Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\

Quantitation Report (Not Reviewed)

Data File : VV009640.D
Acq On : 13 Mar 2019 17:26
Operator : SY/MD
Sample : K1789-13
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Mar 14 07:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146946	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142226	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60142	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49443	26.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.24%			
7) Chloroethane-d5	1.57	69	48722	21.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.08%			
10) 1,1-Dichloroethene-d2	2.13	63	99909	19.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.68%			
20) 2-Butanone-d5	3.93	46	29119	59.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.32%			
24) Chloroform-d	4.40	84	86380	23.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.24%			
26) 1,2-Dichloroethane-d4	5.08	65	59642	28.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.56%			
29) Benzene-d6	5.10	84	202112	27.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.36%			
33) 1,2-Dichloropropane-d6	6.12	67	60813	27.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.60%			
37) Toluene-d8	7.36	98	197523	27.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.44%			
38) trans-1,3-Dichloropropene-	7.66	79	25056	25.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.04%			
39) 2-Hexanone-d5	8.13	63	22982	57.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.50%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55637	26.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	62426	26.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.20%			

Target Compounds						Qvalue
13) Acetone	2.18	43	756	1.274	ug/L	80
16) Methylene chloride	2.53	84	2538	1.186	ug/L	96
25) Chloroform	4.42	83	13425	3.516	ug/L	96
35) Trichloroethene	5.66	95	4333	1.935	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2476	0.832	ug/L #	82
45) trans-1,3-Dichloropropene	7.67	75	1399	0.545	ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	8577	5.630	ug/L #	85

