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

Quantitation Report (Not Reviewed)

Data File : VV008964.D
Acq On : 15 Dec 2018 05:03
Operator : SY/MD
Sample : J6369-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA2

Quant Time: Dec 15 05:48:58 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	196263	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77131	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44308	38.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.32%			
7) Chloroethane-d5	1.56	69	36321	50.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.70%			
11) 1,1-Dichloroethene-d2	2.13	63	95293	35.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.42%			
21) 2-Butanone-d5	3.93	46	85344	111.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.52%			
24) Chloroform-d	4.41	84	116004	47.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.88%			
26) 1,2-Dichloroethane-d4	5.08	65	79169	50.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.64%			
32) Benzene-d6	5.10	84	233719	47.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.12	67	73081	49.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.48%			
41) Toluene-d8	7.36	98	213713	46.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.14%			
43) trans-1,3-Dichloropropene-	7.67	79	32901	44.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.32%			
47) 2-Hexanone-d5	8.14	63	53305	98.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.03%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91390	48.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.36%			
64) 1,2-Dichlorobenzene-d4	11.68	152	78976	49.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.28%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	937	0.428	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	937	0.700	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	7386	6.061	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	3663	2.589	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	4654	2.094	ug/L #	86
34) Trichloroethene	5.96	95	110271	76.382	ug/L	97
37) 1,2-Dichloropropane	6.12	63	8137	6.294	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2104	1.020	ug/L #	37
44) trans-1,3-Dichloropropene	7.67	75	1502	0.782	ug/L	87
48) 2-Hexanone	8.13	43	7062	5.677	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	7723	4.743	ug/L	92

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

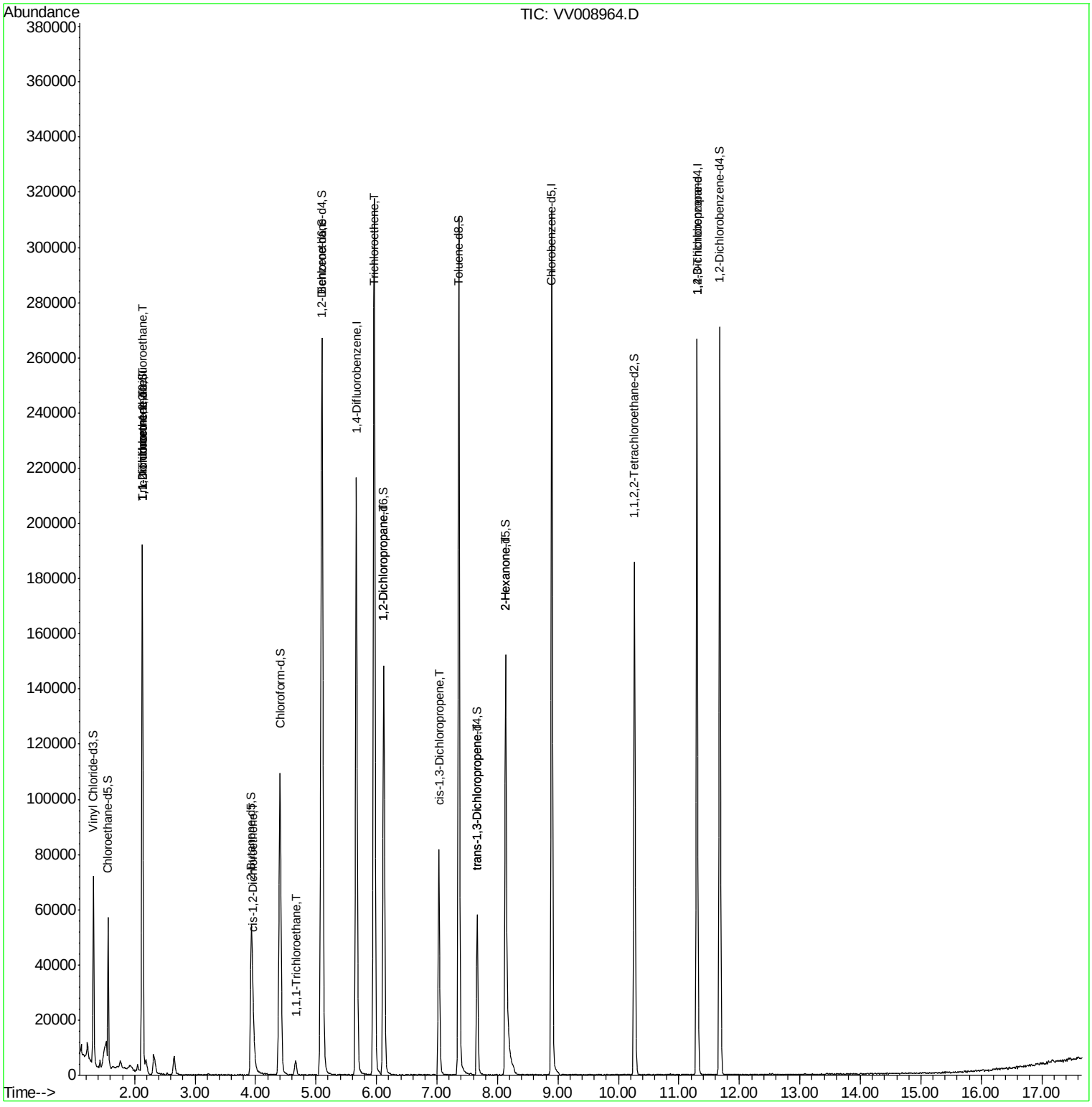
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

