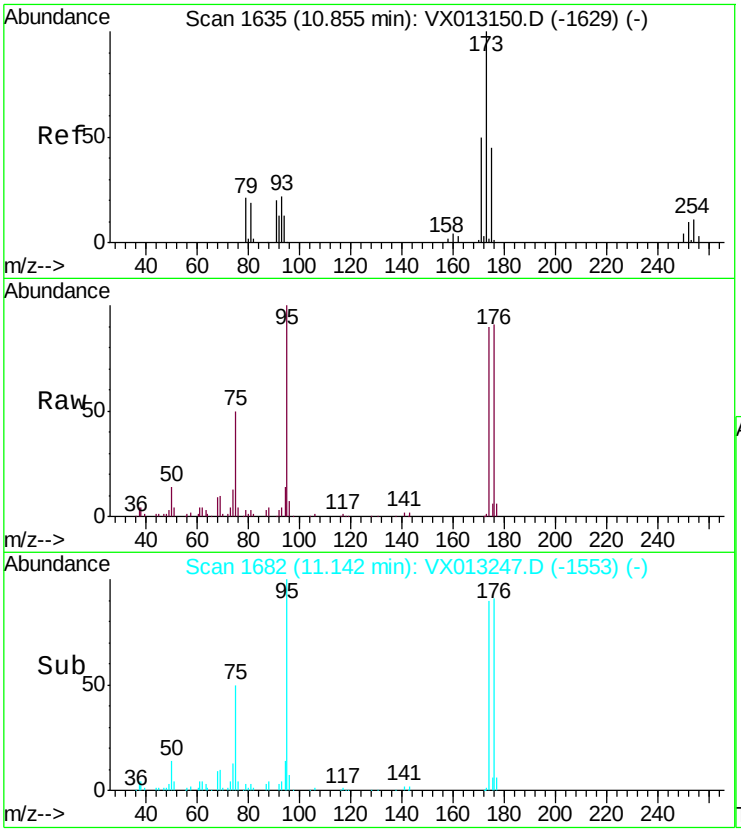


#51
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 8.72 min Scan# 1284
Delta R.T. -0.46 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 69 Resp: 503

