Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030927.D
Acq On : 09 Apr 2019 00:12
Operator : JC/SP
Sample : K2248-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YC3

Manual Integrations APPROVED
MMDadoda
4/10/2019 9:38:08 AM

Quant Time: Apr 09 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:11:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225766	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90819	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	95424	5.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.60%			
7) Chloroethane-d5	1.68	69	80560	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.80%			
11) 1,1-Dichloroethene-d2	2.27	63	140332	3.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.40%			
20) 2-Butanone-d5	4.20	46	312094	70.20	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 140.40%#			
24) Chloroform-d	4.64	84	154448	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.31	65	99189	6.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 127.80%			
32) Benzene-d6	5.33	84	323806	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.33	67	110757	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.56	98	254279	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.85	79	38200	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
46) 2-Hexanone-d5	8.31	63	192385	60.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93360	6.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 131.80%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	88571	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	145927	5.402	ug/L	97
8) Chloroethane	1.69	64	674414	43.886	ug/L	98
13) Acetone	2.32	43	12800m	3.724	ug/L	
18) trans-1,2-Dichloroethene	2.97	96	4762	0.274	ug/L	92
19) 1,1-Dichloroethane	3.43	63	229313	6.233	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	134626	7.259	ug/L	98
27) 1,2-Dichloroethane	5.40	62	240915	11.071	ug/L	100
34) Trichloroethene	6.18	95	2594	0.137	ug/L #	75

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

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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:11:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YC3

