Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

Quantitation Report (Not Reviewed)

Data File : VV011701.D
Acq On : 21 Jun 2019 23:12
Operator : SY/MD
Sample : K3462-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN0

Quant Time: Jun 24 05:46:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	43459	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.58	69	32085	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.12	63	69235	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	3.96	46	164279	64.58	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.16%			
24) Chloroform-d	4.40	84	72808	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.08	65	59163	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
32) Benzene-d6	5.09	84	197054	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.12	67	62811	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.36	98	164808	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.66	79	18388	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.14	63	118937	61.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.00%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46565	5.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	57773	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1206	0.088	ug/L	90
6) Bromomethane	1.53	94	837	0.143	ug/L	74
8) Chloroethane	1.45	64	736	0.105	ug/L #	56
12) 1,1-Dichloroethene	2.13	96	1049	0.117	ug/L #	1
13) Acetone	2.21	43	4935	2.686	ug/L	92
15) Methyl Acetate	2.41	43	2612	0.571	ug/L #	62
22) cis-1,2-Dichloroethene	3.96	96	2522	0.217	ug/L #	78
25) Chloroform	4.42	83	28329	1.226	ug/L	94
34) Trichloroethene	5.96	95	131869	10.927	ug/L	99
35) Methylcyclohexane	6.12	83	15164	0.778	ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7676	0.664	ug/L #	87
48) 2-Hexanone	8.14	43	17093	3.354	ug/L #	77

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

Quantitation Report (Not Reviewed)

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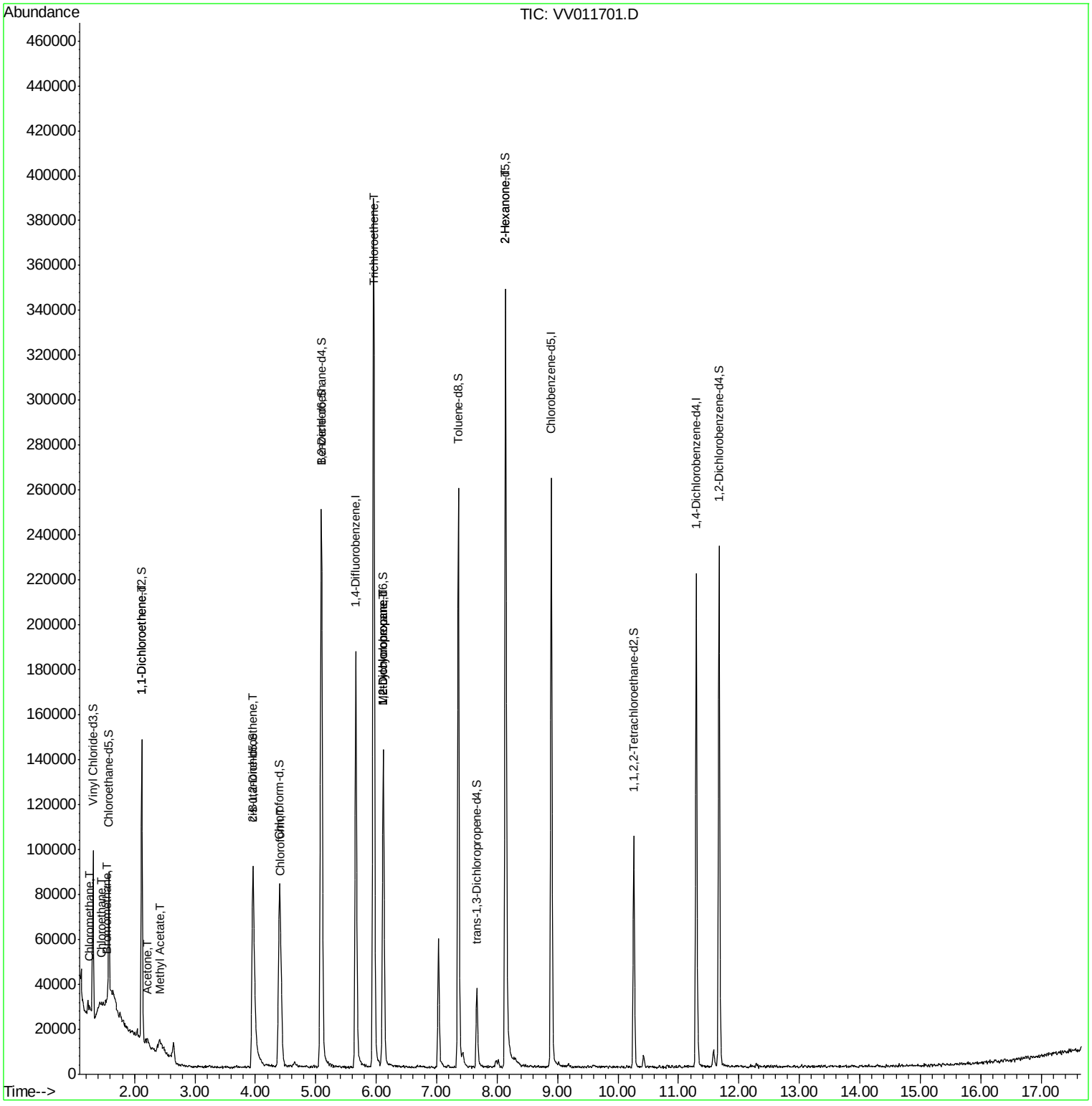
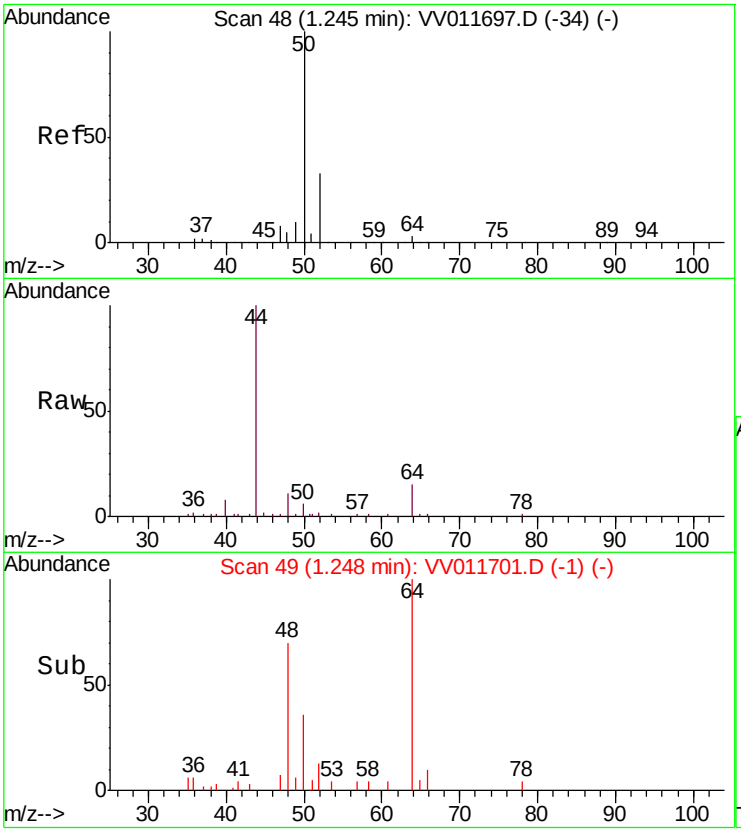
Instrument : MSVOA_V
ClientSampleId : BFCN0

