Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

Quantitation Report (Not Reviewed)

Data File : VV010311.D
Acq On : 13 Apr 2019 02:48
Operator : SY/MD
Sample : K2278-09
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Apr 13 05:55:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	269659	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	268539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117397	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64509	20.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.12%			
7) Chloroethane-d5	1.55	69	65221	24.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.80%			
10) 1,1-Dichloroethene-d2	2.12	63	131514	16.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.60%			
20) 2-Butanone-d5	3.93	46	50677	64.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.02%			
24) Chloroform-d	4.40	84	139800	22.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	95594	27.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.04%			
29) Benzene-d6	5.09	84	305146	23.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.28%			
33) 1,2-Dichloropropane-d6	6.11	67	93898	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.52%			
37) Toluene-d8	7.36	98	289438	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.68%			
38) trans-1,3-Dichloropropene-	7.66	79	36165	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.08%			
39) 2-Hexanone-d5	8.13	63	36382	54.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.38%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	90815	26.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.08%			
61) 1,2-Dichlorobenzene-d4	11.68	152	111196	25.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.60%			

Target Compounds						Qvalue
13) Acetone	2.18	43	1276	1.520	ug/L	91
16) Methylene chloride	2.53	84	11544	2.186	ug/L	99
25) Chloroform	4.43	83	13444	2.035	ug/L	82
35) Trichloroethene	5.66	95	8475	2.155	ug/L #	3
40) 1,2-Dichloropropane	6.11	63	11460	3.441	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2695	0.534	ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	14443	5.620	ug/L	94