Manual Integrations APPROVED
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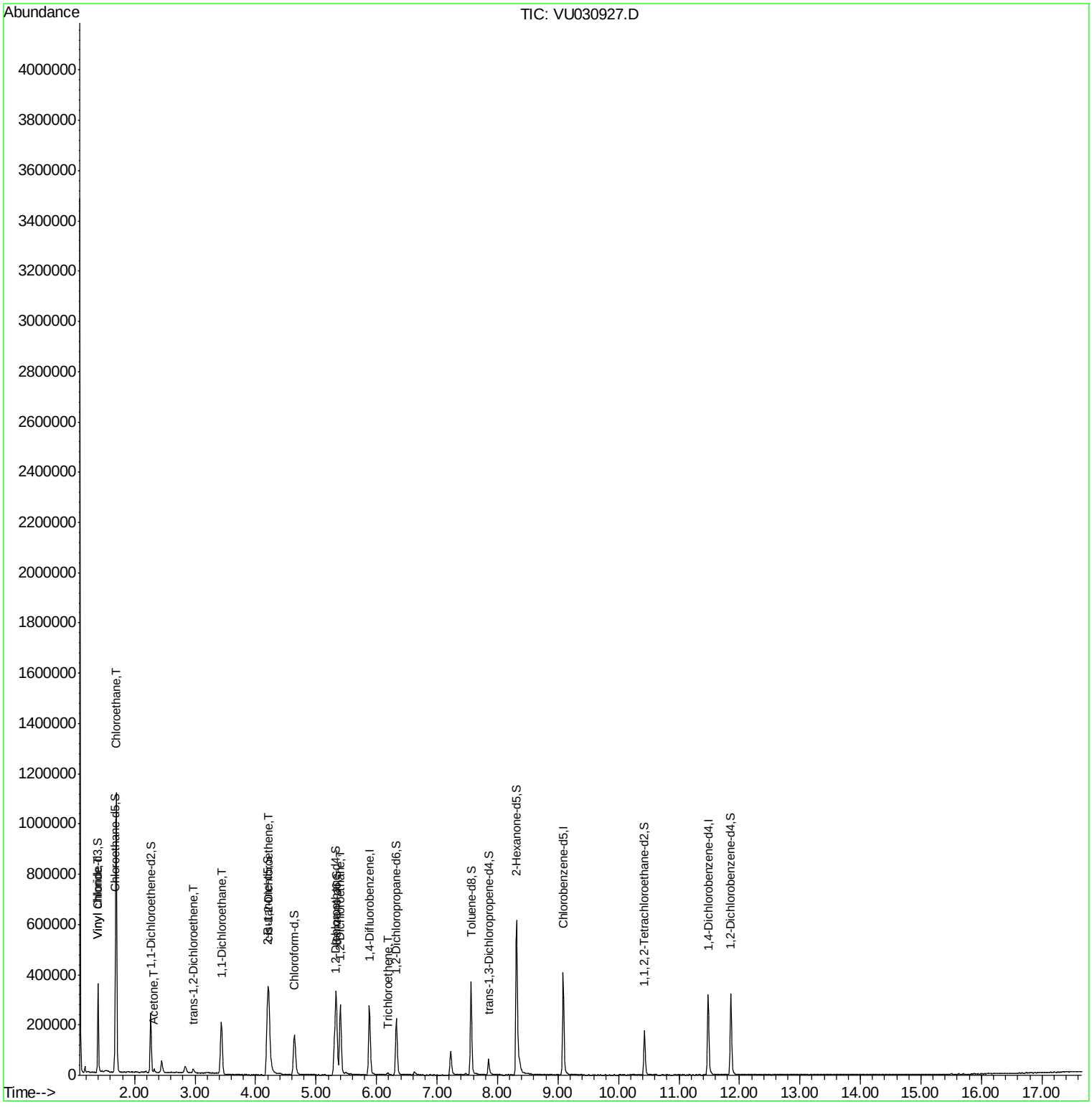
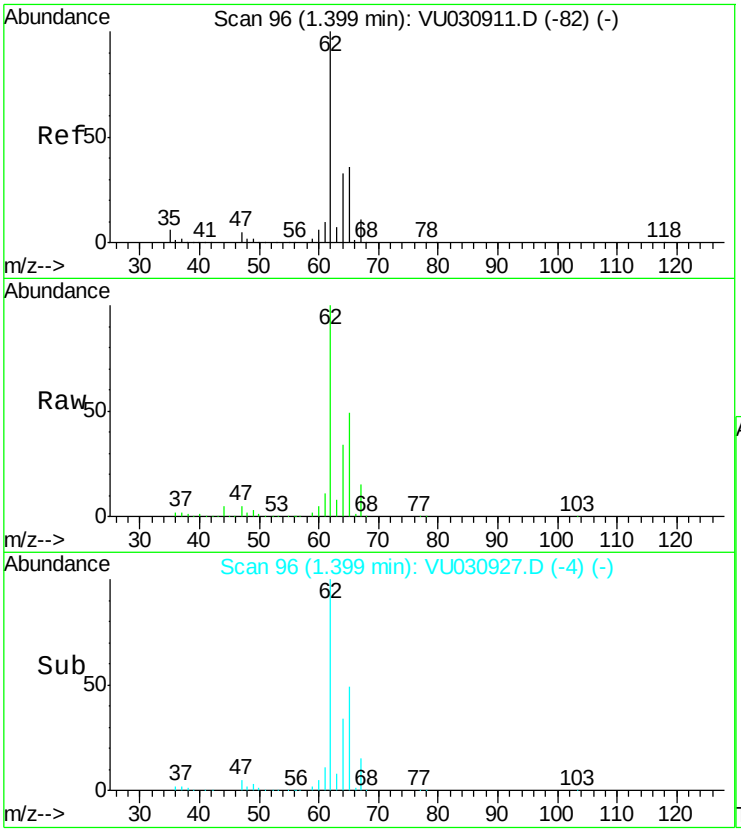
4/10/2019 9:38:08 AM

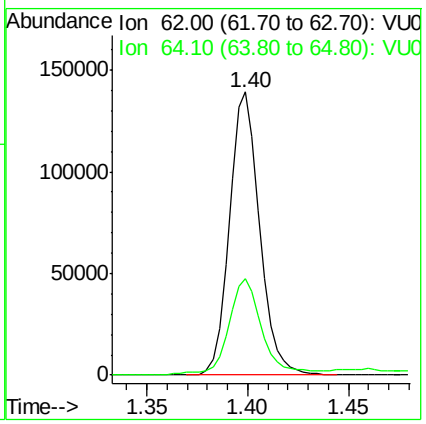




#5
Vinyl chloride
Concen: 5.402 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 62 Resp: 145927