Quant Time: Jun 24 05:46:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration



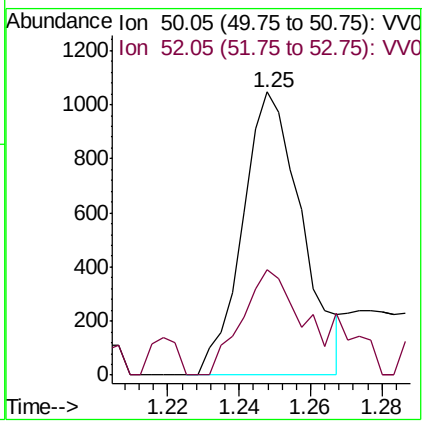


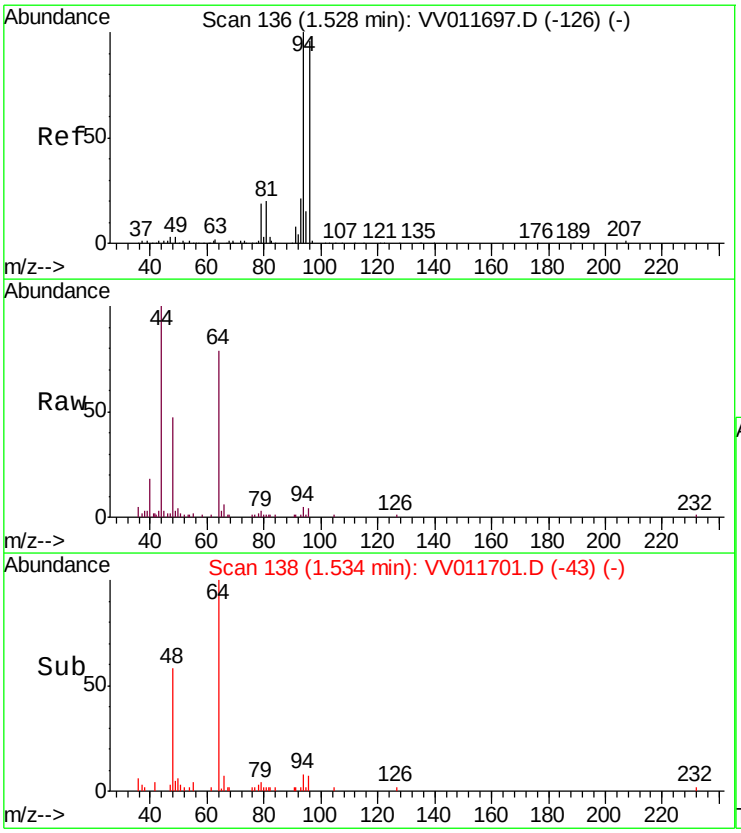
#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument :
MSVOA_V
ClientSampleId :
BFCN0

