Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031912.D
Acq On : 11 May 2019 00:40
Operator : JC/SP
Sample : K2705-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B53

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:49:43 AM

Quant Time: May 11 04:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1021253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1037938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	374905	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	372649	43.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.20%			
7) Chloroethane-d5	1.67	69	321154m	48.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.24%			
11) 1,1-Dichloroethene-d2	2.27	63	542134m	31.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.70%			
21) 2-Butanone-d5	4.17	46	665850	85.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.98%			
24) Chloroform-d	4.64	84	685653	43.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.30	65	463997	45.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.74%			
32) Benzene-d6	5.33	84	1431235	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.82%			
36) 1,2-Dichloropropane-d6	6.32	67	486708	43.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.80%			
41) Toluene-d8	7.56	98	1222782	44.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.10%			
43) trans-1,3-Dichloropropene-	7.85	79	190301	39.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.06%			
47) 2-Hexanone-d5	8.31	63	430736	88.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.75%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	681506	45.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	401490	50.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.84%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	101101	7.959	ug/L	92
12) 1,1-Dichloroethene	2.28	96	32514	4.081	ug/L #	1
13) Acetone	2.32	43	10508	1.205	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	22742	2.739	ug/L	86
20) cis-1,2-Dichloroethene	4.22	96	2829988	317.764	ug/L	95
34) Trichloroethene	6.18	95	1701777	183.970	ug/L	97
46) Tetrachloroethene	8.22	164	216699	34.363	ug/L	95

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

Quantitation Report (QT/LSC Reviewed)

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Operator : JC/SP
Sample : K2705-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B53

