Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\

Quantitation Report (Not Reviewed)

Data File : VV008916.D
Acq On : 13 Dec 2018 18:13
Operator : SY/MD
Sample : J6367-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L42

Quant Time: Dec 14 01:14:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	204942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78139	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57154	47.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.50%			
7) Chloroethane-d5	1.56	69	42406	56.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.60%			
11) 1,1-Dichloroethene-d2	2.13	63	110482	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.18%			
21) 2-Butanone-d5	3.93	46	83633	104.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.66%			
24) Chloroform-d	4.41	84	125914	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
26) 1,2-Dichloroethane-d4	5.08	65	83363	51.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.50%			
32) Benzene-d6	5.10	84	262007	51.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.32%			
36) 1,2-Dichloropropane-d6	6.12	67	78542	51.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.08%			
41) Toluene-d8	7.36	98	239749	50.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.72%			
43) trans-1,3-Dichloropropene-	7.67	79	37987	49.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.30%			
47) 2-Hexanone-d5	8.13	63	55588	98.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.55%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96486	49.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.08%			
64) 1,2-Dichlorobenzene-d4	11.68	152	83726	51.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.90%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	923	0.404	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	923	0.660	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	3025	2.377	ug/L #	1
13) Acetone	2.19	43	3599	2.995	ug/L	99
15) Methyl Acetate	2.32	43	1894	1.456	ug/L #	49
20) cis-1,2-Dichloroethene	3.96	96	2994	2.027	ug/L	97
27) 1,2-Dichloroethane	5.11	62	1272	0.646	ug/L #	74
30) 1,1,1-Trichloroethane	4.66	97	1111	0.482	ug/L #	78
37) 1,2-Dichloropropane	6.12	63	8954	6.676	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2355	1.101	ug/L #	50
44) trans-1,3-Dichloropropene	7.67	75	1531	0.768	ug/L #	76
58) 1,1,2,2-Tetrachloroethane	10.26	83	823	0.413	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8028	4.753	ug/L #	82

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

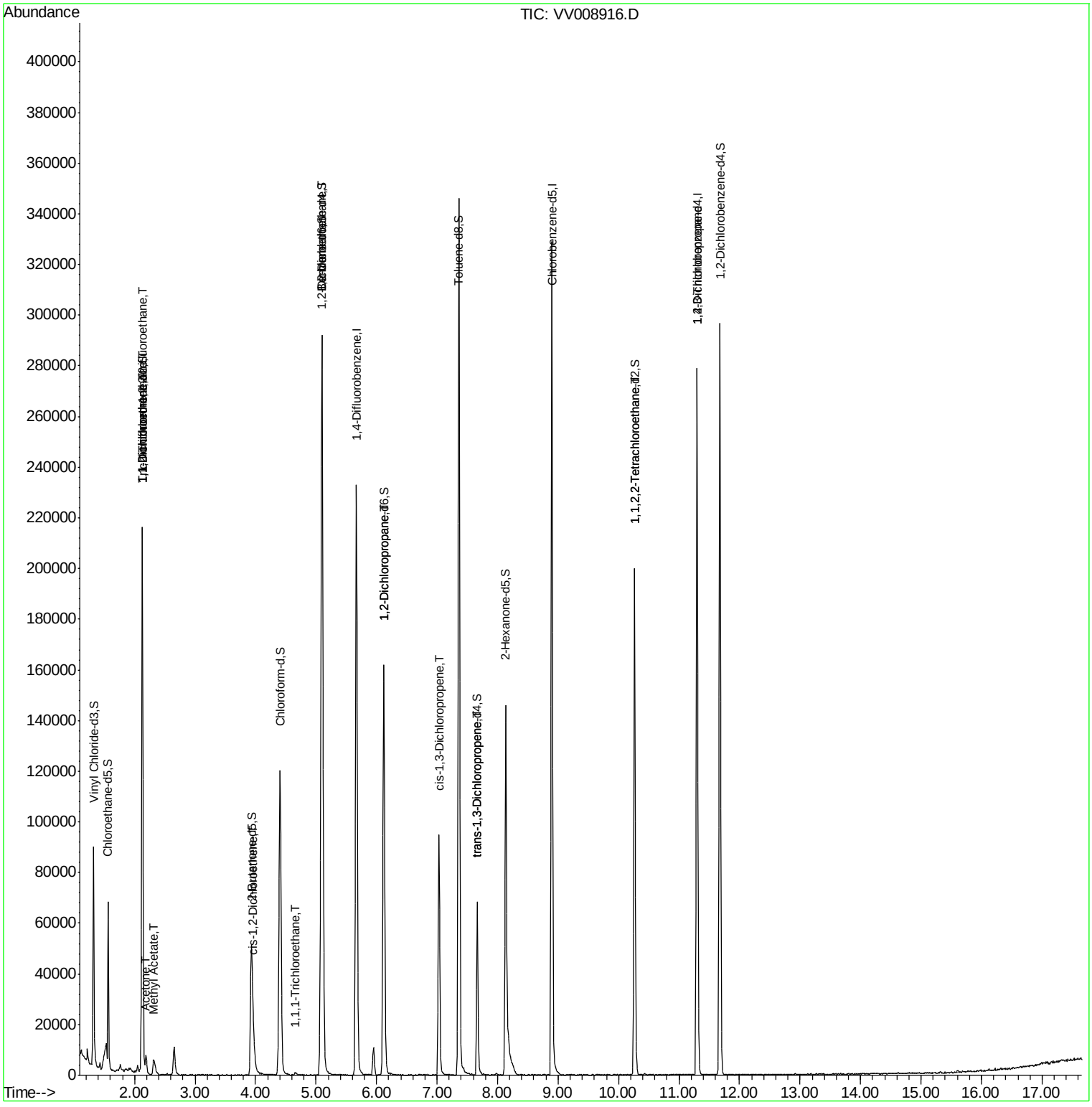
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\

