Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
Data File : VV009545.D
Acq On : 08 Mar 2019 18:05
Operator : SY/MD
Sample : VIBLK74
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK74

Quant Time: Mar 09 01:27:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149923	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65884	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40125	21.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.12%			
7) Chloroethane-d5	1.57	69	39618	14.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.12%			
10) 1,1-Dichloroethene-d2	2.13	63	83698	17.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.24%			
20) 2-Butanone-d5	3.93	46	28983	45.12	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.24%			
24) Chloroform-d	4.40	84	82638	22.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.08	65	53391	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
29) Benzene-d6	5.10	84	173969	23.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.72%			
33) 1,2-Dichloropropane-d6	6.12	67	52398	23.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.64%			
37) Toluene-d8	7.36	98	168204	23.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.96%			
38) trans-1,3-Dichloropropene-	7.66	79	22359	21.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.24%			
39) 2-Hexanone-d5	8.13	63	23916	46.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.54%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50033	21.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	57536	23.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.68%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1139	1.744	ug/L	57
16) Methylene chloride	2.54	84	2521	1.227	ug/L	92
25) Chloroform	4.42	83	1554	0.423	ug/L #	1
35) Trichloroethene	5.67	95	4484	2.014	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2058	0.664	ug/L #	67
45) trans-1,3-Dichloropropene	7.66	75	1267	0.468	ug/L	88

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

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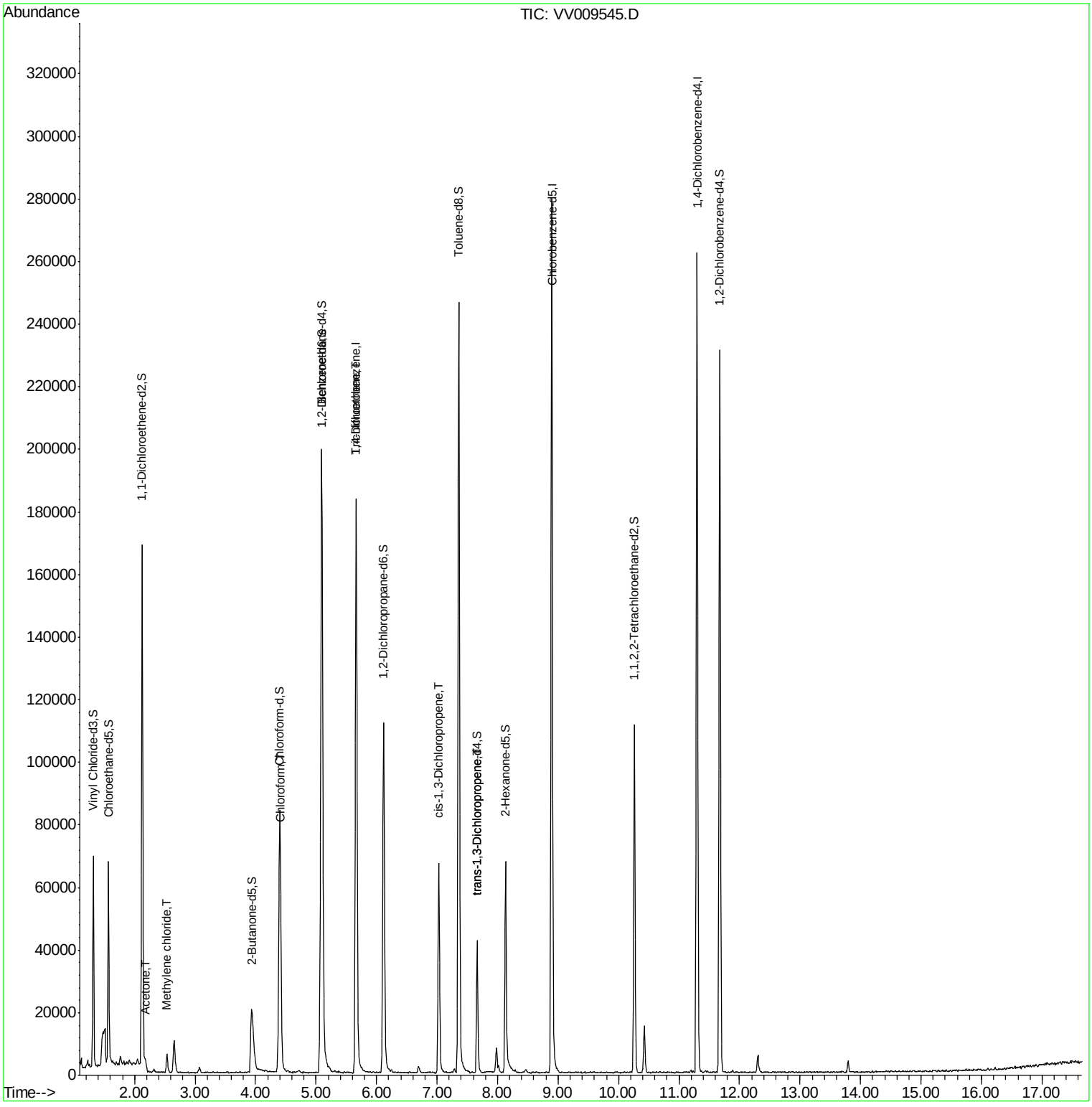
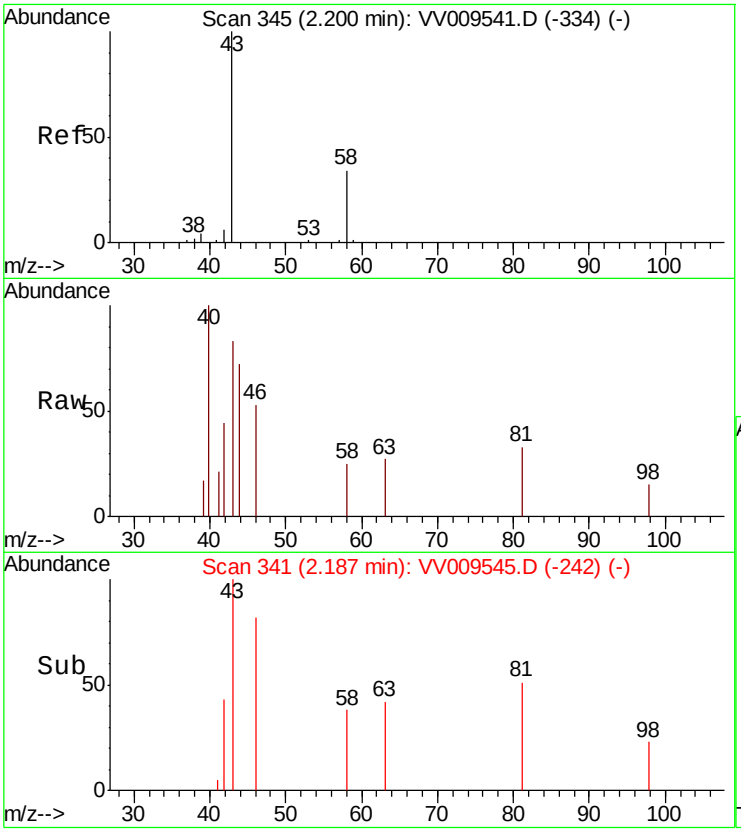


