Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\

Quantitation Report (Not Reviewed)

Data File : VV012174.D
Acq On : 10 Aug 2019 01:41
Operator : SY/MD
Sample : K4248-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B48

Quant Time: Aug 10 05:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	258410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44547	46.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.72%			
7) Chloroethane-d5	1.58	69	30316	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.02%			
11) 1,1-Dichloroethene-d2	2.13	63	62295	34.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.32%			
21) 2-Butanone-d5	3.93	46	31312	66.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.61%			
24) Chloroform-d	4.40	84	87526	44.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.64%			
26) 1,2-Dichloroethane-d4	5.08	65	57589	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.70%			
32) Benzene-d6	5.10	84	185345	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
36) 1,2-Dichloropropane-d6	6.11	67	48647	47.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.48%			
41) Toluene-d8	7.36	98	170353	47.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.48%			
43) trans-1,3-Dichloropropene-	7.66	79	24219	43.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.80%			
47) 2-Hexanone-d5	8.13	63	35825	90.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.94%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66751	47.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.58%			
64) 1,2-Dichlorobenzene-d4	11.67	152	64003	50.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	644	0.614	ug/L #	1
13) Acetone	2.18	43	1438	2.107	ug/L	89
20) cis-1,2-Dichloroethene	3.96	96	8199	4.718	ug/L	81
25) Chloroform	4.43	83	7261	2.404	ug/L	89
34) Trichloroethene	5.96	95	1353	0.803	ug/L	88
37) 1,2-Dichloropropane	6.12	63	5731	3.861	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1622	0.634	ug/L #	70
59) 1,2,3-Trichloropropane	11.29	75	9486	4.736	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\

Quantitation Report (Not Reviewed)