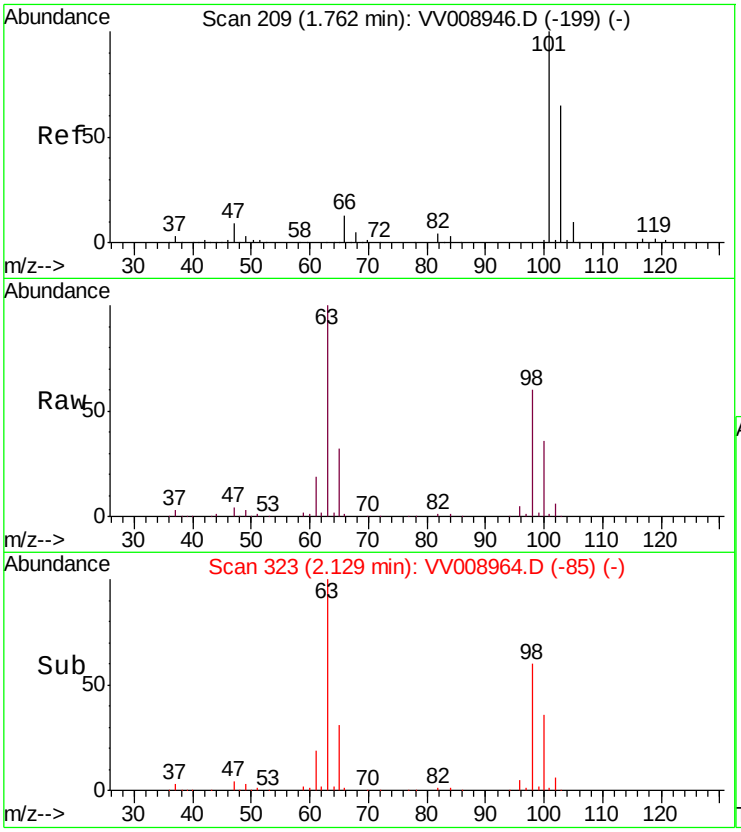
Quantitation Report (Not Reviewed)

Data File : VV008964.D
Acq On : 15 Dec 2018 05:03
Operator : SY/MD
Sample : J6369-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA2

Quant Time: Dec 15 05:48:58 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