Ion	Ratio	Lower	Upper
69	100		
41	32.2	31.6	95.0
39	13.7	17.7	53.1#



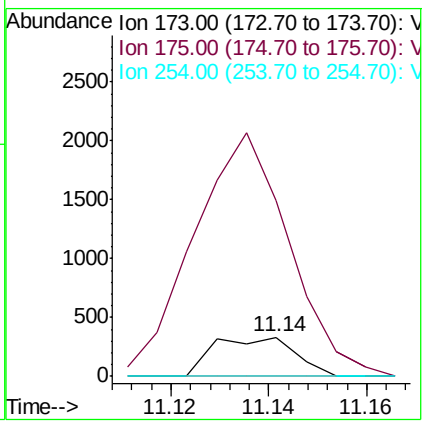


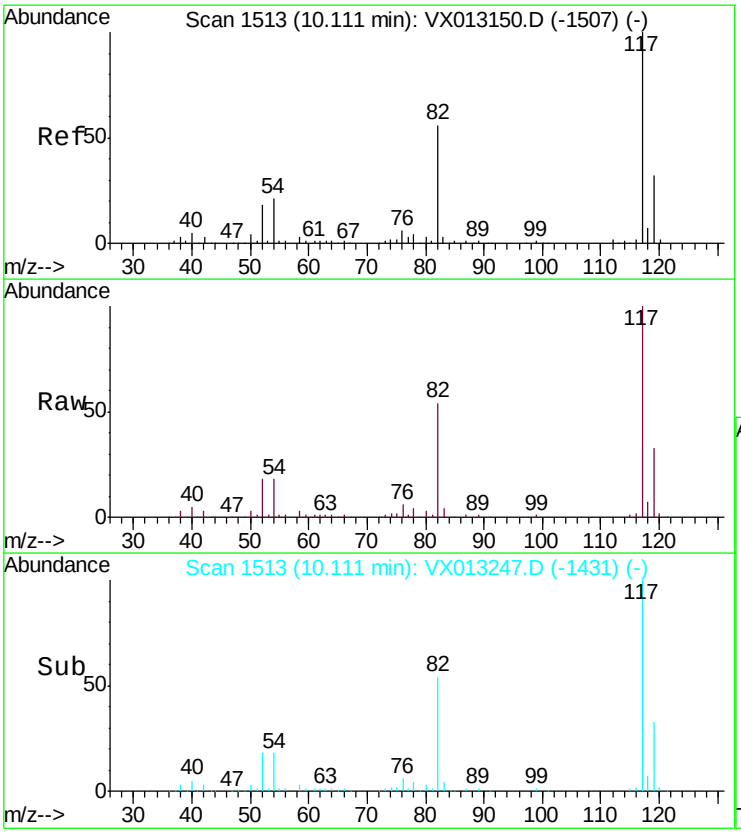
#56
Bromoform
Concen: 0.352 ug/l
RT: 11.14 min Scan# 1682
Delta R.T. 0.29 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion:173 Resp: 384

