Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010669.D
Acq On : 03 May 2019 21:48
Operator : SY/MD
Sample : K2602-07
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: May 03 23:55:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	188609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	186550	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84698	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38404	16.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.32%			
7) Chloroethane-d5	1.57	69	30964	18.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.08%			
10) 1,1-Dichloroethene-d2	2.12	63	56170	13.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.64%			
20) 2-Butanone-d5	3.93	46	36697	50.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.02%			
24) Chloroform-d	4.40	84	109987	22.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.32%			
26) 1,2-Dichloroethane-d4	5.08	65	67002	24.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%			
29) Benzene-d6	5.10	84	232704	24.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.28%			
33) 1,2-Dichloropropane-d6	6.12	67	73290	24.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.00%			
37) Toluene-d8	7.36	98	213654	23.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.00%			
38) trans-1,3-Dichloropropene-	7.66	79	29371	24.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.00%			
39) 2-Hexanone-d5	8.13	63	28928	54.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63824	23.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	84638	25.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.88%			

Target Compounds						Qvalue
13) Acetone	2.19	43	947	1.520	ug/L	89
16) Methylene chloride	2.54	84	4751	1.806	ug/L	91
25) Chloroform	4.42	83	5288	1.137	ug/L #	70
40) 1,2-Dichloropropane	6.12	63	7717	3.327	ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	2062	0.608	ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	10260	5.645	ug/L	95

