Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (LSC Reviewed)

Data File : VV010930.D
Acq On : 16 May 2019 13:15
Operator : SY/MD
Sample : K2788-14
Misc : 6.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A4

Quant Time: May 17 05:57:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134589	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51920	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31775	18.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.12%			
7) Chloroethane-d5	1.57	69	25709	23.01	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.04%			
10) 1,1-Dichloroethene-d2	2.12	63	50887	15.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.72%			
20) 2-Butanone-d5	3.94	46	30687	56.88	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.76%			
24) Chloroform-d	4.40	84	76556	19.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.80%			
26) 1,2-Dichloroethane-d4	5.08	65	46074	20.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.44%			
29) Benzene-d6	5.09	84	154430	20.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.24%			
33) 1,2-Dichloropropane-d6	6.12	67	51519	21.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.04%			
37) Toluene-d8	7.36	98	139946	19.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.52%			
38) trans-1,3-Dichloropropene-	7.66	79	21018	20.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.40%			
39) 2-Hexanone-d5	8.13	63	21785	48.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49264	22.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	46503	21.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.76%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	5837	3.763	ug/L #	1
13) Acetone	2.19	43	7794	14.184	ug/L	97
14) Carbon disulfide	2.31	76	12644	2.707	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	4285	2.319	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	2677816	1238.550	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	15803	5.427	ug/L	97
35) Trichloroethene	5.96	95	3240985	1600.356	ug/L	98
47) Tetrachloroethene	8.02	164	45687	30.531	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (LSC Reviewed)