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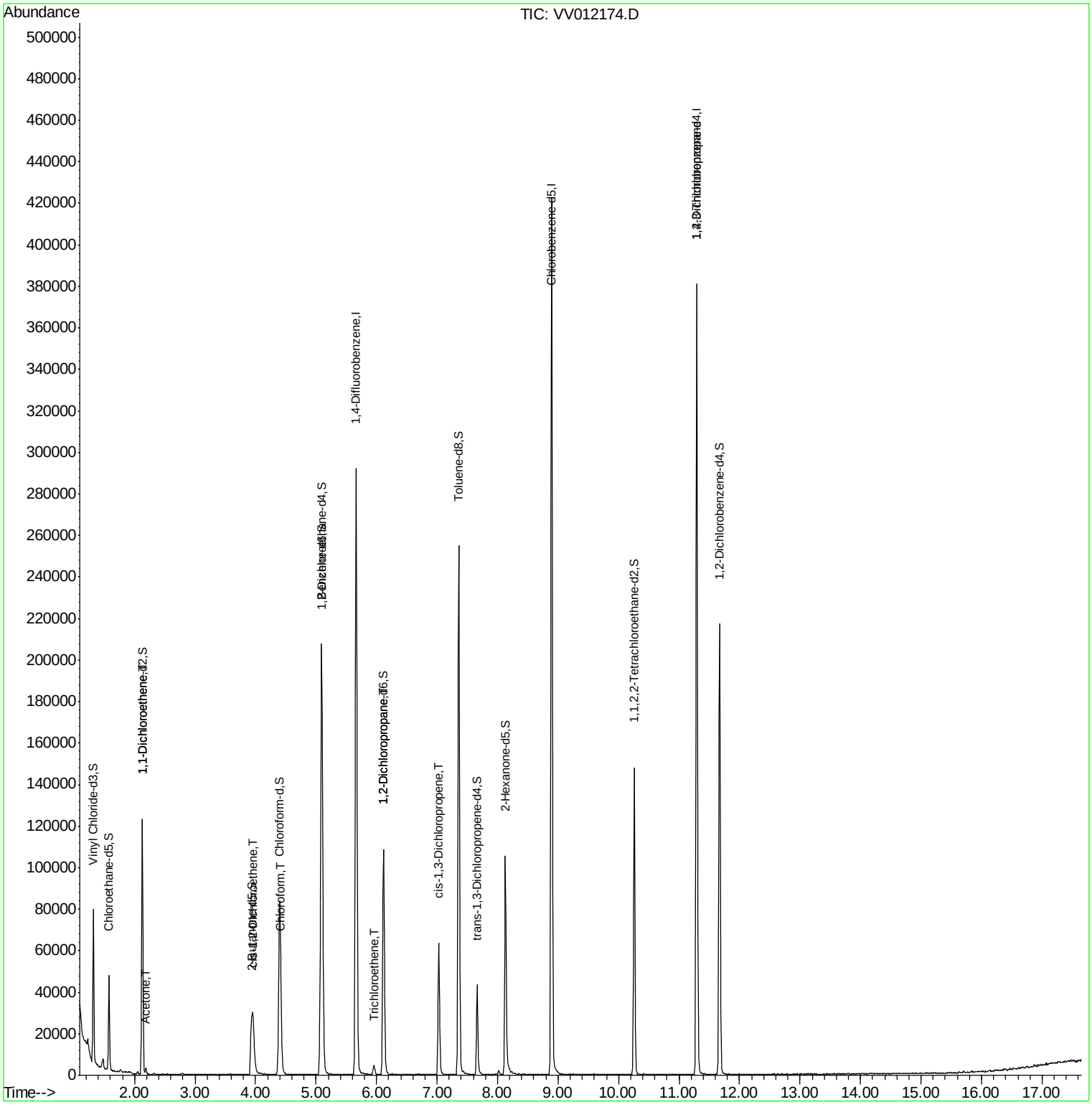
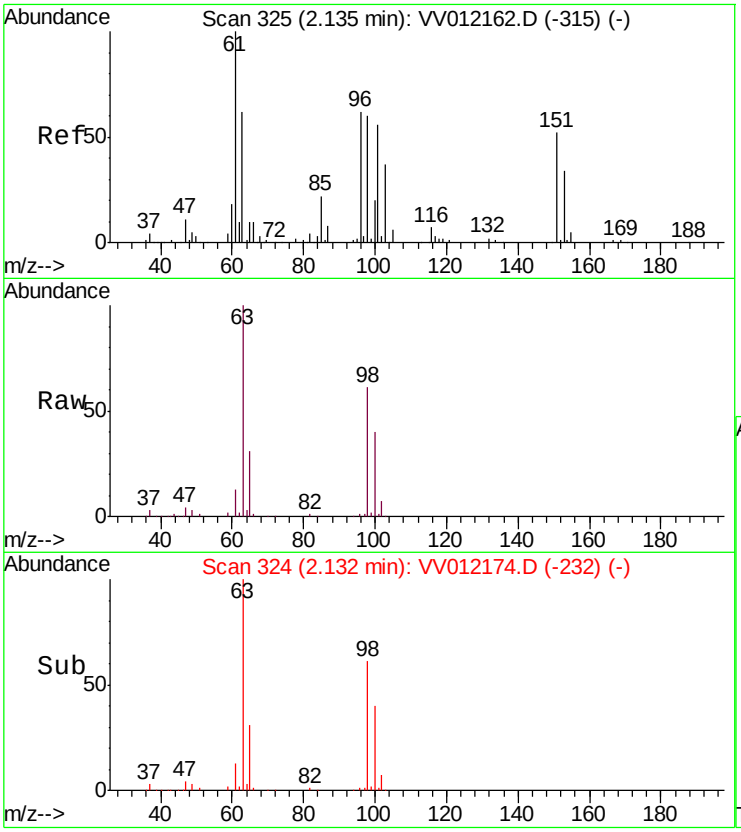
Operator : SY/MD
Sample : K4248-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B48

Quant Time: Aug 10 05:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration



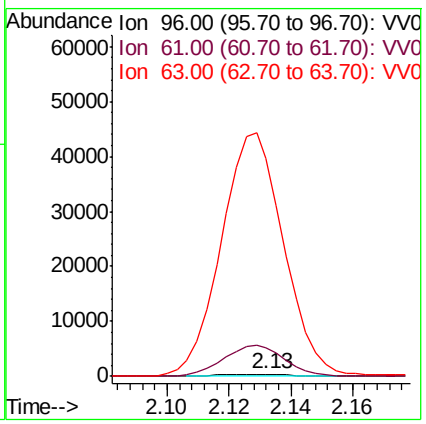


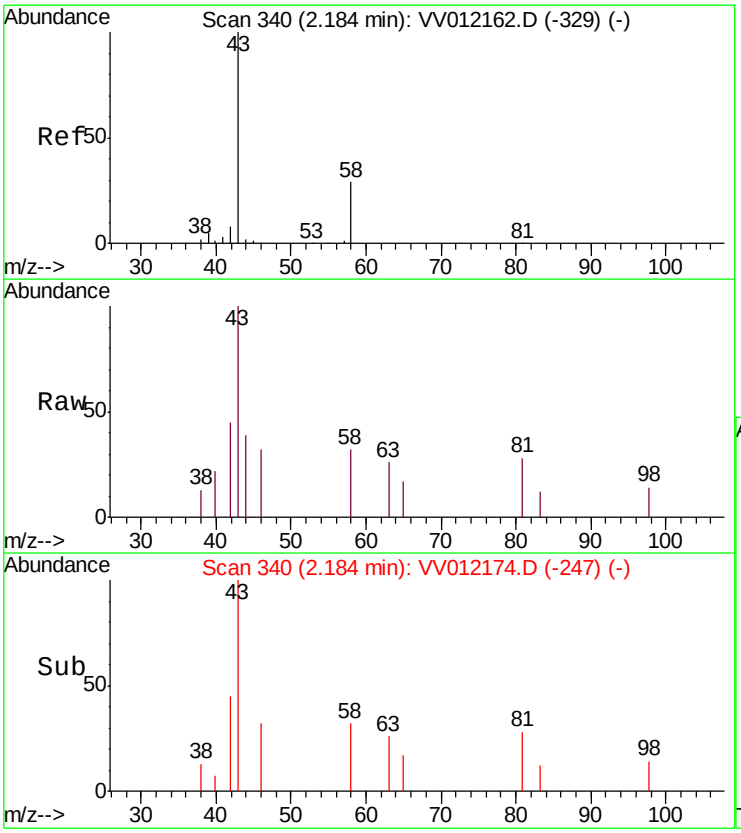
#12
1,1-Dichloroethene
Concen: 0.614 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Instrument : MSVOA_V
ClientSampleId : F2B48