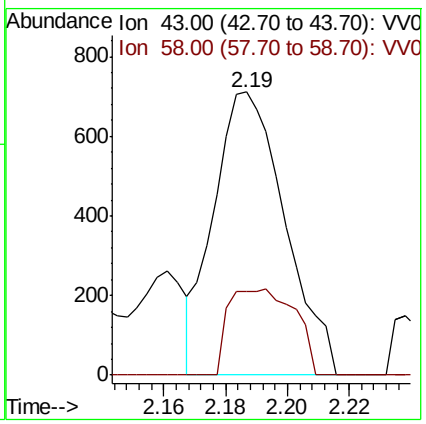


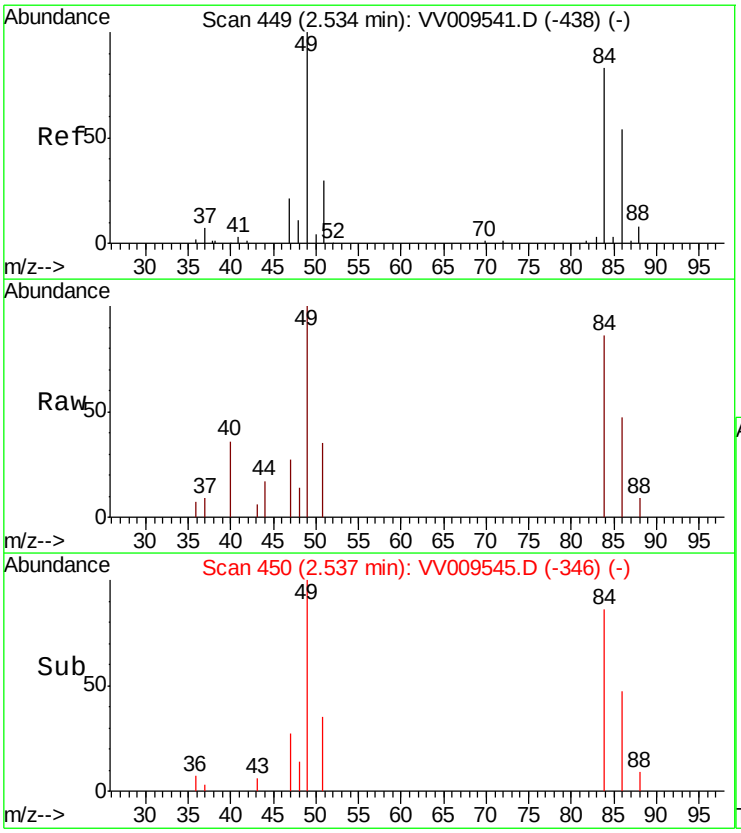
#13
Acetone
Concen: 1.744 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Instrument :
MSVOA_V
ClientSampleId :
VIBLK74

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
58	9.9	0.0	68.8

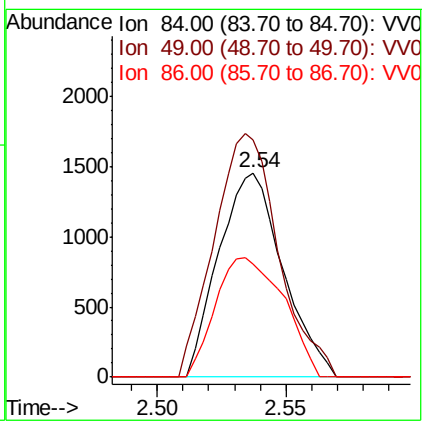


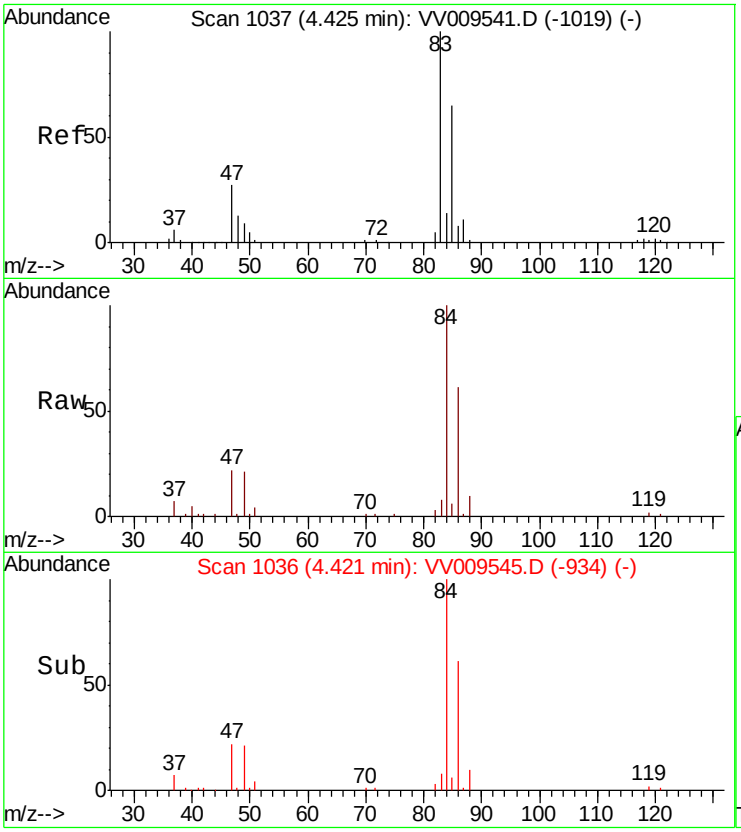


#16
Methylene chloride
Concen: 1.227 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Tgt Ion: 84 Resp: 2521