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Operator : SY/MD
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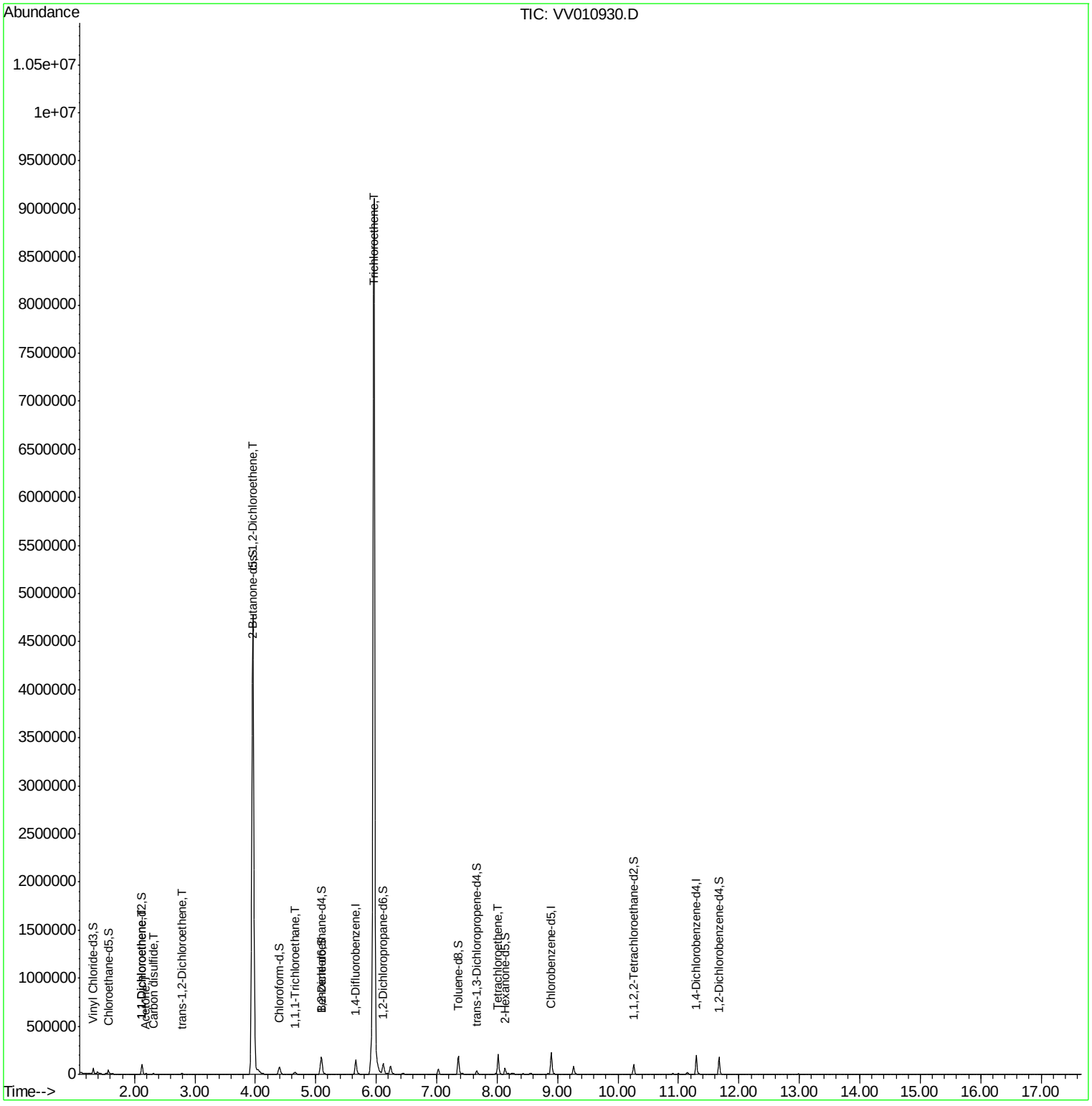
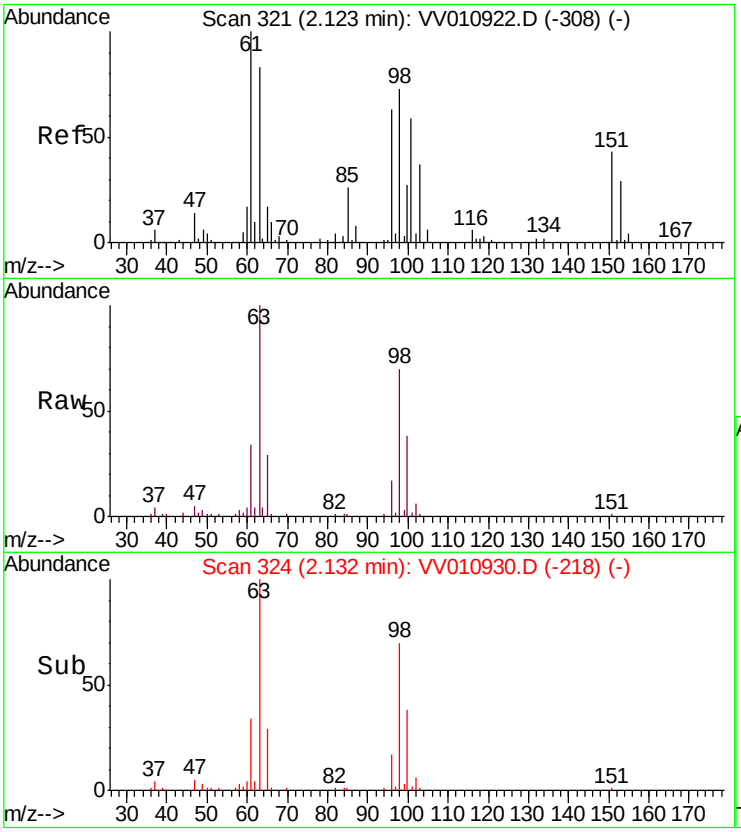
Misc : 6.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A4

Quant Time: May 17 05:57:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration



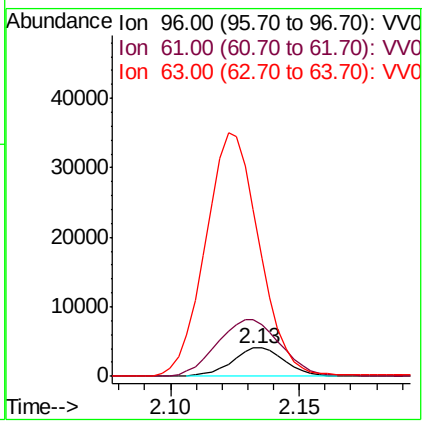


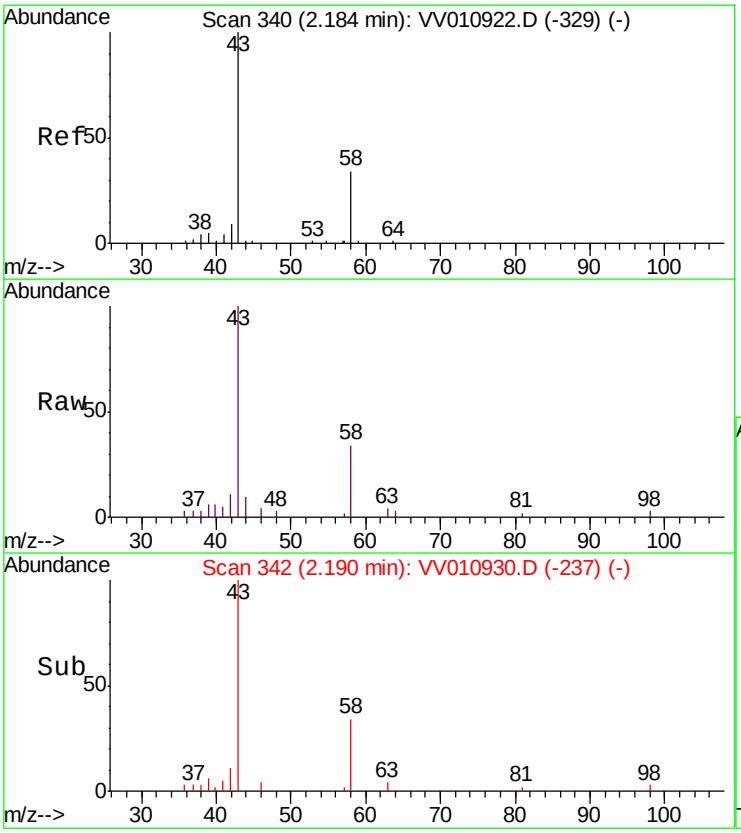
#12
1,1-Dichloroethene
Concen: 3.763 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Instrument : MSVOA_V
ClientSampleId : A51A4

