Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010828.D
Acq On : 10 May 2019 23:00
Operator : SY/MD
Sample : K2692-14
Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5177

Quant Time: May 11 00:26:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	82721	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81655	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30832	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23307	18.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.56%			
7) Chloroethane-d5	1.56	69	23875	22.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.32%			
10) 1,1-Dichloroethene-d2	2.11	63	41093	14.74	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.96%			
20) 2-Butanone-d5	3.92	46	31831	82.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 165.10%#			
24) Chloroform-d	4.39	84	55618	24.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.64%			
26) 1,2-Dichloroethane-d4	5.07	65	39975	28.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.52%			
29) Benzene-d6	5.09	84	101086	23.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.08%			
33) 1,2-Dichloropropane-d6	6.11	67	35551	25.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.84%			
37) Toluene-d8	7.36	98	81899	19.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.60%			
38) trans-1,3-Dichloropropene-	7.66	79	14813	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.92%			
39) 2-Hexanone-d5	8.13	63	22318	77.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 155.76%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40653	31.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 126.36%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	31229	26.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2322	3.889	ug/L	95
14) Carbon disulfide	2.30	76	5186	1.620	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	7565	6.426	ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	190192	141.435	ug/L	97
35) Trichloroethene	5.96	95	50737	37.787	ug/L	97
40) 1,2-Dichloropropane	6.11	63	4443	3.484	ug/L #	91
59) 1,2,3-Trichloropropane	11.29	75	4289	4.004	ug/L #	82