Ion	Ratio	Lower	Upper
173	100		
175	734.6	39.0	58.4#
254	0.0	8.1	12.1#

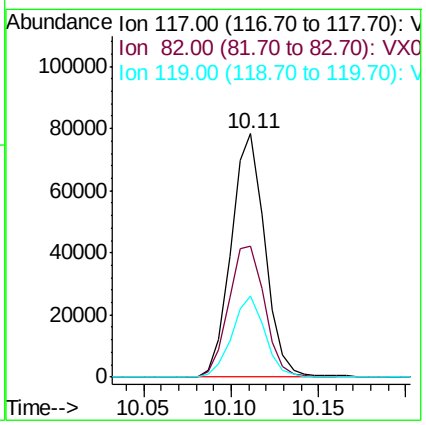


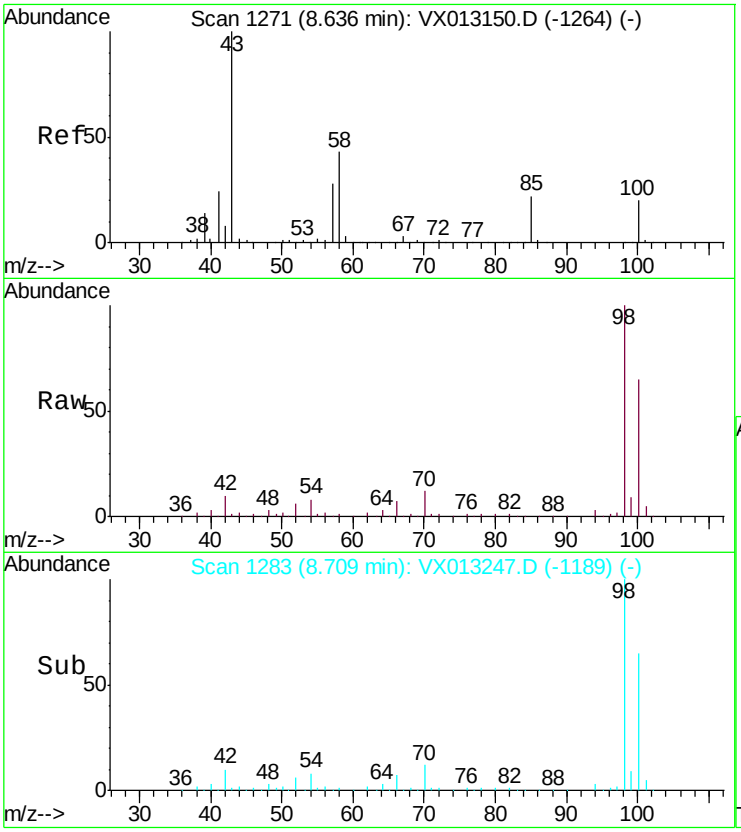


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion:117 Resp: 105243

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.0	69.0
119	32.5	25.4	38.0



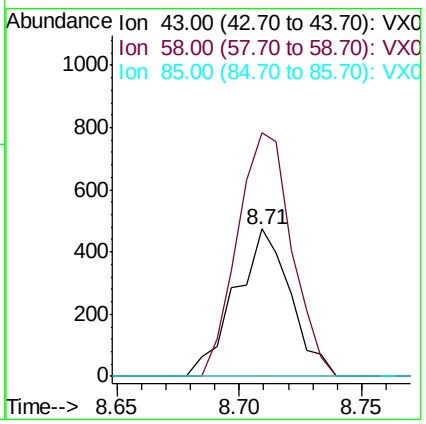


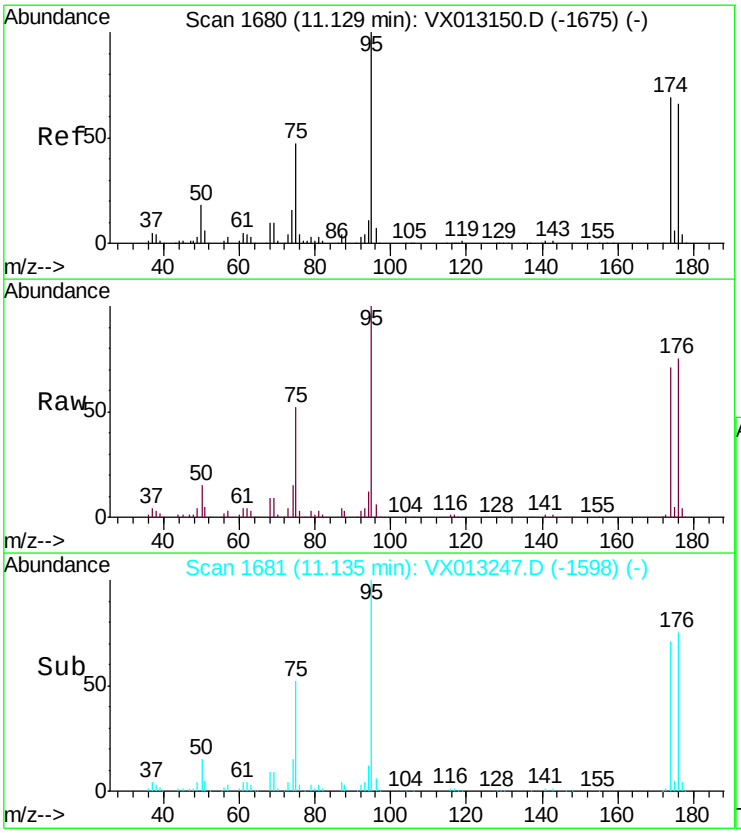
#58
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion: 43 Resp: 741