Tgt Ion: 96 Resp: 644

Ion	Ratio	Lower	Upper
96	100		
61	1310.0	115.1	213.8#
63	9918.8	83.9	155.7#

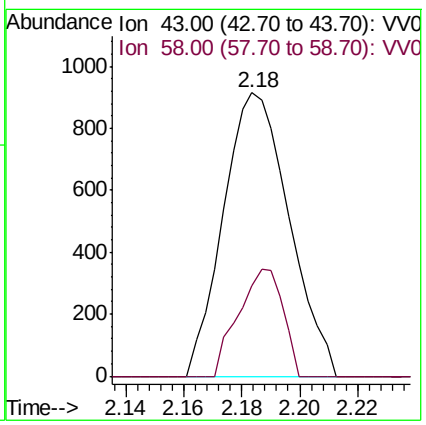


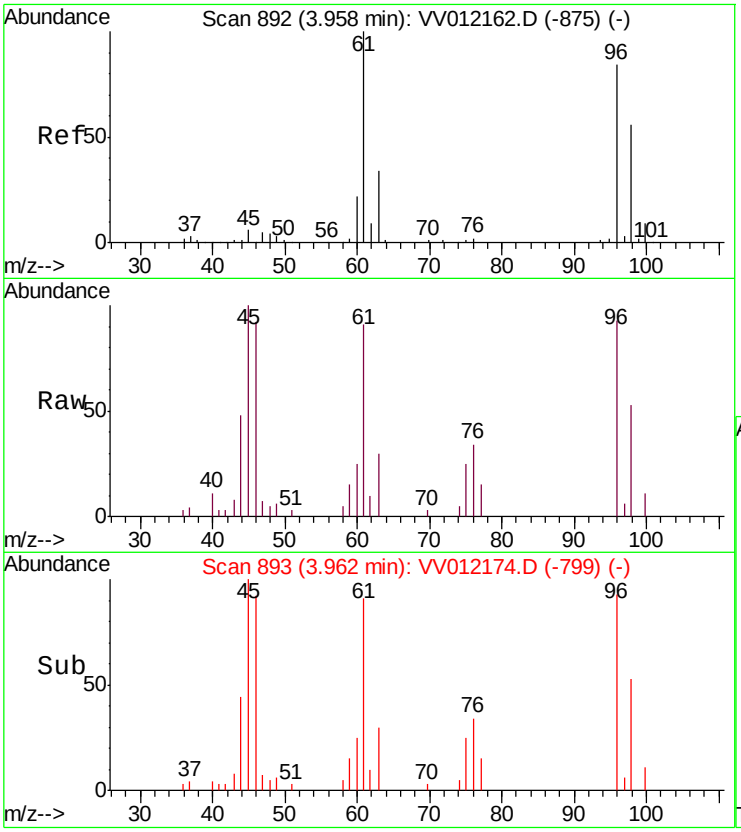


#13
Acetone
Concen: 2.107 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Tgt Ion: 43 Resp: 1438

Ion	Ratio	Lower	Upper
43	100		
58	25.6	0.0	63.4



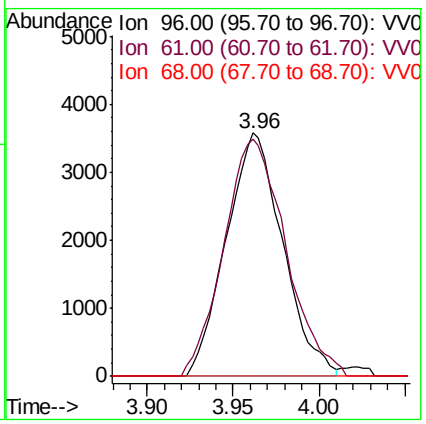


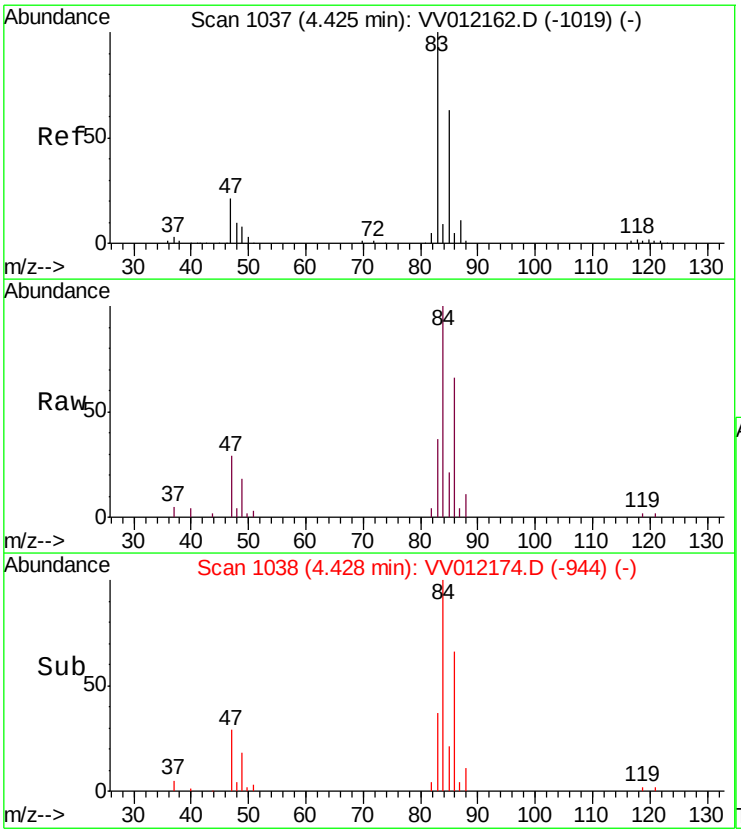
#20
cis-1,2-Dichloroethene
Concen: 4.718 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Instrument :
MSVOA_V
ClientSampleId :
F2B48