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

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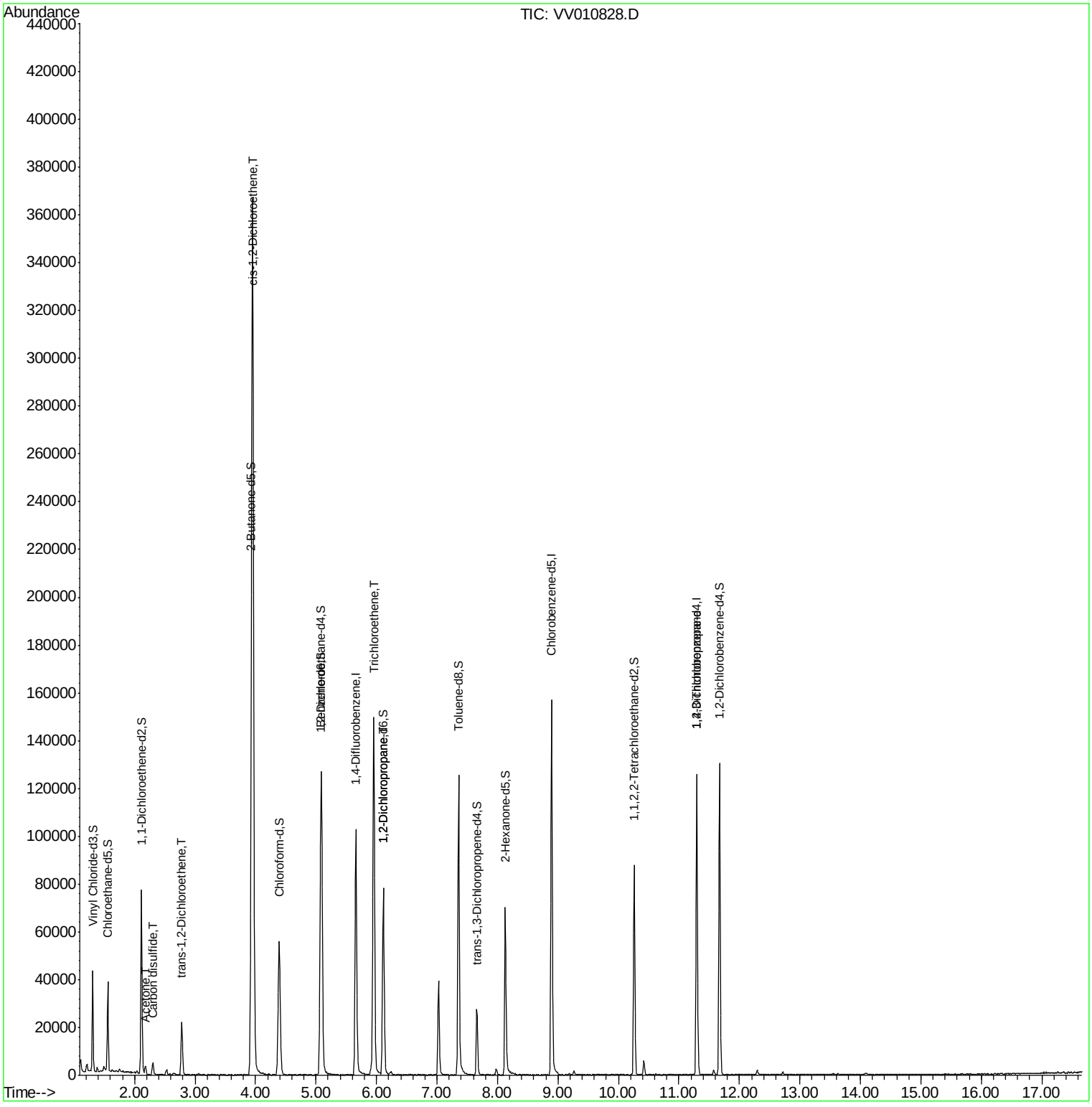
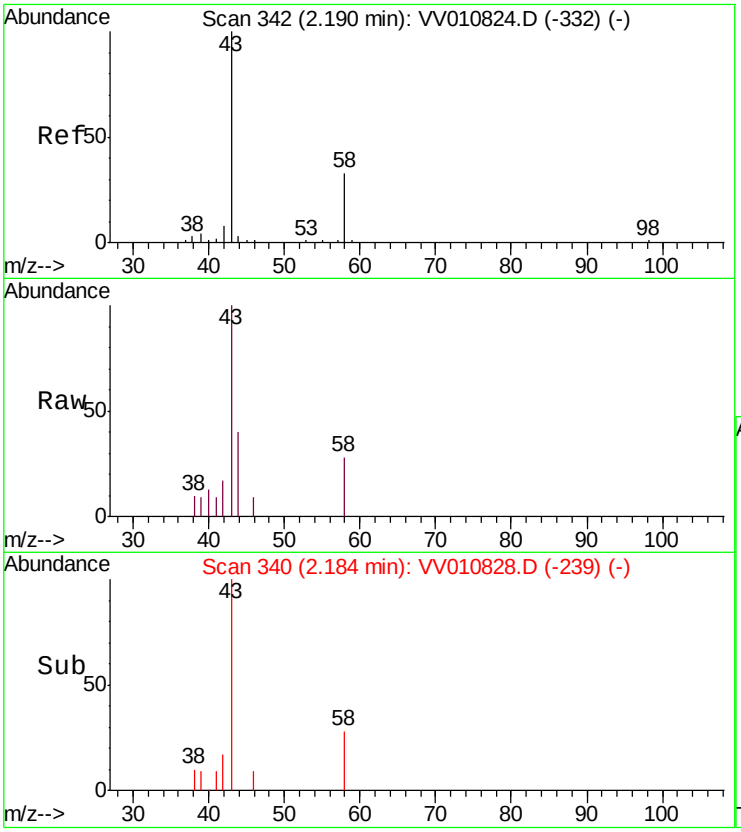
Quant Time: May 11 00:26:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration



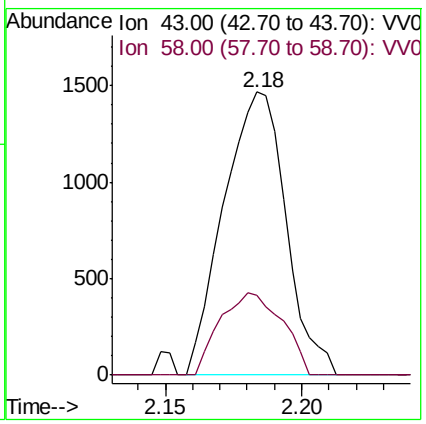


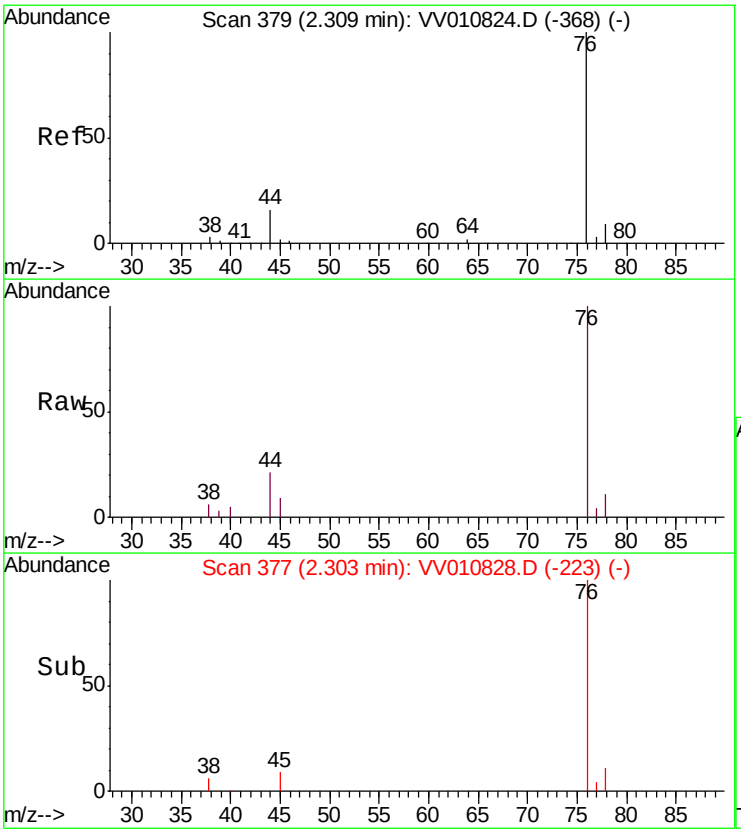
#13
Acetone
Concen: 3.889 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Instrument : MSVOA_V
ClientSampleId : A5177

Tgt Ion: 43 Resp: 2322

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	63.4

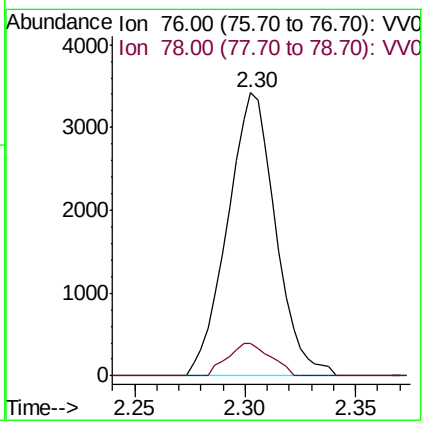


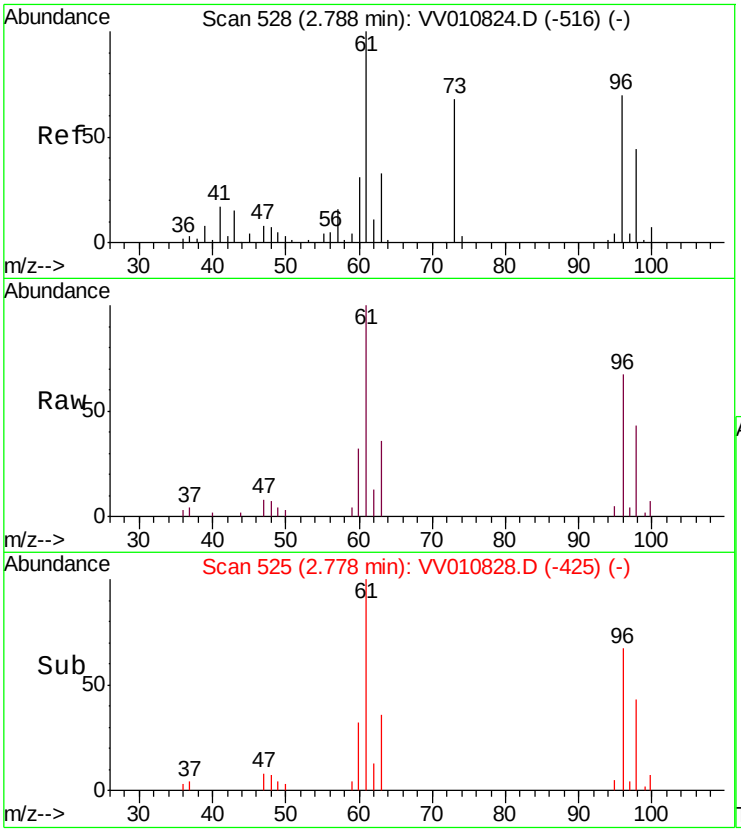


#14
Carbon disulfide
Concen: 1.620 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.01 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Tgt Ion: 76 Resp: 5186