Ion	Ratio	Lower	Upper
43	100		
58	163.6	33.8	50.8#
85	0.0	16.8	25.2#

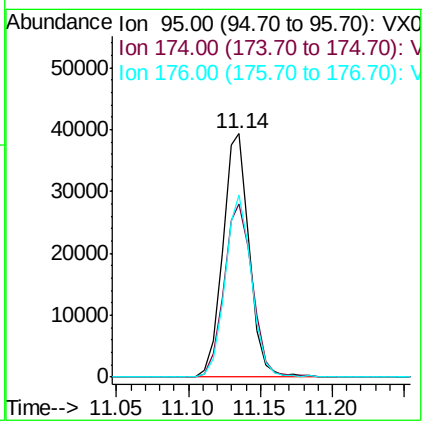


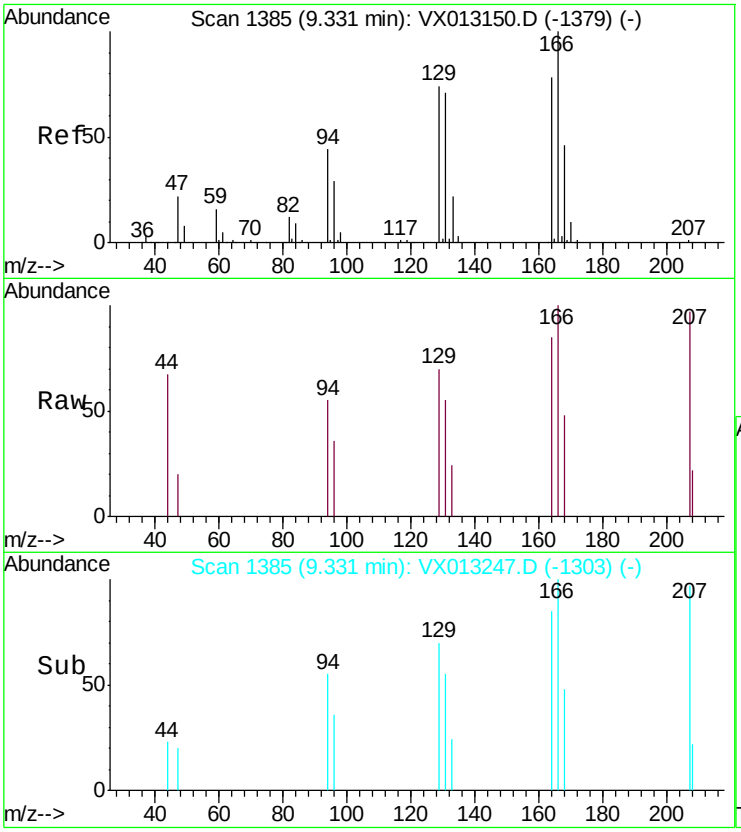


#60
4-Bromofluorobenzene
Concen: 27.814 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 95 Resp: 50972

Ion	Ratio	Lower	Upper
95	100		
174	75.9	60.0	90.0
176	74.8	58.5	87.7



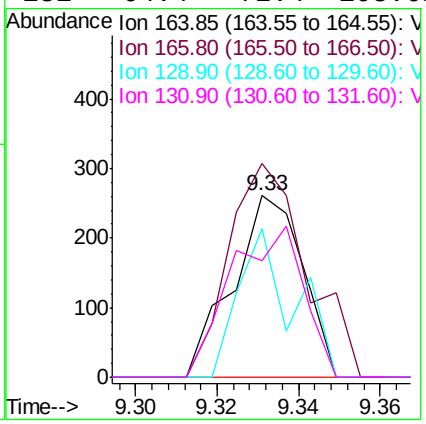


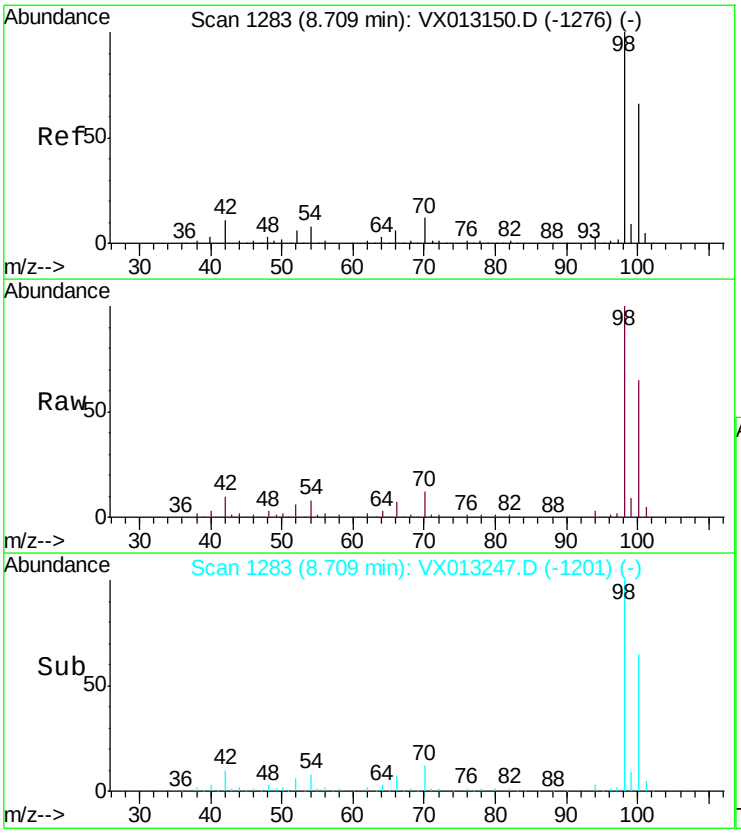
#61
Tetrachloroethene
Concen: 0.223 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion:164 Resp: 311