Manual Integrations APPROVED
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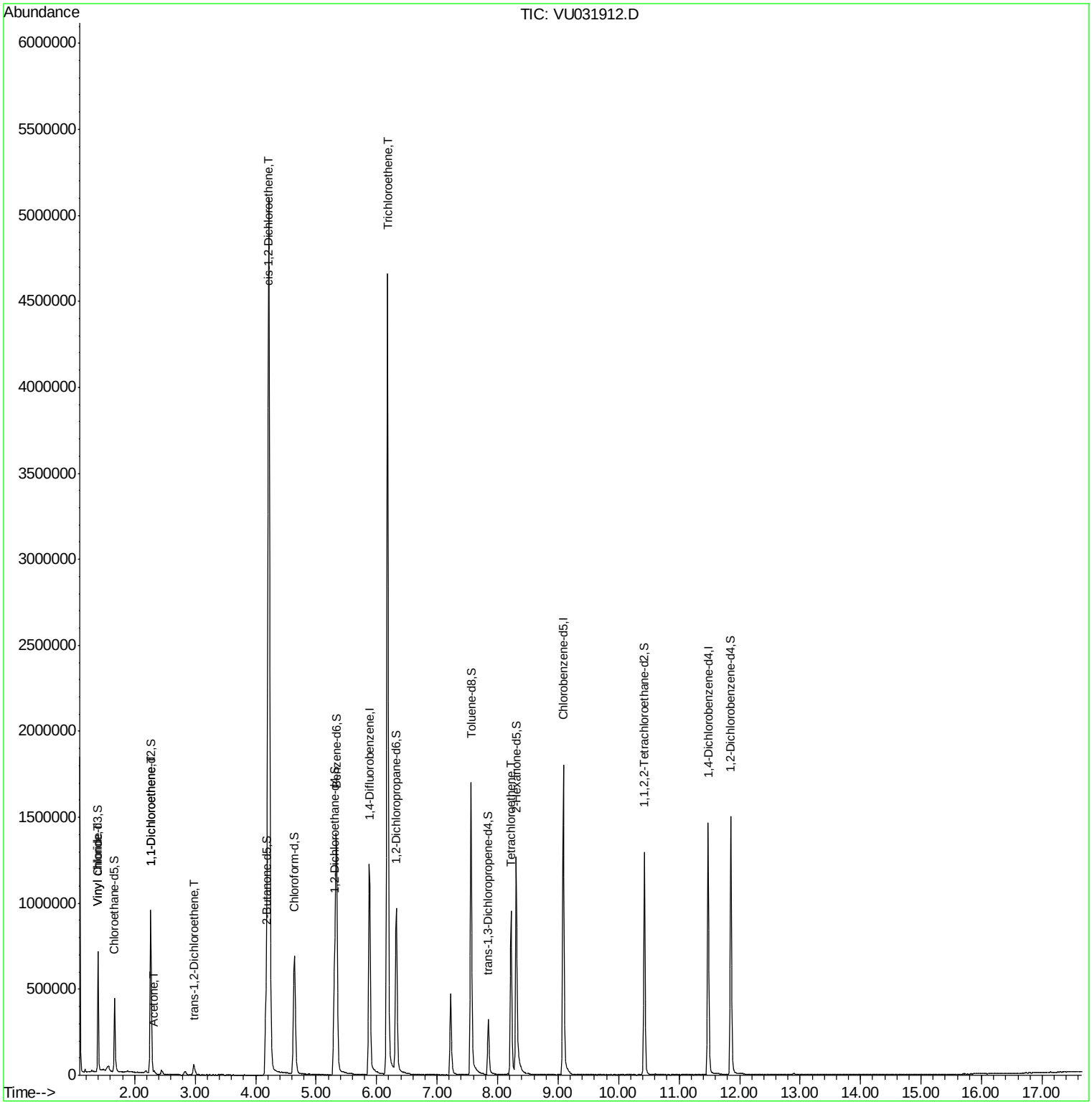
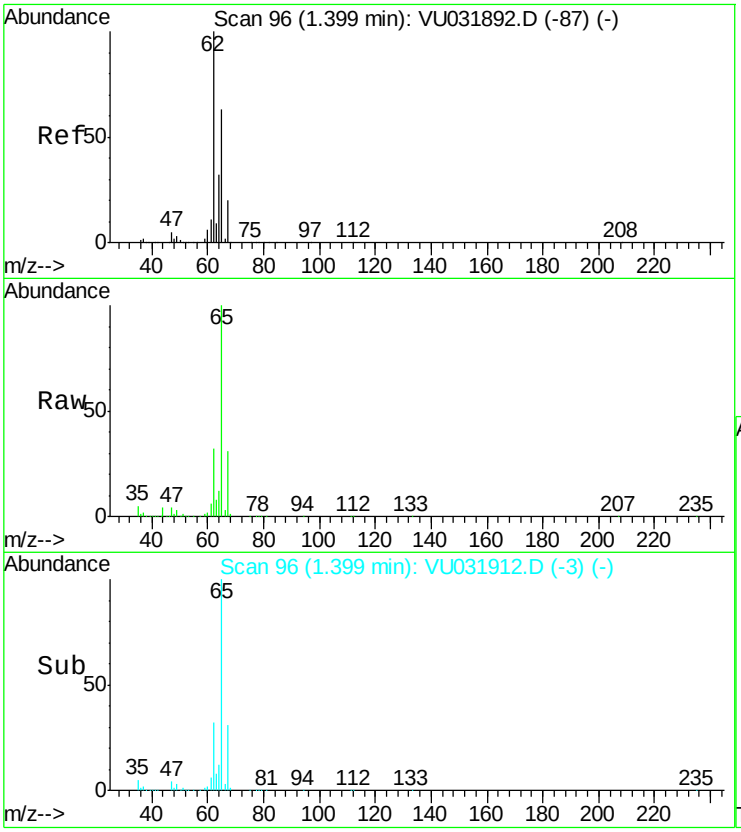
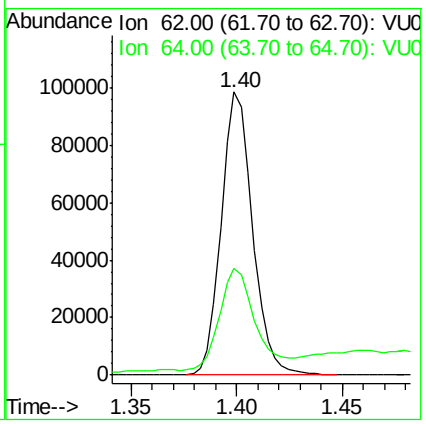




#5
Vinyl chloride
Concen: 7.959 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 62 Resp: 101101