Tgt Ion: 96 Resp: 8199

Ion	Ratio	Lower	Upper
96	100		
61	97.3	82.9	153.9
68	0.0	0.0	0.0

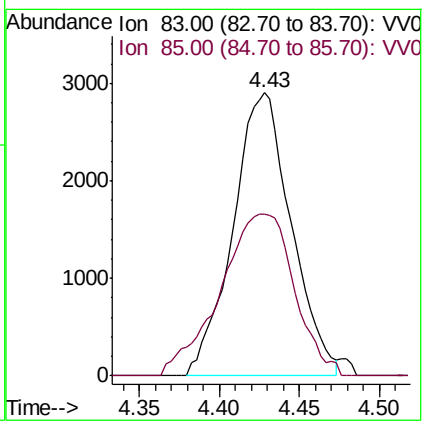


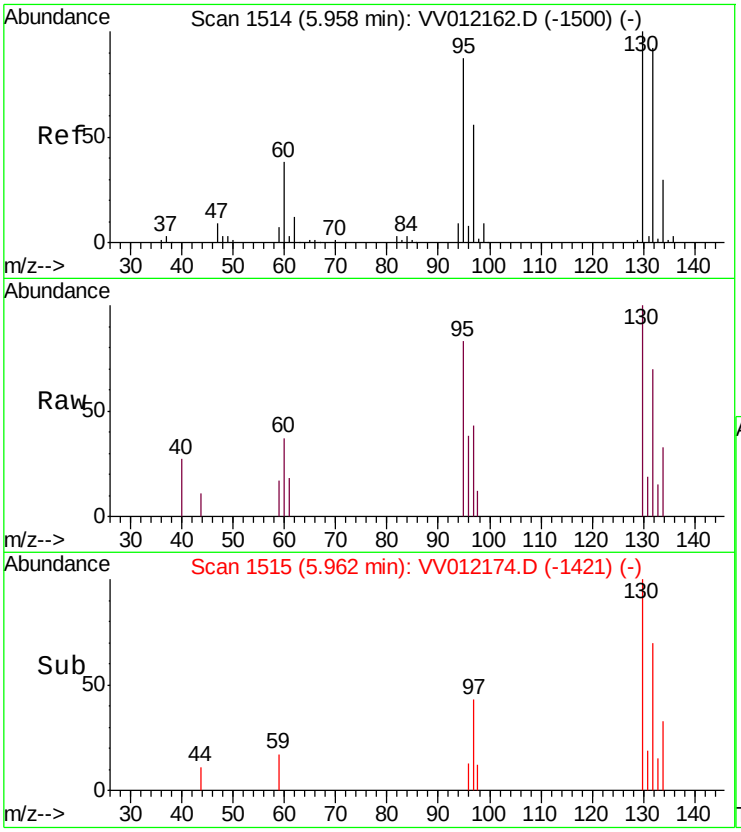


#25
Chloroform
Concen: 2.404 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Tgt Ion: 83 Resp: 7261

