Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

Quantitation Report (Not Reviewed)

Data File : VV008961.D
Acq On : 15 Dec 2018 03:51
Operator : SY/MD
Sample : J6369-15
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L99

Quant Time: Dec 15 04:43:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200964	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78627	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46983	40.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.06%			
7) Chloroethane-d5	1.56	69	36528	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.92%			
11) 1,1-Dichloroethene-d2	2.13	63	94865	34.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.46%			
21) 2-Butanone-d5	3.93	46	87059	111.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.10%			
24) Chloroform-d	4.41	84	116697	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.09	65	79850	50.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.12%			
32) Benzene-d6	5.10	84	236238	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.94%			
36) 1,2-Dichloropropane-d6	6.12	67	72475	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.94%			
41) Toluene-d8	7.36	98	217244	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.02%			
43) trans-1,3-Dichloropropene-	7.67	79	34539	45.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.08%			
47) 2-Hexanone-d5	8.14	63	54163	97.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.86%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91151	47.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.42%			
64) 1,2-Dichlorobenzene-d4	11.68	152	79235	48.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.72%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	853	0.381	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	853	0.622	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	890	0.713	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	8298	6.305	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1909	0.910	ug/L #	47
44) trans-1,3-Dichloropropene	7.67	75	1288	0.658	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	7566	4.565	ug/L #	82