Tgt Ion: 96 Resp: 5837

Ion	Ratio	Lower	Upper
96	100		
61	199.9	117.5	218.3
63	588.3	82.8	153.8#

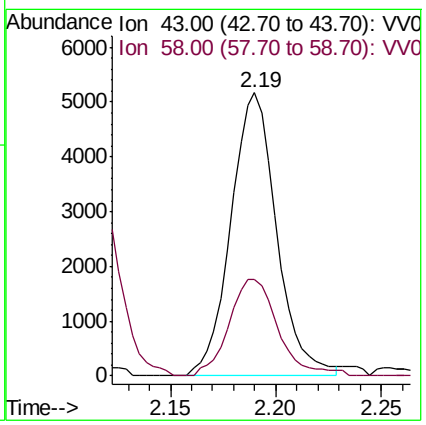


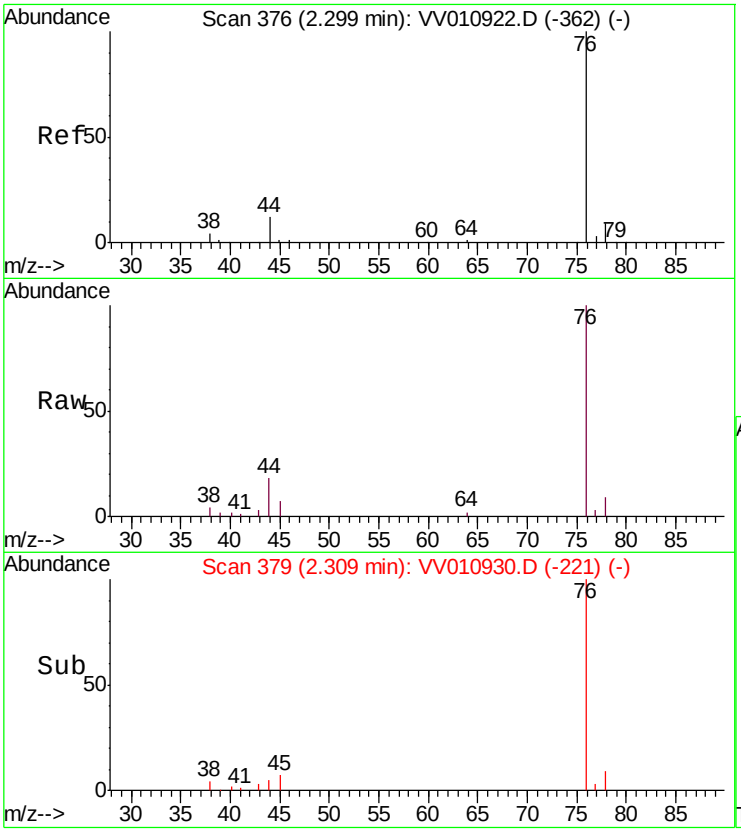


#13
Acetone
Concen: 14.184 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Tgt Ion: 43 Resp: 7794

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	69.2



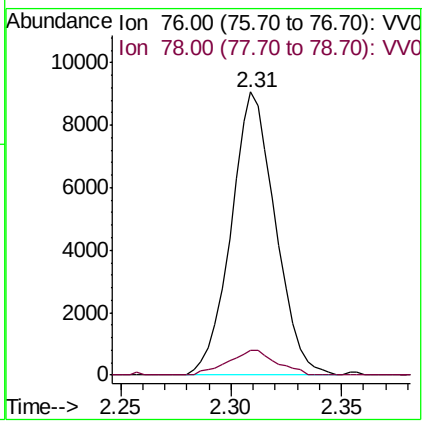


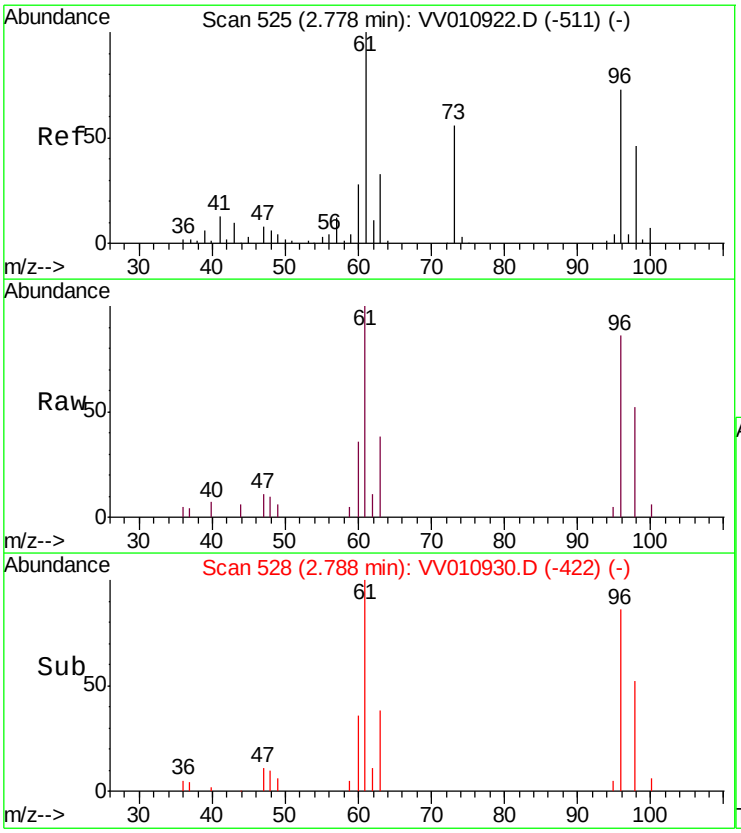
#14
Carbon disulfide
Concen: 2.707 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Tgt Ion: 76 Resp: 12644