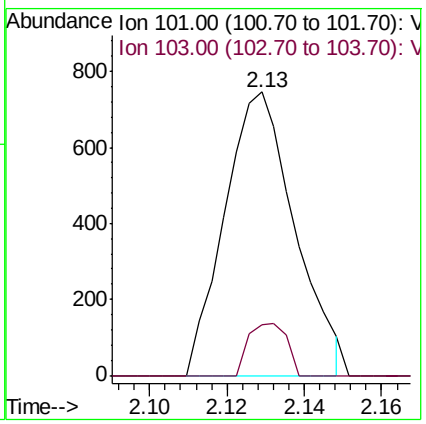


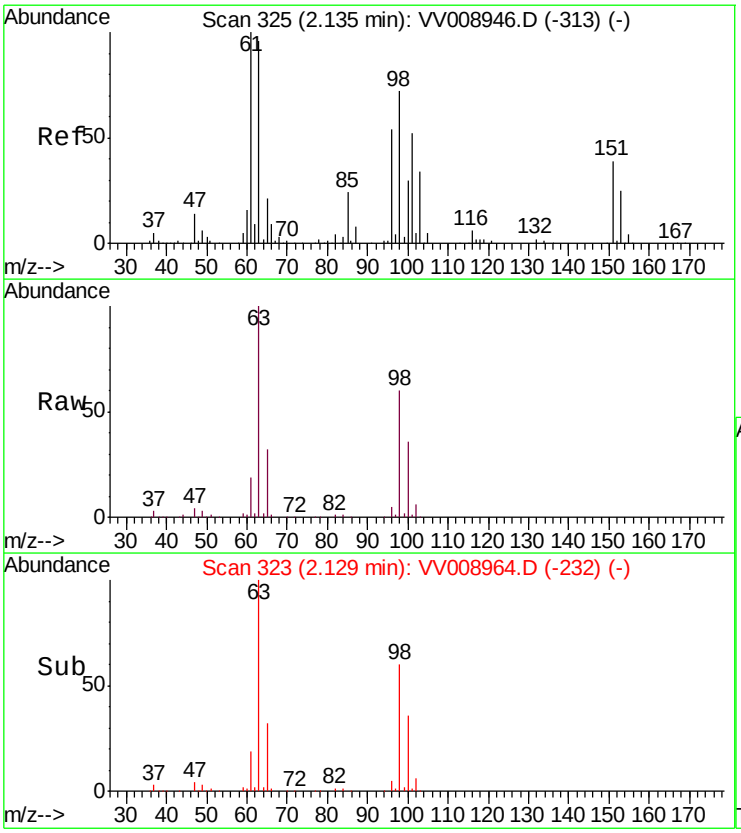
#9
Trichlorofluoromethane
Concen: 0.428 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument :
MSVOA_V
ClientSampleId :
C0LA2

Tgt Ion:101 Resp: 937

Ion	Ratio	Lower	Upper
101	100		
103	9.9	51.5	77.3#

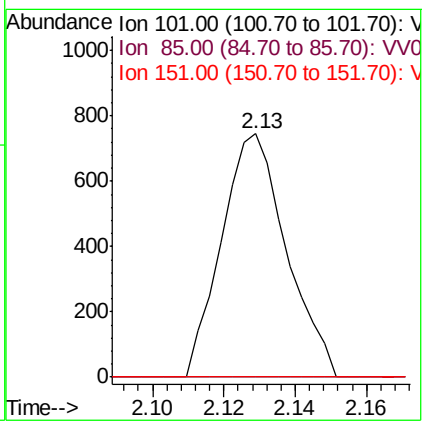


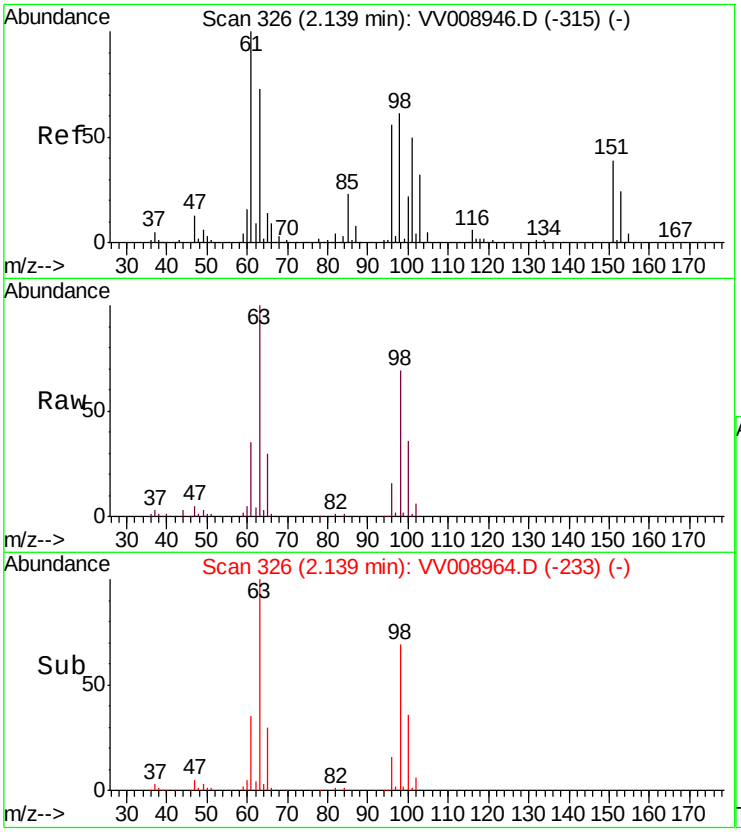


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.700 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Tgt Ion:101 Resp: 937

