Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\

Quantitation Report (Not Reviewed)

Data File : VV009331.D
Acq On : 22 Feb 2019 16:21
Operator : SY/MD
Sample : K1543-18
Misc : 5.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

Quant Time: Feb 23 00:40:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121491	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53271	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39113	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.80%			
7) Chloroethane-d5	1.58	69	54559	28.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.12%			
10) 1,1-Dichloroethene-d2	2.13	63	76886	19.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.40%			
20) 2-Butanone-d5	3.95	46	19736	34.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.78%			
24) Chloroform-d	4.40	84	60094	21.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.20%			
26) 1,2-Dichloroethane-d4	5.08	65	32259	21.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.36%			
29) Benzene-d6	5.10	84	130020	23.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.44%			
33) 1,2-Dichloropropane-d6	6.12	67	39064	23.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.36%			
37) Toluene-d8	7.36	98	122384	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.44%			
38) trans-1,3-Dichloropropene-	7.67	79	17314	20.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.48%			
39) 2-Hexanone-d5	8.14	63	16826	36.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35471	19.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.40%			
61) 1,2-Dichlorobenzene-d4	11.68	152	43024	21.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.96%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	834	0.468	ug/L #	1
13) Acetone	2.21	43	420	0.760	ug/L	45
16) Methylene chloride	2.54	84	2144	1.167	ug/L	96
27) 1,2-Dichloroethane	5.10	62	723	0.376	ug/L #	72
35) Trichloroethene	5.66	95	3414	2.001	ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	1295	0.513	ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	6944	5.181	ug/L	91