Ion	Ratio	Lower	Upper
62	100		
64	37.7	23.1	42.9



Instrument :
MSVOA_U
ClientSampleId :
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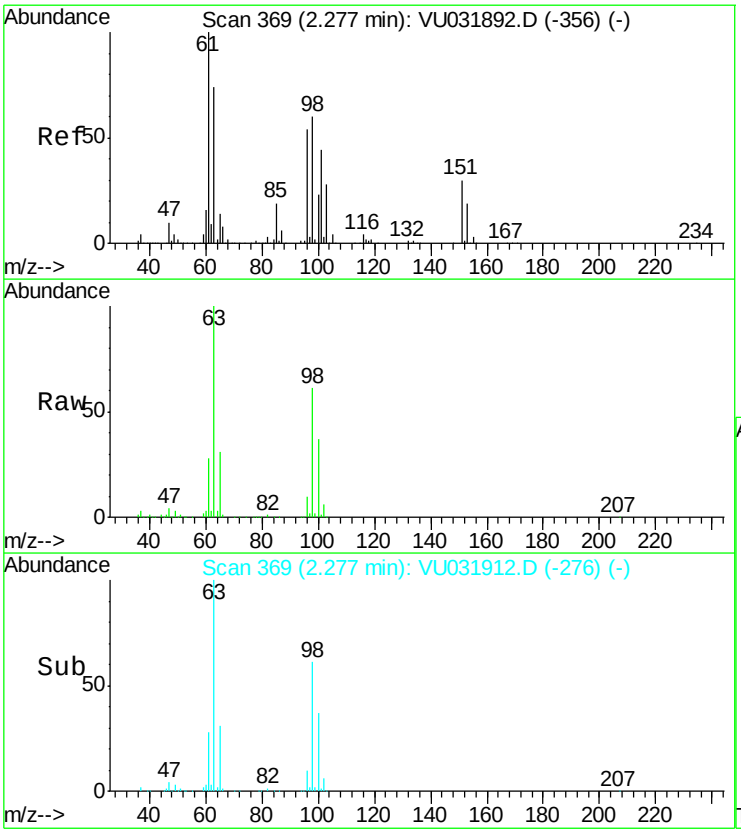
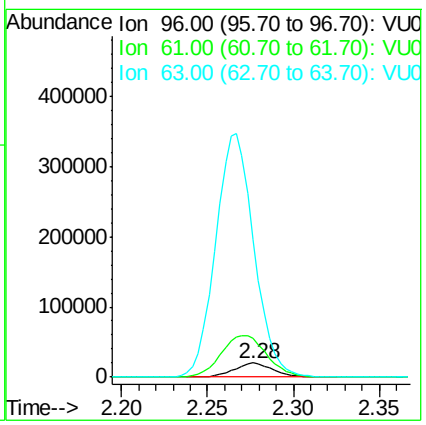
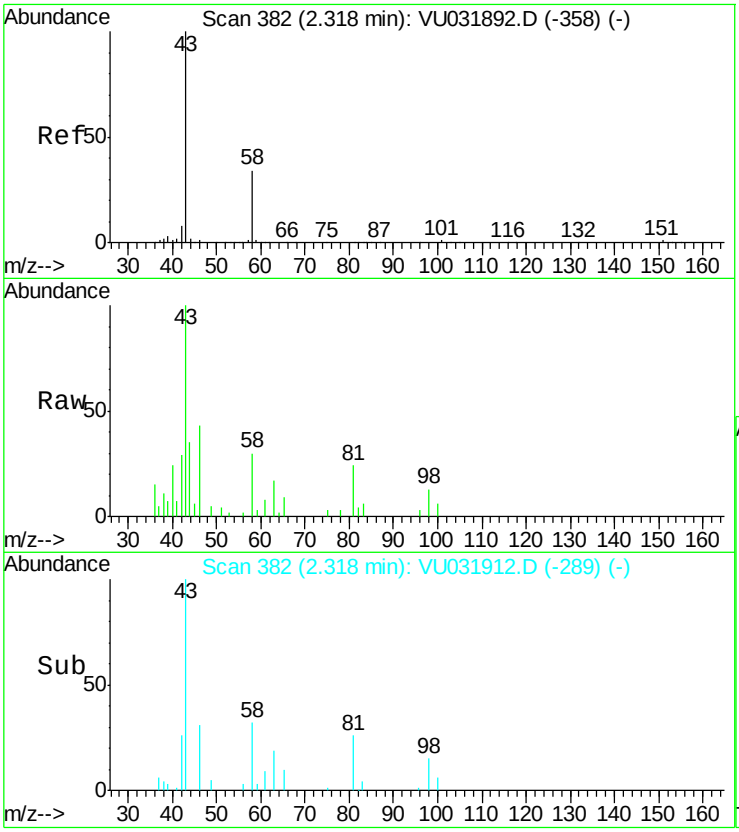