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

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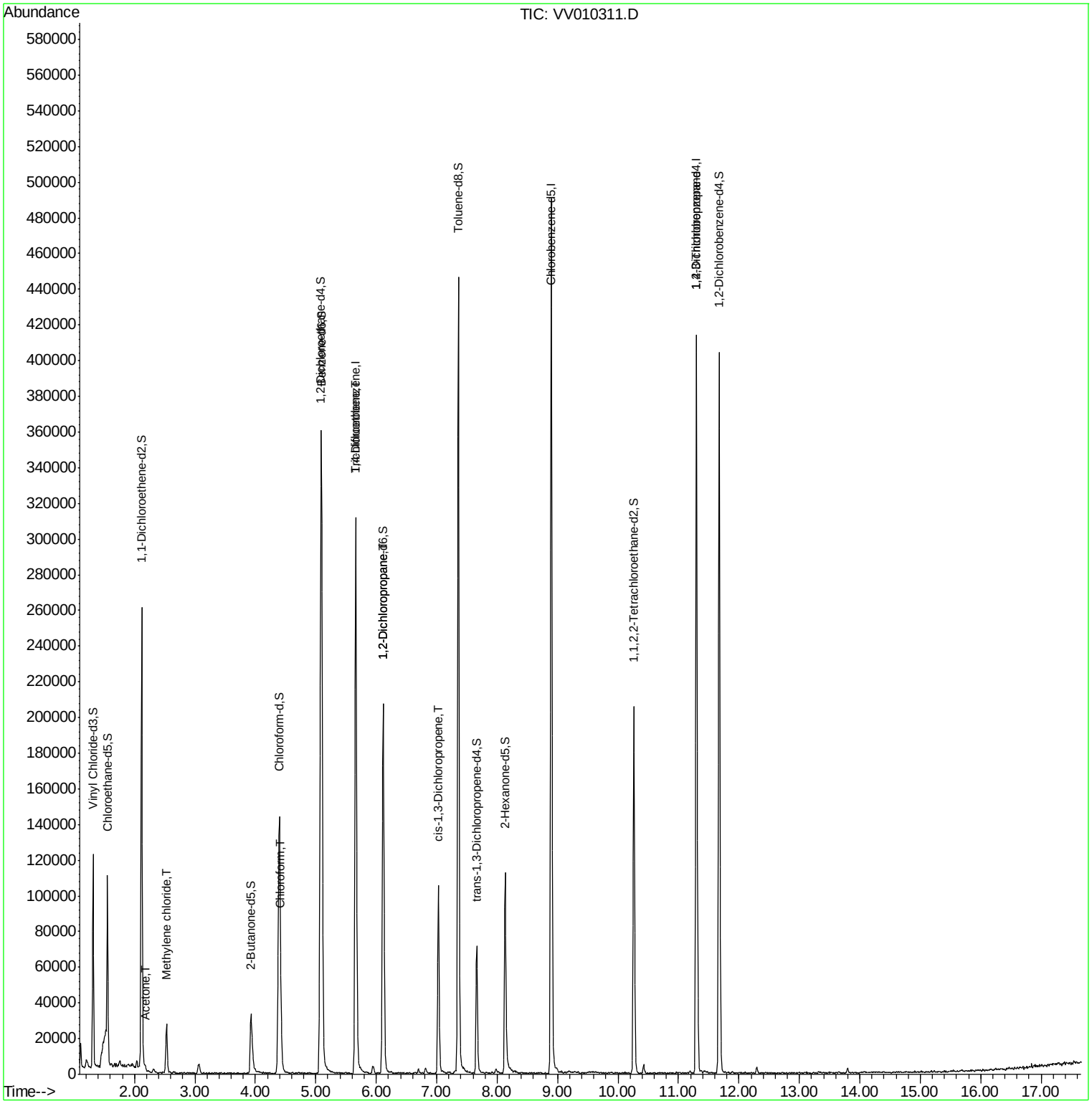
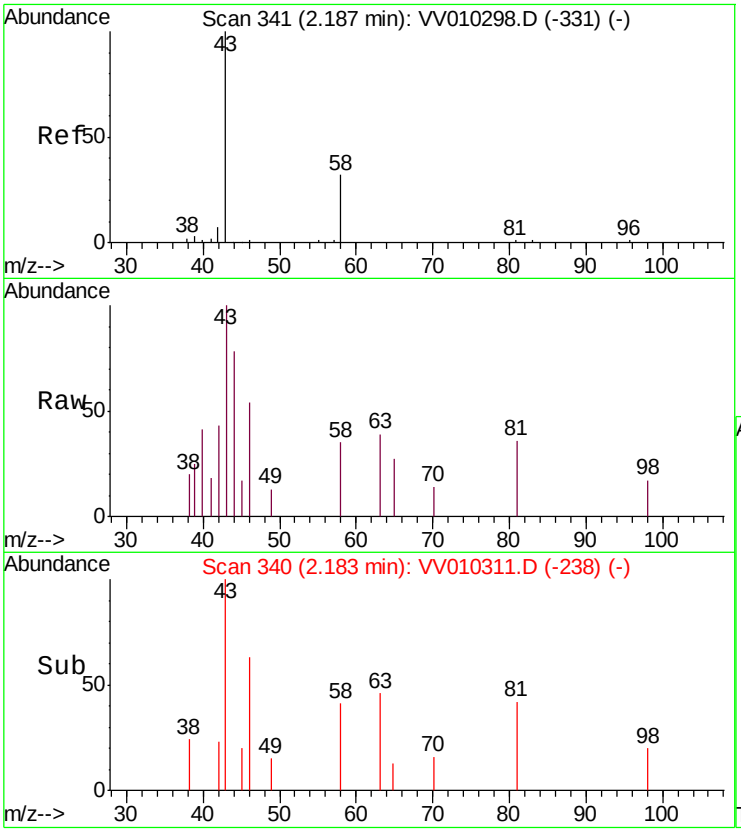
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration



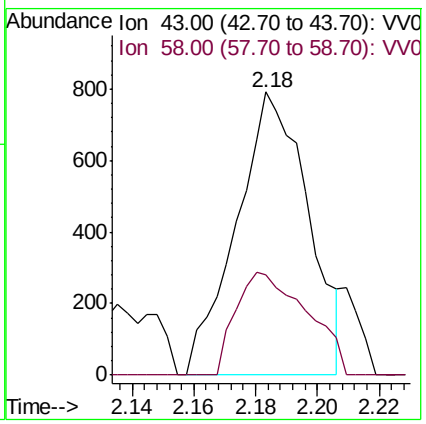


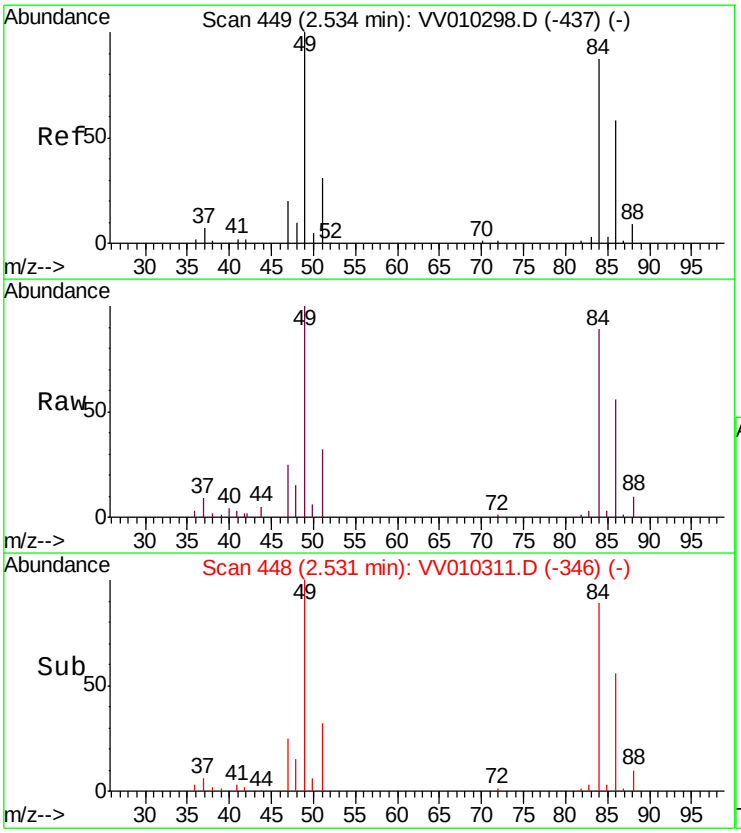
#13
Acetone
Concen: 1.520 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 1276