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



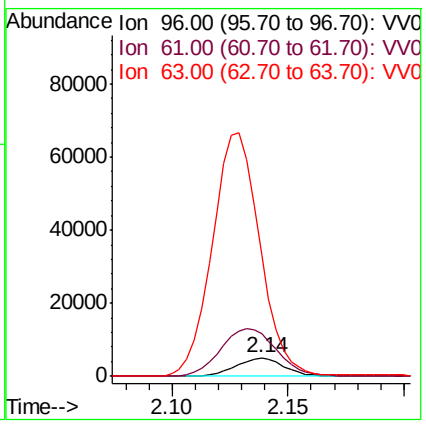


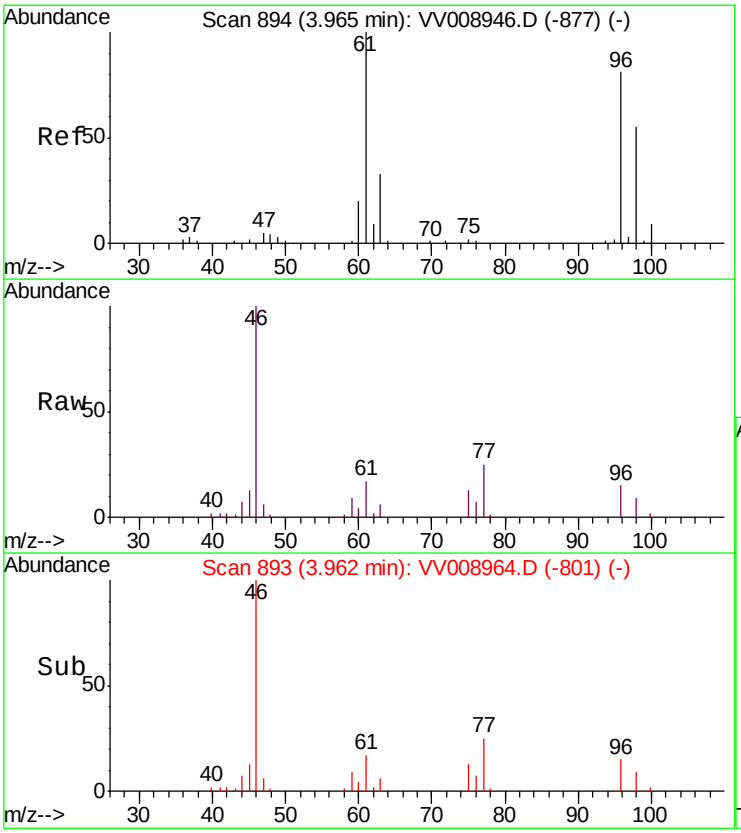
#12
1,1-Dichloroethene
Concen: 6.061 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument :
MSVOA_V
ClientSampleId :
C0LA2