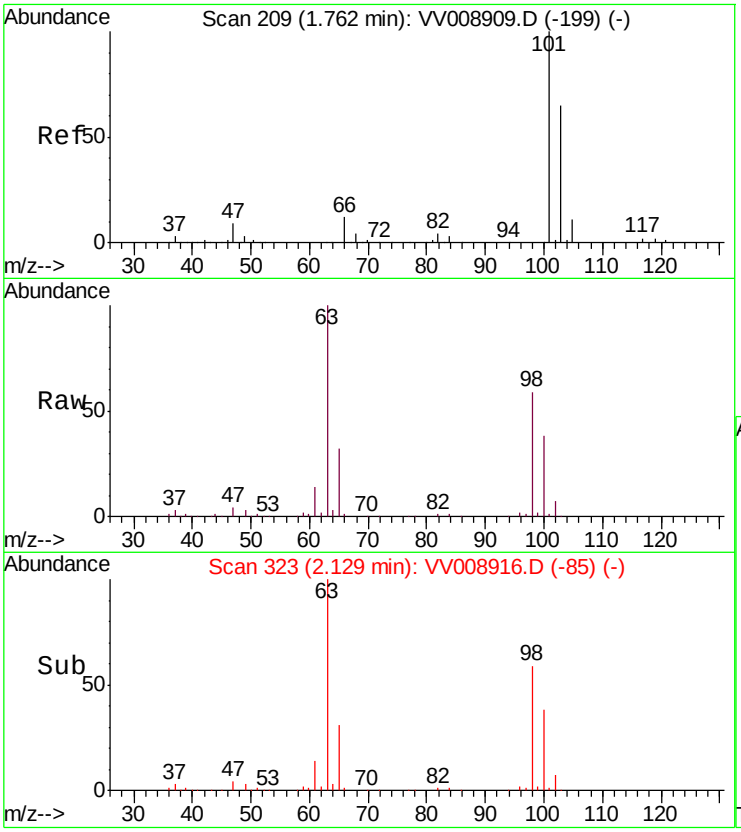
Quantitation Report (Not Reviewed)

Data File : VV008916.D
Acq On : 13 Dec 2018 18:13
Operator : SY/MD
Sample : J6367-06
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L42

Quant Time: Dec 14 01:14:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration



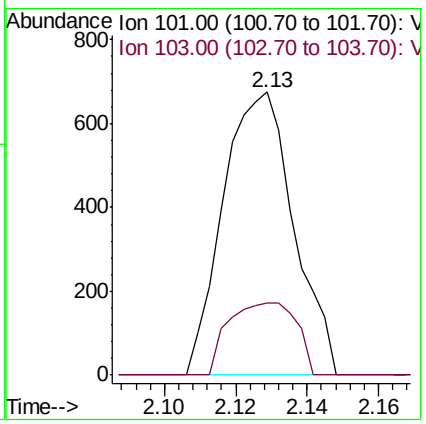


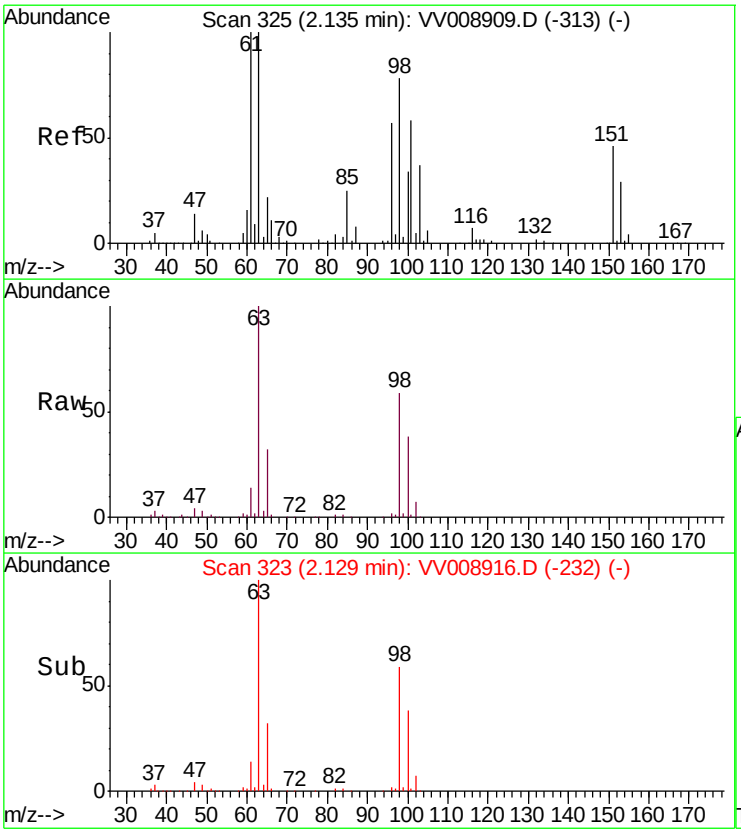
#9
Trichlorofluoromethane
Concen: 0.404 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument : MSVOA_V
ClientSampleId : C0L42

