Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\

Quantitation Report (Not Reviewed)

Data File : VV009597.D
Acq On : 11 Mar 2019 16:16
Operator : SY/MD
Sample : K1818-06
Misc : 4.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2L1RE

Quant Time: Mar 12 04:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138816	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55888	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30043	17.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.92%			
7) Chloroethane-d5	1.57	69	35534	14.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.80%			
10) 1,1-Dichloroethene-d2	2.13	63	73556	16.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.68%			
20) 2-Butanone-d5	3.93	46	22791	40.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.04%			
24) Chloroform-d	4.40	84	76527	23.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.56%			
26) 1,2-Dichloroethane-d4	5.08	65	48955	26.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%			
29) Benzene-d6	5.10	84	163052	24.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.56%			
33) 1,2-Dichloropropane-d6	6.12	67	52507	26.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.36%			
37) Toluene-d8	7.36	98	160349	24.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.40%			
38) trans-1,3-Dichloropropene-	7.66	79	20681	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.64%			
39) 2-Hexanone-d5	8.13	63	16657	35.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.62%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45754	21.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.16%			
61) 1,2-Dichlorobenzene-d4	11.68	152	52534	25.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1073	1.853	ug/L	86
16) Methylene chloride	2.54	84	2640	1.449	ug/L	91
25) Chloroform	4.42	83	8706	2.671	ug/L	91
35) Trichloroethene	5.96	95	703	0.347	ug/L #	45
40) 1,2-Dichloropropane	6.12	63	5969	3.285	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1722	0.611	ug/L #	81
45) trans-1,3-Dichloropropene	7.67	75	1136	0.461	ug/L	99
47) Tetrachloroethene	8.02	164	51158	33.307	ug/L	94

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

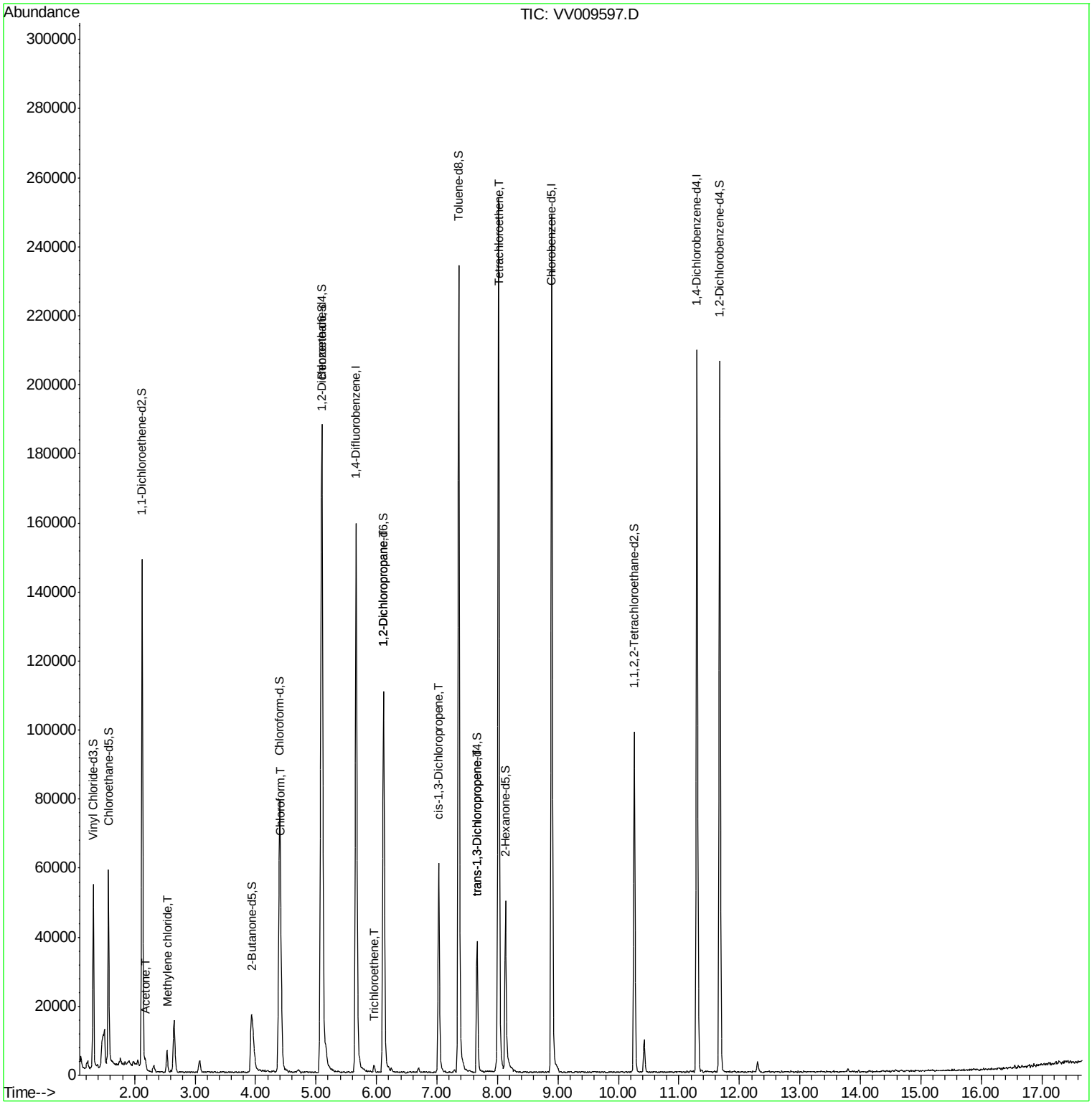
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031119\