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

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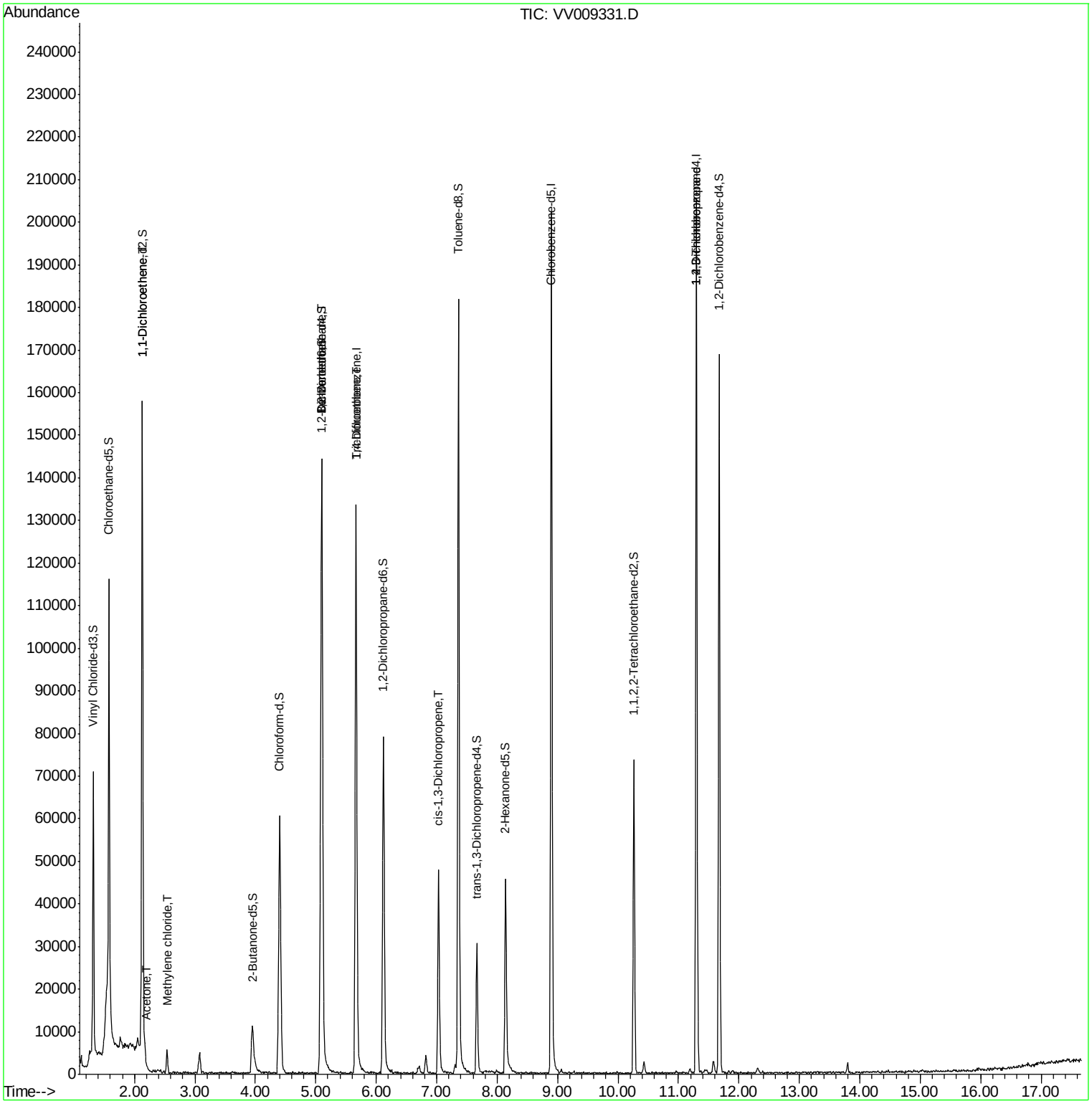
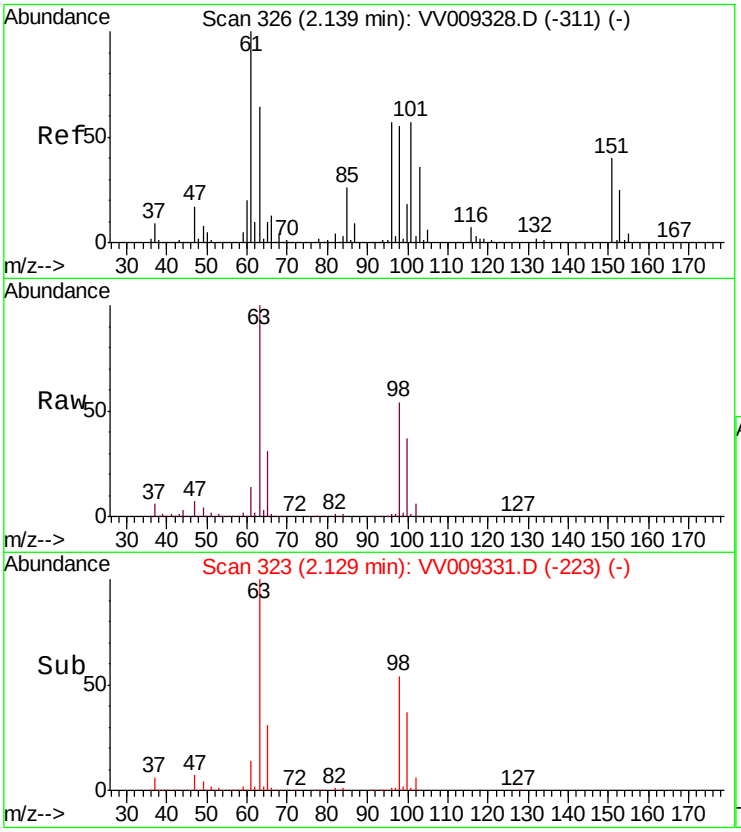
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration



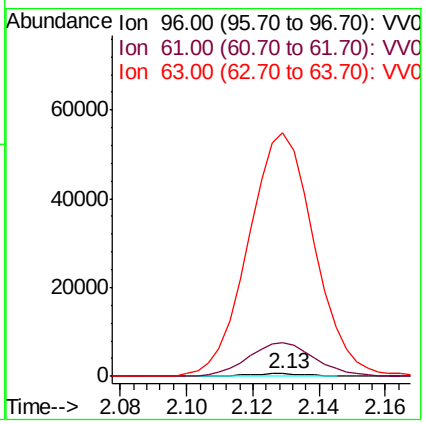


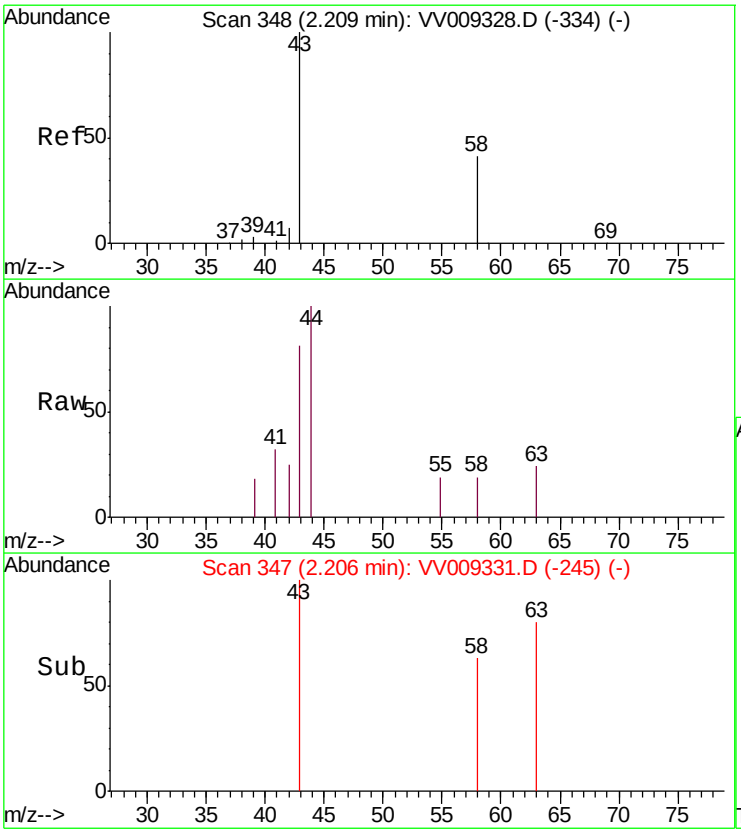
#12
1,1-Dichloroethene
Concen: 0.468 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 96 Resp: 834