#12
1,1-Dichloroethene
Concen: 4.081 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 96 Resp: 32514

Ion	Ratio	Lower	Upper
96	100		
61	272.7	135.0	250.6#
63	970.1	103.5	192.3#

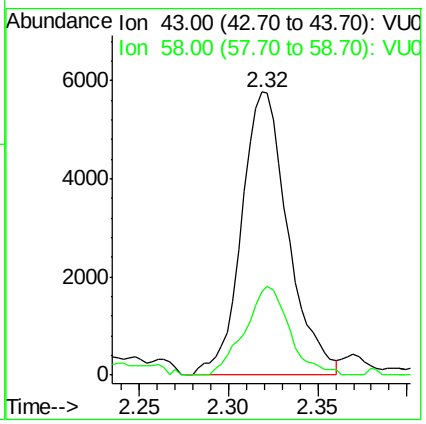




#13
Acetone
Concen: 1.205 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 43 Resp: 10508

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.4



Instrument :
MSVOA_U
ClientSampleId :
C0B53

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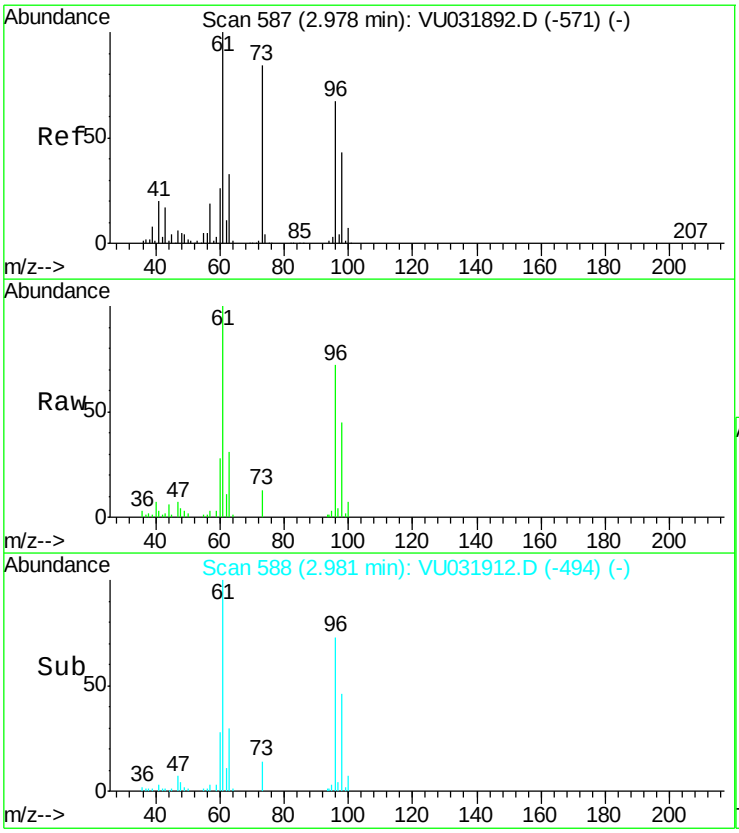
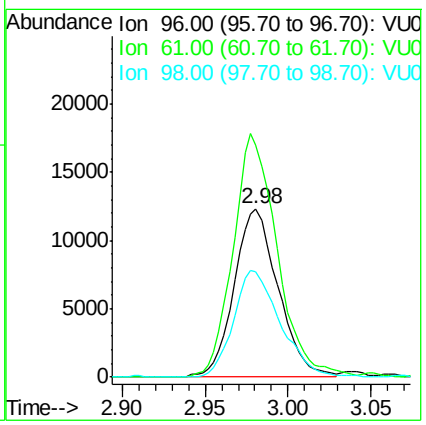
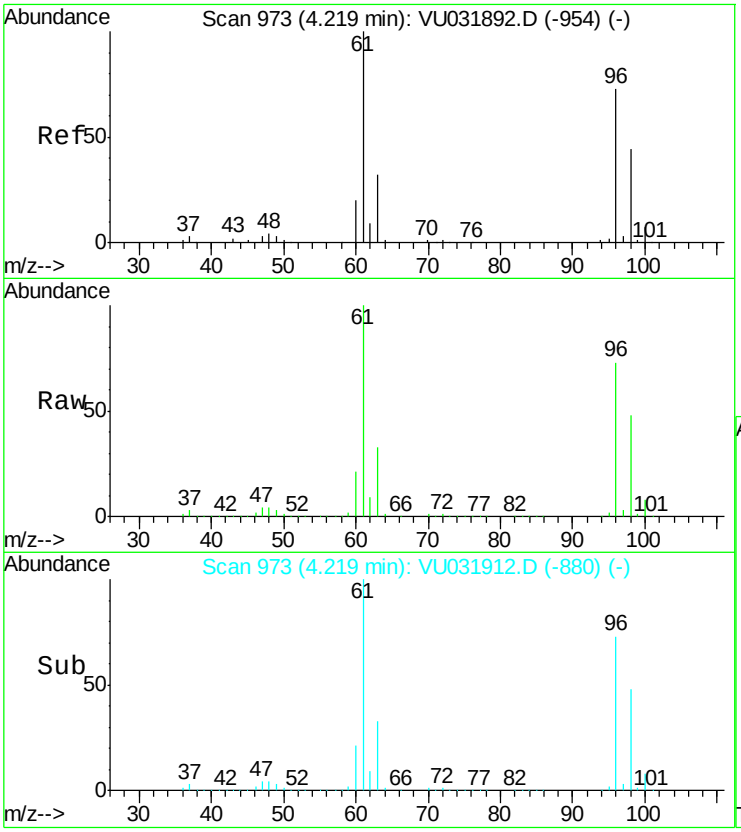