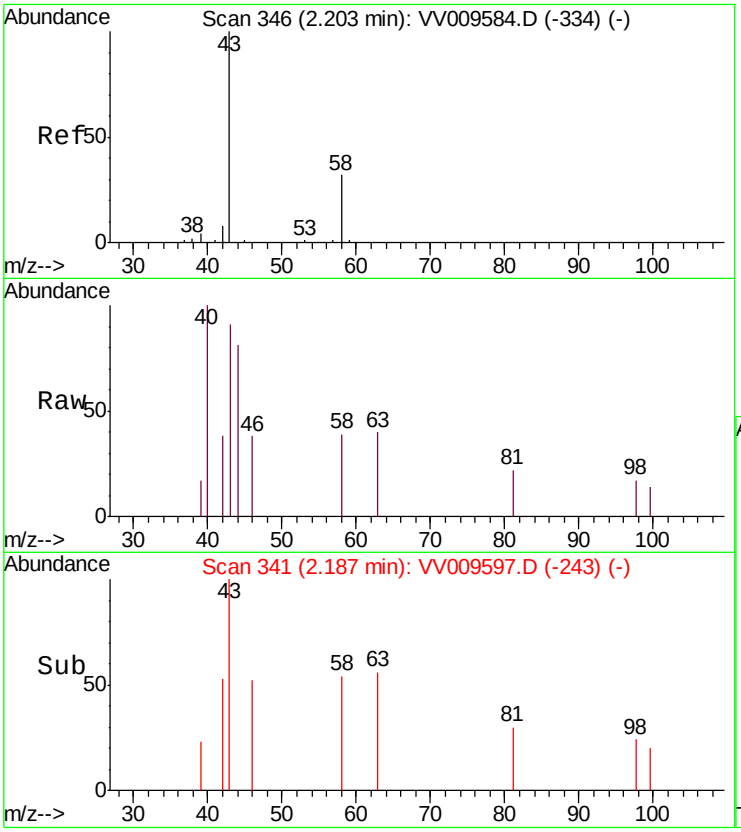
Quantitation Report (Not Reviewed)

Data File : VV009597.D
Acq On : 11 Mar 2019 16:16
Operator : SY/MD
Sample : K1818-06
Misc : 4.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2L1RE

Quant Time: Mar 12 04:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration



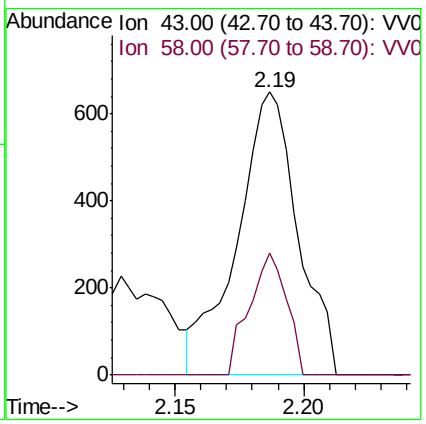


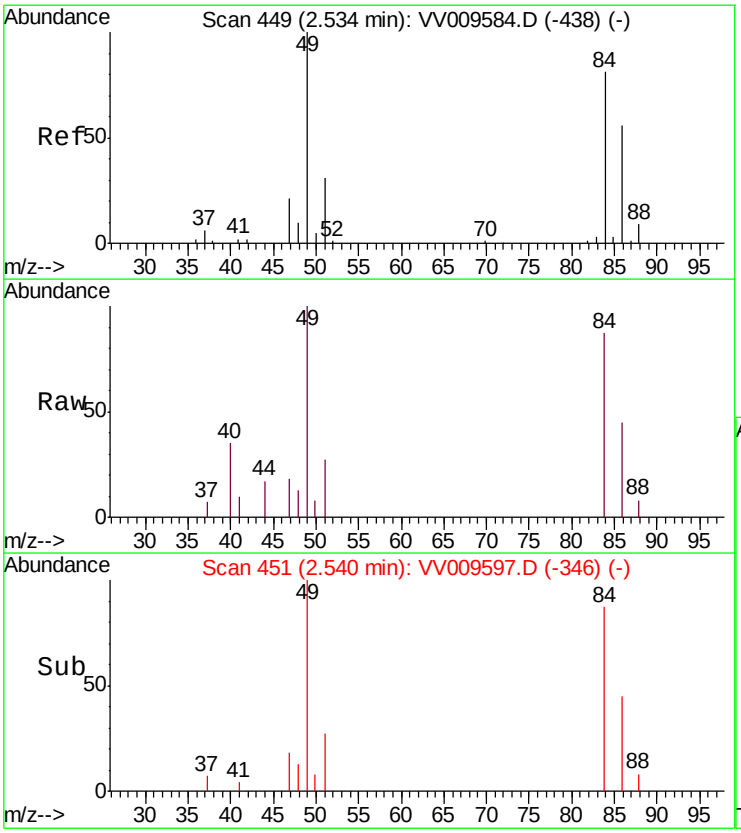
#13
Acetone
Concen: 1.853 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Instrument : MSVOA_V
ClientSampleId : BF2L1RE