Ion	Ratio	Lower	Upper
96	100		
61	1373.7	123.3	228.9#
63	10100.9	88.4	164.2#

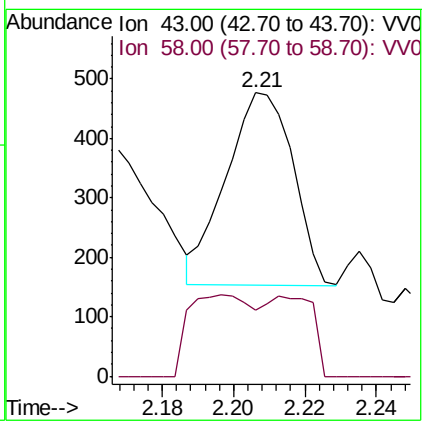


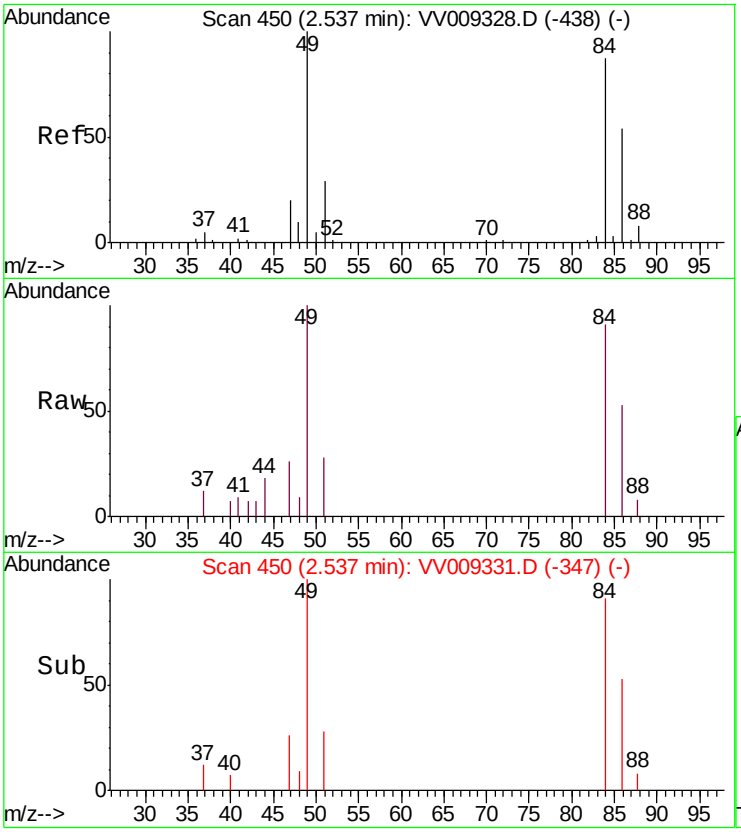


#13
Acetone
Concen: 0.760 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Tgt Ion: 43 Resp: 420

Ion	Ratio	Lower	Upper
43	100		
58	3.8	0.0	72.0



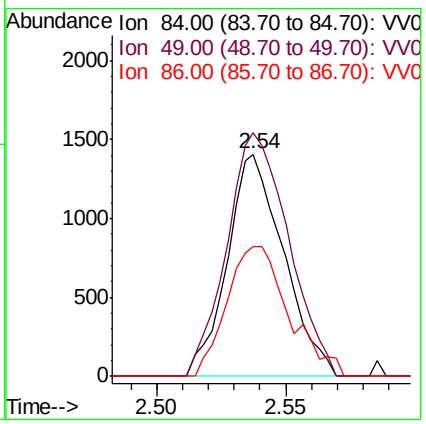


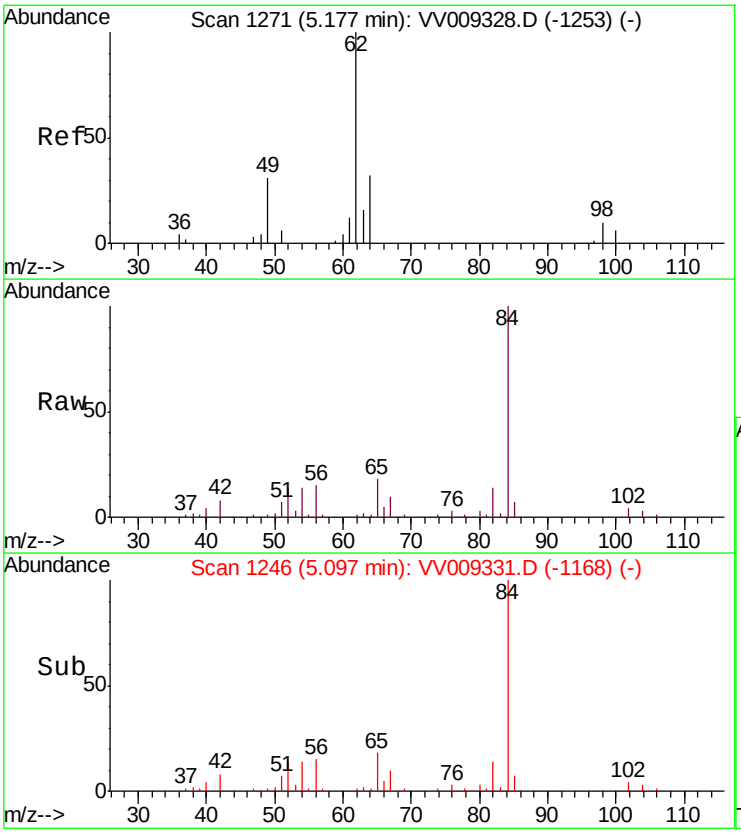
#16
Methylene chloride
Concen: 1.167 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 84 Resp: 2144