Ion	Ratio	Lower	Upper
84	100		
49	116.0	84.6	157.0
86	55.1	46.1	85.7



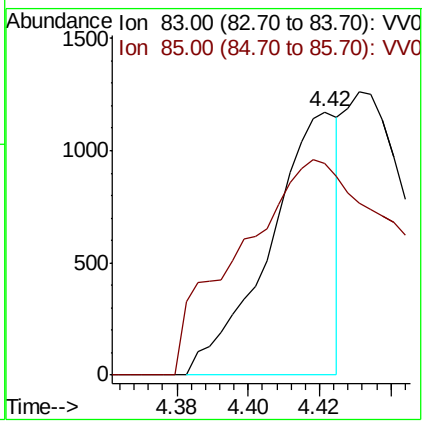


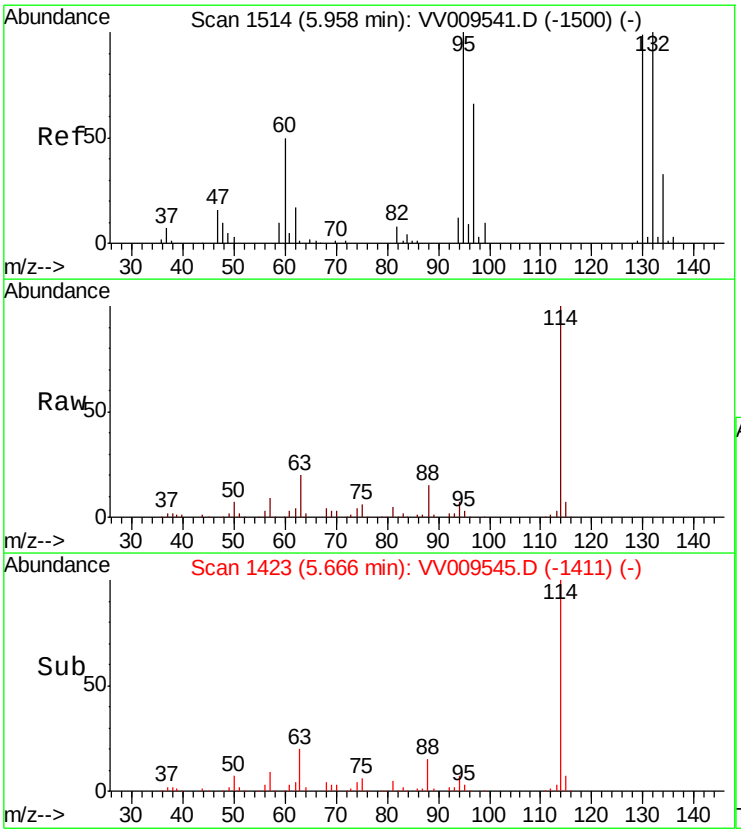
#25
Chloroform
Concen: 0.423 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Instrument : MSVOA_V
ClientSampleId : VIBLK74