Tgt Ion: 96 Resp: 7386

Ion	Ratio	Lower	Upper
96	100		
61	226.8	119.1	221.3#
63	645.0	96.0	178.2#

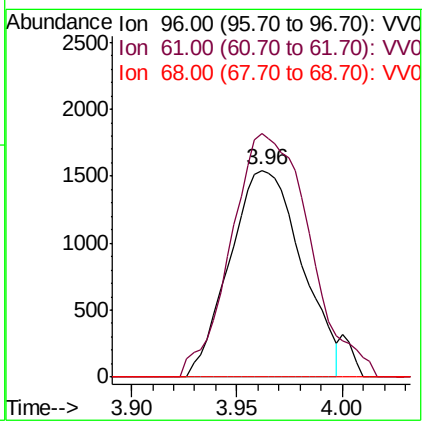


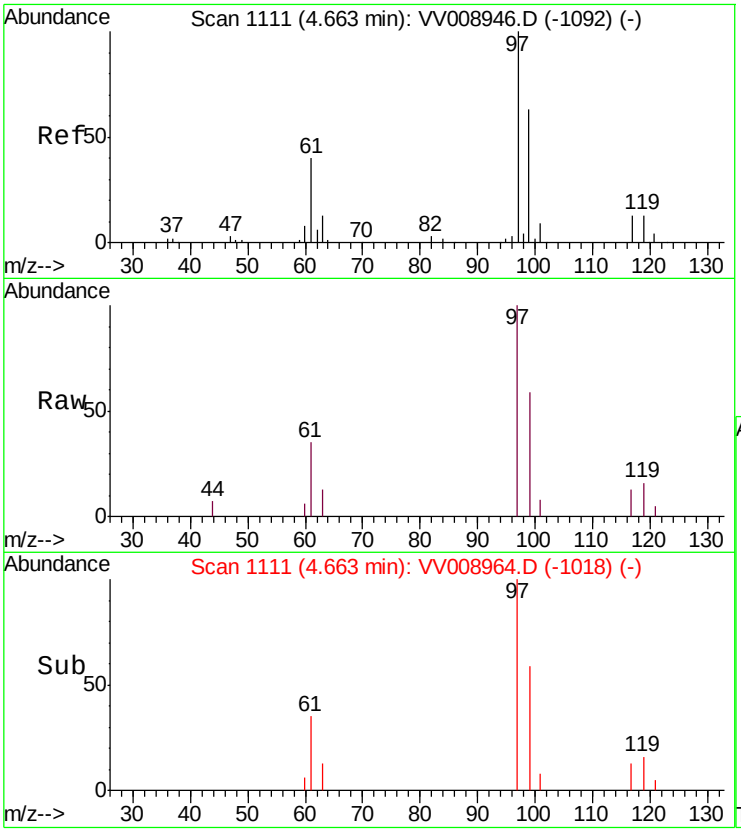


#20
cis-1,2-Dichloroethene
Concen: 2.589 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Tgt Ion: 96 Resp: 3663

Ion	Ratio	Lower	Upper
96	100		
61	117.6	81.9	152.1
68	0.0	0.0	0.0



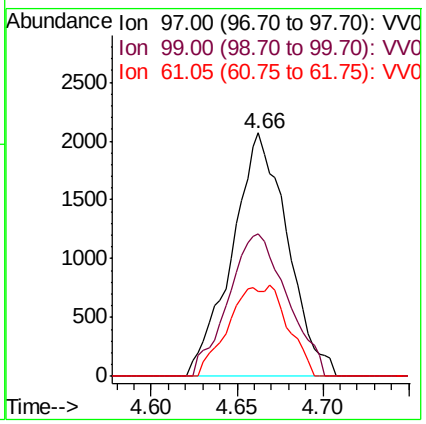


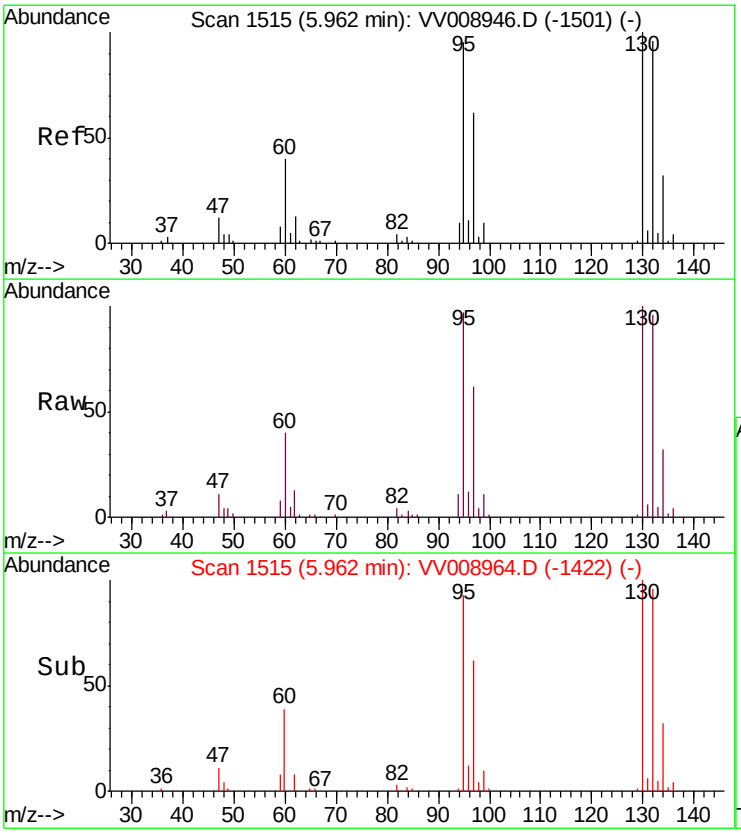
#30
1,1,1-Trichloroethane
Concen: 2.094 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument :
MSVOA_V
ClientSampleId :
C0LA2