Tgt Ion: 43 Resp: 1073

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	68.8

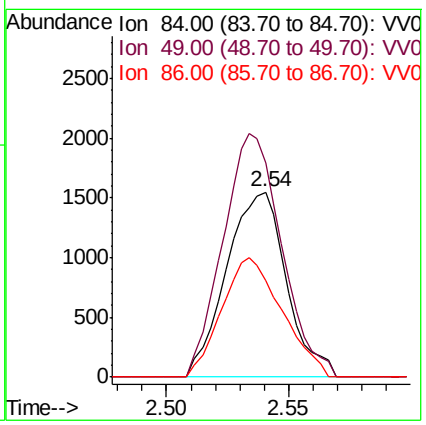


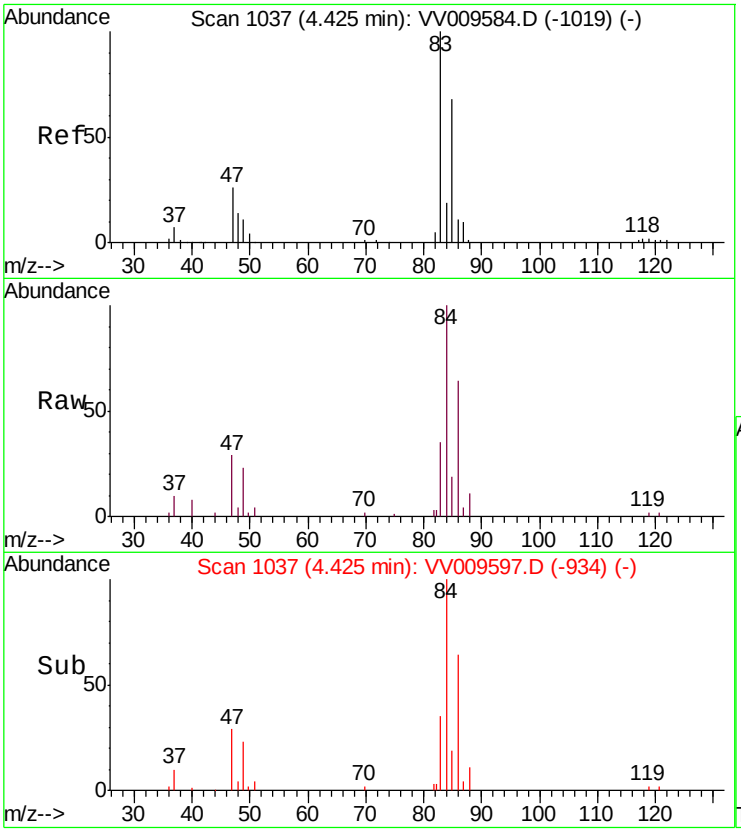


#16
Methylene chloride
Concen: 1.449 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Tgt Ion: 84 Resp: 2640

Ion	Ratio	Lower	Upper
84	100		
49	115.4	84.6	157.0
86	52.3	46.1	85.7



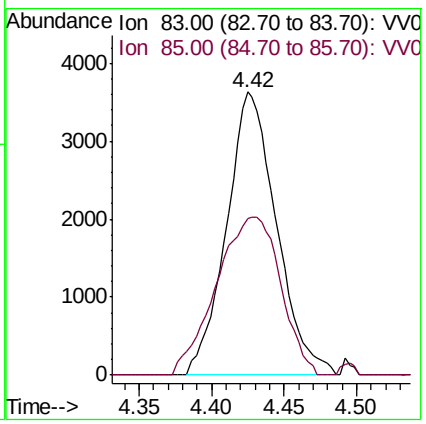


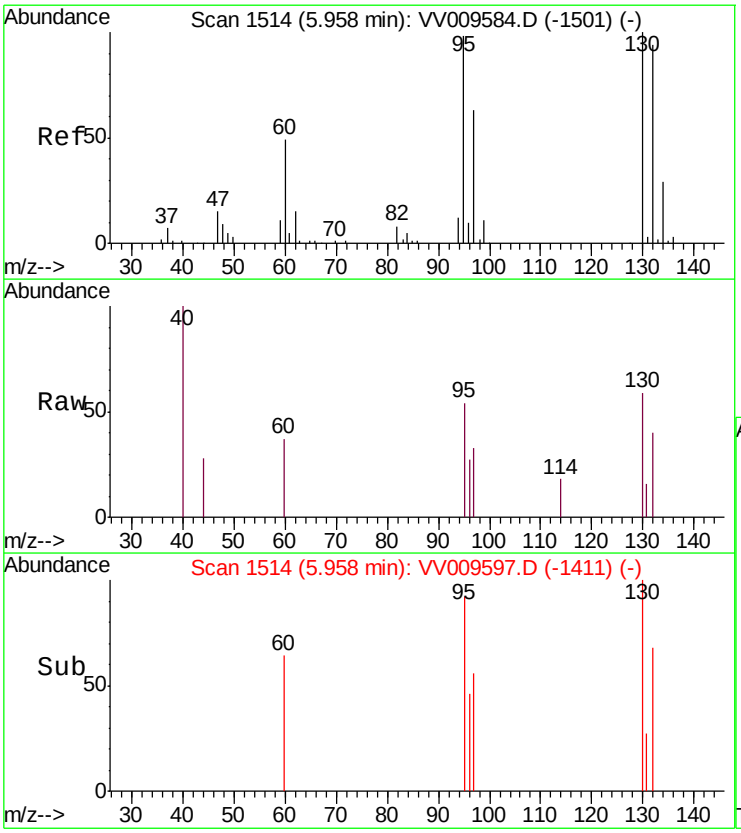
#25
Chloroform
Concen: 2.671 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Instrument :
MSVOA_V
ClientSampleId :
BF2L1RE