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	61.6

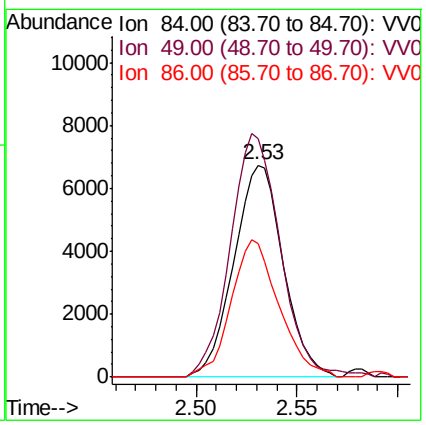


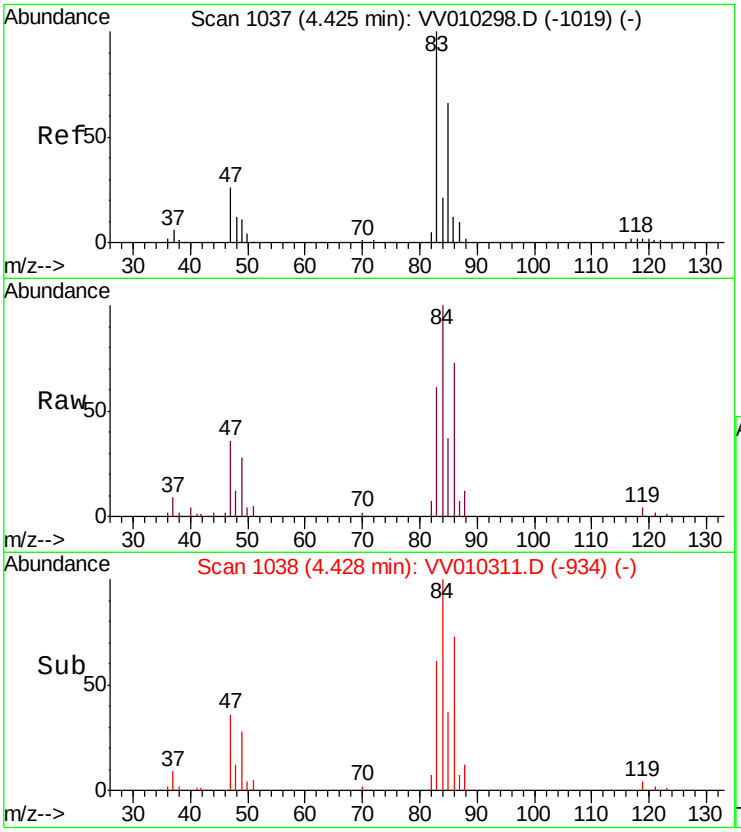


#16
Methylene chloride
Concen: 2.186 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 84 Resp: 11544

Ion	Ratio	Lower	Upper
84	100		
49	112.8	79.9	148.5
86	63.0	44.5	82.7



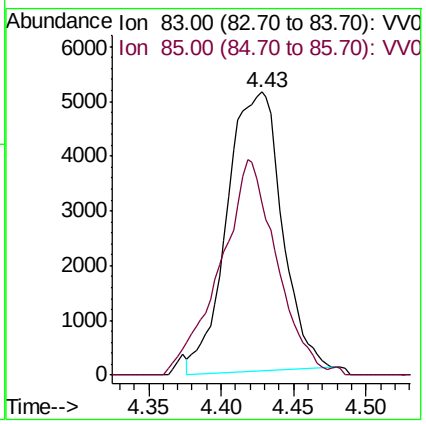


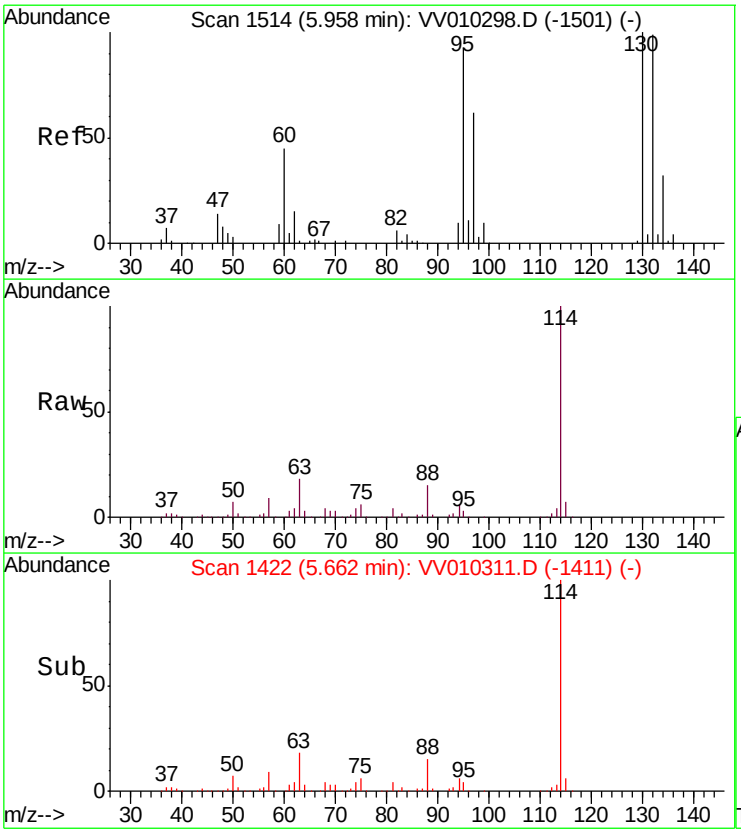
#25
Chloroform
Concen: 2.035 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 13444