Ion	Ratio	Lower	Upper
62	100		
64	33.9	22.5	41.9



Instrument :
MSVOA_U
ClientSampleId :
E3YC3

Manual Integrations APPROVED
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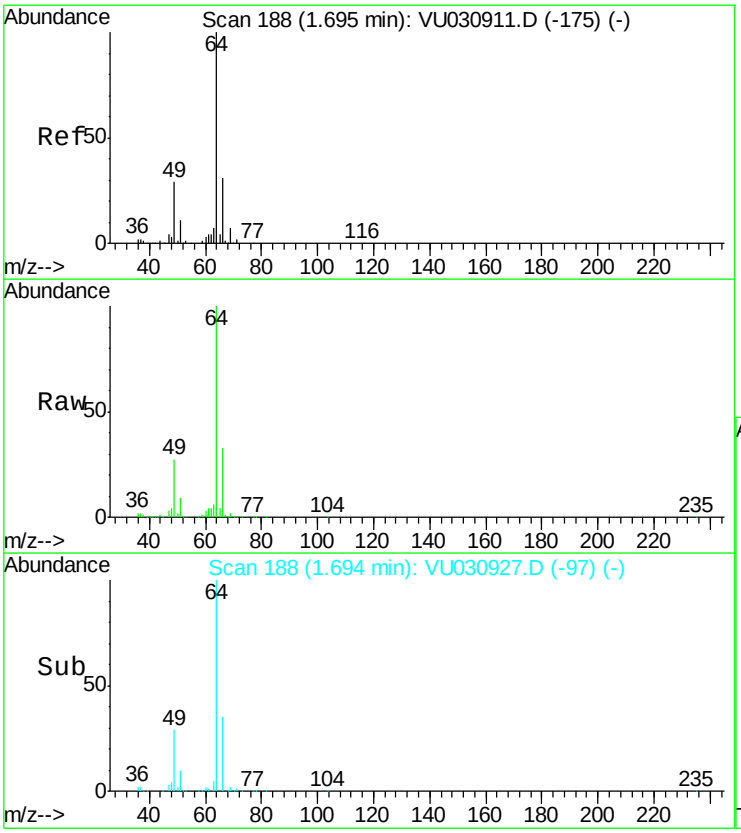
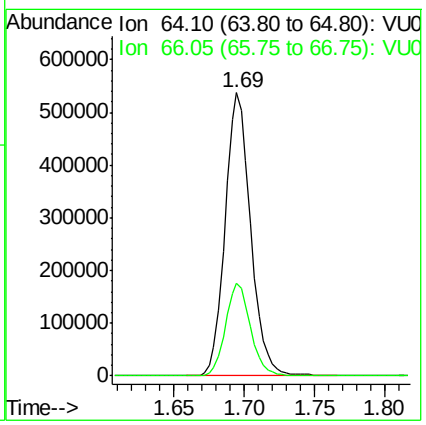
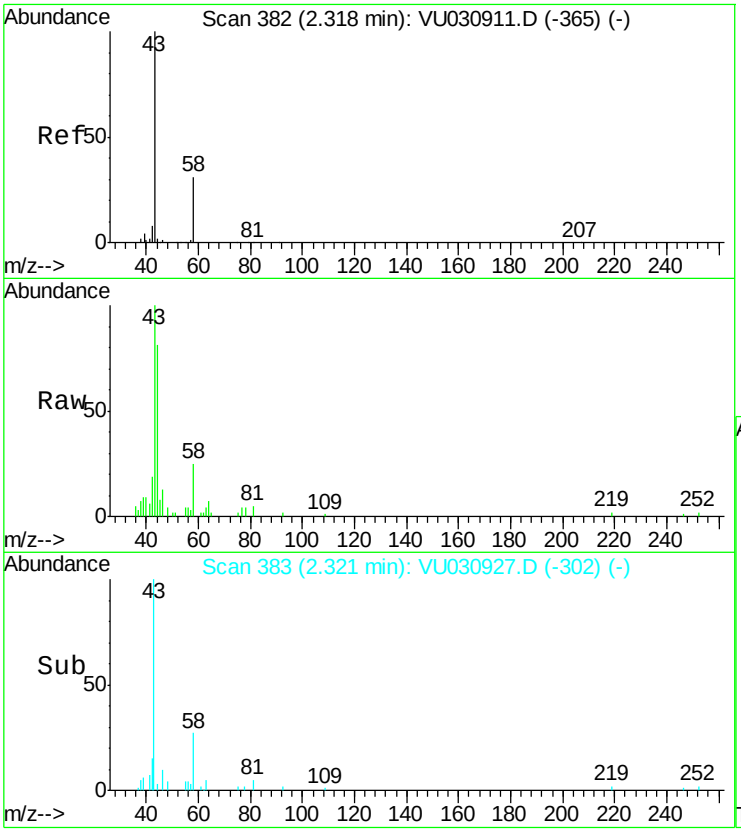