Tgt Ion: 50 Resp: 1206

Ion	Ratio	Lower	Upper
50	100		
52	37.2	22.0	40.8

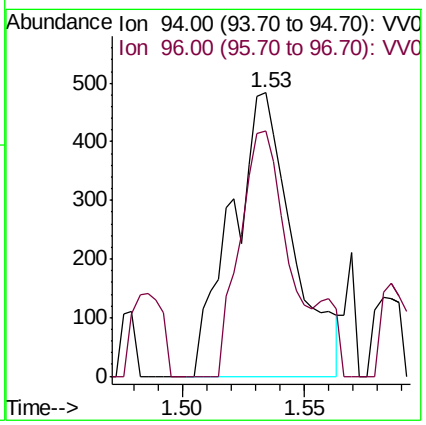


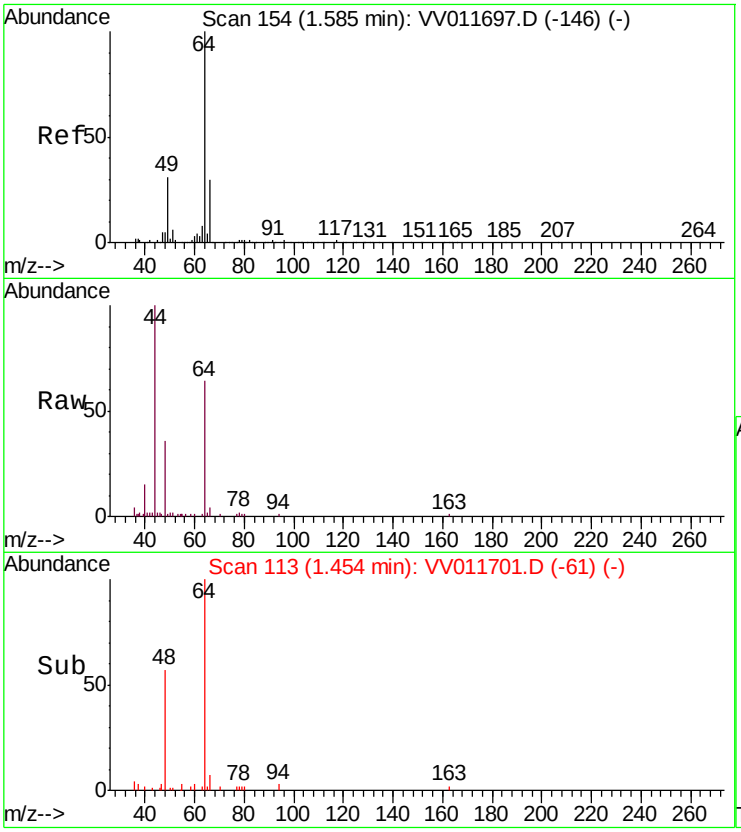


#6
Bromomethane
Concen: 0.143 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.01 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 94 Resp: 837

