Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

Data File : VV009410.D
Acq On : 27 Feb 2019 20:29
Operator : SY/MD
Sample : K1622-09
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Feb 28 04:37:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180614	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77309	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45558	20.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.20%			
7) Chloroethane-d5	1.57	69	58214	19.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.80%			
10) 1,1-Dichloroethene-d2	2.13	63	94313	15.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.80%			
20) 2-Butanone-d5	3.95	46	31508	46.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.04%			
24) Chloroform-d	4.40	84	104262	23.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.08	65	63232	26.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.36%			
29) Benzene-d6	5.10	84	208451	22.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.80%			
33) 1,2-Dichloropropane-d6	6.12	67	66146	24.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.40%			
37) Toluene-d8	7.36	98	205534	23.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.36%			
38) trans-1,3-Dichloropropene-	7.67	79	30410	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.44%			
39) 2-Hexanone-d5	8.14	63	27915	49.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60381	23.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.92%			
61) 1,2-Dichlorobenzene-d4	11.67	152	72788	25.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.68%			

Target Compounds						Qvalue
13) Acetone	2.21	43	675	0.862	ug/L	59
16) Methylene chloride	2.54	84	9102	3.721	ug/L	97
35) Trichloroethene	5.67	95	4930	1.870	ug/L #	6
40) 1,2-Dichloropropane	6.12	63	7110	3.005	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2688	0.715	ug/L #	78
45) trans-1,3-Dichloropropene	7.66	75	1691	0.496	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	10984	5.803	ug/L	91