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

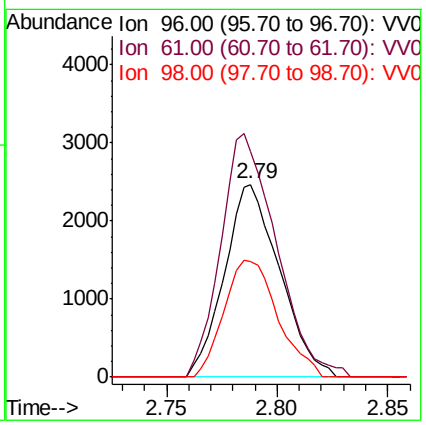


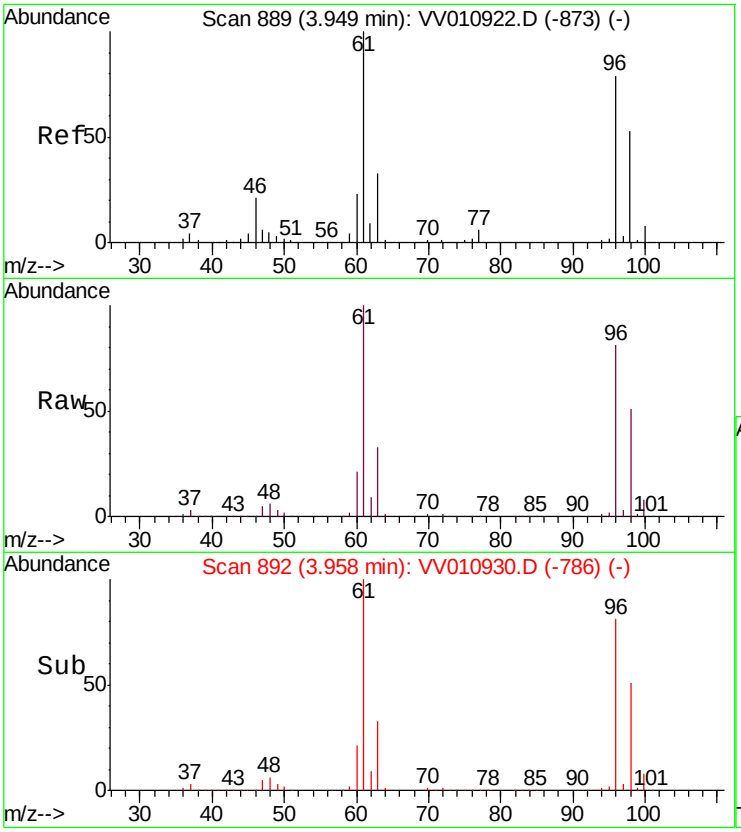


#18
trans-1,2-Dichloroethene
Concen: 2.319 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Tgt Ion: 96 Resp: 4285