Ion	Ratio	Lower	Upper
84	100		
49	109.7	78.7	146.1
86	58.4	44.0	81.6

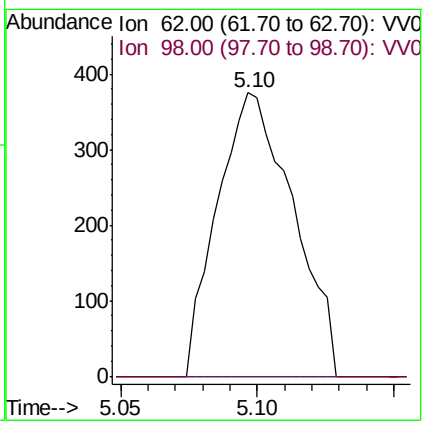


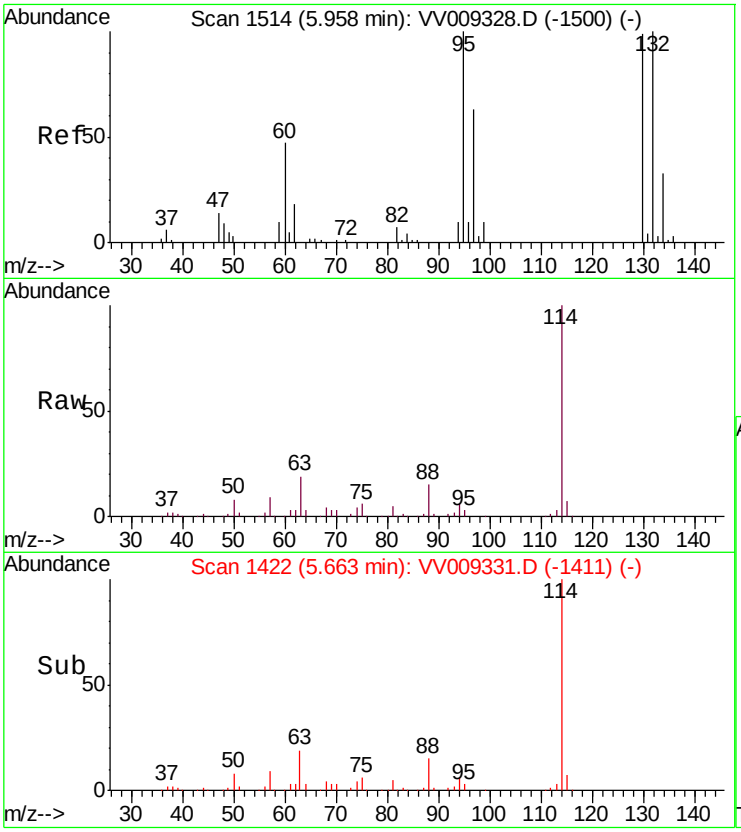


#27
1,2-Dichloroethane
Concen: 0.376 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Tgt Ion: 62 Resp: 723