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

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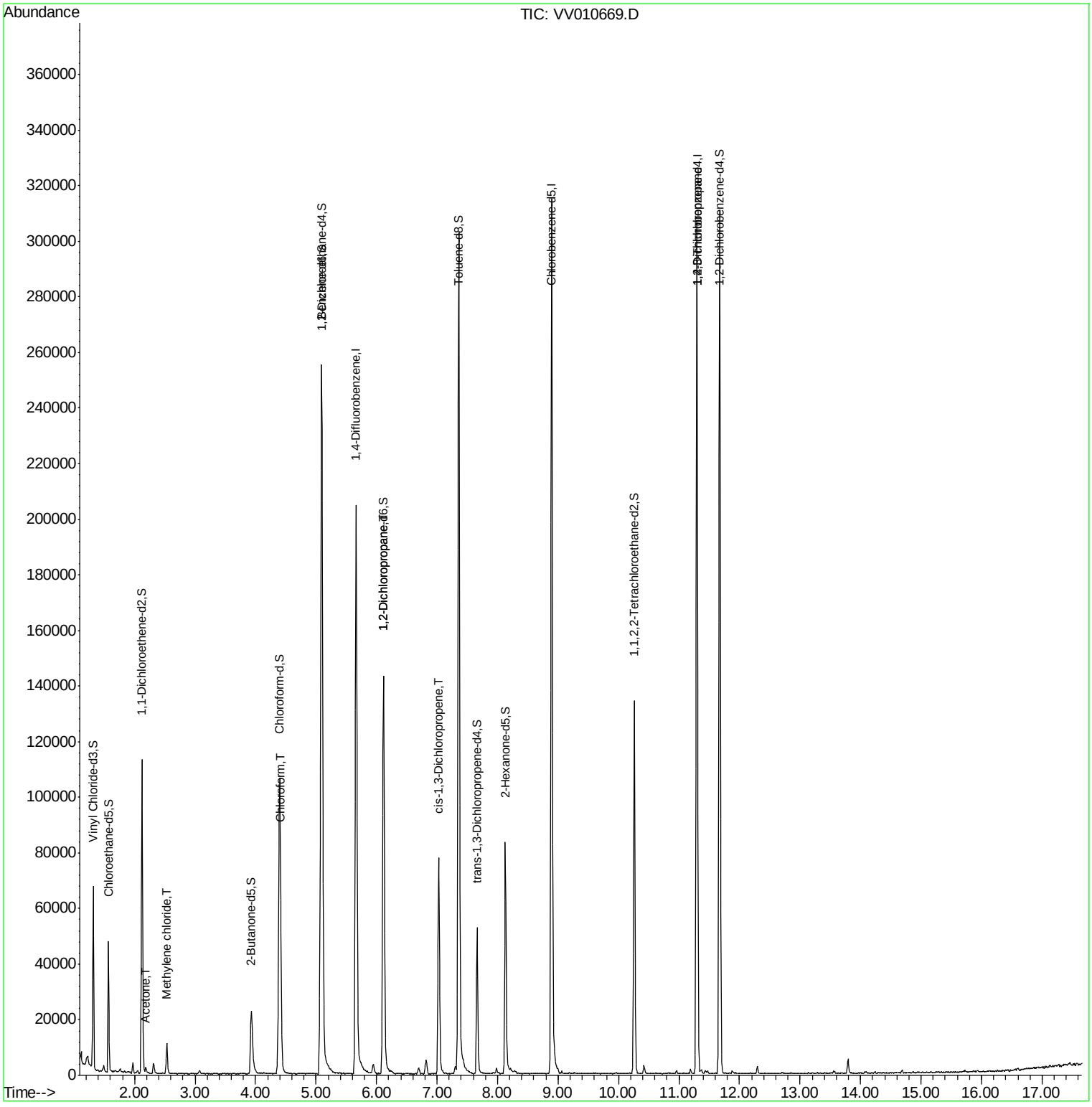
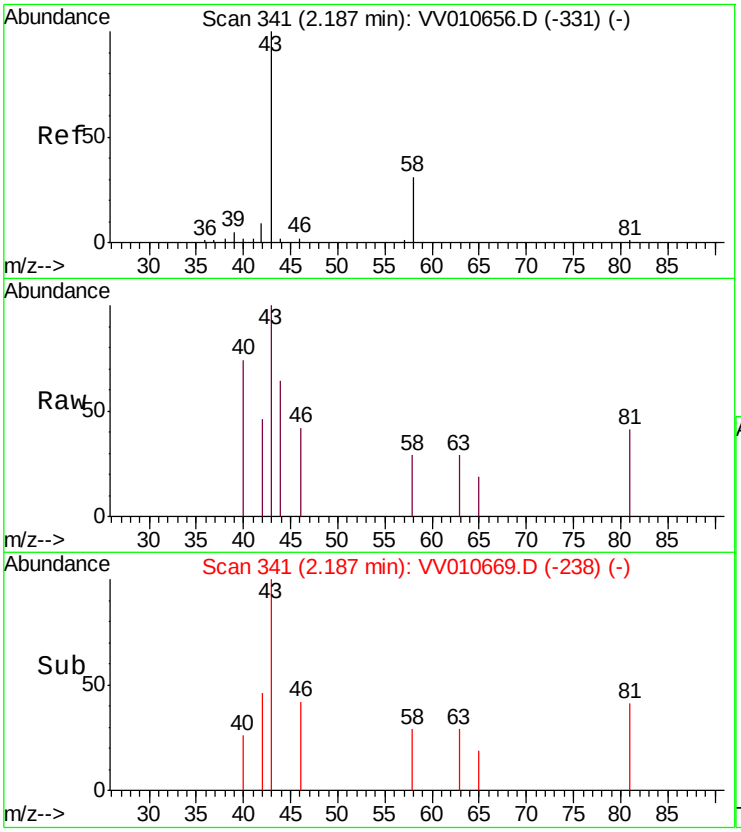
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: May 03 23:55:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration



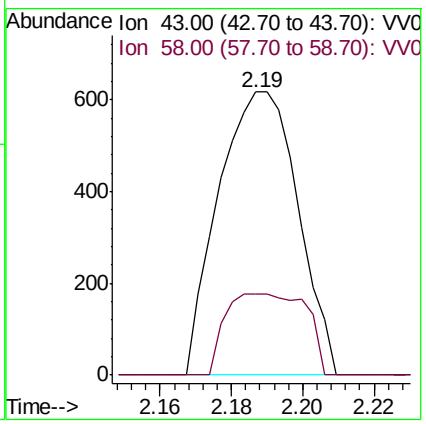


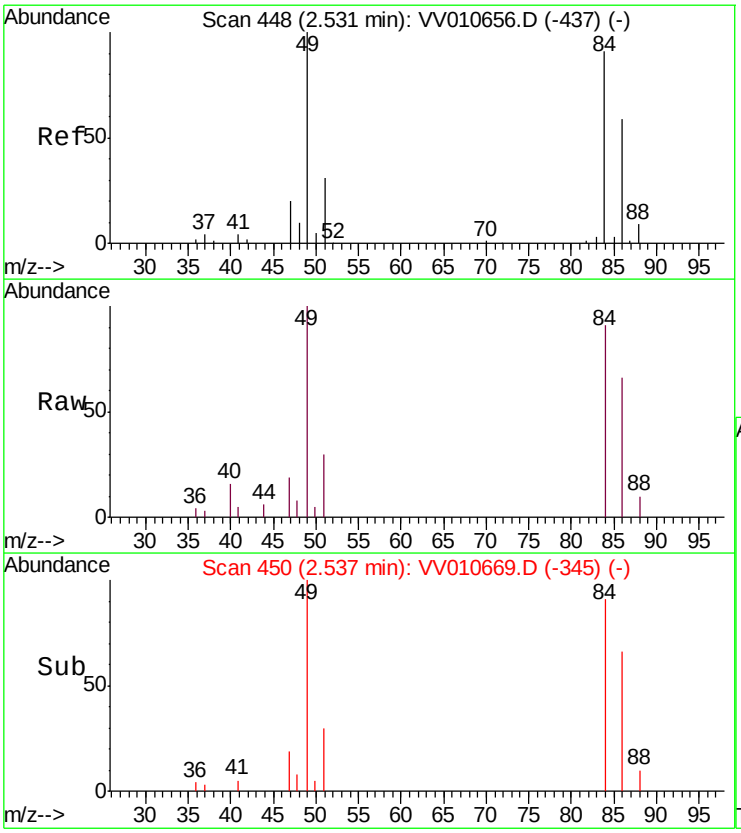
#13
Acetone
Concen: 1.520 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 947

Ion	Ratio	Lower	Upper
43	100		
58	23.0	0.0	58.2

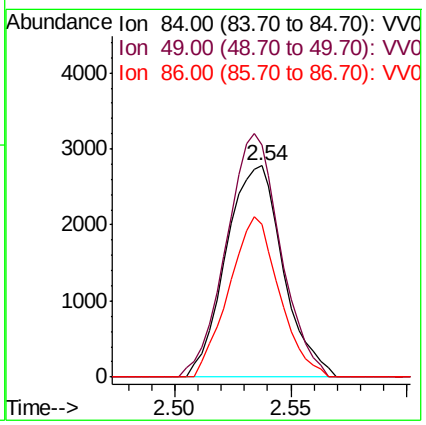


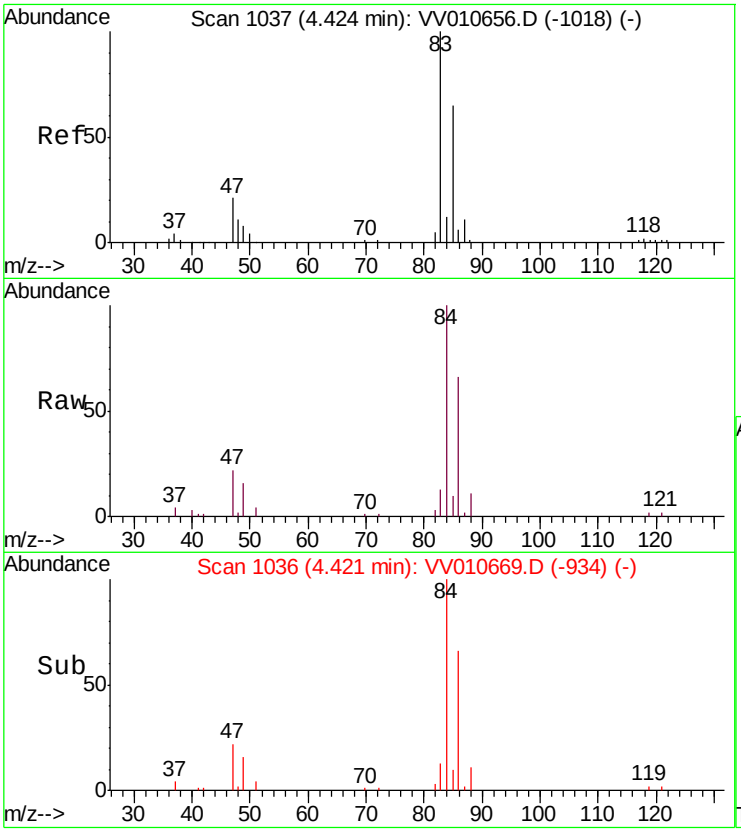


#16
Methylene chloride
Concen: 1.806 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Tgt Ion: 84 Resp: 4751