Tgt Ion:101 Resp: 923

Ion	Ratio	Lower	Upper
101	100		
103	24.6	51.5	77.3#

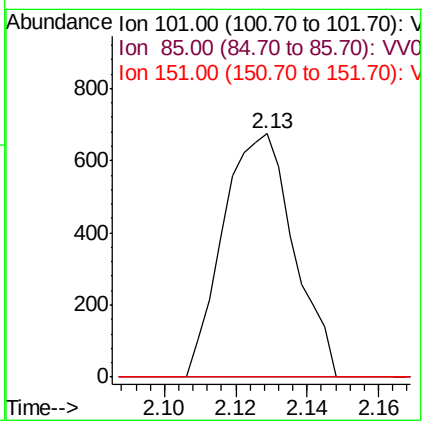


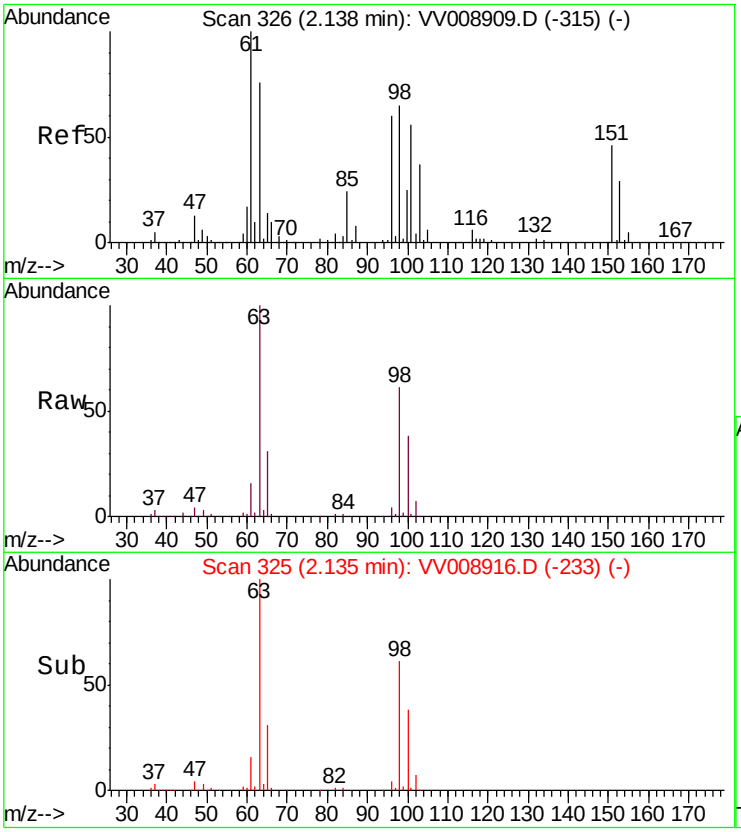


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.660 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion:101 Resp: 923

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



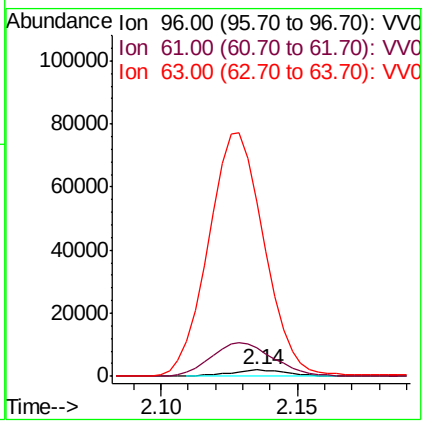


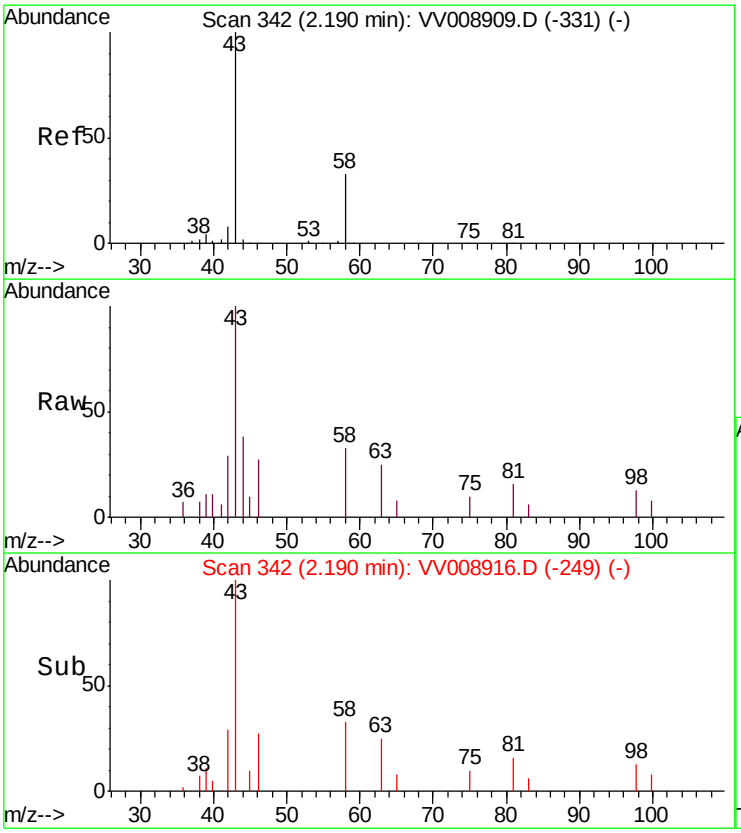
#12
1,1-Dichloroethene
Concen: 2.377 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument :
MSVOA_V
ClientSampleId :
C0L42