Ion	Ratio	Lower	Upper
83	100		
85	57.0	45.7	84.9



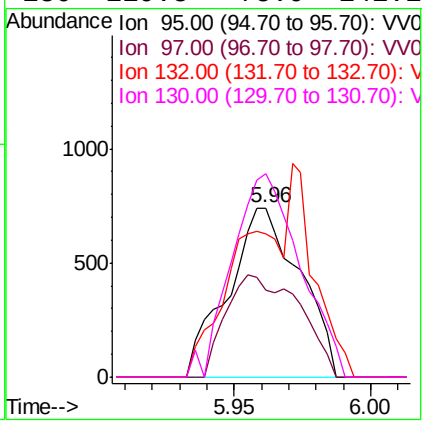


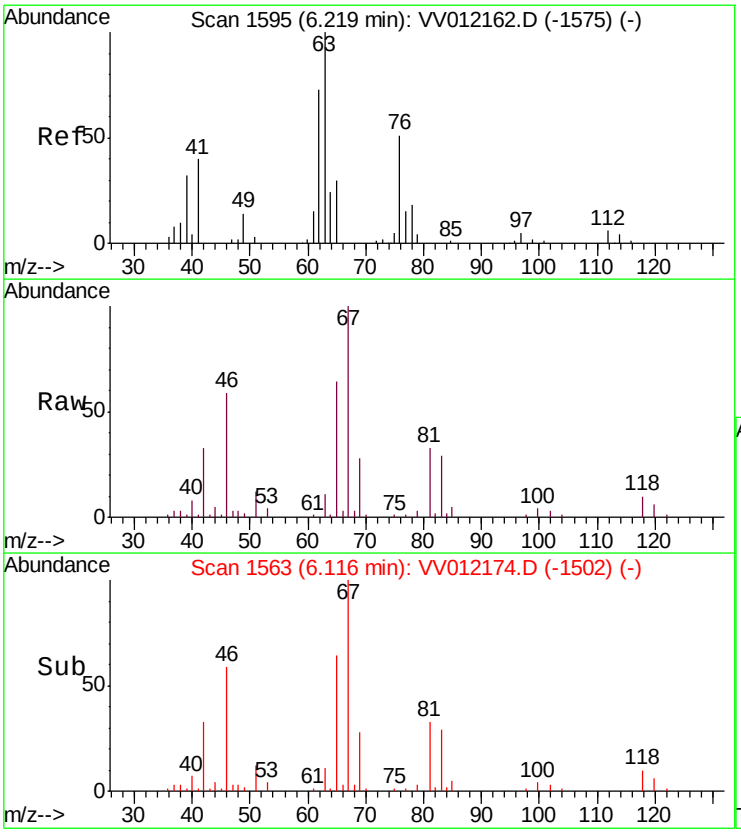
#34
Trichloroethene
Concen: 0.803 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Instrument :
MSVOA_V
ClientSampleId :
F2B48

Tgt Ion: 95 Resp: 1353

Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.7	83.1
132	84.2	72.7	134.9
130	119.8	75.9	141.1