Ion	Ratio	Lower	Upper
94	100		
96	67.9	65.2	121.2



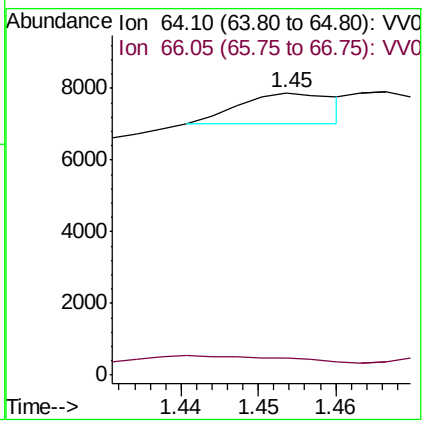


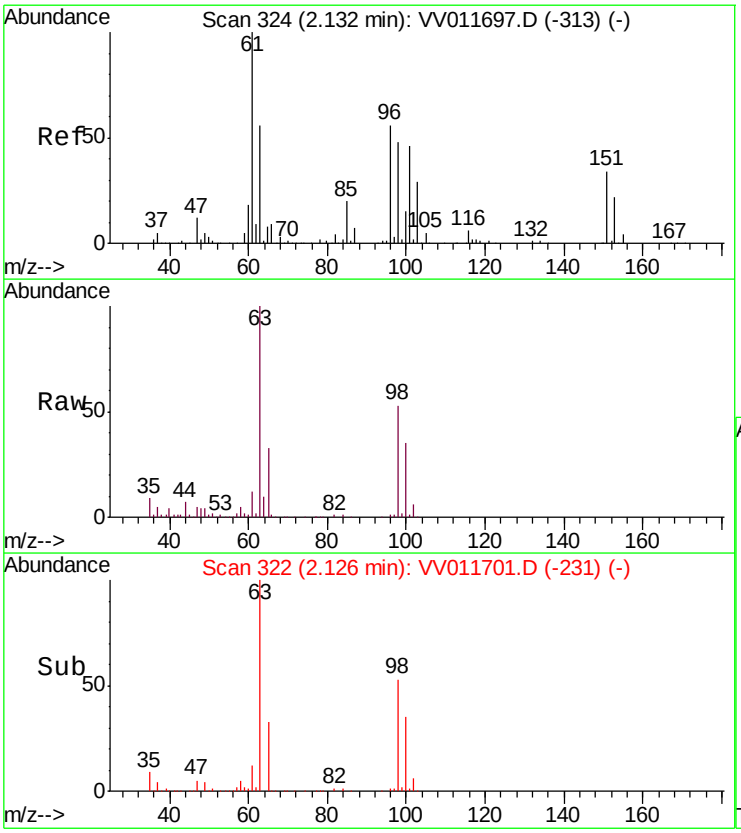
#8
Chloroethane
Concen: 0.105 ug/L
RT: 1.45 min Scan# 113
Delta R.T. -0.13 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument : MSVOA_V
ClientSampleId : BFCN0

Tgt Ion: 64 Resp: 736

Ion	Ratio	Lower	Upper
64	100		
66	6.1	20.6	38.4#

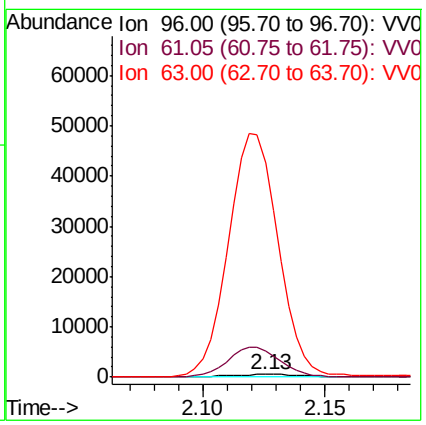


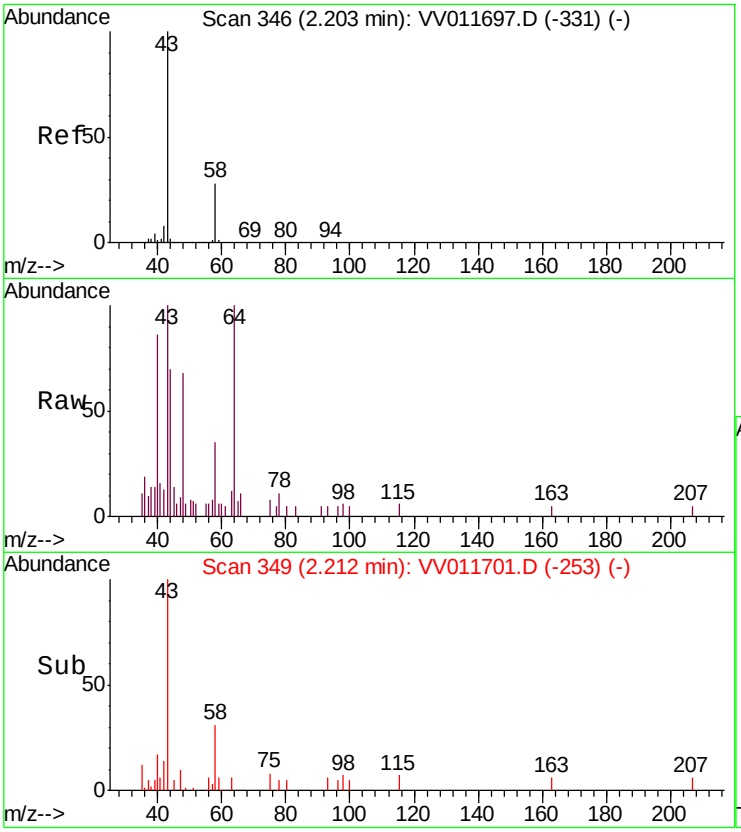


#12
1,1-Dichloroethene
Concen: 0.117 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 96 Resp: 1049