#8
Chloroethane
Concen: 43.886 ug/L
RT: 1.69 min Scan# 188
Delta R.T. -0.01 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 64 Resp: 674414

Ion	Ratio	Lower	Upper
64	100		
66	32.5	22.1	41.1

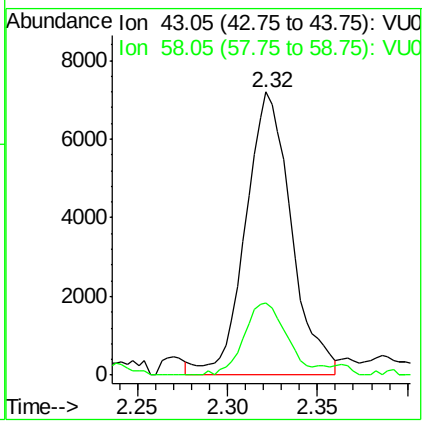




#13
Acetone
Concen: 3.724 ug/L m
RT: 2.32 min Scan# 383
Delta R.T. -0.04 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 43 Resp: 12800

Ion	Ratio	Lower	Upper
43	100		
58	1.3	0.0	62.8



Instrument :
MSVOA_U
ClientSampleId :
E3YC3

Manual Integrations APPROVED
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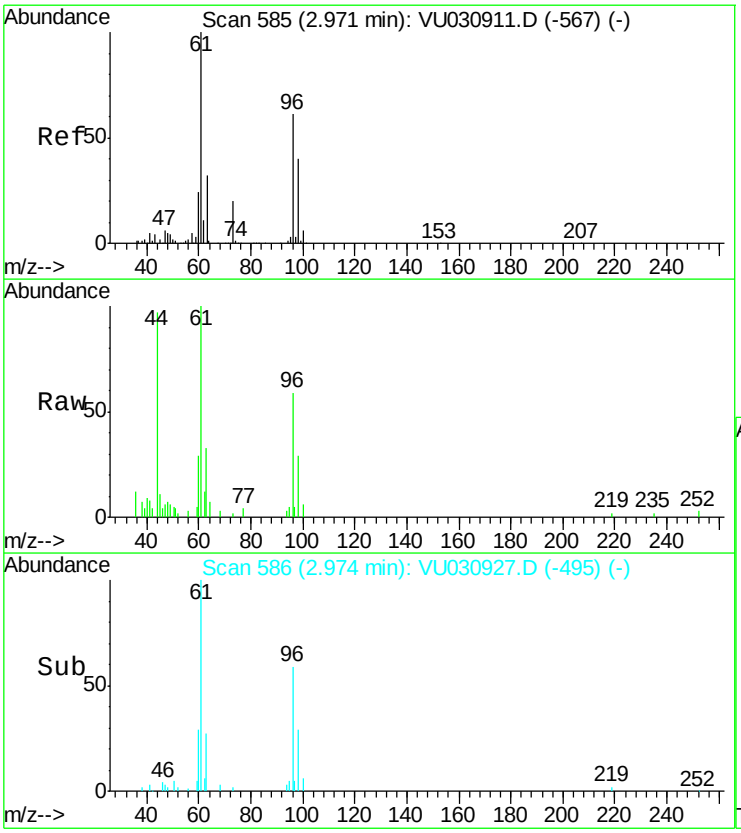
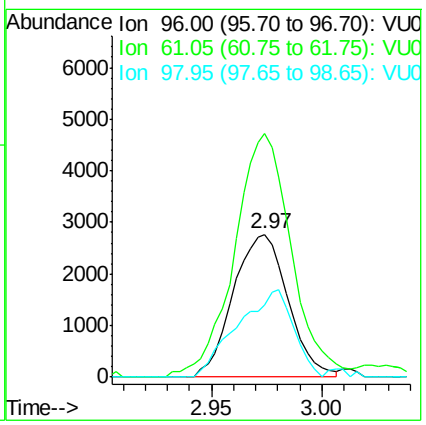
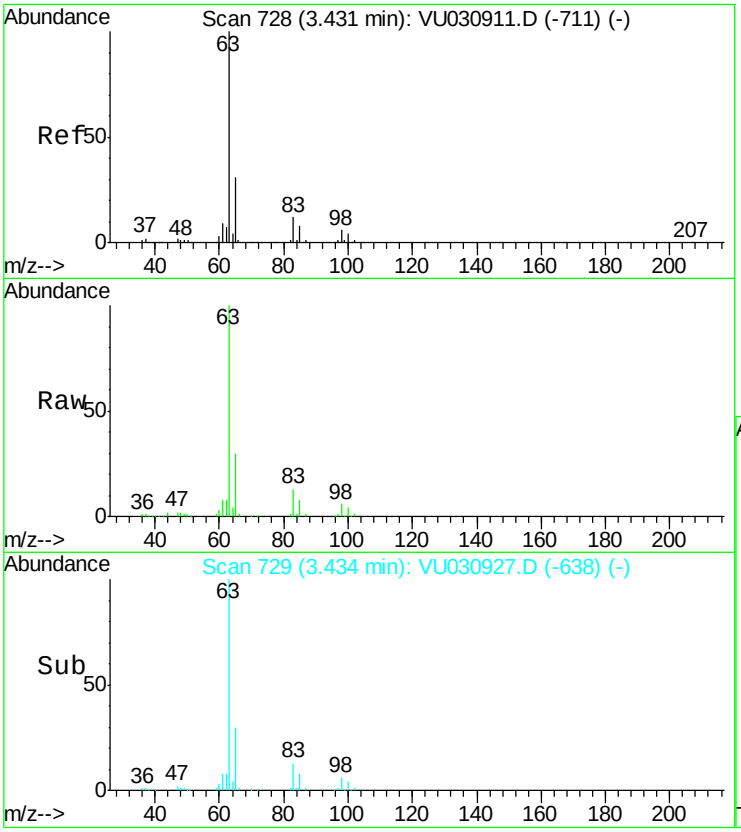


#18
trans-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 96 Resp: 4762

Ion	Ratio	Lower	Upper
96	100		
61	170.5	116.8	216.8
98	50.3	46.8	87.0

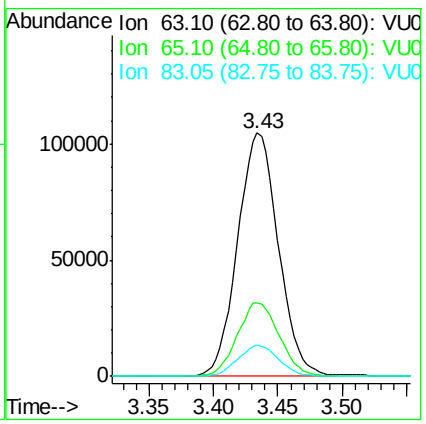




#19
1,1-Dichloroethane
Concen: 6.233 ug/L
RT: 3.43 min Scan# 729
Delta R.T. -0.01 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 63 Resp: 229313