Ion	Ratio	Lower	Upper
164	100		
166	117.6	102.6	153.8
129	82.0	75.7	113.5
131	64.4	72.4	108.6#

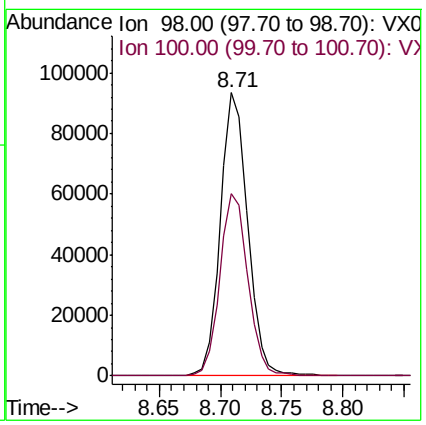


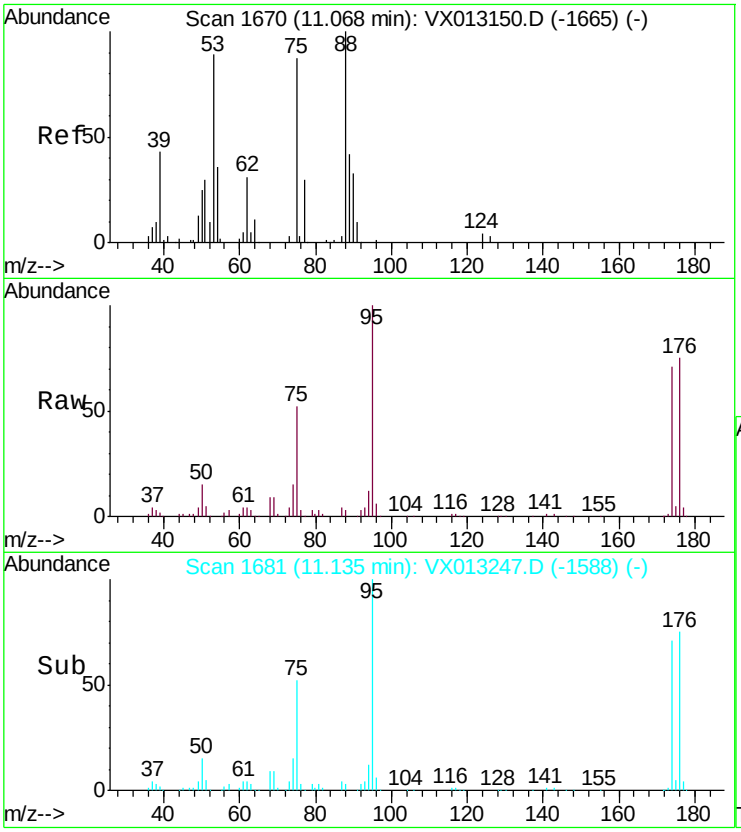


#63
Toluene-d8
Concen: 30.970 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Tgt Ion: 98 Resp: 144966

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#77
t-1,4-Dichloro-2-butene
Concen: 39.463 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013247.D
Acq: 28 Oct 2019 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT-008-IDWGW-20191025

Tgt Ion: 75 Resp: 26546

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.1	153.4#
89	0.0	24.1	72.4#