Ion	Ratio	Lower	Upper
96	100		
61	908.5	131.5	244.1#
63	7410.1	91.8	170.4#



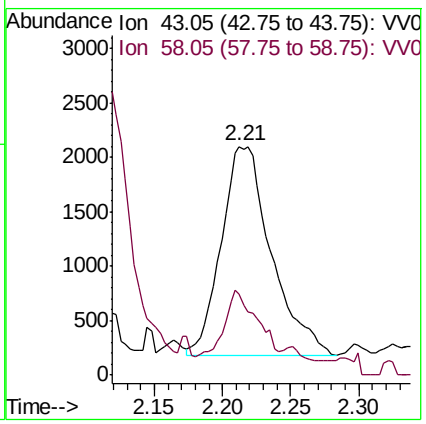


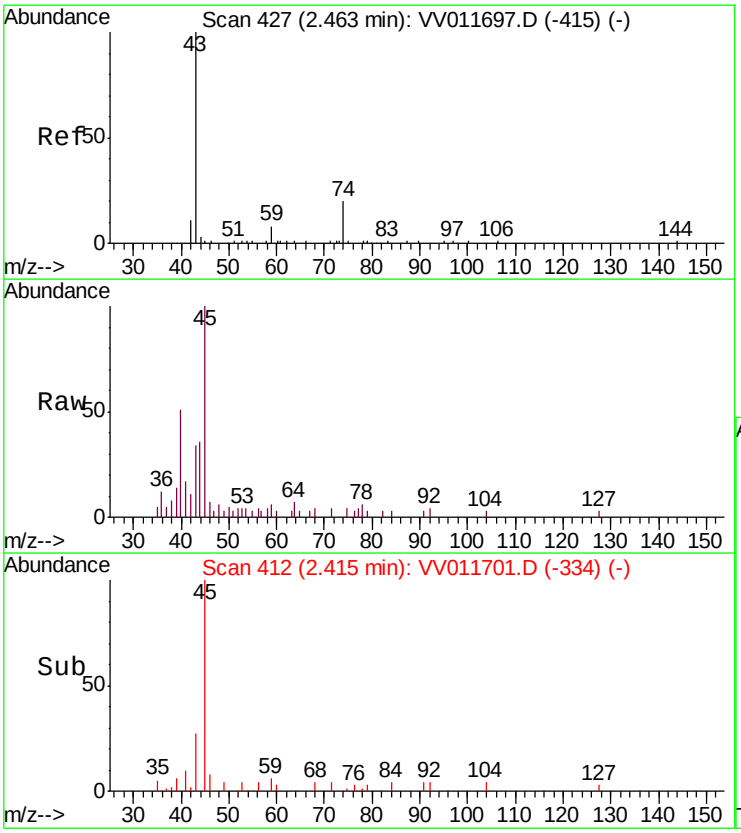
#13
Acetone
Concen: 2.686 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument :
MSVOA_V
ClientSampleId :
BFCN0

Tgt Ion: 43 Resp: 4935

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	56.6

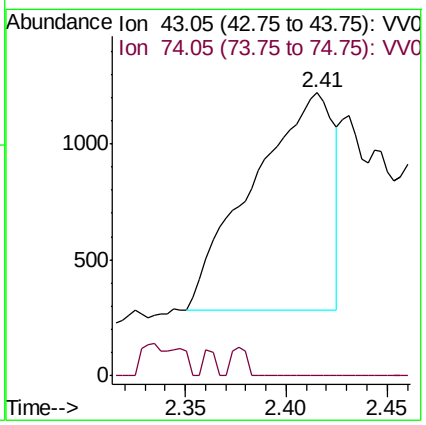


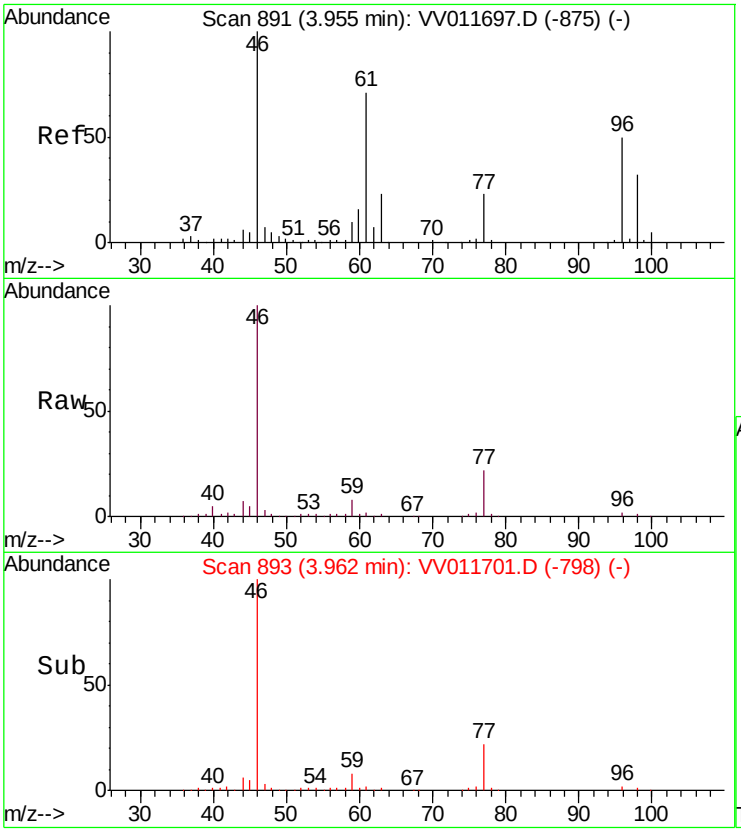


#15
Methyl Acetate
Concen: 0.571 ug/L
RT: 2.41 min Scan# 412
Delta R.T. -0.05 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 43 Resp: 2612