Ion	Ratio	Lower	Upper
63	100		
65	30.4	21.6	40.0
83	12.7	9.1	16.9



Instrument :
MSVOA_U
ClientSampleId :
E3YC3

Manual Integrations APPROVED
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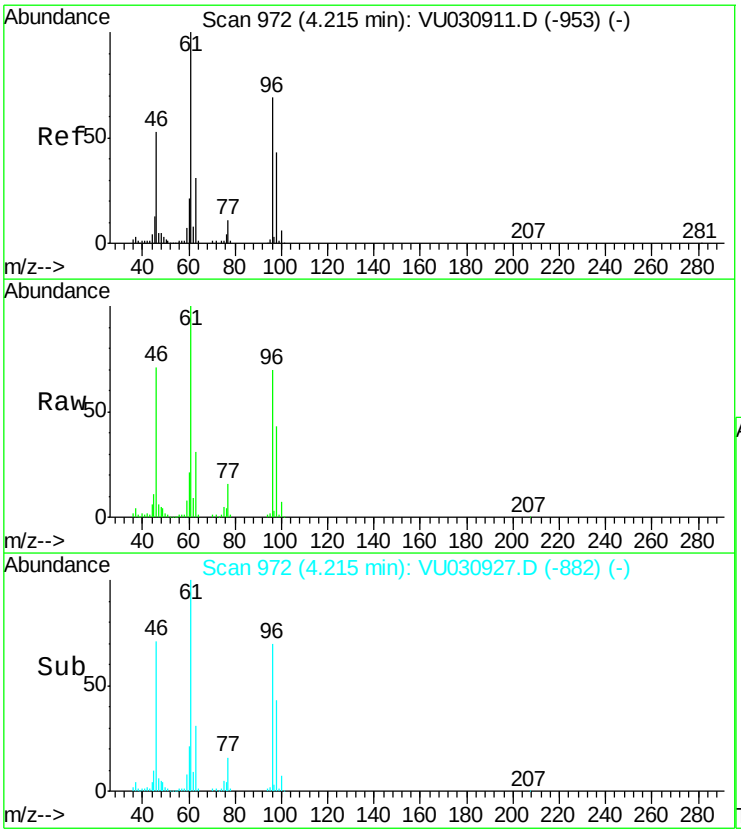
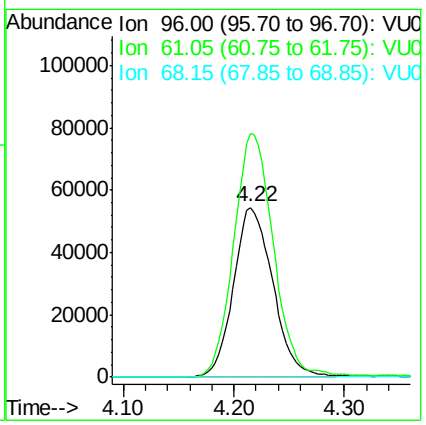
4/10/2019 9:38:08 AM