Tgt Ion: 97 Resp: 4654

Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.7	77.5
61	21.6	32.5	48.7#

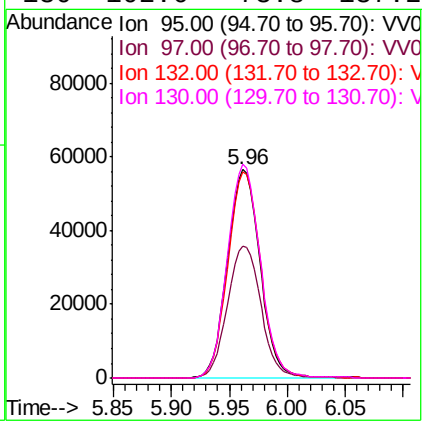


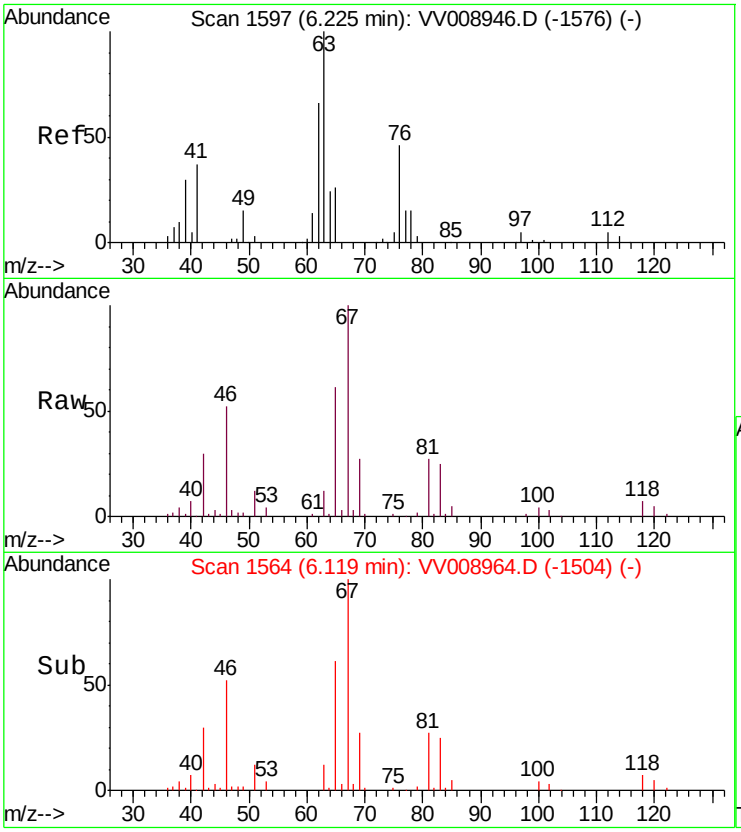


#34
Trichloroethene
Concen: 76.382 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Tgt Ion: 95 Resp: 110271

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.7	84.9
132	98.7	72.2	134.2
130	102.6	73.8	137.2



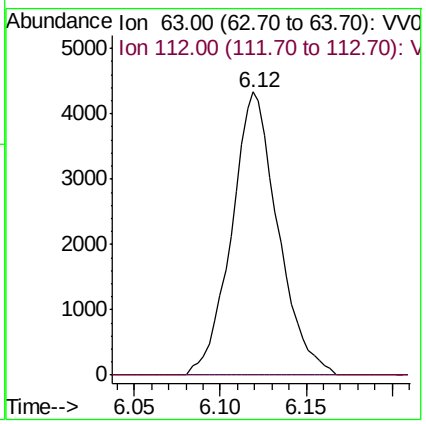


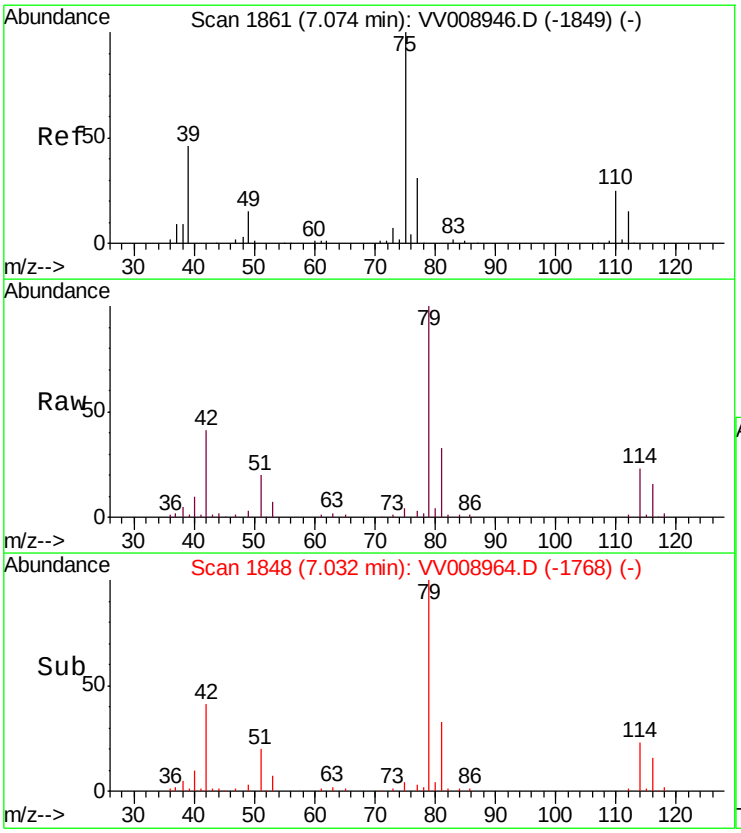
#37
1,2-Dichloropropane
Concen: 6.294 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument :
MSVOA_V
ClientSampleId :
C0LA2