Tgt Ion: 96 Resp: 3025

Ion	Ratio	Lower	Upper
96	100		
61	445.6	119.1	221.3#
63	2765.1	96.0	178.2#

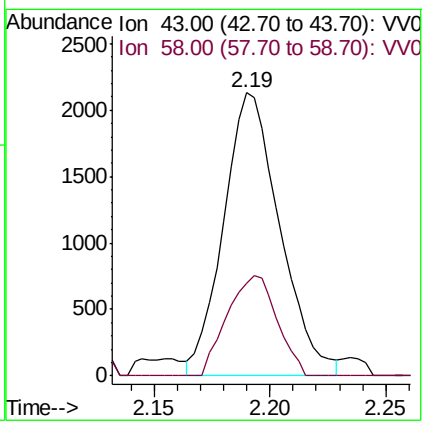


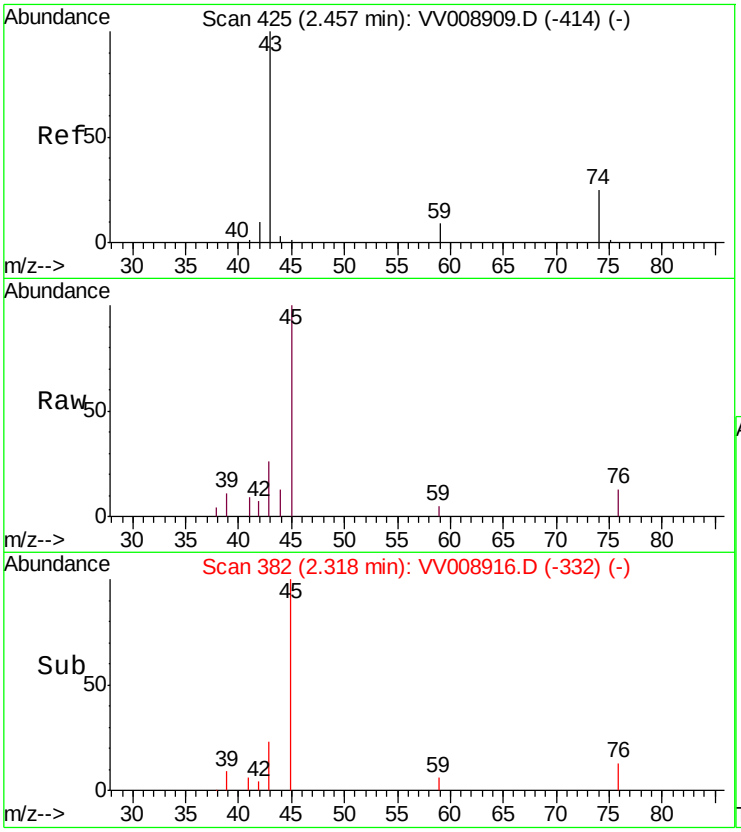


#13
Acetone
Concen: 2.995 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion: 43 Resp: 3599

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	61.8



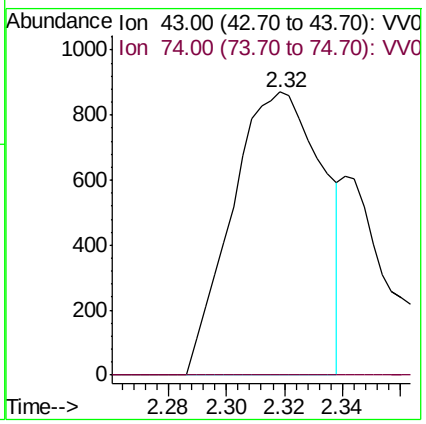


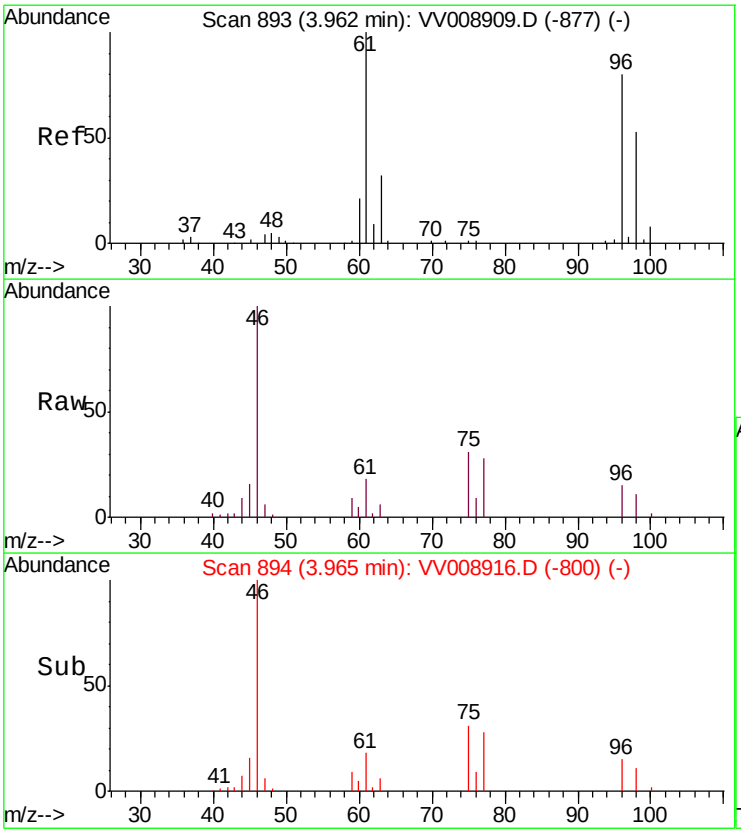
#15
Methyl Acetate
Concen: 1.456 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.14 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument : MSVOA_V
ClientSampleId : C0L42