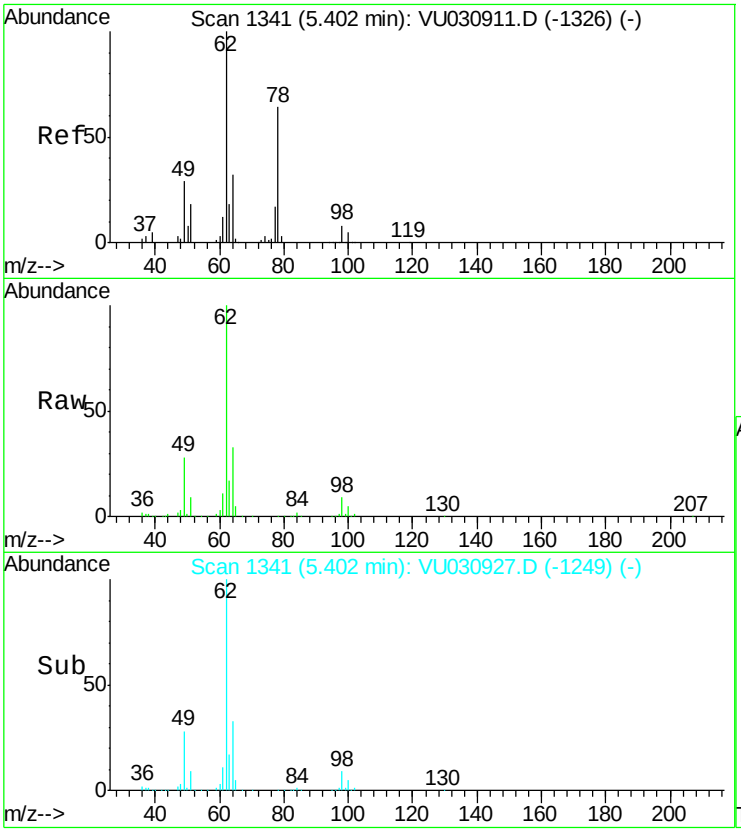


#22
cis-1,2-Dichloroethene
Concen: 7.259 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.01 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 96 Resp: 134626

Ion	Ratio	Lower	Upper
96	100		
61	143.5	98.9	183.7
68	0.0	0.0	0.0

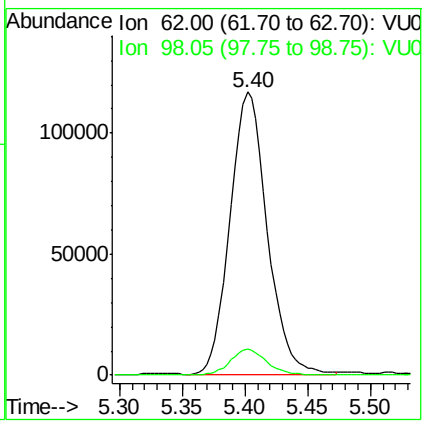




#27
1,2-Dichloroethane
Concen: 11.071 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 62 Resp: 240915

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2



Instrument :
MSVOA_U
ClientSampleId :
E3YC3

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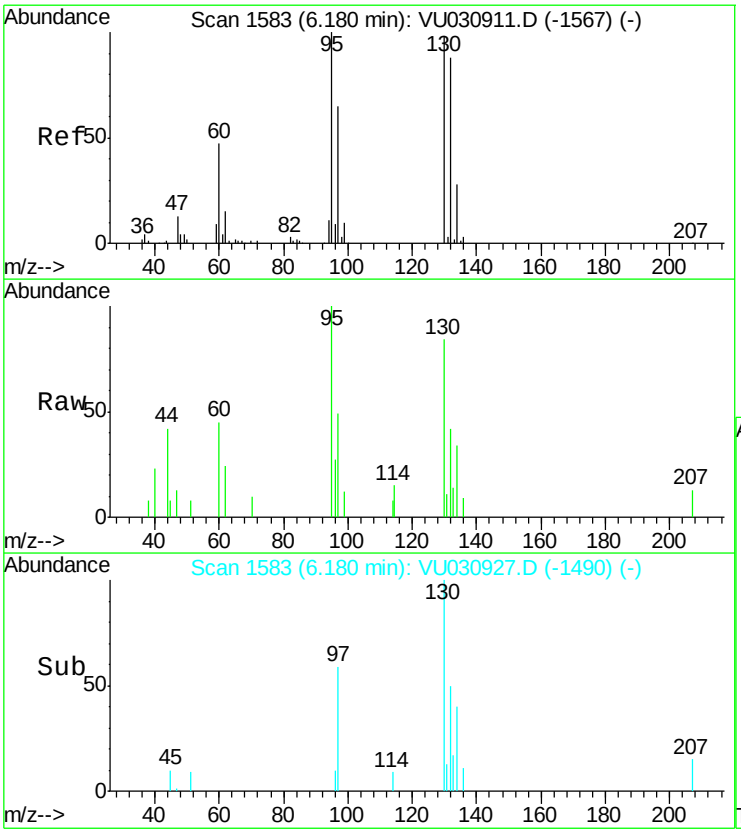

#34
Trichloroethene
Concen: 0.137 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030927.D
Acq: 09 Apr 2019 00:12

Tgt Ion: 95 Resp: 2594

Ion	Ratio	Lower	Upper
95	100		
97	49.0	43.5	80.9
132	42.2	60.7	112.7#
130	83.7	65.1	120.9