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.8	11.8



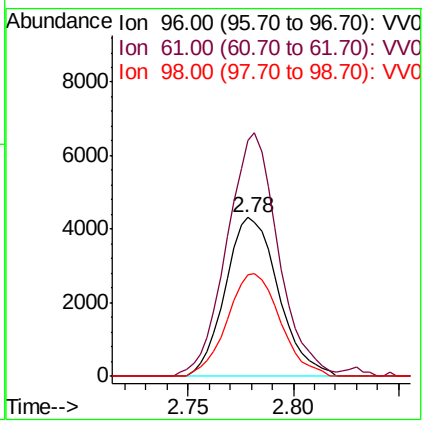


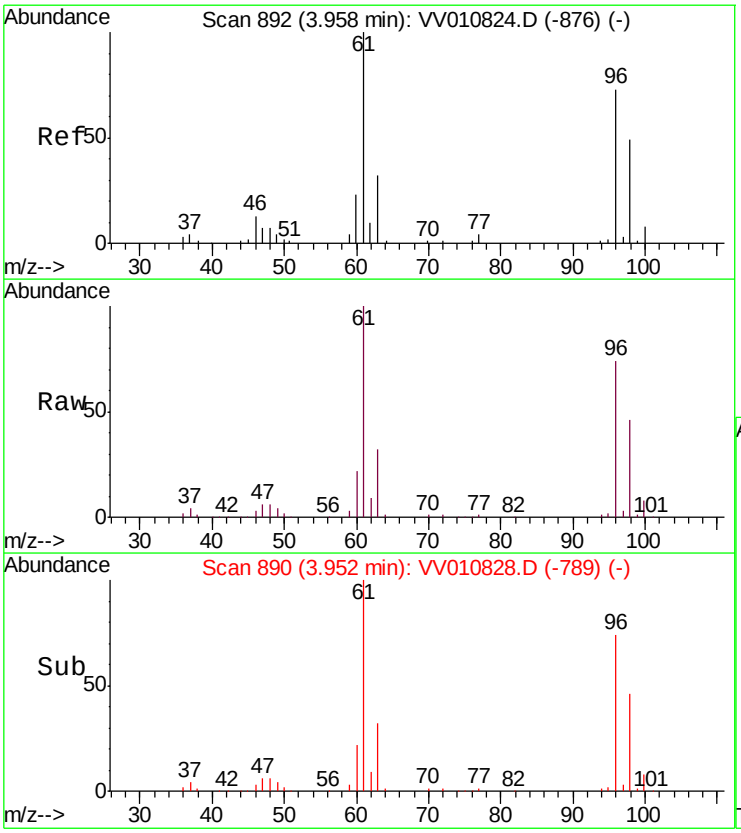
#18
trans-1,2-Dichloroethene
Concen: 6.426 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.01 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Instrument : MSVOA_V
ClientSampleId : A5177