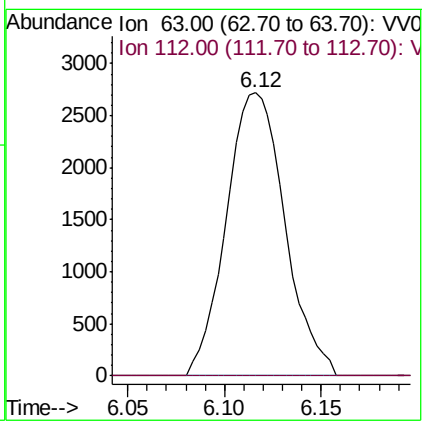


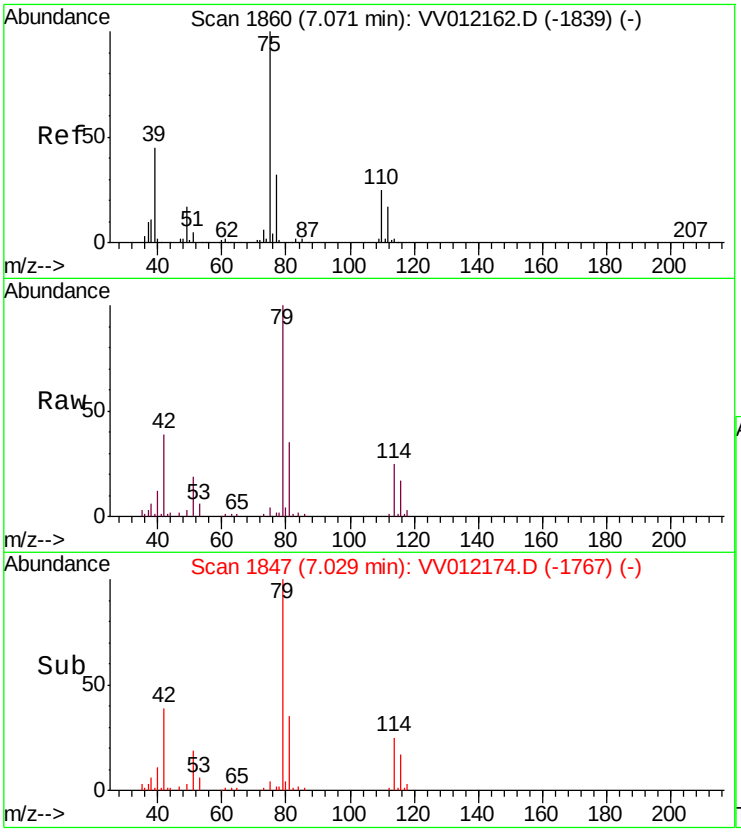


#37
1,2-Dichloropropane
Concen: 3.861 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Tgt Ion: 63 Resp: 5731

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#



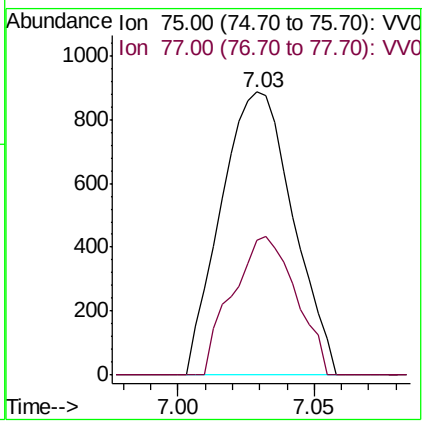


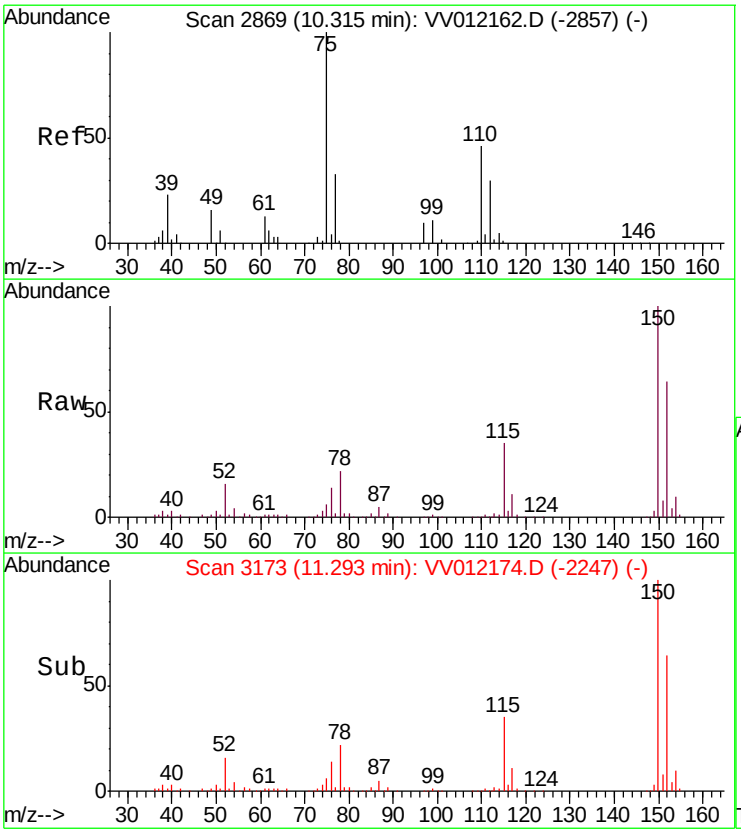
#39
cis-1,3-Dichloropropene
Concen: 0.634 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Instrument :
MSVOA_V
ClientSampleId :
F2B48

Tgt Ion: 75 Resp: 1622

Ion	Ratio	Lower	Upper
75	100		
77	47.4	21.7	40.3#





#59
1,2,3-Trichloropropane
Concen: 4.736 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012174.D
Acq: 10 Aug 2019 01:41

Tgt Ion: 75 Resp: 9486

Ion	Ratio	Lower	Upper
75	100		
77	39.3	26.3	39.5