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

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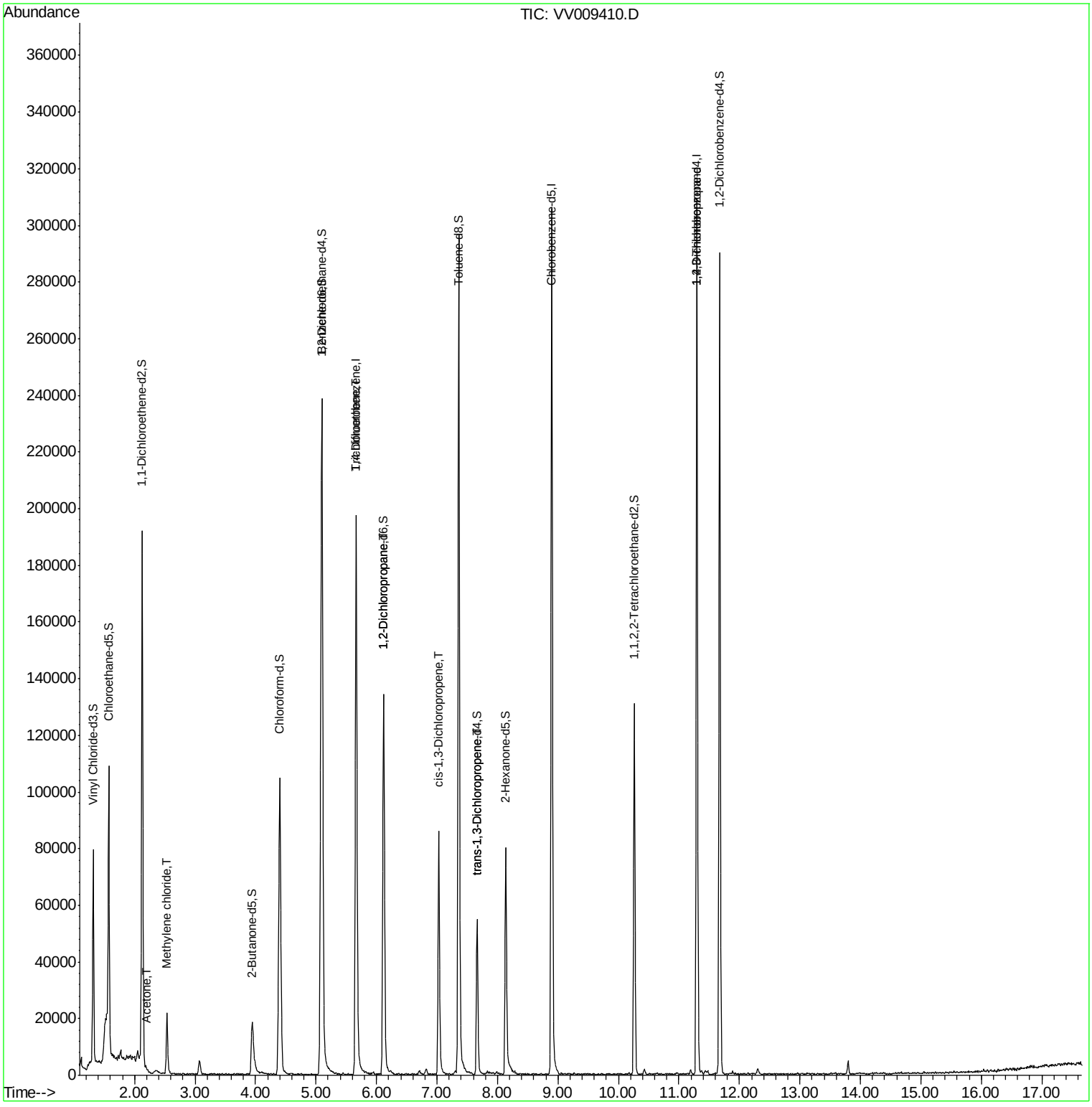
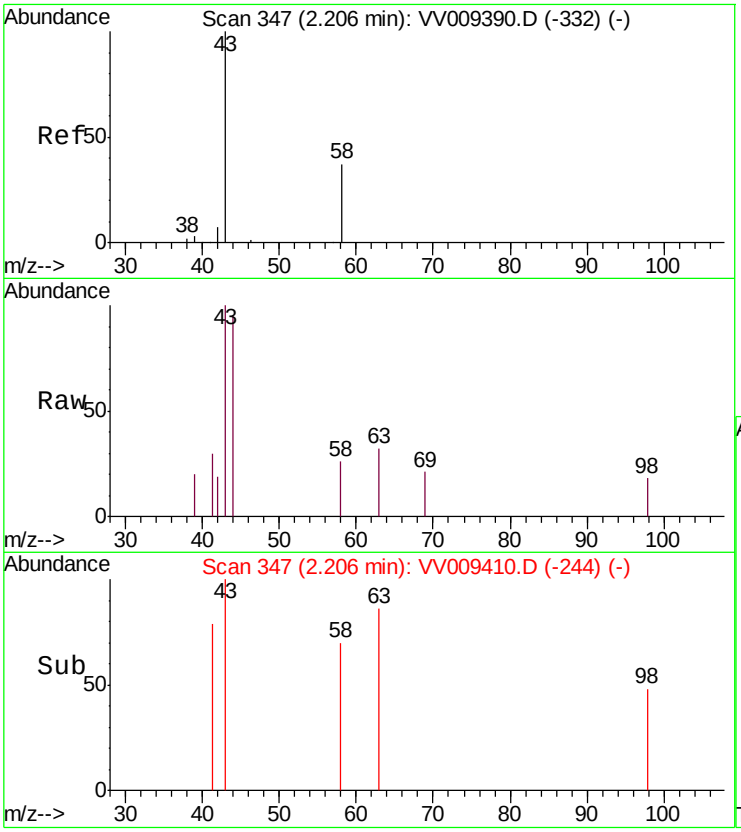
Quant Time: Feb 28 04:37:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration



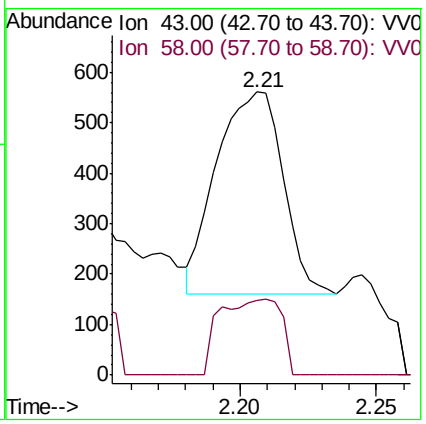


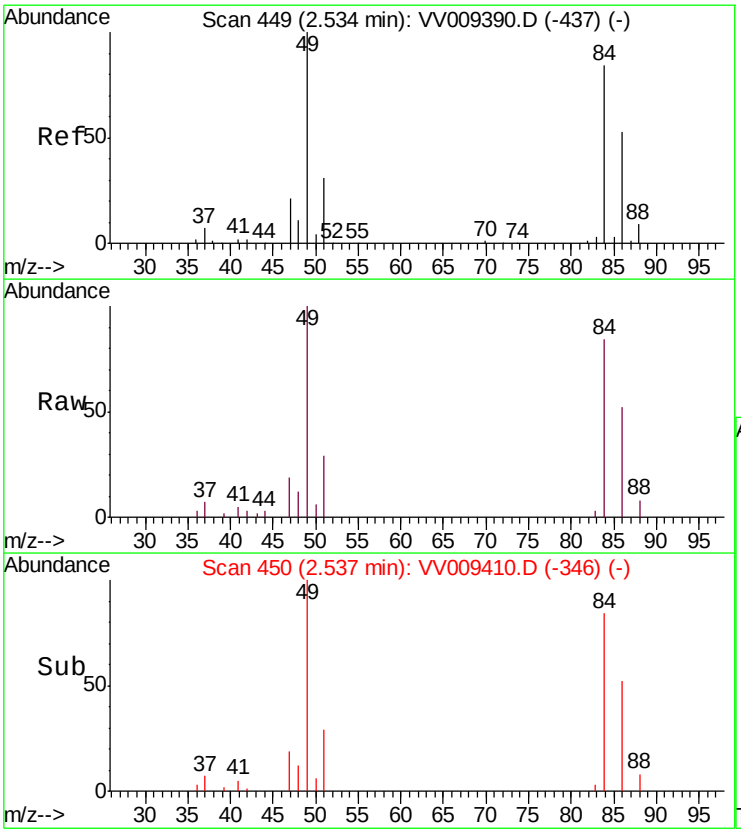
#13
Acetone
Concen: 0.862 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.00 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 675