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

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Quant Time: Mar 14 07:40:19 2019
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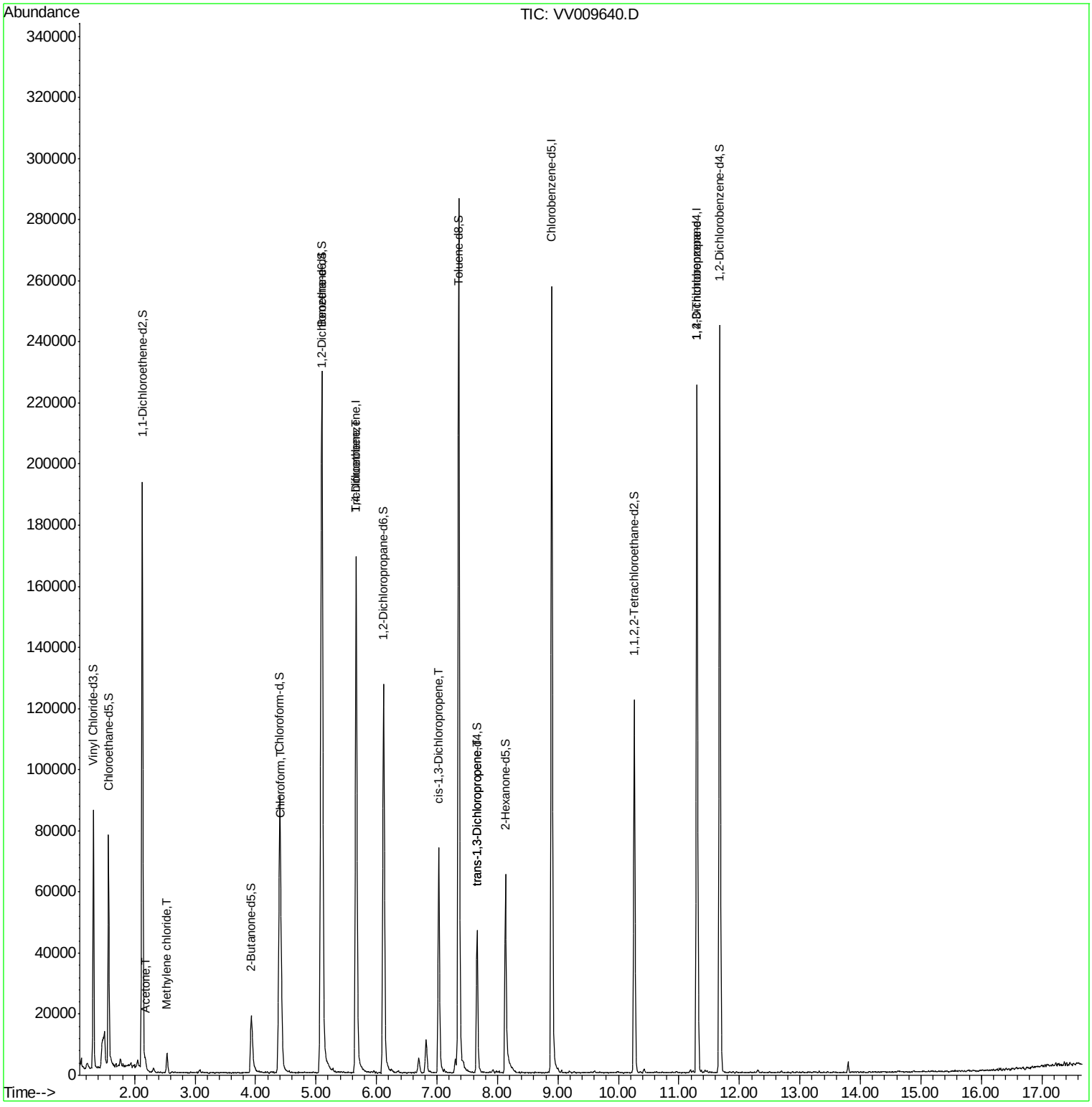
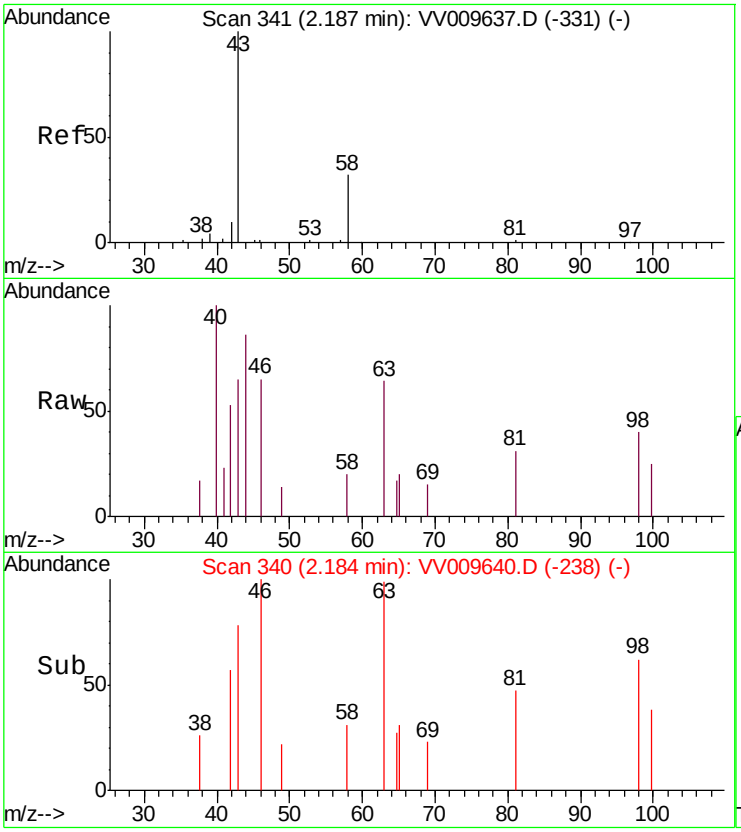
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration



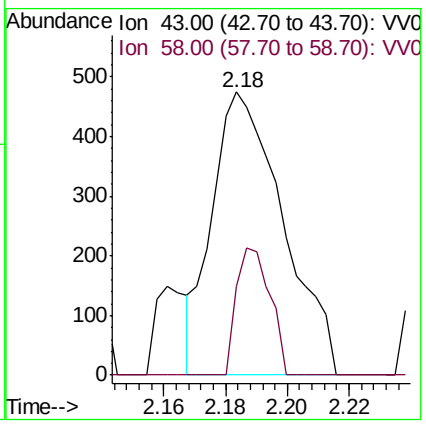


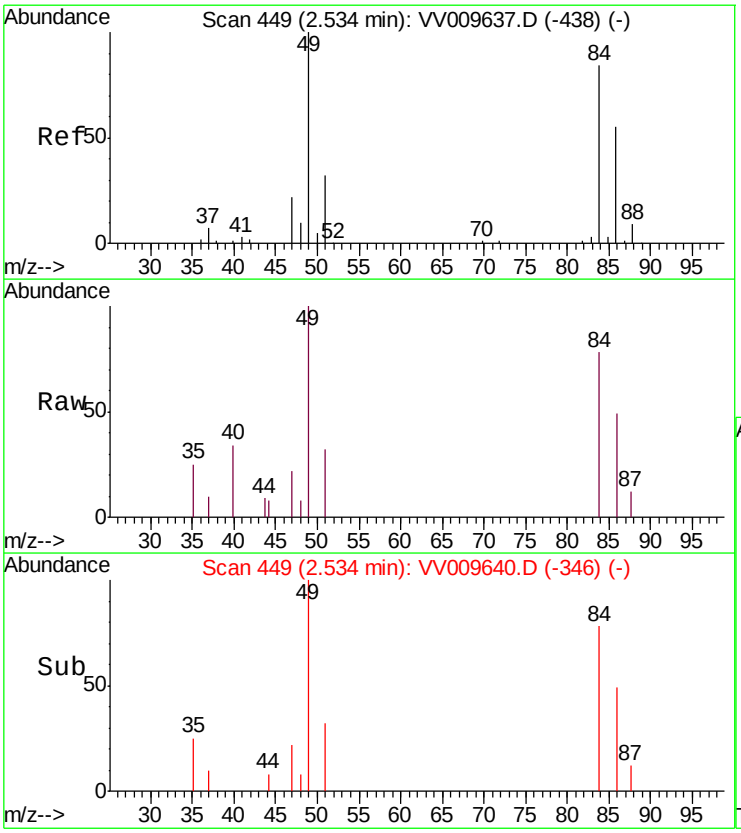
#13
Acetone
Concen: 1.274 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 756

Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	64.8

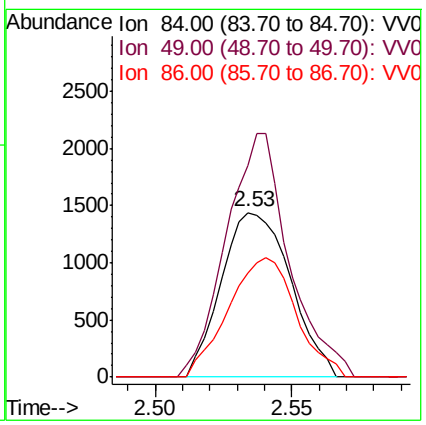


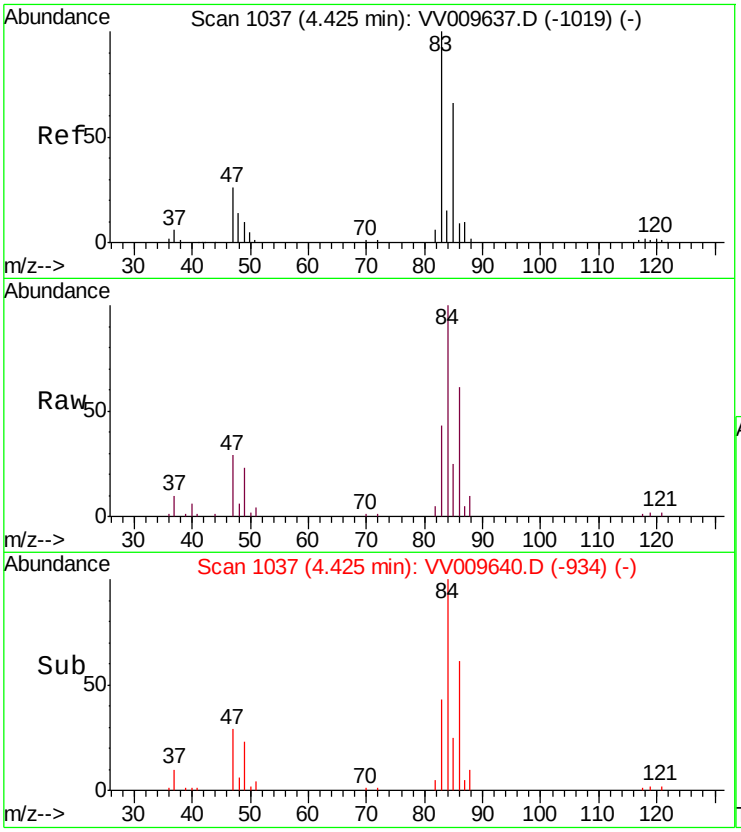


#16
Methylene chloride
Concen: 1.186 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 84 Resp: 2538

Ion	Ratio	Lower	Upper
84	100		
49	128.3	86.1	159.9
86	63.2	45.2	84.0



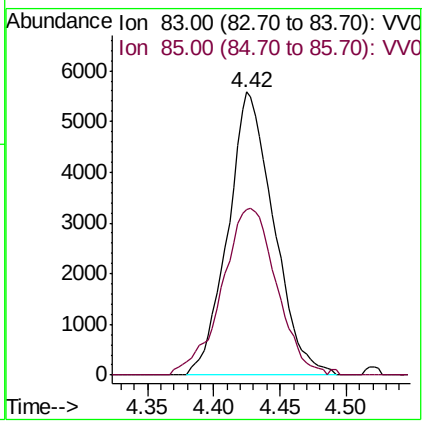


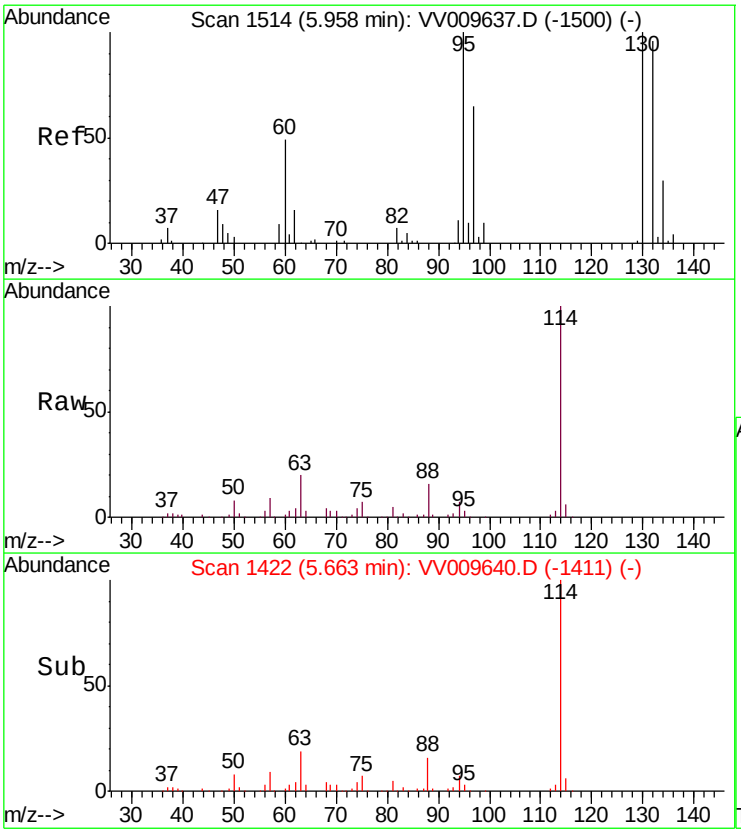
#25
Chloroform
Concen: 3.516 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 13425