Tgt Ion: 83 Resp: 1554

Ion	Ratio	Lower	Upper
83	100		
85	176.7	45.4	84.2#

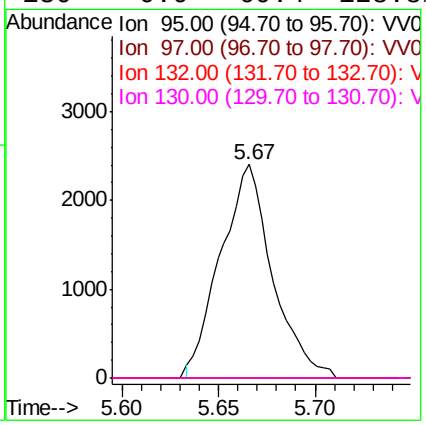


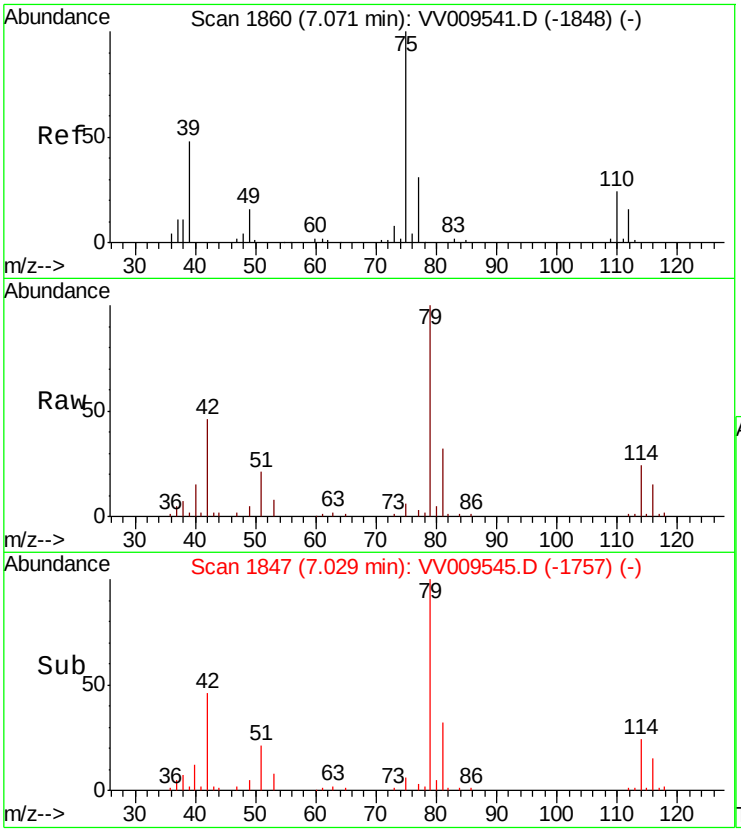


#35
Trichloroethene
Concen: 2.014 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Tgt Ion: 95 Resp: 4484

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



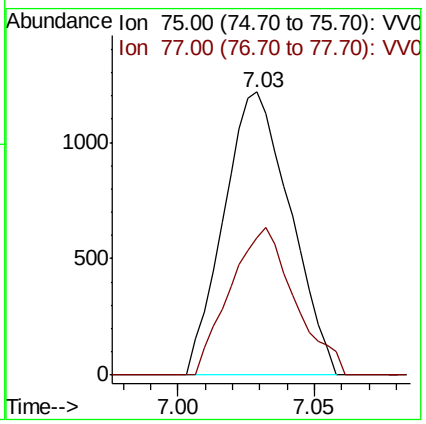


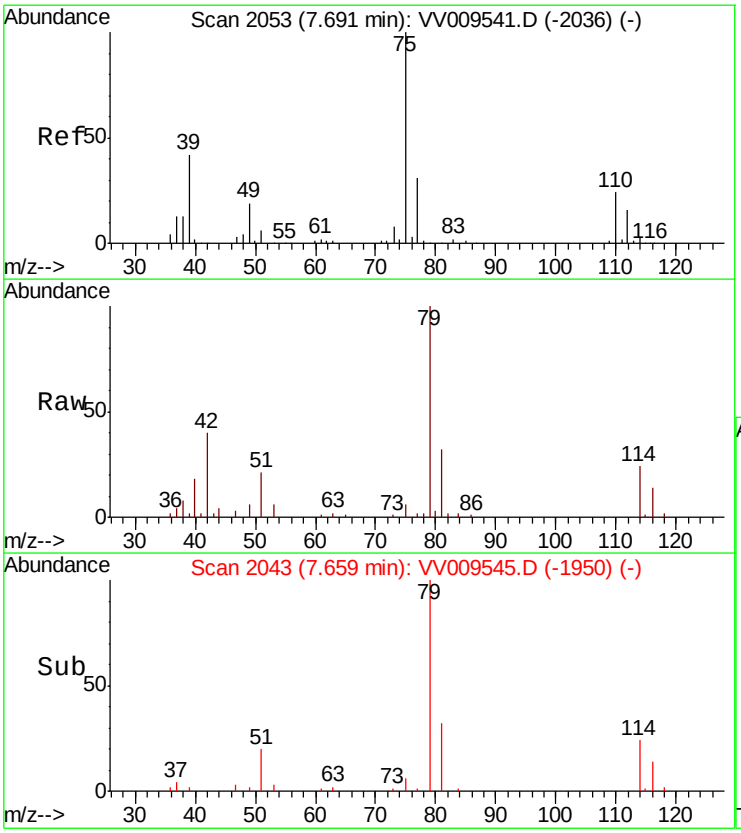
#42
cis-1,3-Dichloropropene
Concen: 0.664 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Instrument :
MSVOA_V
ClientSampleId :
VIBLK74

Tgt Ion: 75 Resp: 2058

Ion	Ratio	Lower	Upper
75	100		
77	48.5	21.4	39.8#





#45
trans-1,3-Dichloropropene
Concen: 0.468 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009545.D
Acq: 08 Mar 2019 18:05

Tgt Ion: 75 Resp: 1267

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.5	41.7