Ion	Ratio	Lower	Upper
43	100		
58	11.0	0.0	68.8

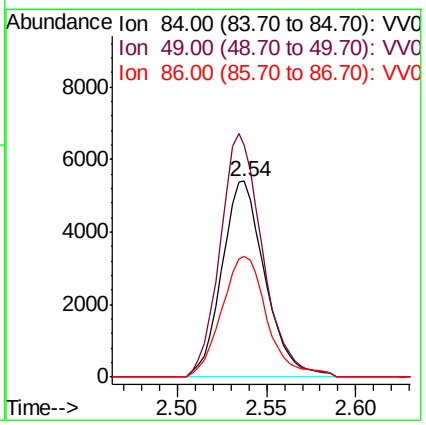


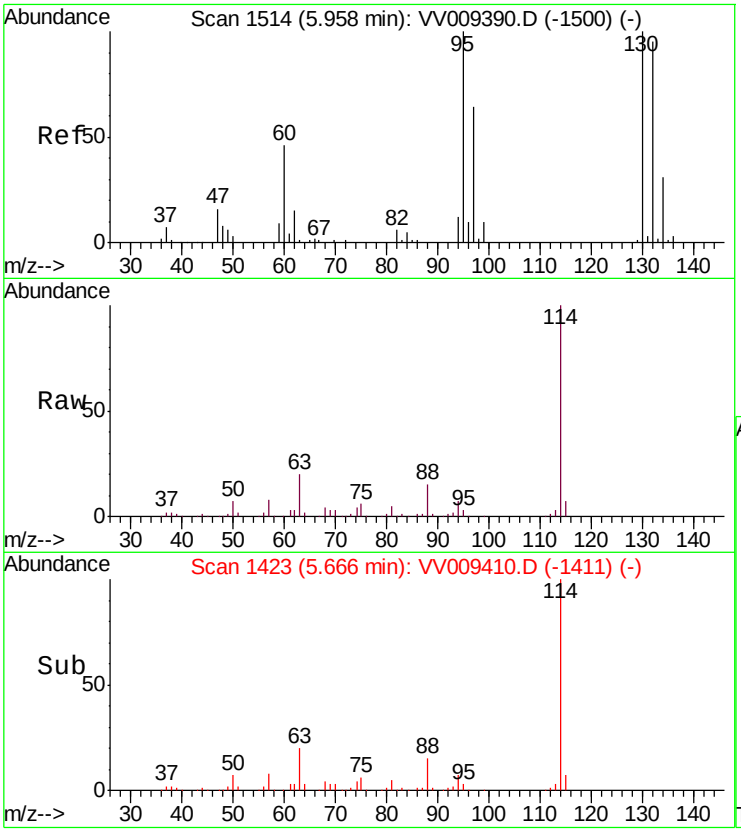


#16
Methylene chloride
Concen: 3.721 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Tgt Ion: 84 Resp: 9102

Ion	Ratio	Lower	Upper
84	100		
49	118.6	84.6	157.0
86	61.9	46.1	85.7



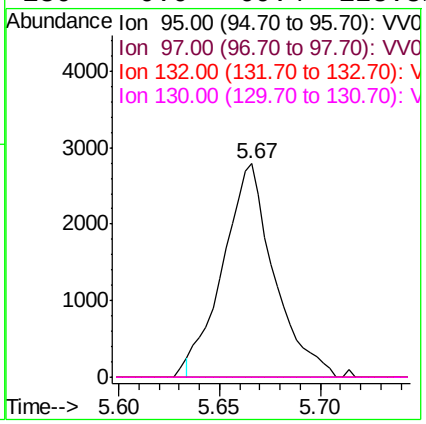


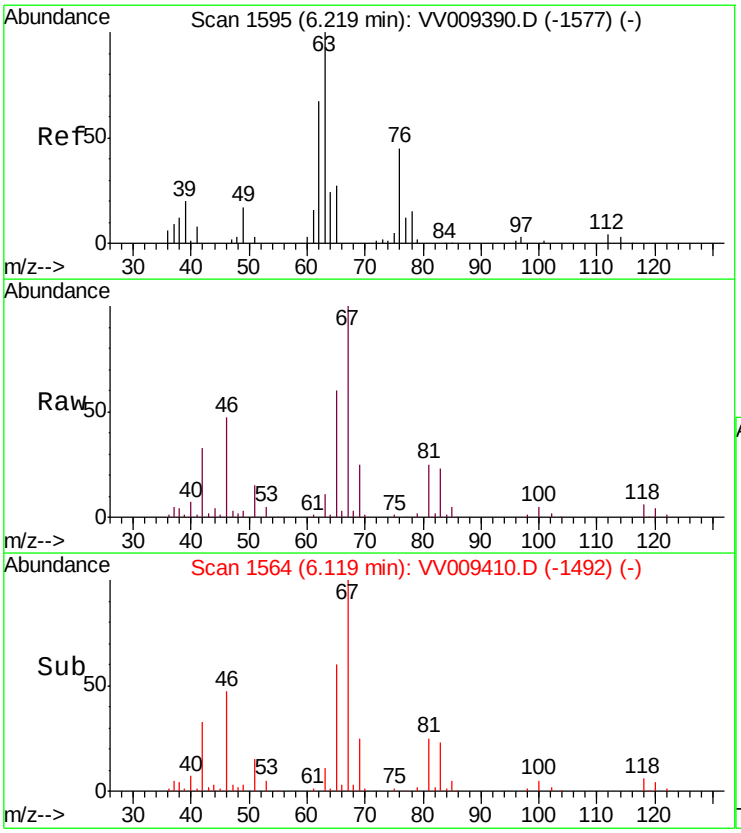
#35
Trichloroethene
Concen: 1.870 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 95 Resp: 4930