Ion	Ratio	Lower	Upper
83	100		
85	69.8	46.4	86.2

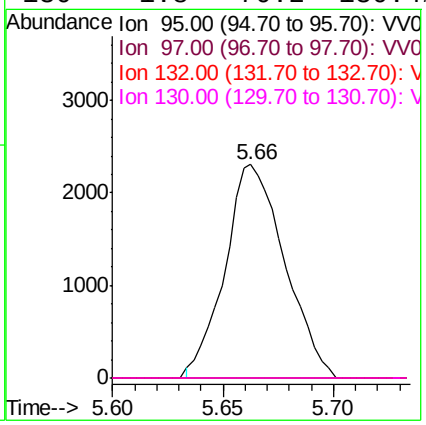


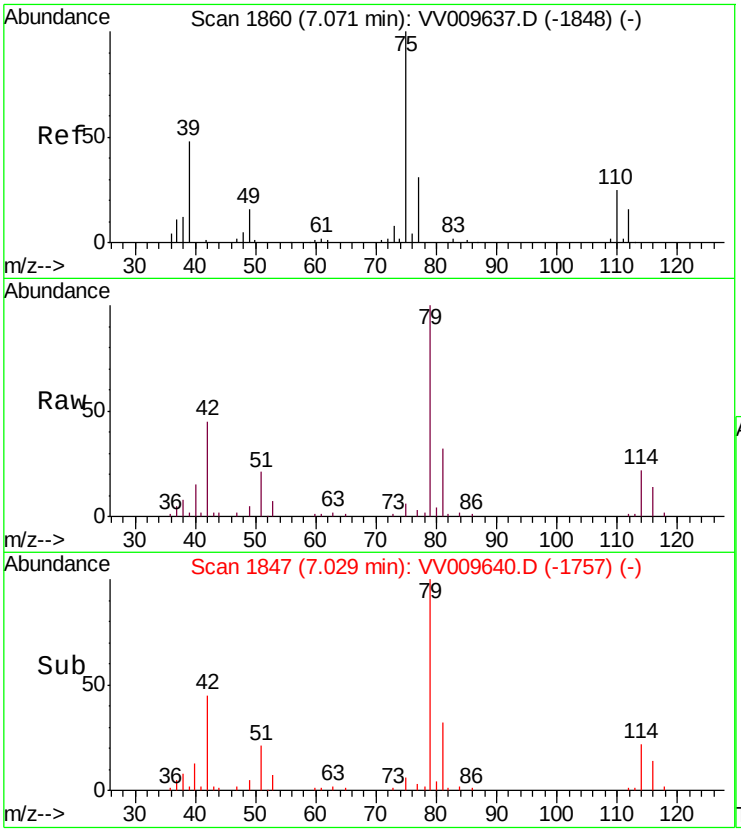


#35
Trichloroethene
Concen: 1.935 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 95 Resp: 4333

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.9	83.5#
132	0.0	66.4	123.2#
130	1.8	70.2	130.4#



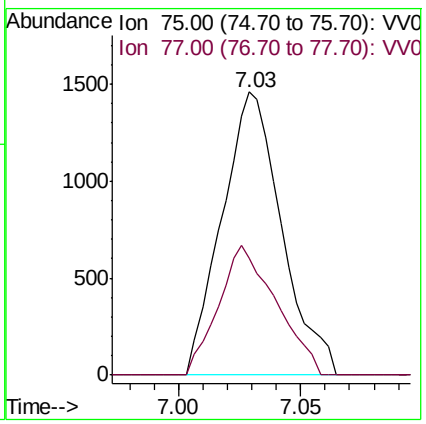


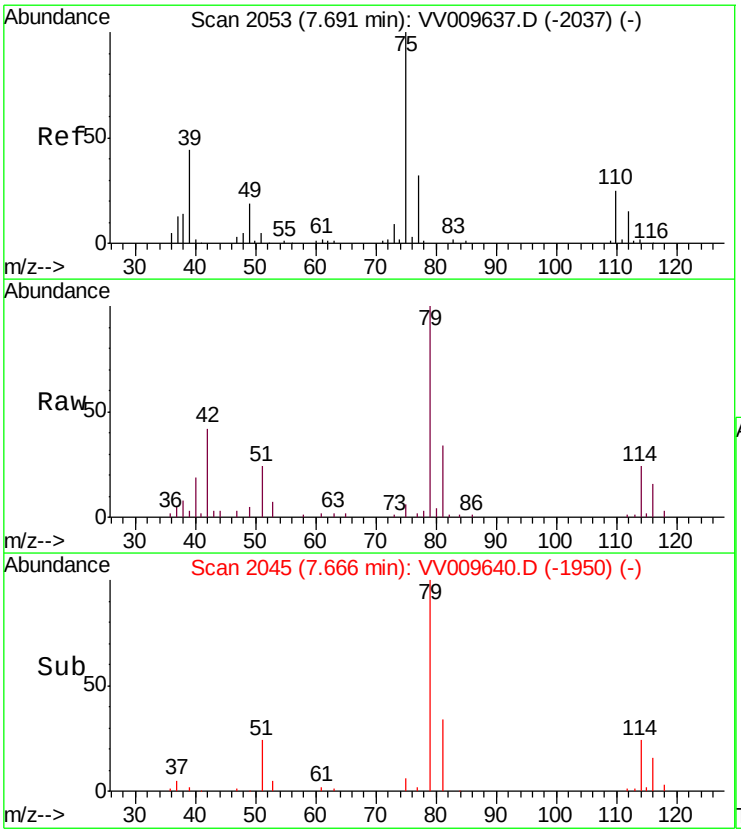
#42
cis-1,3-Dichloropropene
Concen: 0.832 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2476