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

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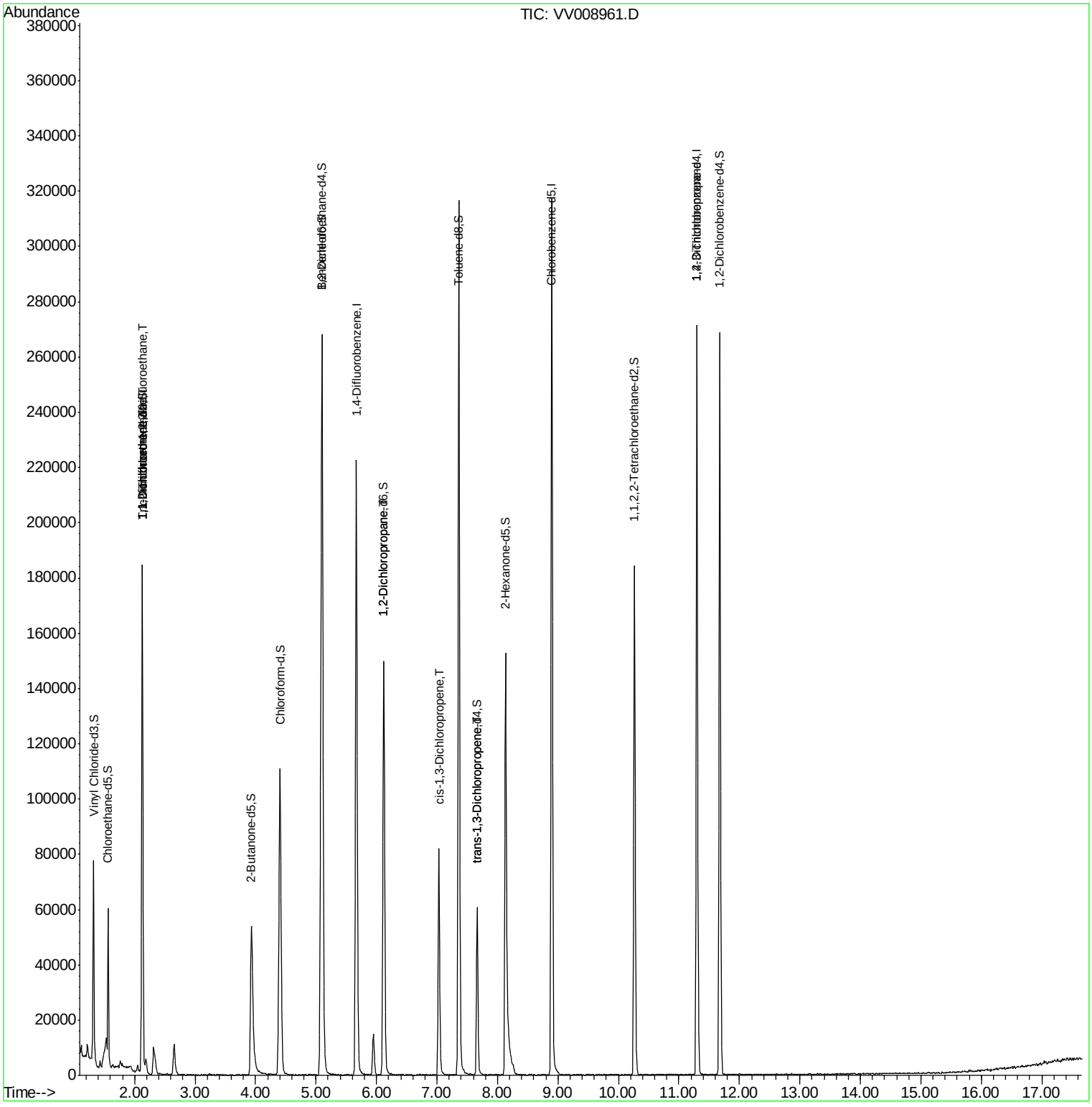
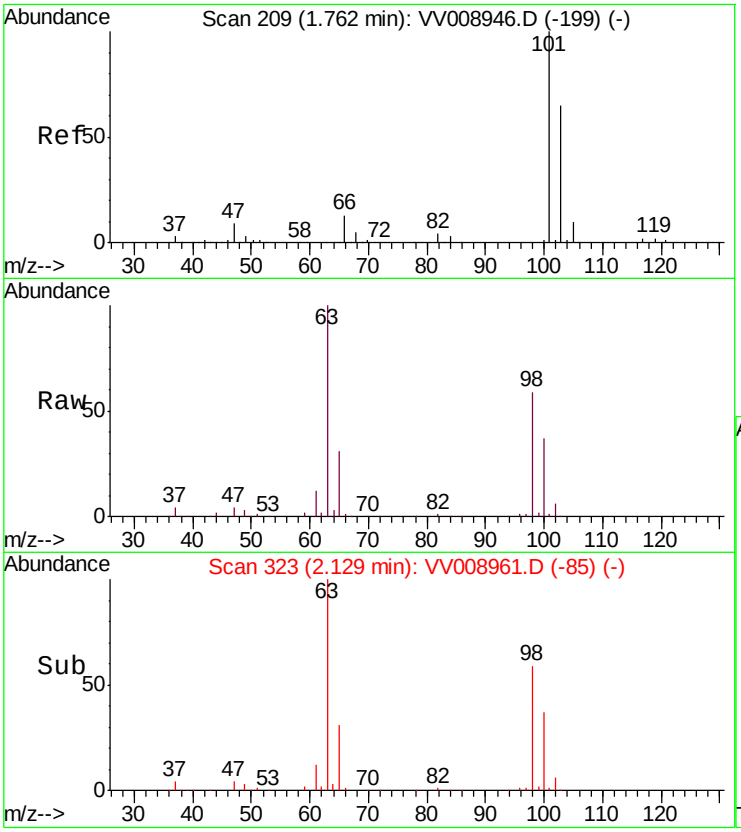
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration



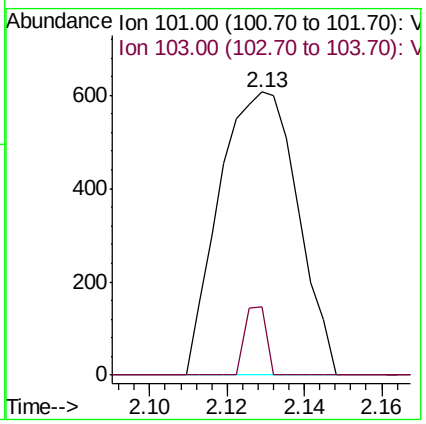


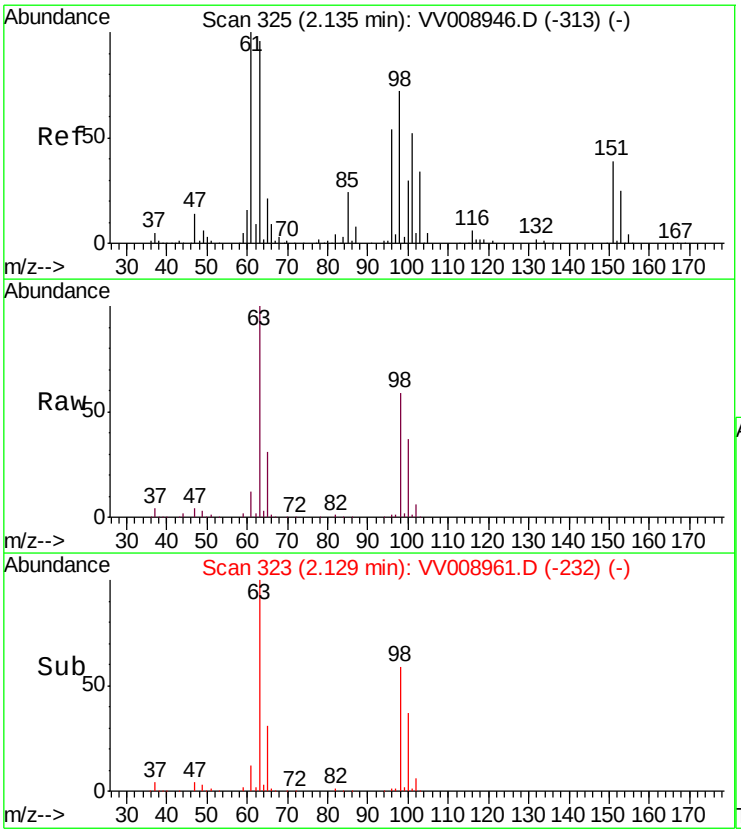
#9
Trichlorofluoromethane
Concen: 0.381 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Instrument :
MSVOA_V
ClientSampleId :
C0L99

Tgt Ion:101 Resp: 853

Ion	Ratio	Lower	Upper
101	100		
103	6.6	51.5	77.3#

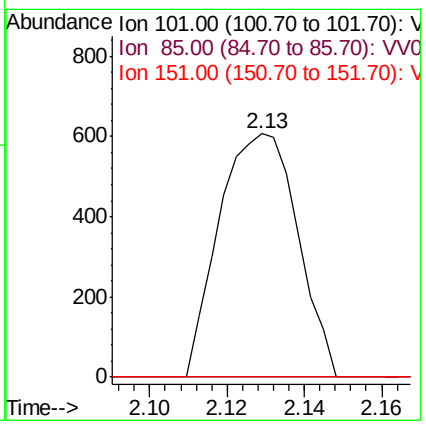


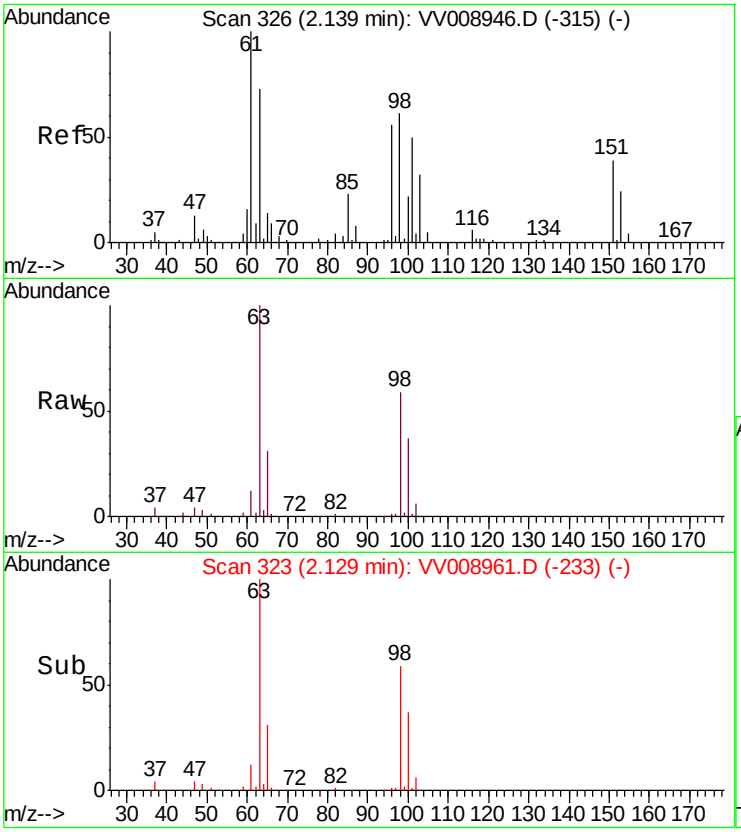


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.622 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Tgt Ion:101 Resp: 853