Tgt Ion: 83 Resp: 8706

Ion	Ratio	Lower	Upper
83	100		
85	72.0	45.4	84.2

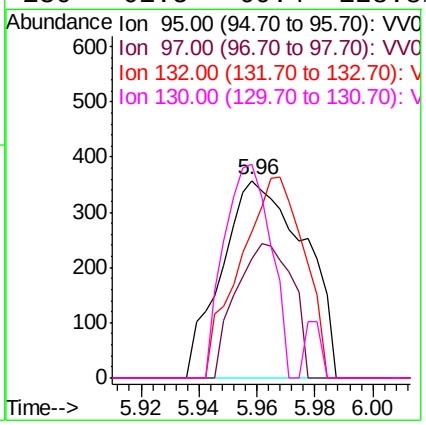


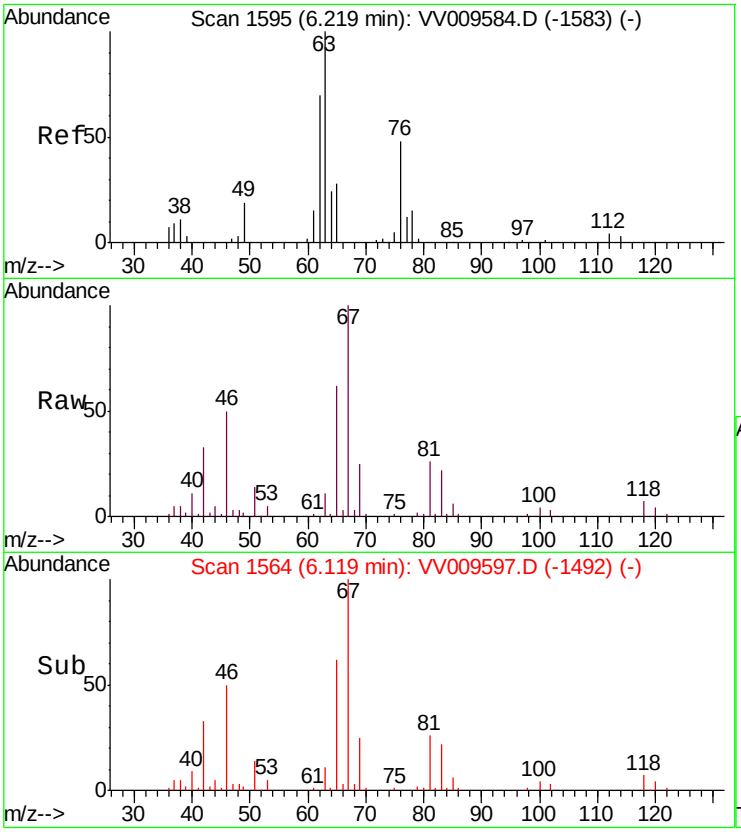


#35
Trichloroethene
Concen: 0.347 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Tgt Ion: 95 Resp: 703

Ion	Ratio	Lower	Upper
95	100		
97	46.5	44.3	82.3
132	0.0	64.4	119.6#
130	61.5	69.4	128.8#