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.5	12.7#



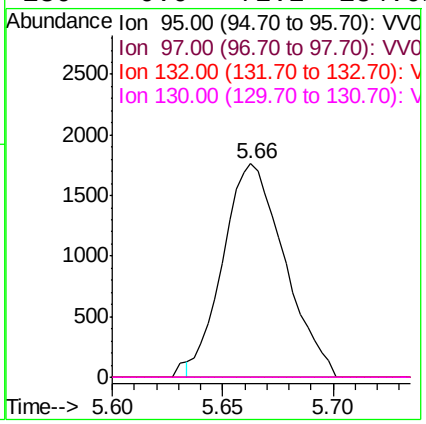


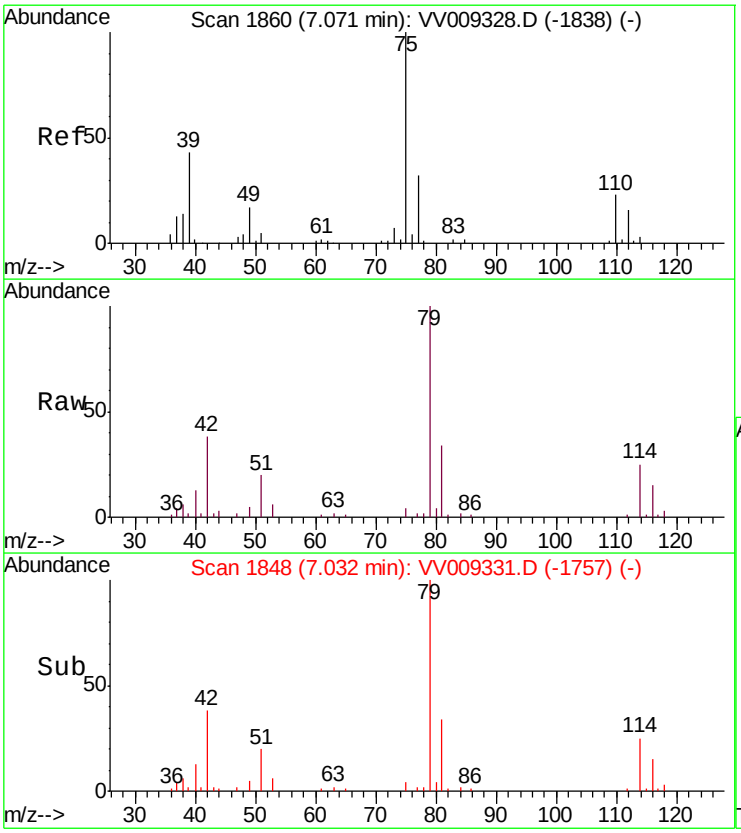
#35
Trichloroethene
Concen: 2.001 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 95 Resp: 3414

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	68.7	127.5#
130	0.0	72.2	134.0#

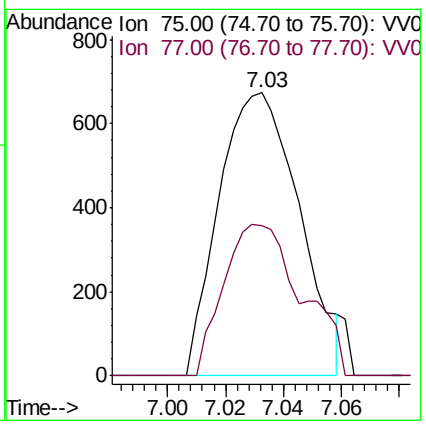


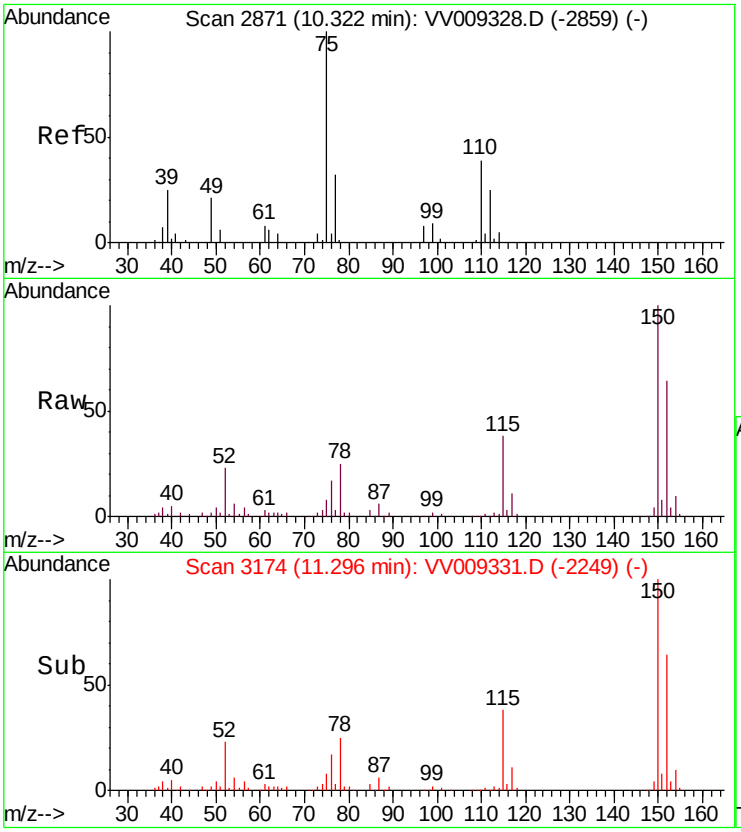


#42
cis-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Tgt Ion: 75 Resp: 1295

Ion	Ratio	Lower	Upper
75	100		
77	53.3	22.0	40.8#





#59
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009331.D
Acq: 22 Feb 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 6944

Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.3	39.5