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#

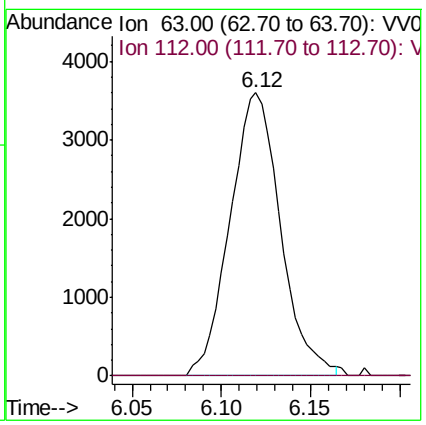


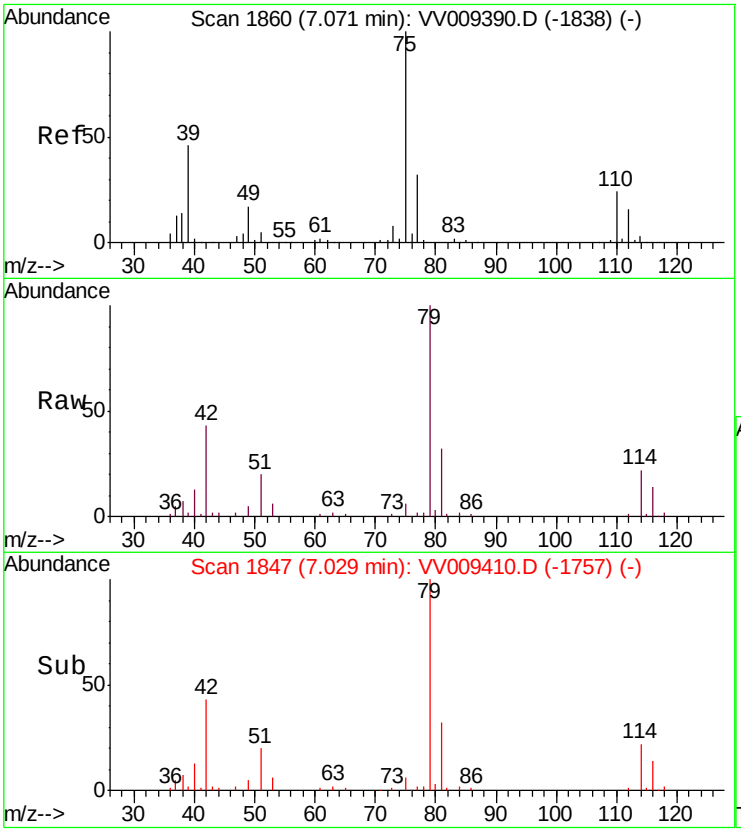


#40
1,2-Dichloropropane
Concen: 3.005 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Tgt Ion: 63 Resp: 7110