Tgt Ion: 43 Resp: 1894

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#

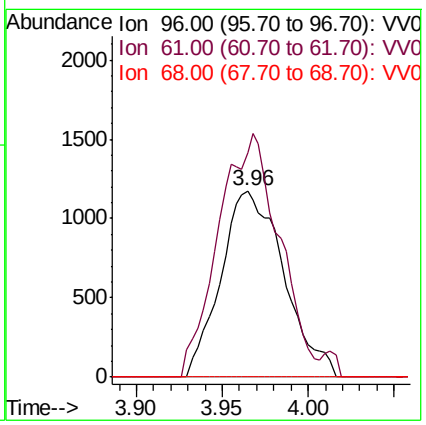


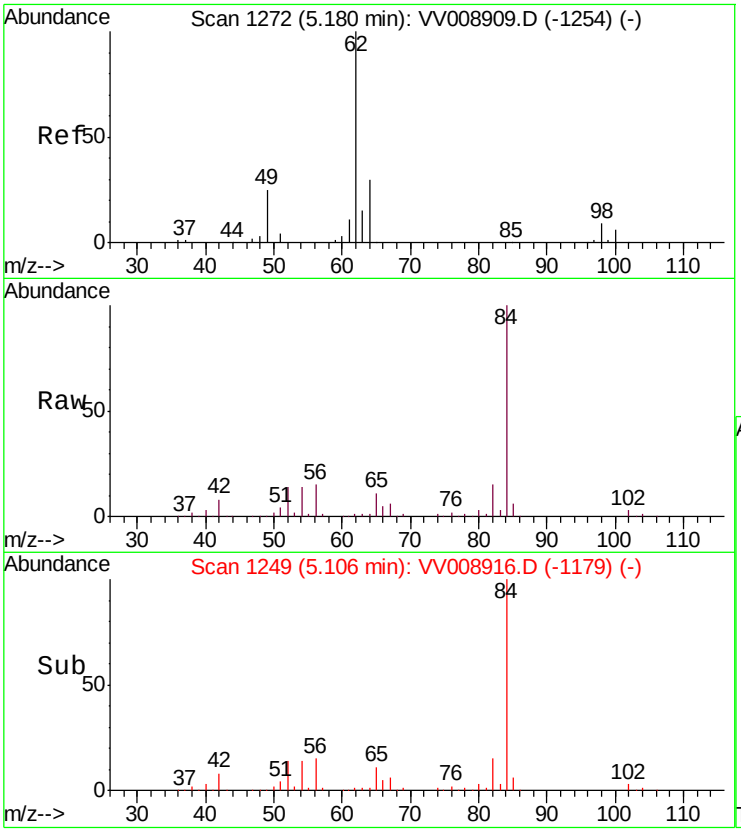


#20
cis-1,2-Dichloroethene
Concen: 2.027 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion: 96 Resp: 2994