Ion	Ratio	Lower	Upper
83	100		
85	79.2	45.4	84.2

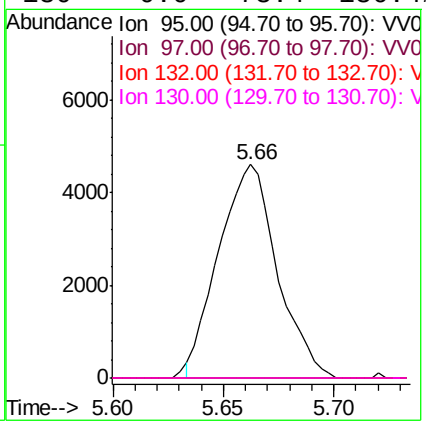


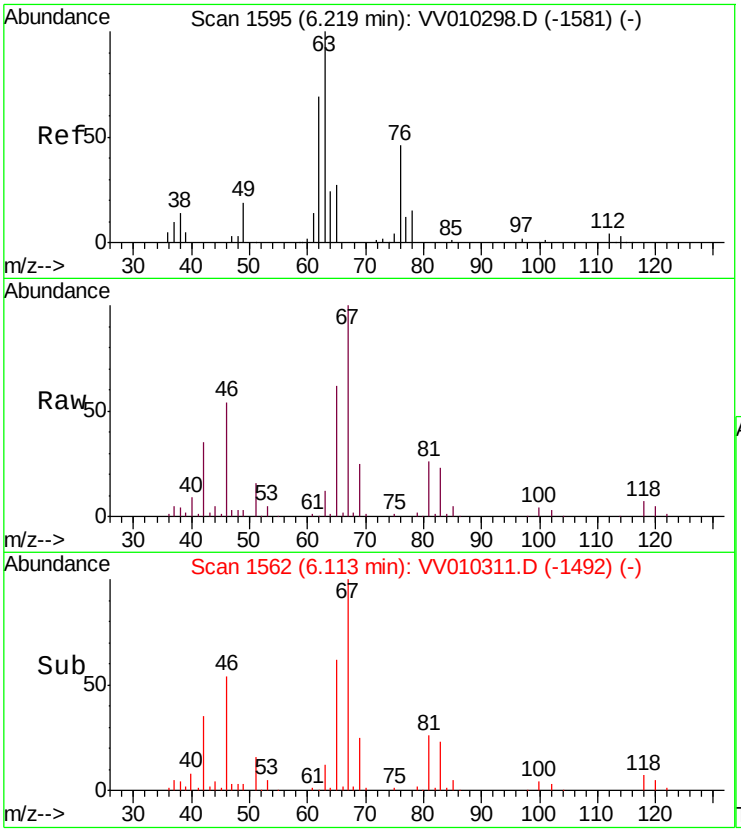


#35
Trichloroethene
Concen: 2.155 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 95 Resp: 8475

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.5	71.3	132.3#
130	0.0	73.4	136.4#



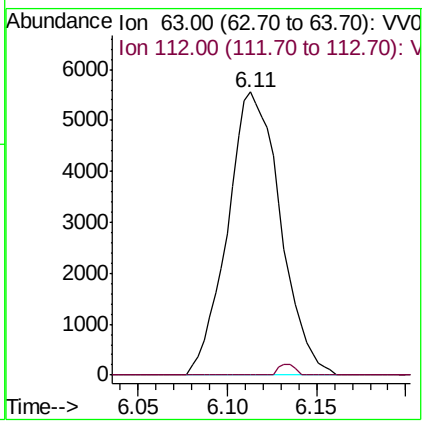


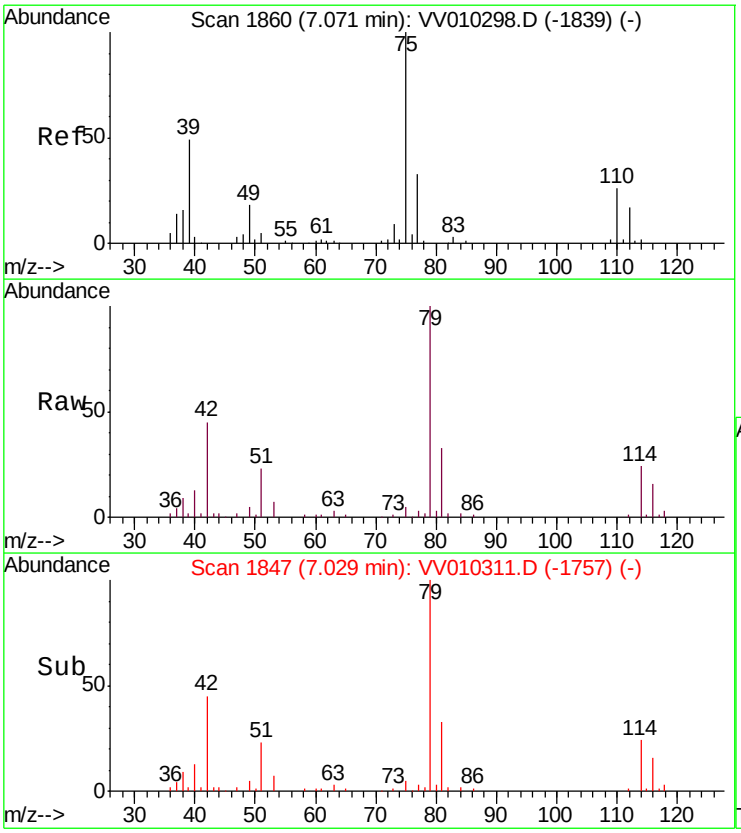
#40
1,2-Dichloropropane
Concen: 3.441 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 11460