Tgt Ion: 63 Resp: 8137

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

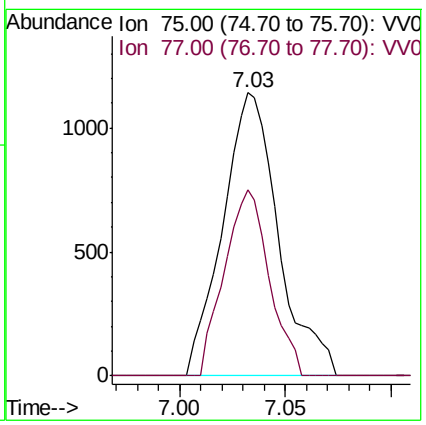


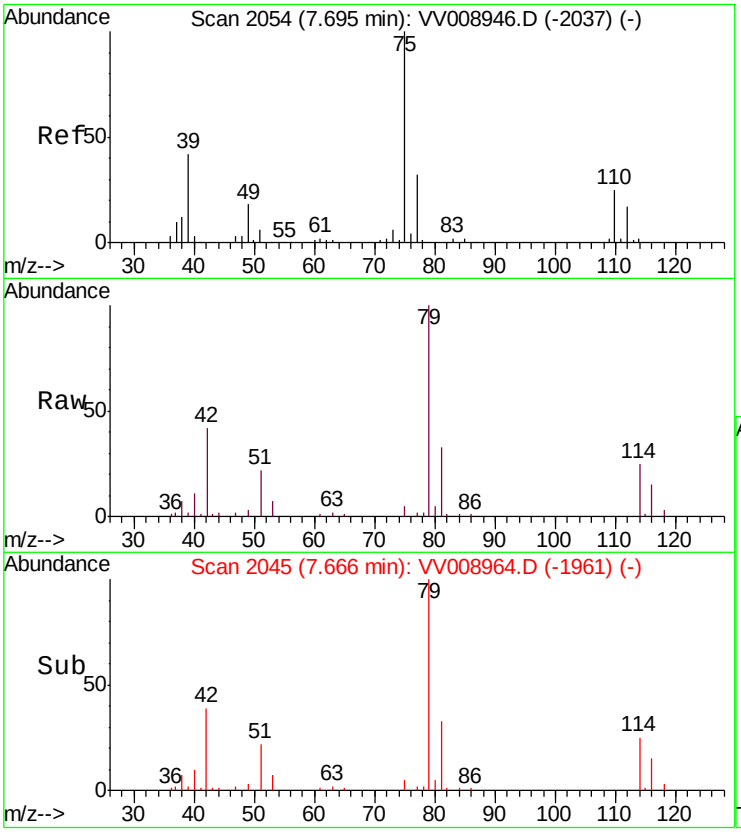


#39
cis-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Tgt Ion: 75 Resp: 2104