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.8	95.8#



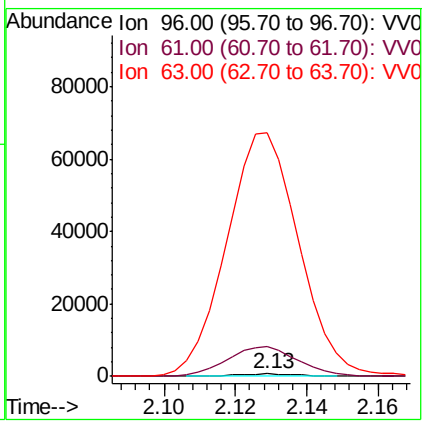


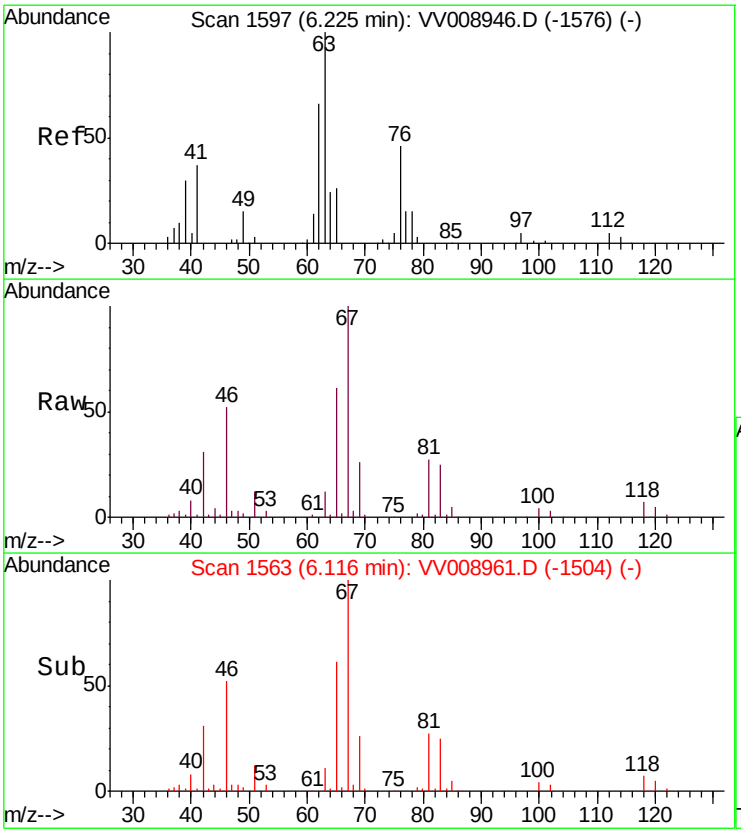
#12
1,1-Dichloroethene
Concen: 0.713 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Instrument : MSVOA_V
ClientSampleId : C0L99