#17
trans-1,2-Dichloroethene
Concen: 2.739 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 96 Resp: 22742

Ion	Ratio	Lower	Upper
96	100		
61	138.2	114.5	212.7
98	62.4	45.4	84.2

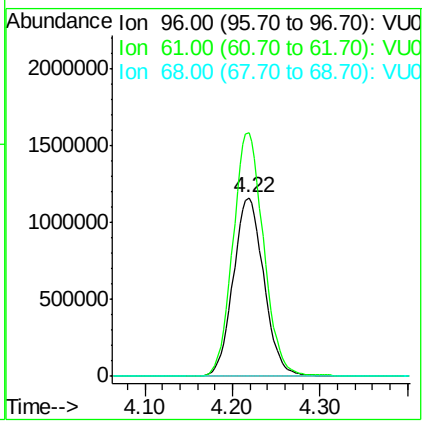




#20
cis-1,2-Dichloroethene
Concen: 317.764 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 96 Resp: 2829988

Ion	Ratio	Lower	Upper
96	100		
61	136.4	99.5	184.7
68	0.0	0.0	0.0



Instrument :
MSVOA_U
ClientSampleId :
C0B53

Manual Integrations APPROVED
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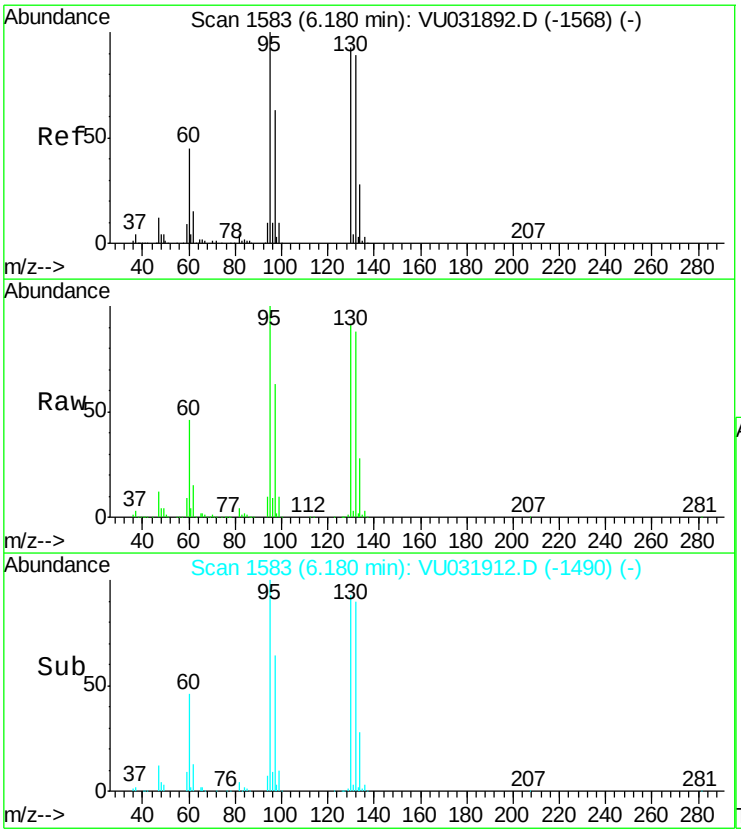
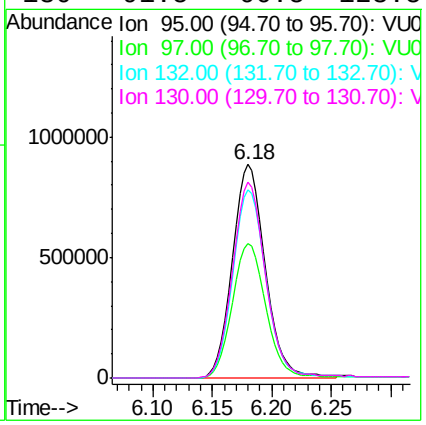