Ion	Ratio	Lower	Upper
96	100		
61	120.6	81.9	152.1
68	0.0	0.0	0.0



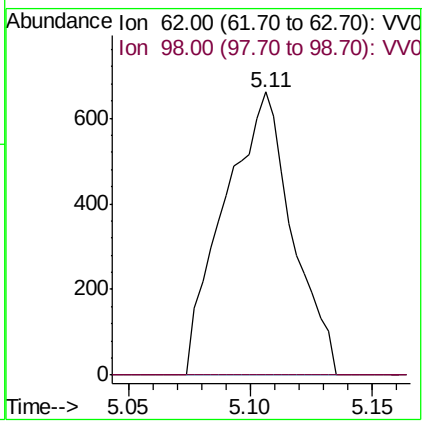


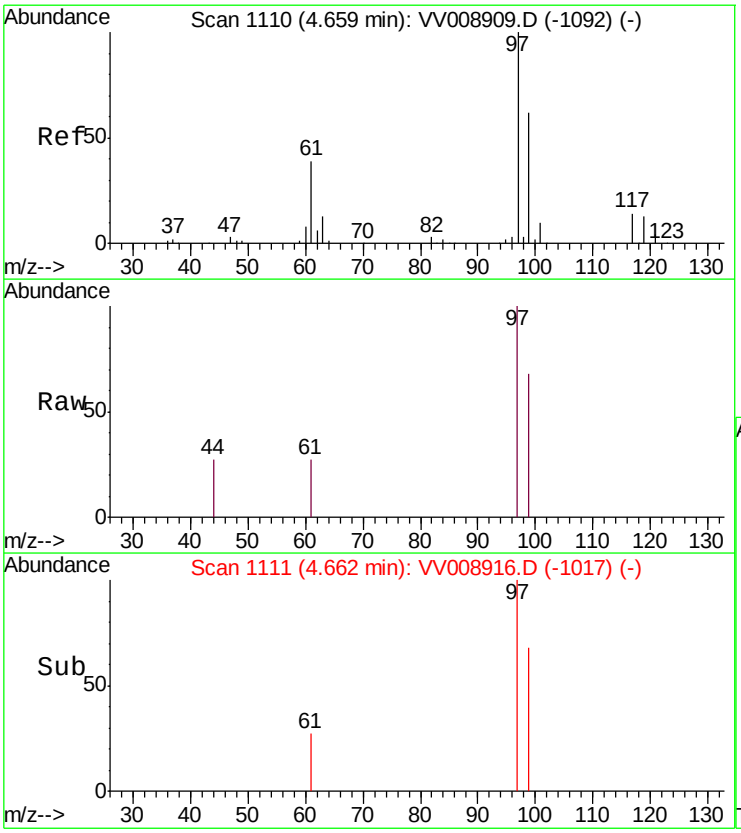
#27
1,2-Dichloroethane
Concen: 0.646 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.07 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument : MSVOA_V
ClientSampleId : C0L42

Tgt Ion: 62 Resp: 1272

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

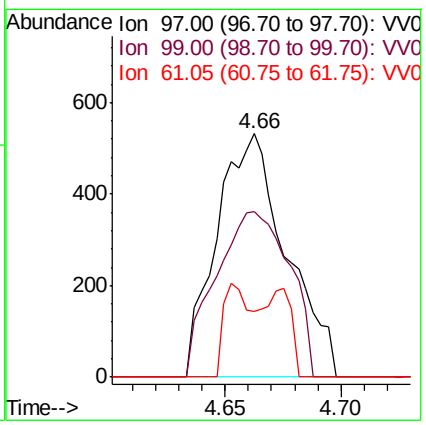


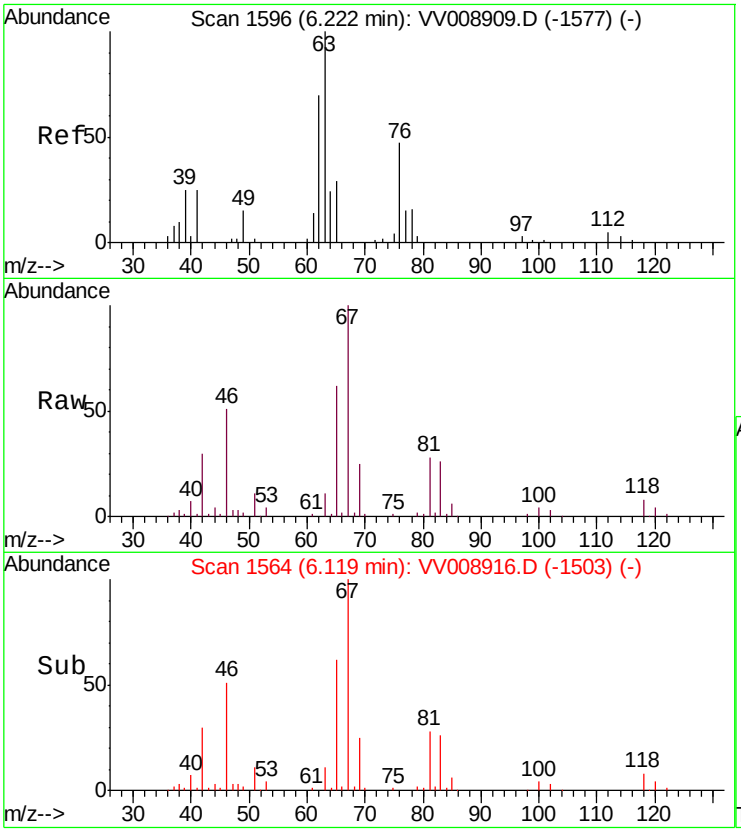


#30
1,1,1-Trichloroethane
Concen: 0.482 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion: 97 Resp: 1111