Tgt Ion: 96 Resp: 890

Ion	Ratio	Lower	Upper
96	100		
61	1236.4	119.1	221.3#
63	10238.1	96.0	178.2#

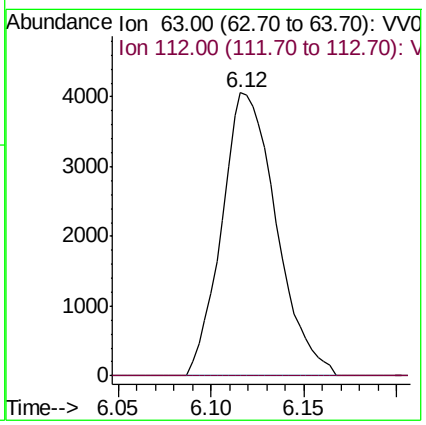


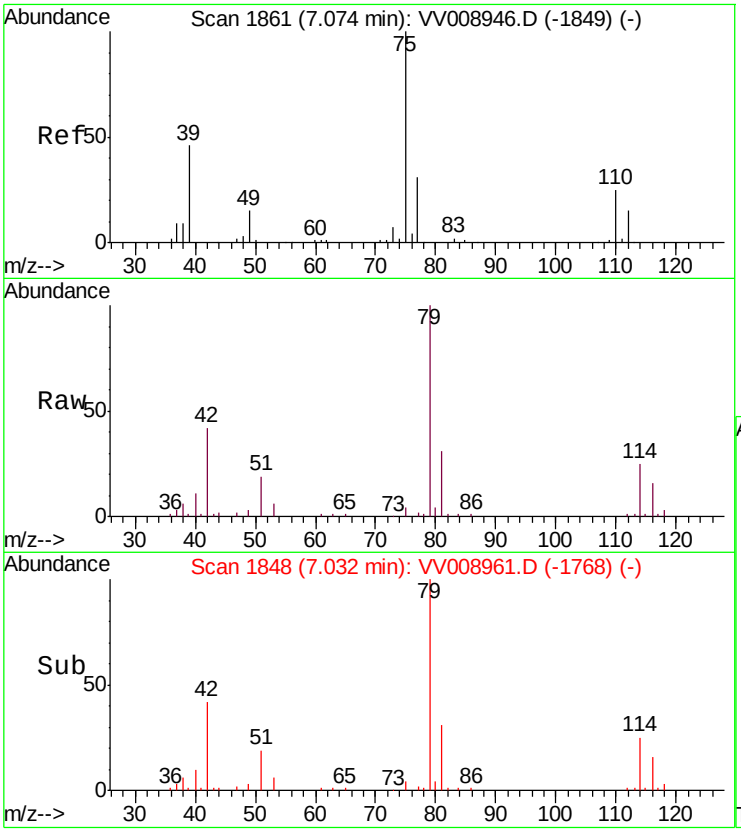


#37
1,2-Dichloropropane
Concen: 6.305 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Tgt Ion: 63 Resp: 8298

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



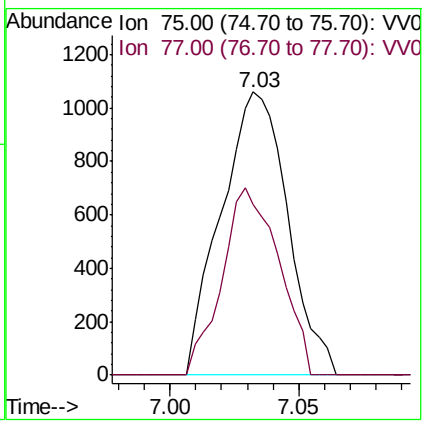


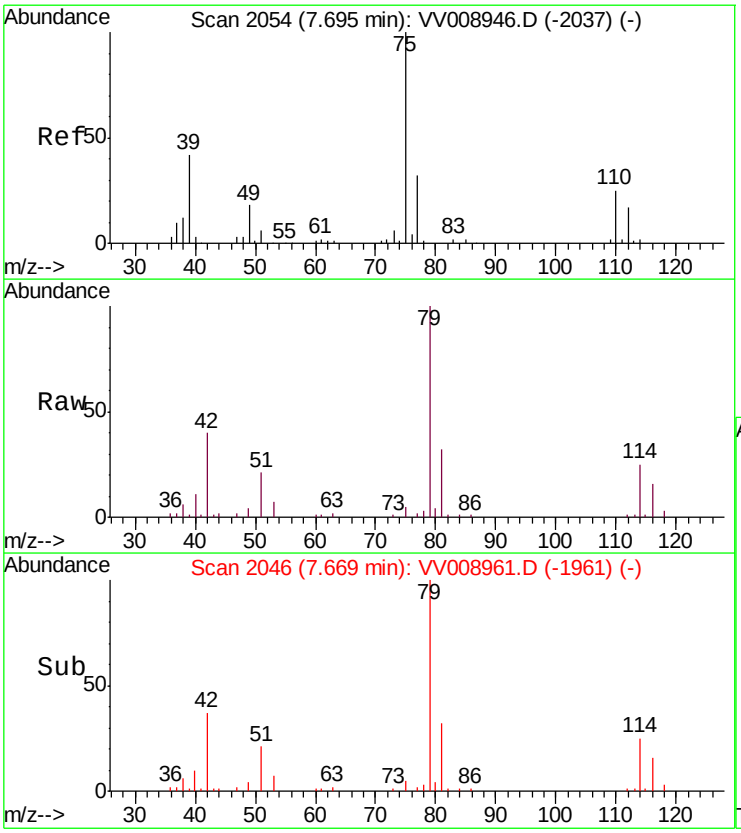
#39
cis-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Instrument :
MSVOA_V
ClientSampleId :
C0L99