Ion	Ratio	Lower	Upper
43	100		
74	2.5	16.2	24.2#



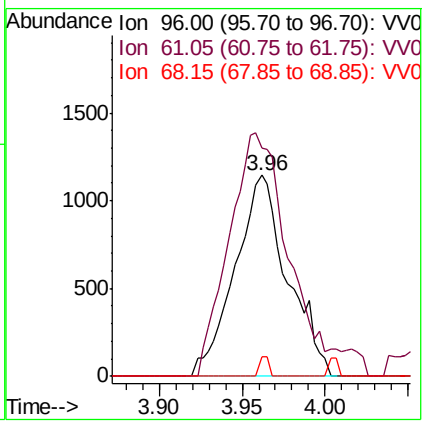


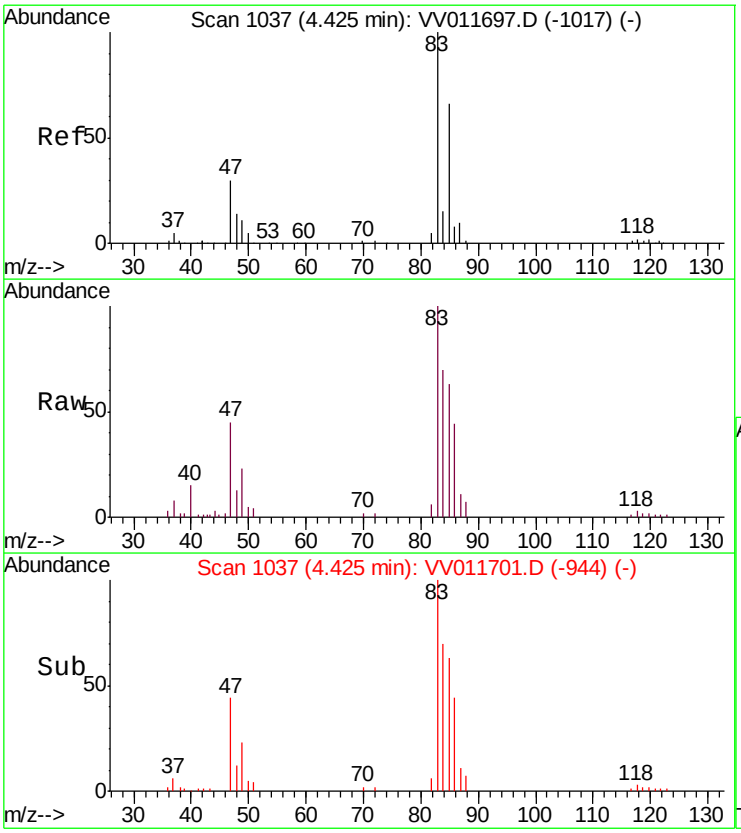
#22
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument :
MSVOA_V
ClientSampleId :
BFCN0