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.0	40.8#

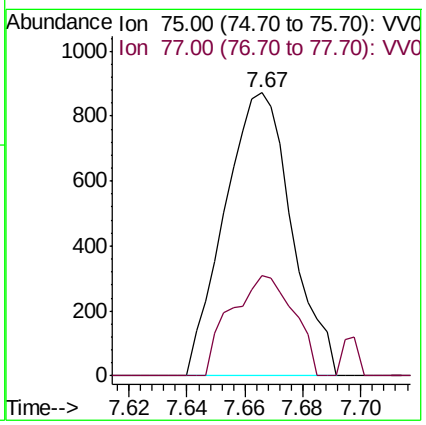


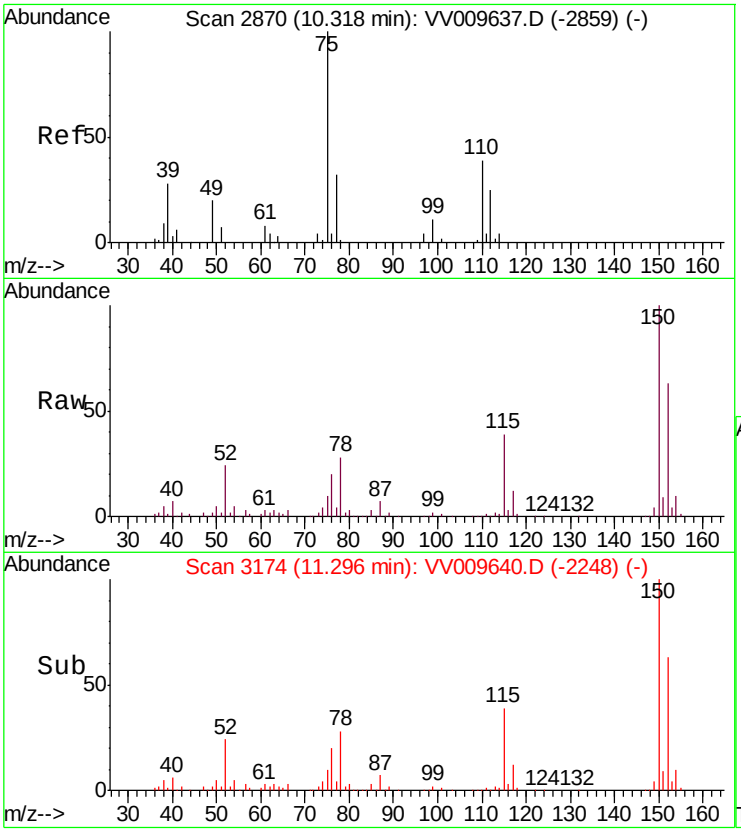


#45
trans-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Tgt Ion: 75 Resp: 1399

Ion	Ratio	Lower	Upper
75	100		
77	35.7	22.0	40.8





#59
1,2,3-Trichloropropane
Concen: 5.630 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009640.D
Acq: 13 Mar 2019 17:26

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 8577

Ion	Ratio	Lower	Upper
75	100		
77	40.1	25.3	37.9#