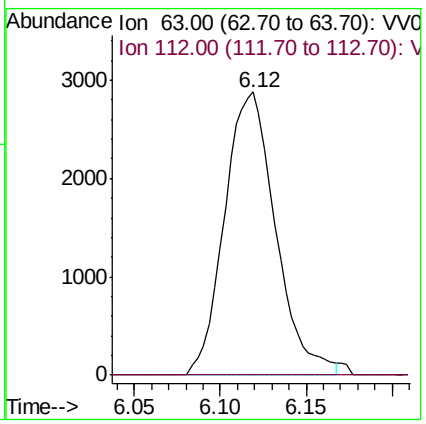


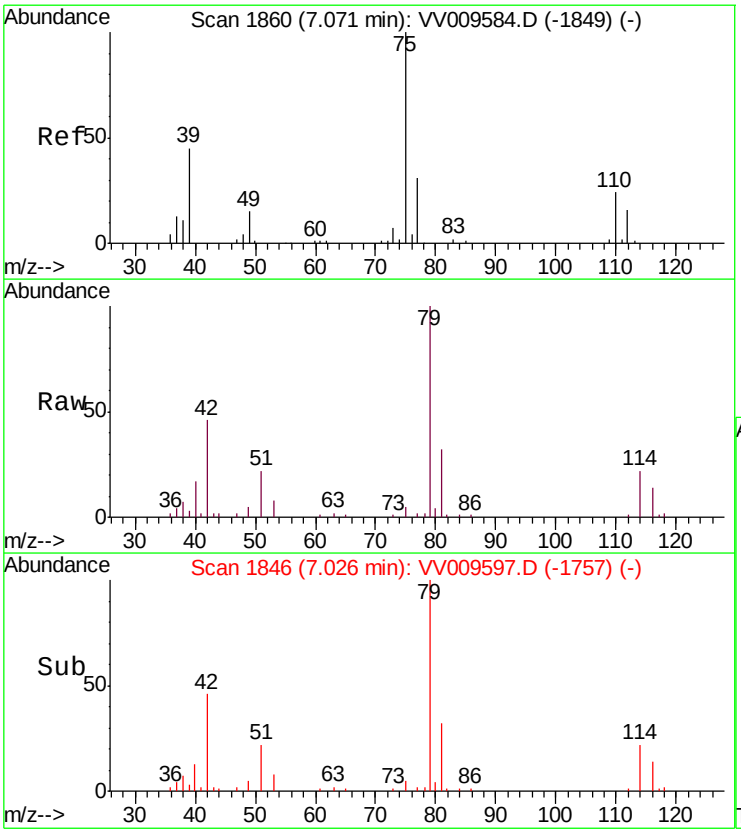
#40
1,2-Dichloropropane
Concen: 3.285 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Instrument :
MSVOA_V
ClientSampleId :
BF2L1RE