Tgt Ion: 96 Resp: 2522

Ion	Ratio	Lower	Upper
96	100		
61	113.5	97.9	181.7
68	9.7	0.0	0.0#

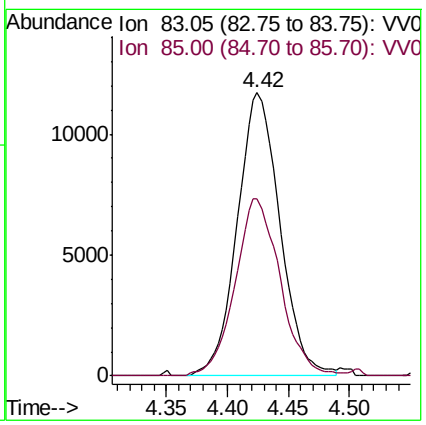


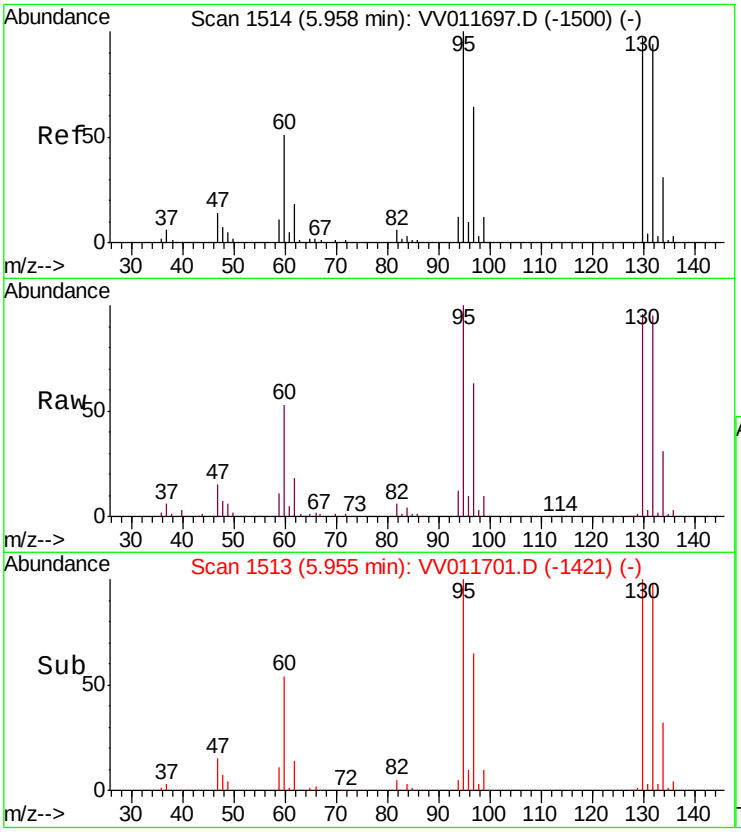


#25
Chloroform
Concen: 1.226 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 83 Resp: 28329

Ion	Ratio	Lower	Upper
83	100		
85	62.6	47.0	87.2



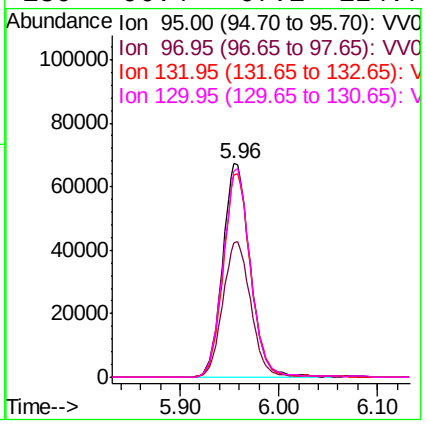


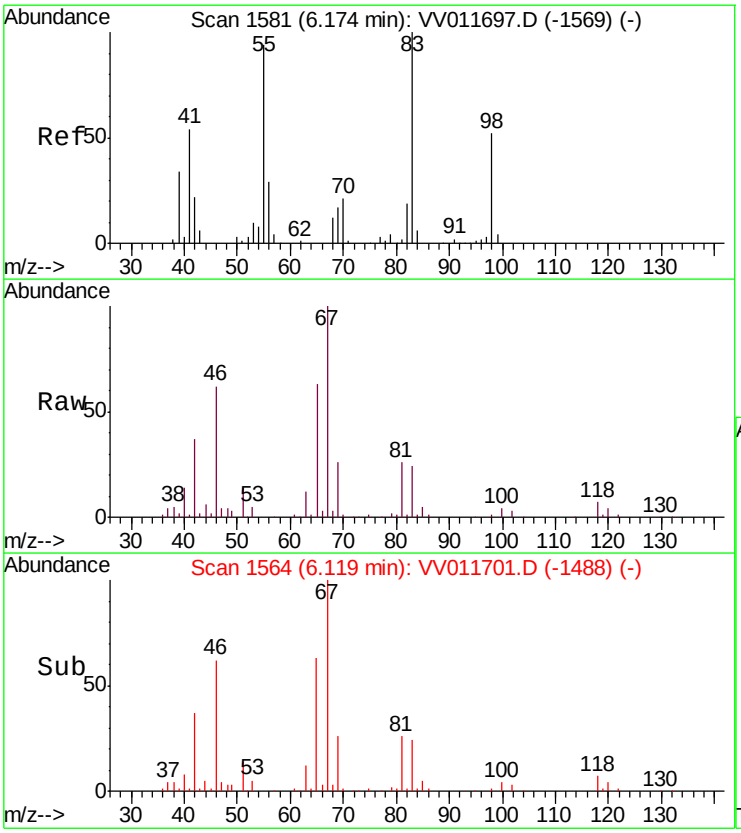
#34
Trichloroethene
Concen: 10.927 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument :
MSVOA_V
ClientSampleId :
BFCN0

Tgt Ion: 95 Resp: 131869

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.4	82.5
132	94.9	65.0	120.6
130	96.4	67.1	124.7