Tgt Ion: 96 Resp: 7565

Ion	Ratio	Lower	Upper
96	100		
61	148.7	102.8	190.8
98	64.0	44.0	81.6

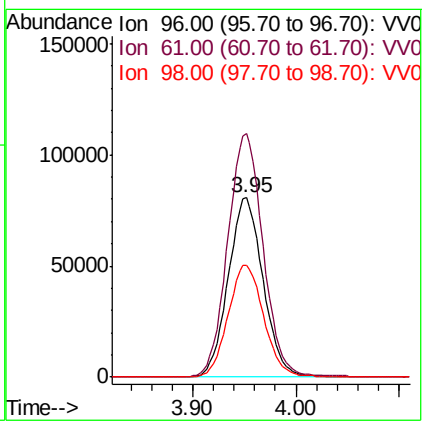


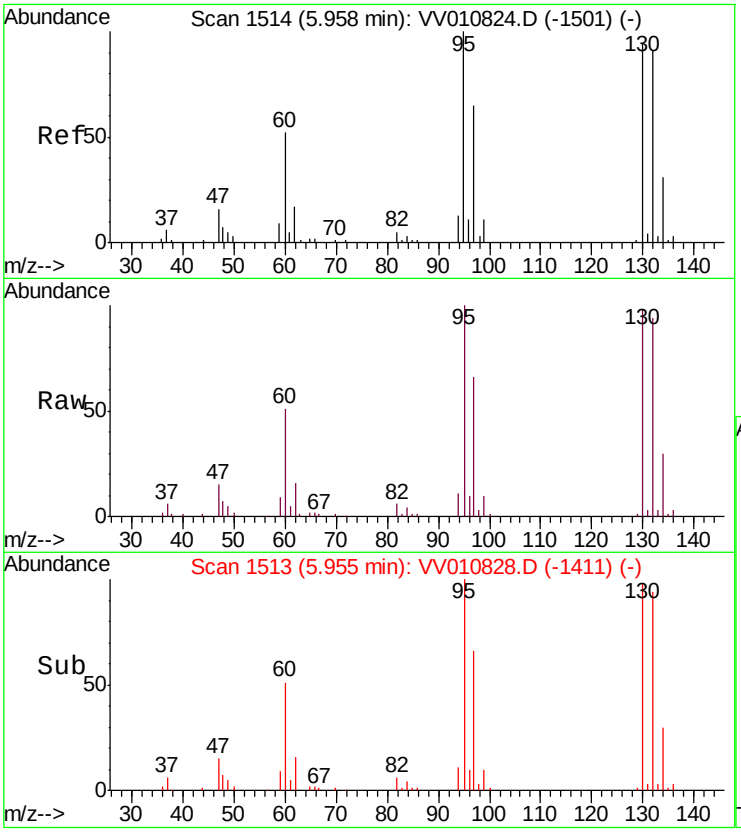


#22
cis-1,2-Dichloroethene
Concen: 141.435 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Tgt Ion: 96 Resp: 190192

Ion	Ratio	Lower	Upper
96	100		
61	135.9	93.9	174.5
98	62.7	46.5	86.5



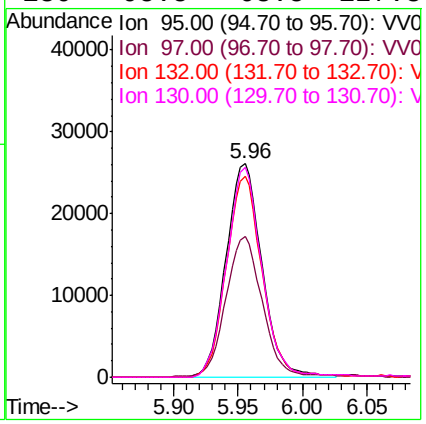


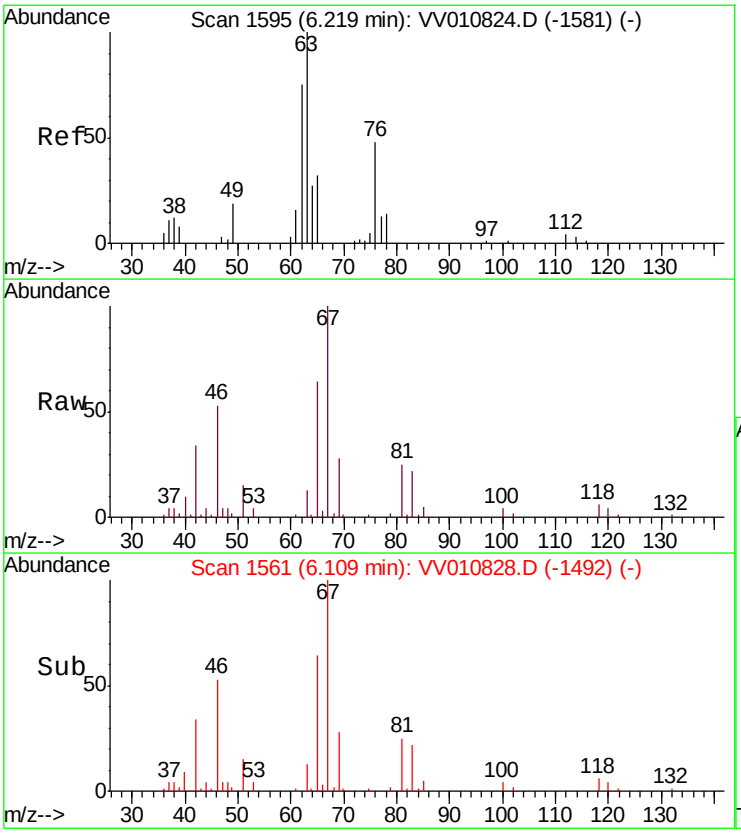
#35
Trichloroethene
Concen: 37.787 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Instrument :
MSVOA_V
ClientSampleId :
A5177