Ion	Ratio	Lower	Upper
96	100		
61	116.9	95.0	176.4
98	60.2	43.3	80.3



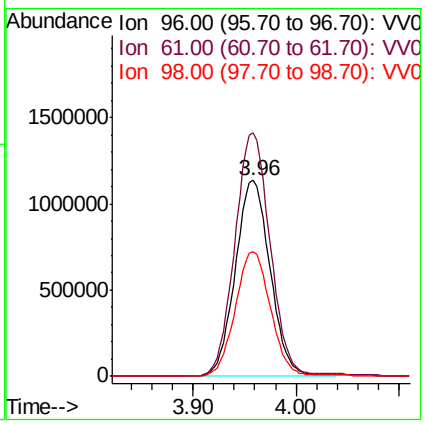


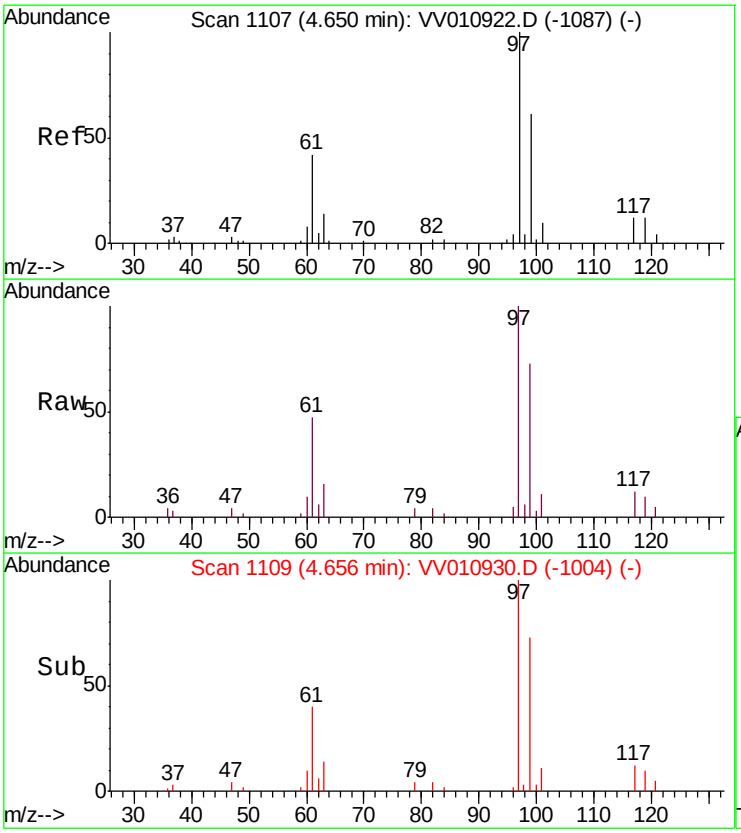
#22
cis-1,2-Dichloroethene
Concen: 1238.550 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Tgt Ion: 96 Resp: 2677816