Ion	Ratio	Lower	Upper
63	100		
112	1.2	4.0	6.0#

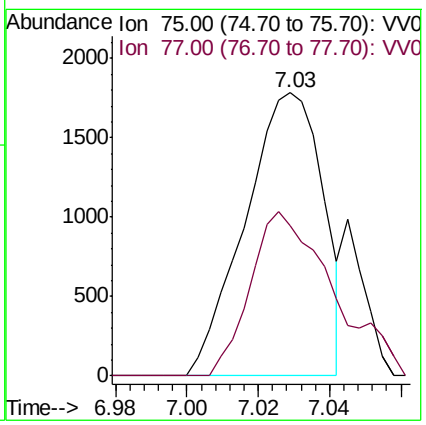


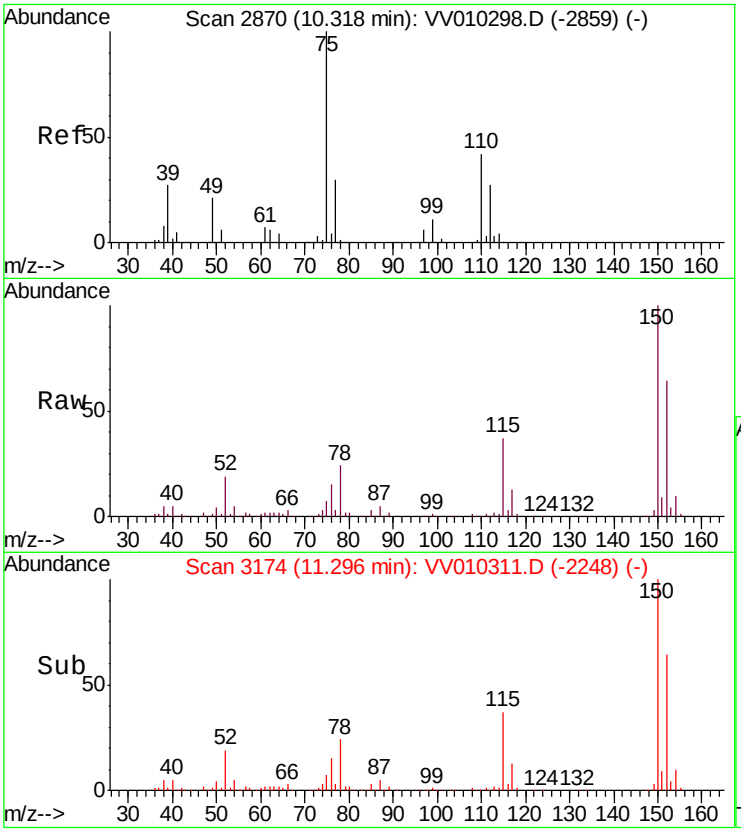


#42
cis-1,3-Dichloropropene
Concen: 0.534 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 75 Resp: 2695

Ion	Ratio	Lower	Upper
75	100		
77	53.3	21.9	40.7#





#59
1,2,3-Trichloropropane
Concen: 5.620 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010311.D
Acq: 13 Apr 2019 02:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 14443

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.9	40.3