Tgt Ion: 95 Resp: 50737

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.3	82.3
132	92.9	62.4	115.8
130	95.5	68.5	127.3

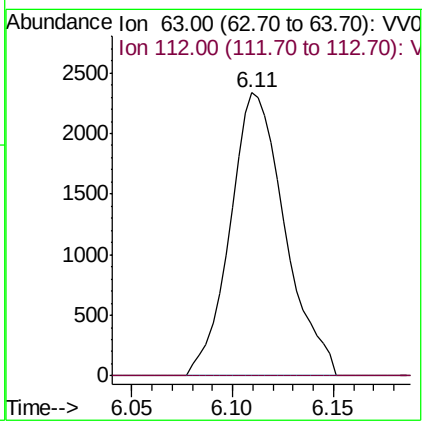


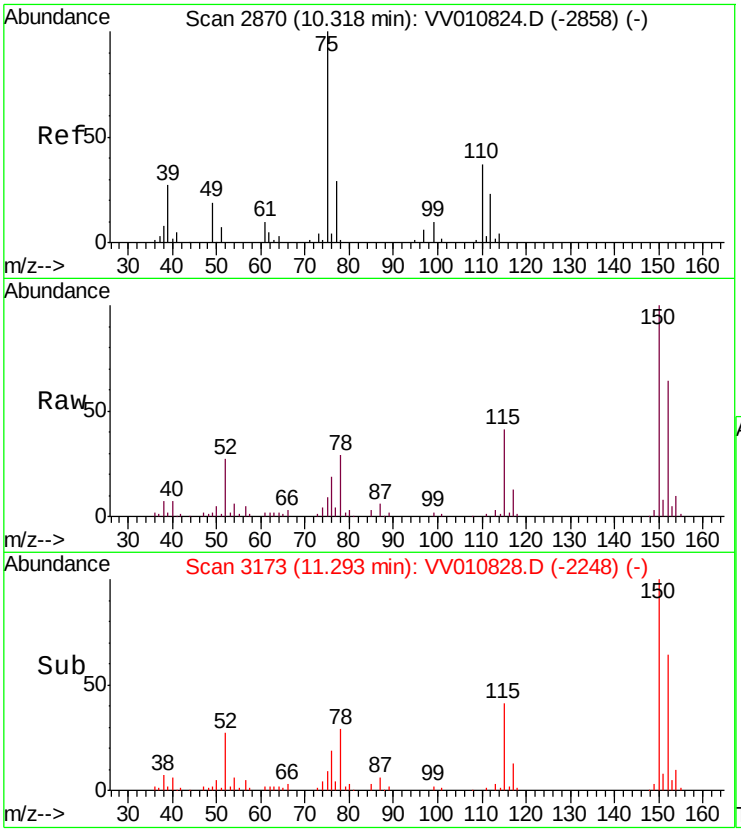


#40
1,2-Dichloropropane
Concen: 3.484 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Tgt Ion: 63 Resp: 4443

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 4.004 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010828.D
Acq: 10 May 2019 23:00

Instrument :
MSVOA_V
ClientSampleId :
A5177

Tgt Ion: 75 Resp: 4289

Ion	Ratio	Lower	Upper
75	100		
77	41.4	25.0	37.6#