Ion	Ratio	Lower	Upper
75	100		
77	65.9	21.8	40.4#



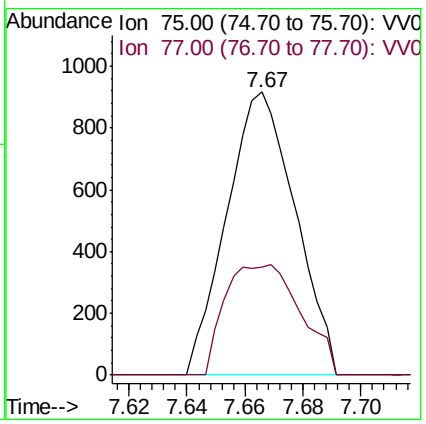


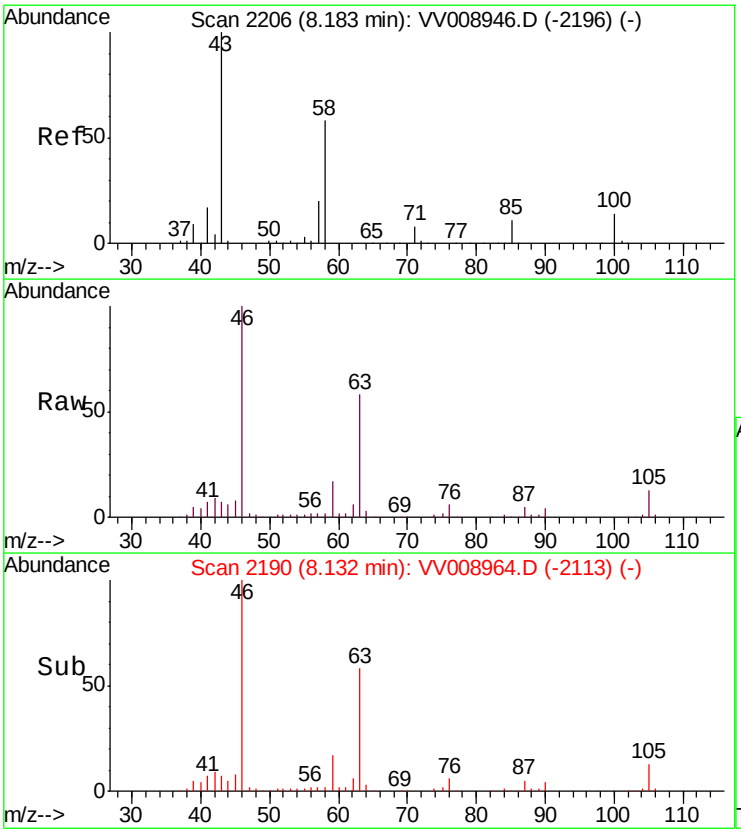
#44
trans-1,3-Dichloropropene
Concen: 0.782 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument : MSVOA_V
ClientSampleId : C0LA2

Tgt Ion: 75 Resp: 1502

Ion	Ratio	Lower	Upper
75	100		
77	38.2	21.6	40.2

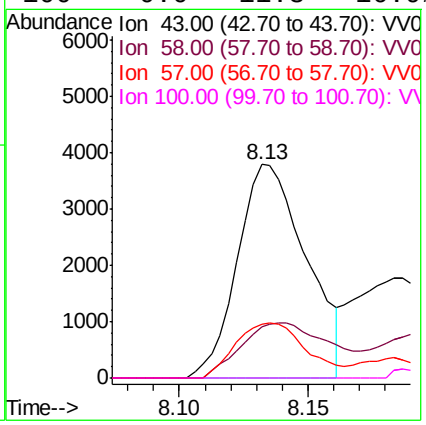


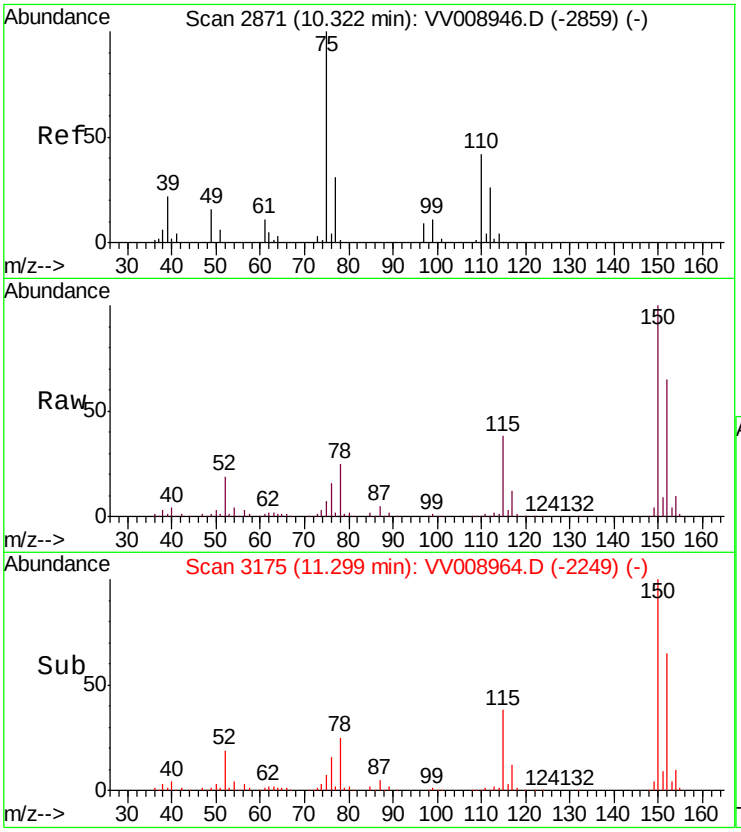


#48
2-Hexanone
Concen: 5.677 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Tgt Ion: 43 Resp: 7062

Ion	Ratio	Lower	Upper
43	100		
58	32.5	42.7	64.1#
57	26.6	15.7	23.5#
100	0.0	11.3	16.9#





#59
1,2,3-Trichloropropane
Concen: 4.743 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008964.D
Acq: 15 Dec 2018 05:03

Instrument :
MSVOA_V
ClientSampleId :
C0LA2

Tgt Ion: 75 Resp: 7723

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.8	38.8