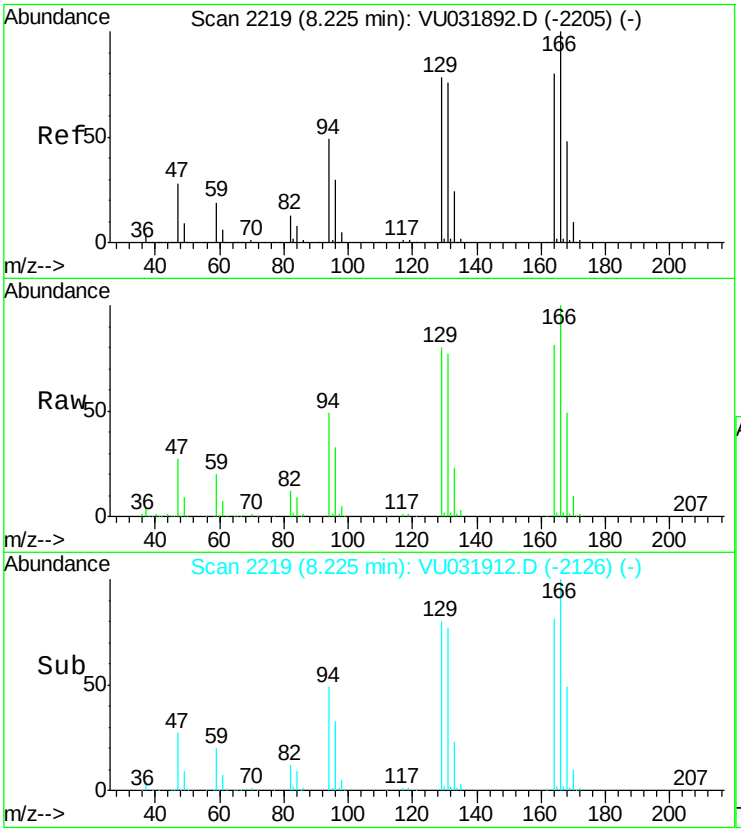


#34
Trichloroethene
Concen: 183.970 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion: 95 Resp: 1701777

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.8	83.2
132	88.1	63.1	117.1
130	91.5	66.5	123.5

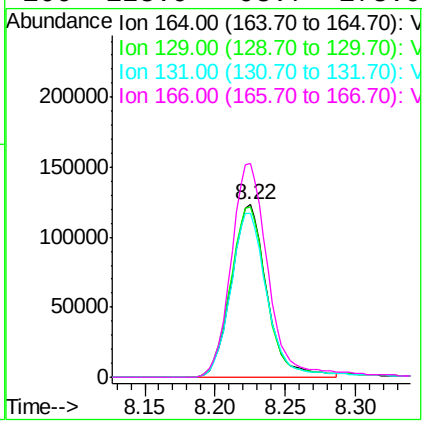




#46
Tetrachloroethene
Concen: 34.363 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031912.D
Acq: 11 May 2019 00:40

Tgt Ion:164 Resp: 216699

Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.5	132.9
131	95.0	69.0	128.2
166	123.9	93.7	173.9



Instrument :
MSVOA_U
ClientSampleId :
C0B53

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