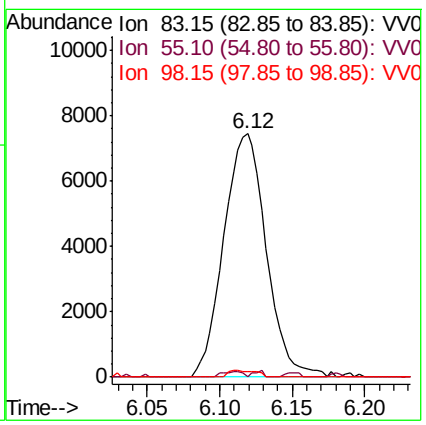


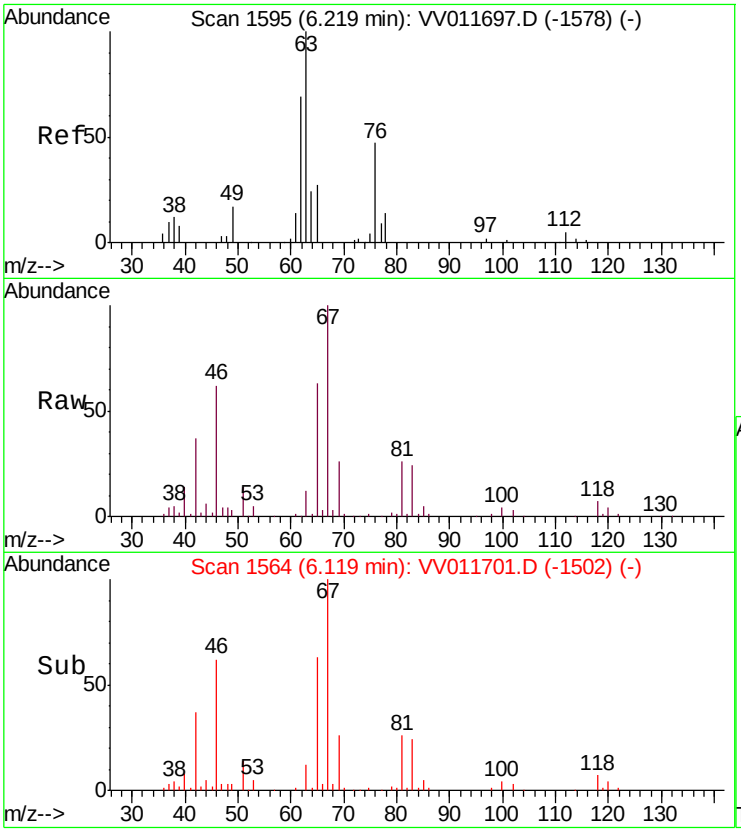


#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 83 Resp: 15164

Ion	Ratio	Lower	Upper
83	100		
55	0.6	69.4	104.2#
98	0.0	40.2	60.4#



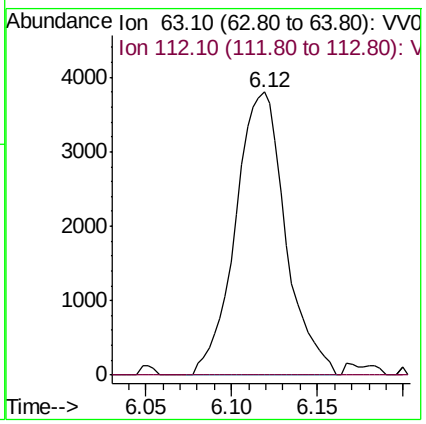


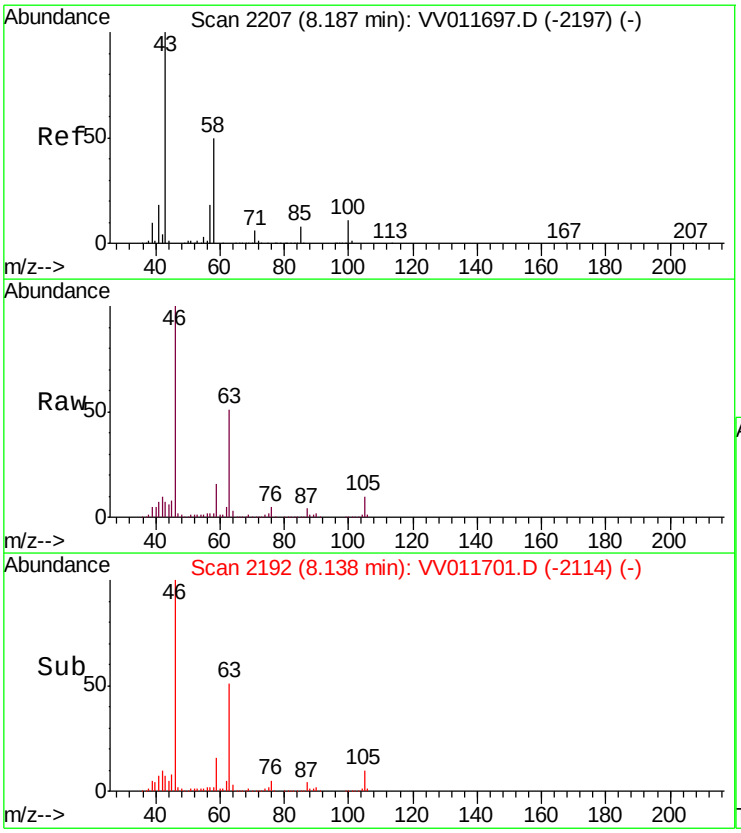
#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Instrument : MSVOA_V
ClientSampleId : BFCN0

Tgt Ion: 63 Resp: 7676

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#48
2-Hexanone
Concen: 3.354 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011701.D
Acq: 21 Jun 2019 23:12

Tgt Ion: 43 Resp: 17093

Ion	Ratio	Lower	Upper
43	100		
58	33.0	40.1	60.1#
57	25.7	14.4	21.6#
100	1.2	8.6	12.8#