Ion	Ratio	Lower	Upper
97	100		
99	71.8	51.7	77.5
61	14.7	32.5	48.7#



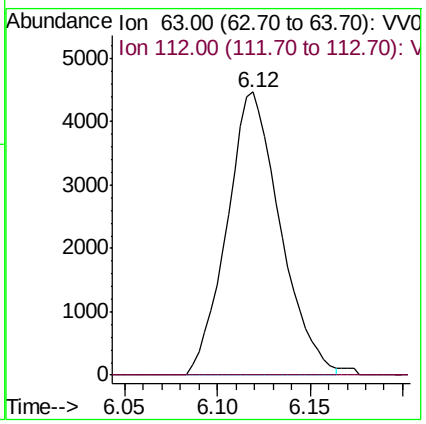


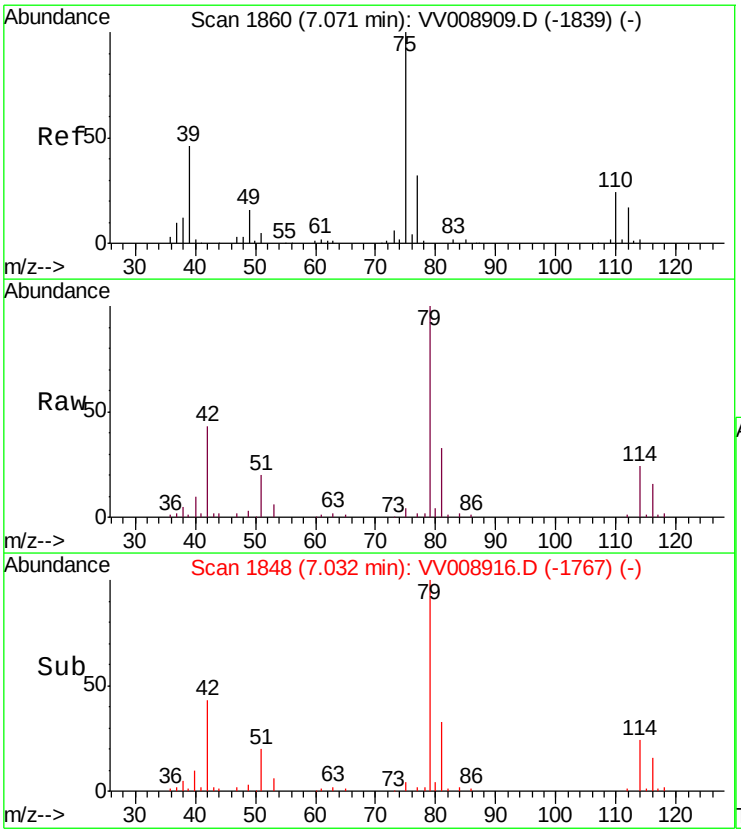
#37
1,2-Dichloropropane
Concen: 6.676 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument : MSVOA_V
ClientSampleId : C0L42

Tgt Ion: 63 Resp: 8954

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

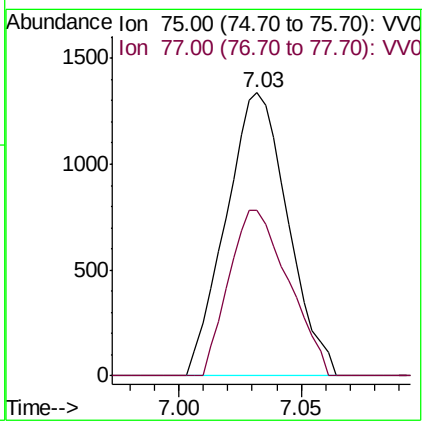


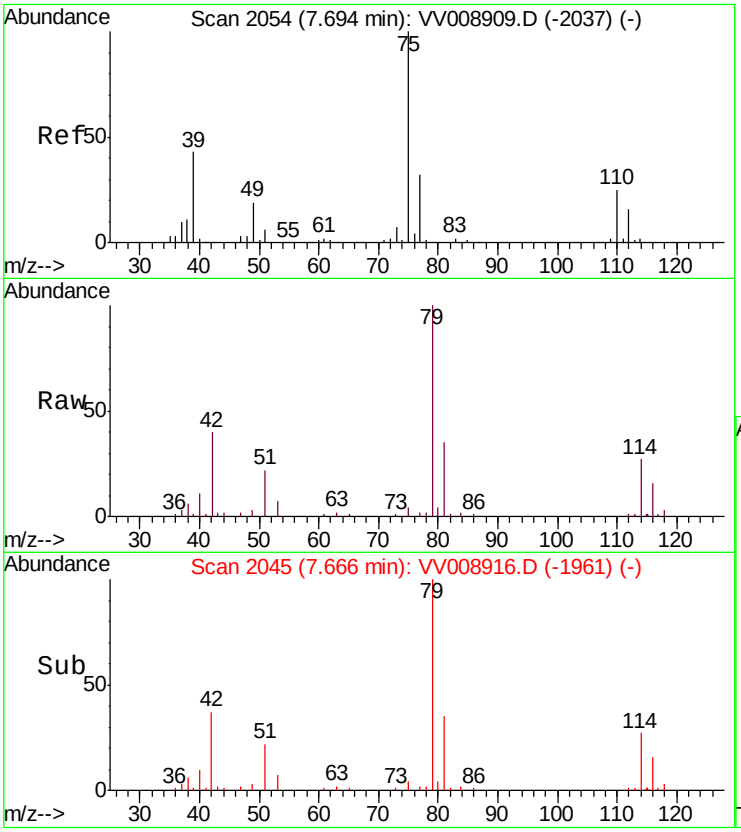


#39
cis-1,3-Dichloropropene
Concen: 1.101 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion: 75 Resp: 2355