Ion	Ratio	Lower	Upper
84	100		
49	109.8	81.9	152.1
86	72.6	44.0	81.6



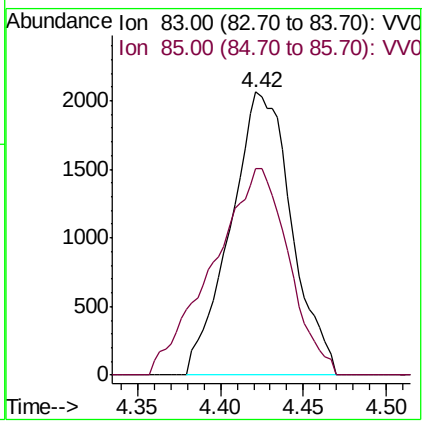


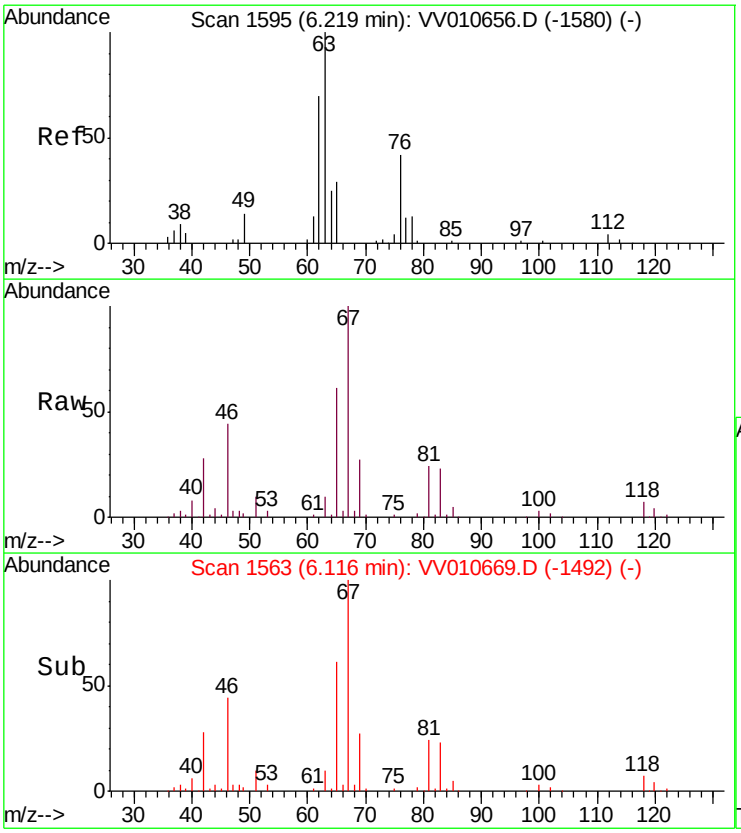
#25
Chloroform
Concen: 1.137 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 5288