Tgt Ion: 63 Resp: 5969

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

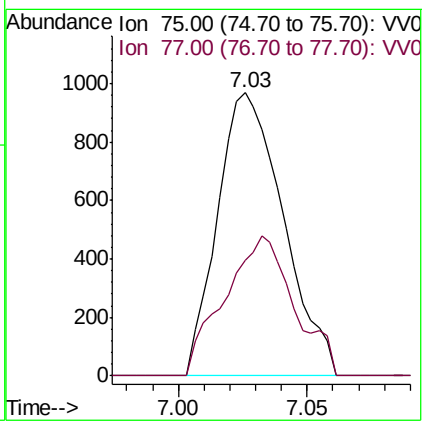


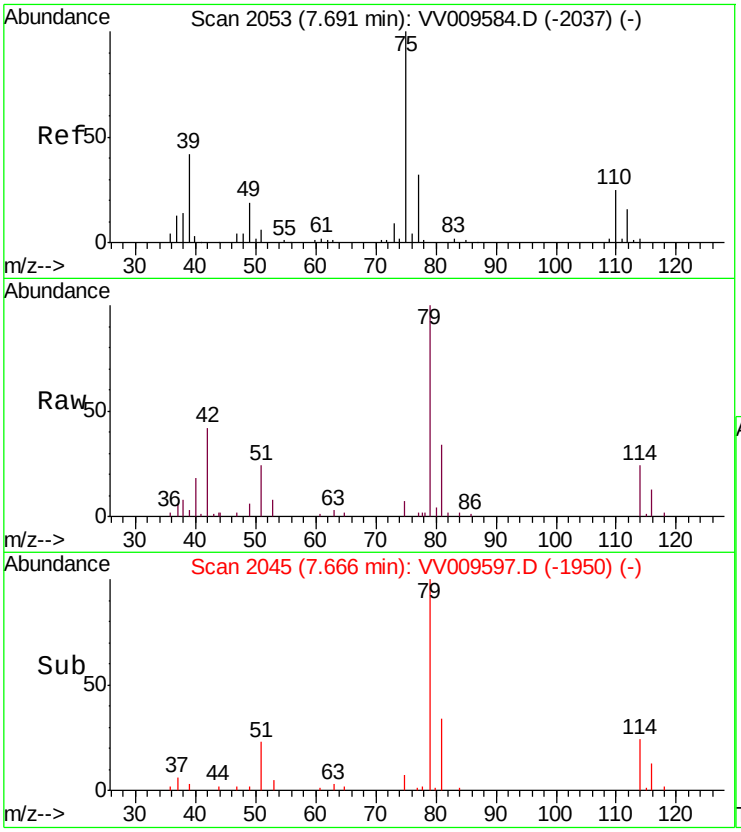


#42
cis-1,3-Dichloropropene
Concen: 0.611 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Tgt Ion: 75 Resp: 1722

Ion	Ratio	Lower	Upper
75	100		
77	41.1	21.4	39.8#



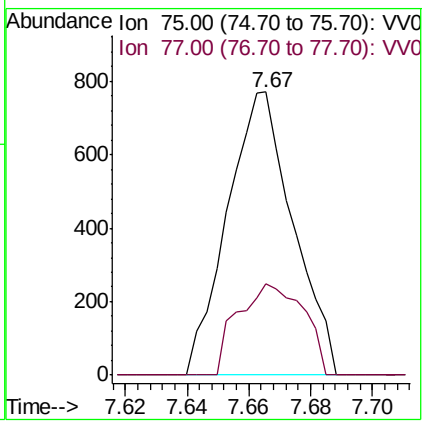


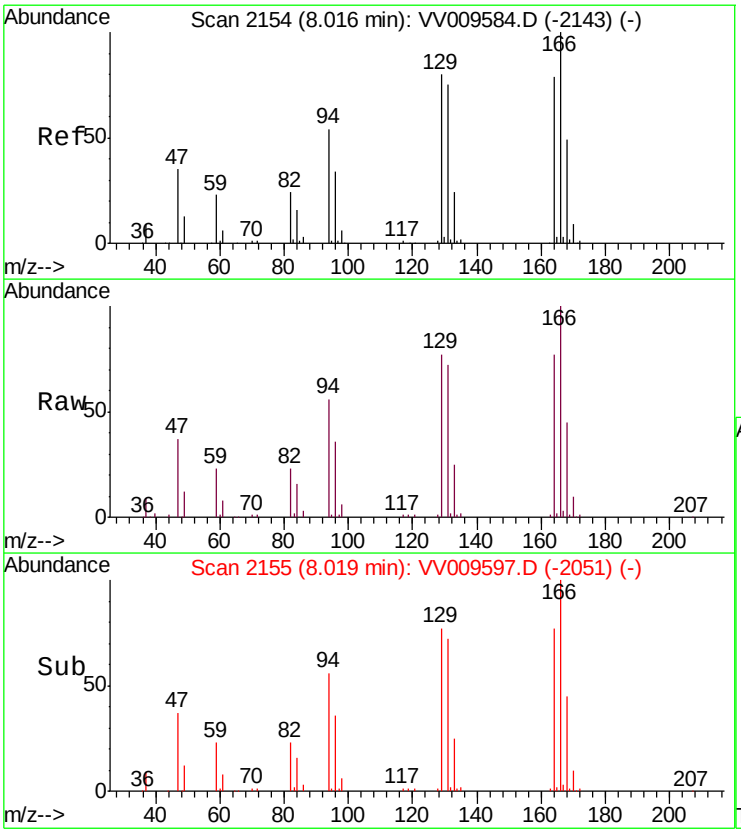
#45
trans-1,3-Dichloropropene
Concen: 0.461 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Instrument :
MSVOA_V
ClientSampleId :
BF2L1RE

Tgt Ion: 75 Resp: 1136

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.5	41.7





#47
Tetrachloroethene
Concen: 33.307 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009597.D
Acq: 11 Mar 2019 16:16

Tgt Ion:164 Resp: 51158

Ion	Ratio	Lower	Upper
164	100		
129	99.5	67.7	125.7
131	93.6	67.5	125.3
166	130.0	81.6	151.6