Ion	Ratio	Lower	Upper
75	100		
77	58.6	21.8	40.4#



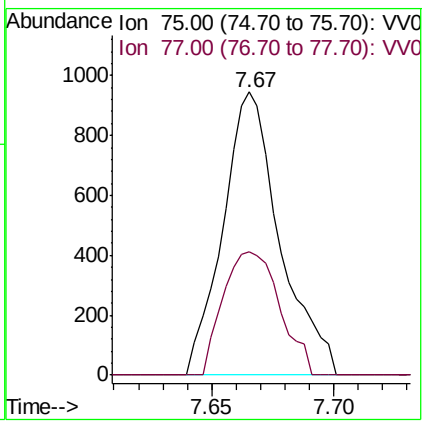


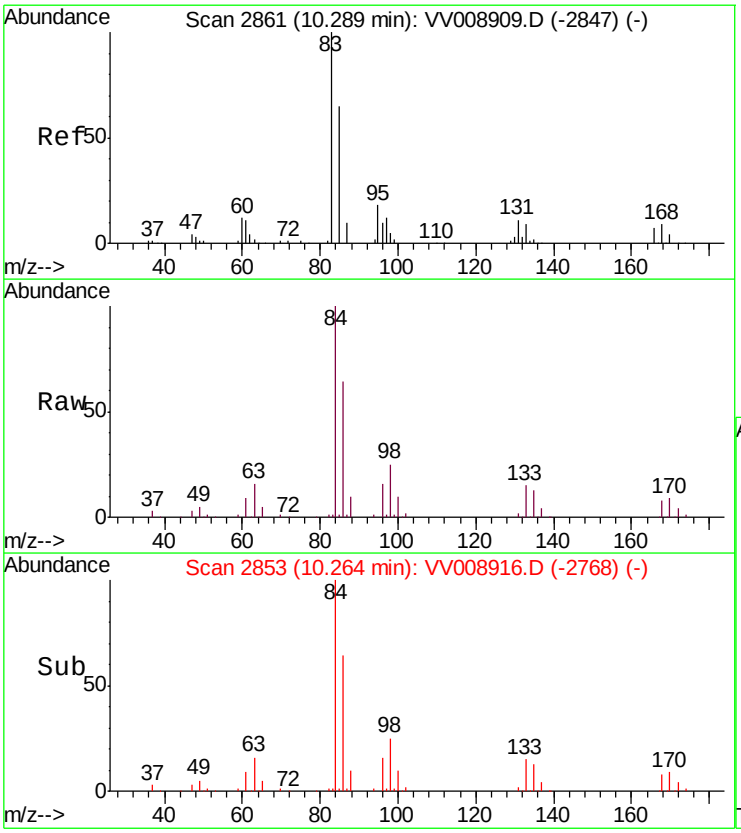
#44
trans-1,3-Dichloropropene
Concen: 0.768 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument : MSVOA_V
ClientSampleId : C0L42

Tgt Ion: 75 Resp: 1531

Ion	Ratio	Lower	Upper
75	100		
77	43.8	21.6	40.2#

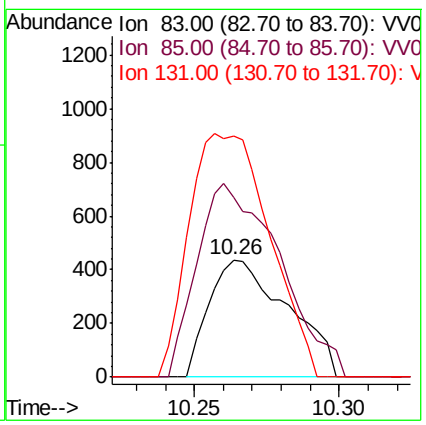


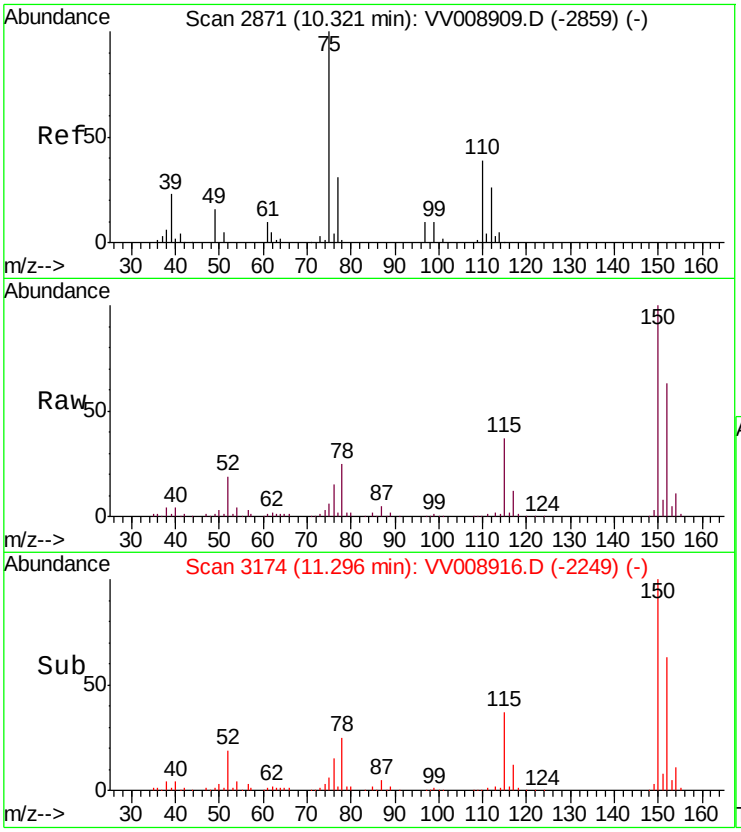


#58
1,1,2,2-Tetrachloroethane
Concen: 0.413 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.03 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Tgt Ion: 83 Resp: 823

Ion	Ratio	Lower	Upper
83	100		
85	152.6	45.3	84.1#
131	205.0	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 4.753 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008916.D
Acq: 13 Dec 2018 18:13

Instrument :
MSVOA_V
ClientSampleId :
C0L42

Tgt Ion: 75 Resp: 8028

Ion	Ratio	Lower	Upper
75	100		
77	42.2	25.8	38.8#