Ion	Ratio	Lower	Upper
83	100		
85	90.1	46.3	86.1#

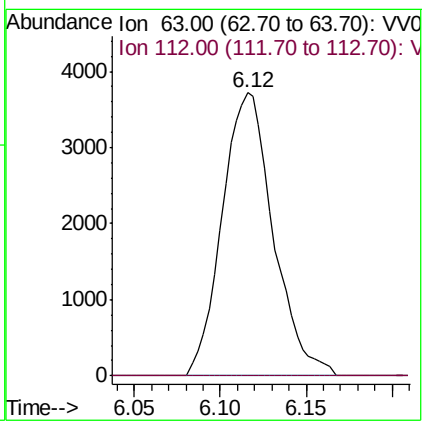


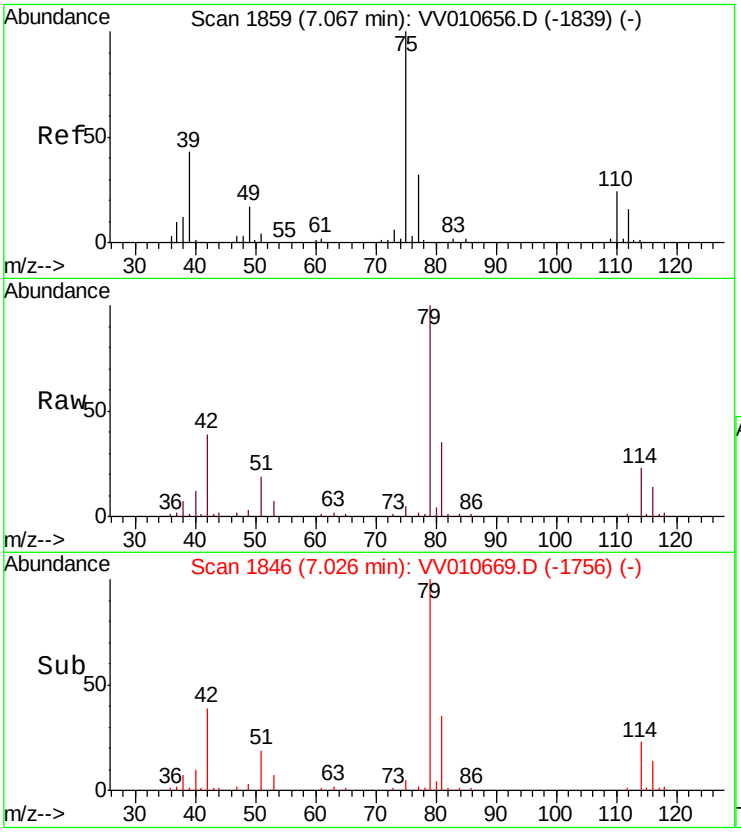


#40
1,2-Dichloropropane
Concen: 3.327 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Tgt Ion: 63 Resp: 7717

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



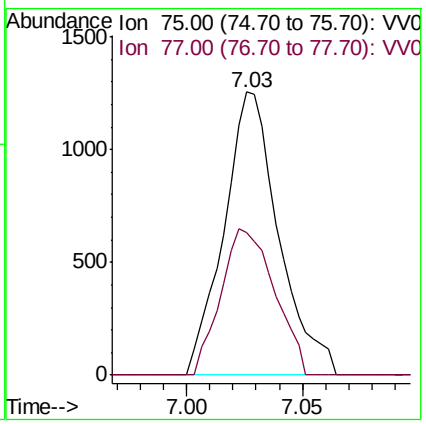


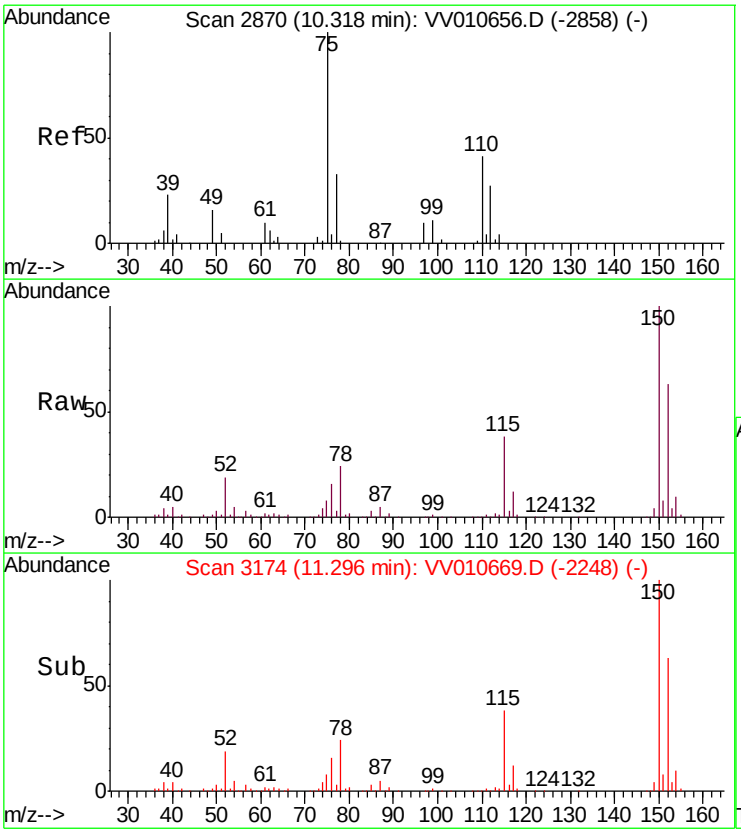
#42
cis-1,3-Dichloropropene
Concen: 0.608 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2062

Ion	Ratio	Lower	Upper
75	100		
77	50.5	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 5.645 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010669.D
Acq: 03 May 2019 21:48

Tgt Ion: 75 Resp: 10260

Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.6	38.4