Tgt Ion: 75 Resp: 1909

Ion	Ratio	Lower	Upper
75	100		
77	60.3	21.8	40.4#

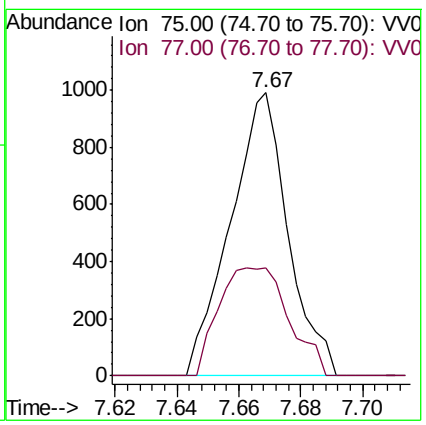


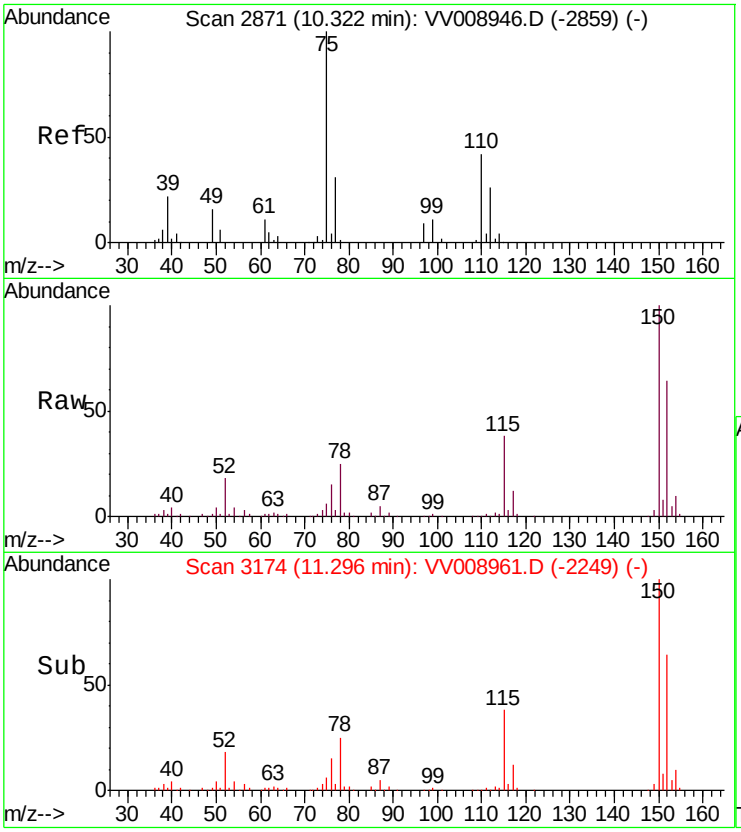


#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Tgt Ion: 75 Resp: 1288

Ion	Ratio	Lower	Upper
75	100		
77	38.1	21.6	40.2





#59
1,2,3-Trichloropropane
Concen: 4.565 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008961.D
Acq: 15 Dec 2018 03:51

Instrument :
MSVOA_V
ClientSampleId :
C0L99

Tgt Ion: 75 Resp: 7566

Ion	Ratio	Lower	Upper
75	100		
77	42.4	25.8	38.8#