Ion	Ratio	Lower	Upper
96	100		
61	124.1	90.2	167.6
98	63.7	44.2	82.0

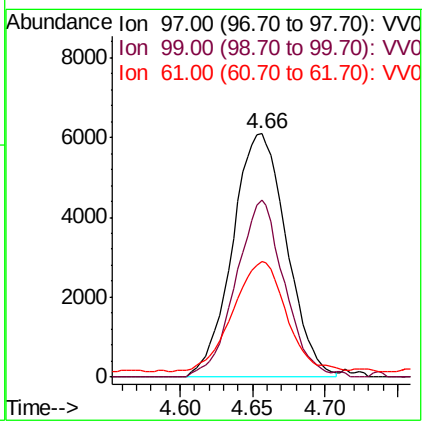


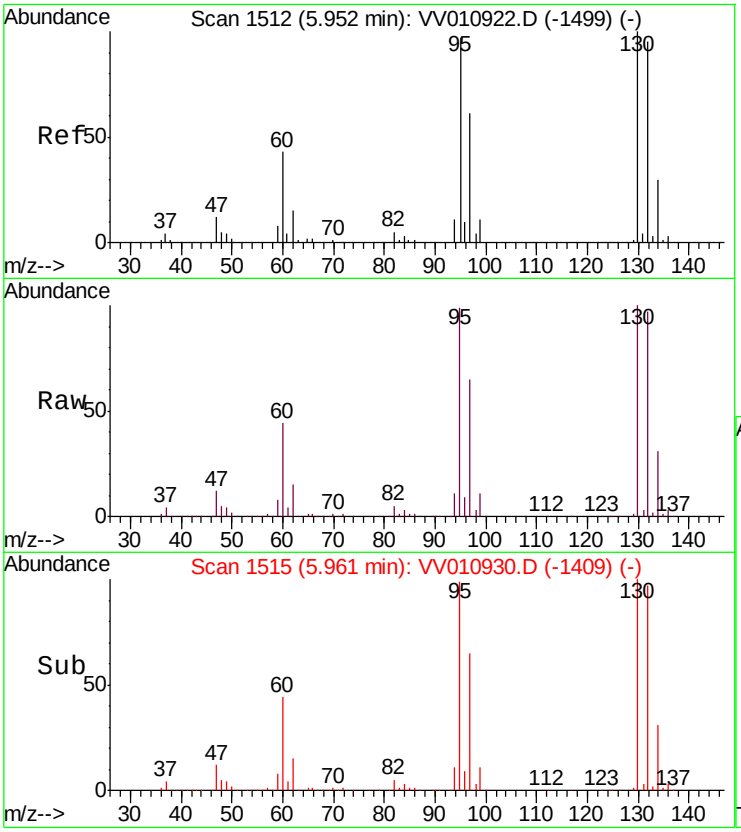


#31
1,1,1-Trichloroethane
Concen: 5.427 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Tgt Ion: 97 Resp: 15803

Ion	Ratio	Lower	Upper
97	100		
99	65.0	49.4	74.2
61	42.8	34.6	51.8



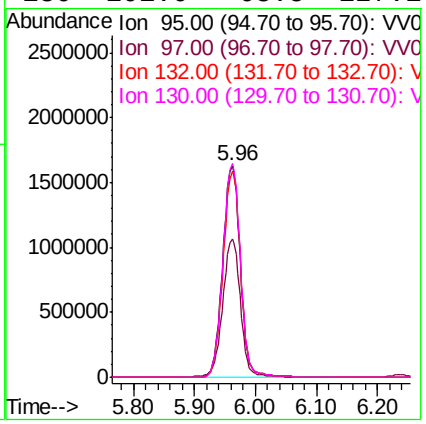


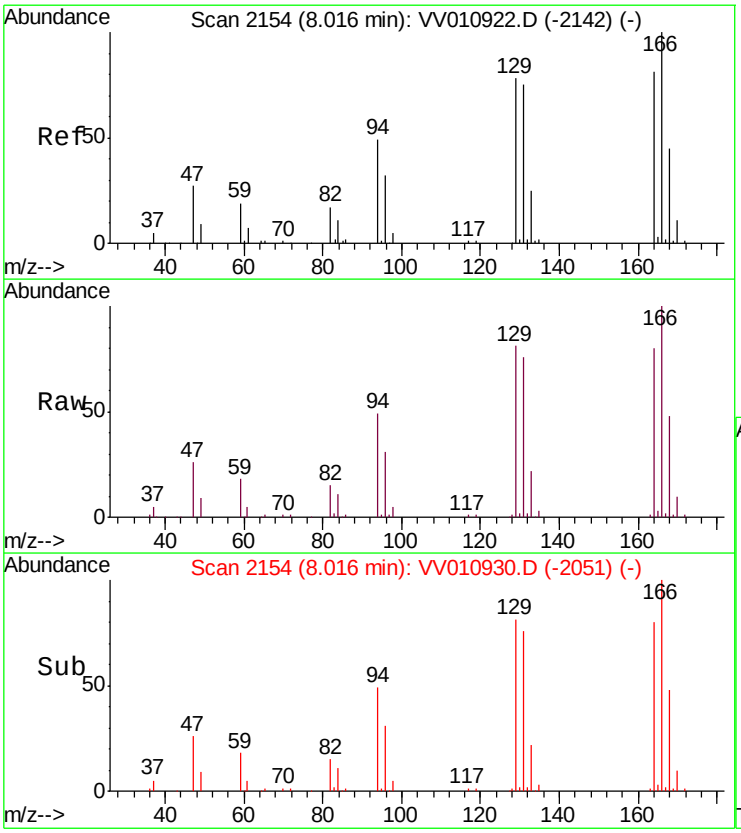
#35
Trichloroethene
Concen: 1600.356 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Tgt Ion: 95 Resp: 3240985

Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.0	85.4
132	97.0	67.4	125.2
130	101.0	68.5	127.1





#47
Tetrachloroethene
Concen: 30.531 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010930.D
Acq: 16 May 2019 13:15

Tgt Ion:164 Resp: 45687

Ion	Ratio	Lower	Upper
164	100		
129	100.8	67.6	125.6
131	94.8	65.1	120.9
166	124.3	84.8	157.6