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



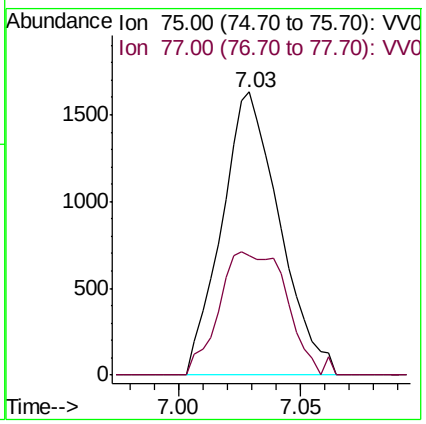


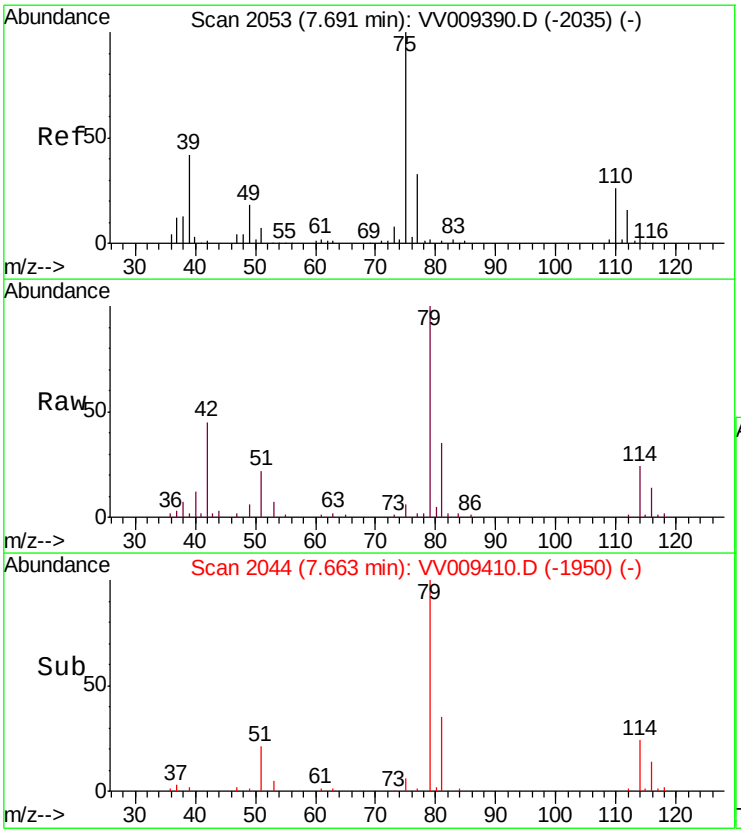
#42
cis-1,3-Dichloropropene
Concen: 0.715 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2688

Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.4	39.8#

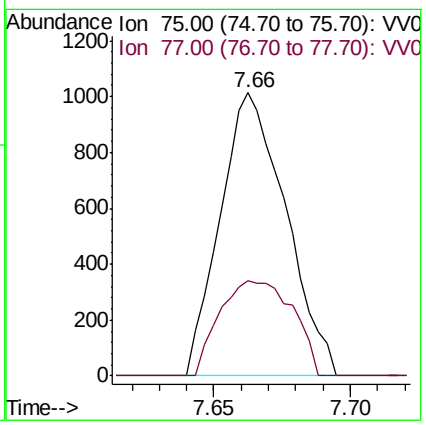


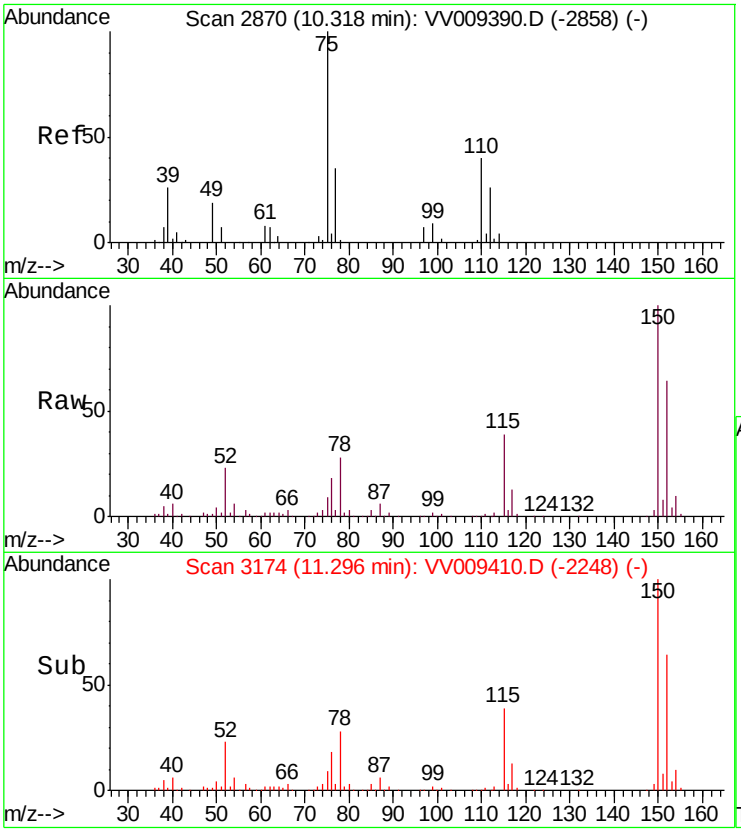


#45
trans-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Tgt Ion: 75 Resp: 1691

Ion	Ratio	Lower	Upper
75	100		
77	33.5	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 5.803 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009410.D
Acq: 27 Feb 2019 20:29

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 10984

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.9	38.9