Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\
Data File : VU032737.D
Acq On : 14 Jun 2019 21:21
Operator : JC/SP
Sample : K3365-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M62

Quant Time: Jun 17 09:02:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	101341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46287	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28579	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	1.67	69	24642	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.27	63	83039	6.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 124.20%			
20) 2-Butanone-d5	4.18	46	96280	52.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.72%			
24) Chloroform-d	4.64	84	59967	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.30	65	34574	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.20%			
32) Benzene-d6	5.33	84	112679	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.32	67	38678	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.56	98	98399	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.85	79	13571	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.31	63	75056	48.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33364	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	40767	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	68050	10.569	ug/L	88
13) Acetone	2.32	43	5069	3.552	ug/L	98
19) 1,1-Dichloroethane	3.43	63	5721	0.460	ug/L	91
22) cis-1,2-Dichloroethene	4.22	96	81263	10.336	ug/L	86
29) 1,1,1-Trichloroethane	4.90	97	84228	7.267	ug/L	97
34) Trichloroethene	6.18	95	1245741	154.431	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	933	0.177	ug/L	88

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

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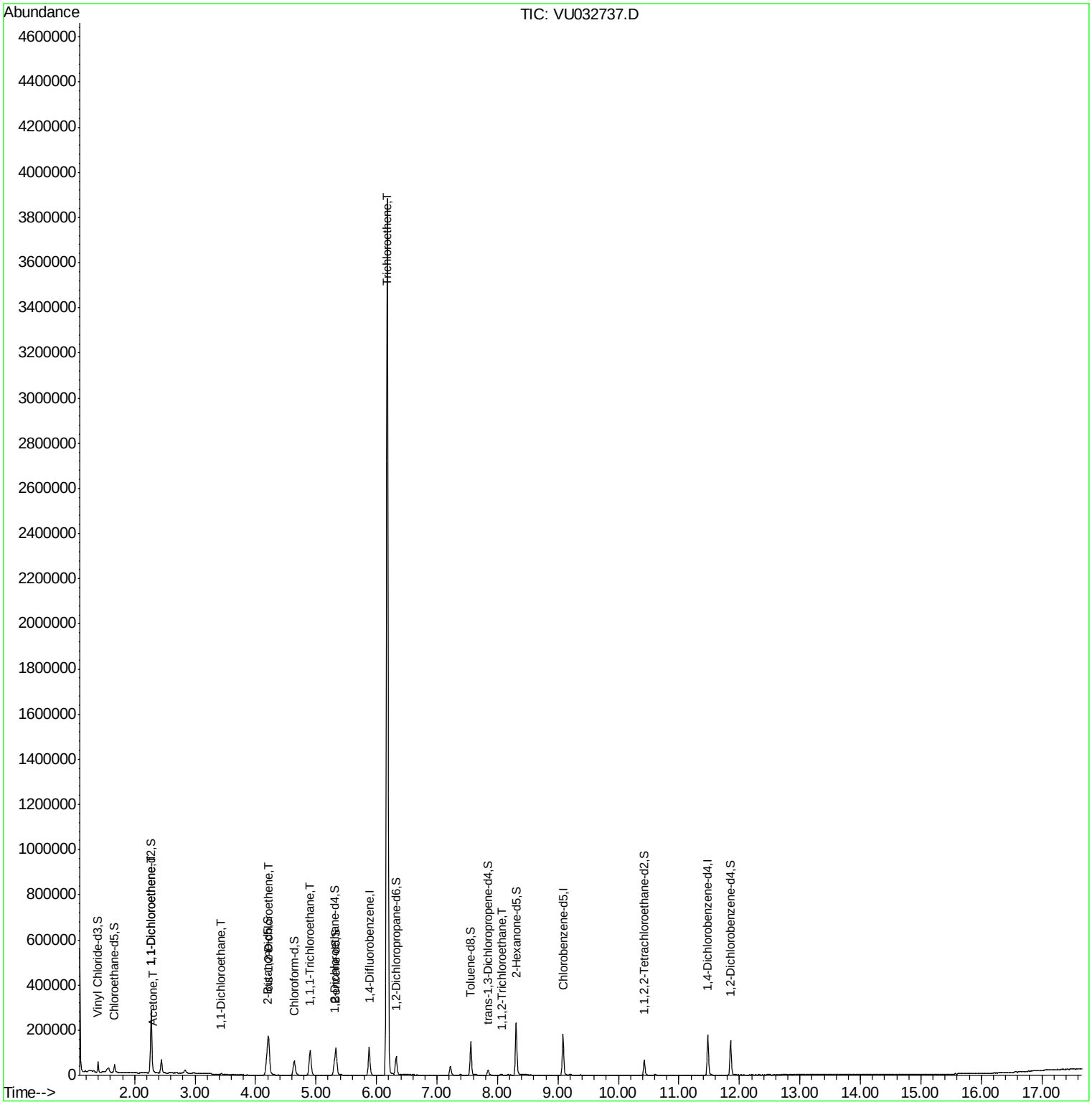
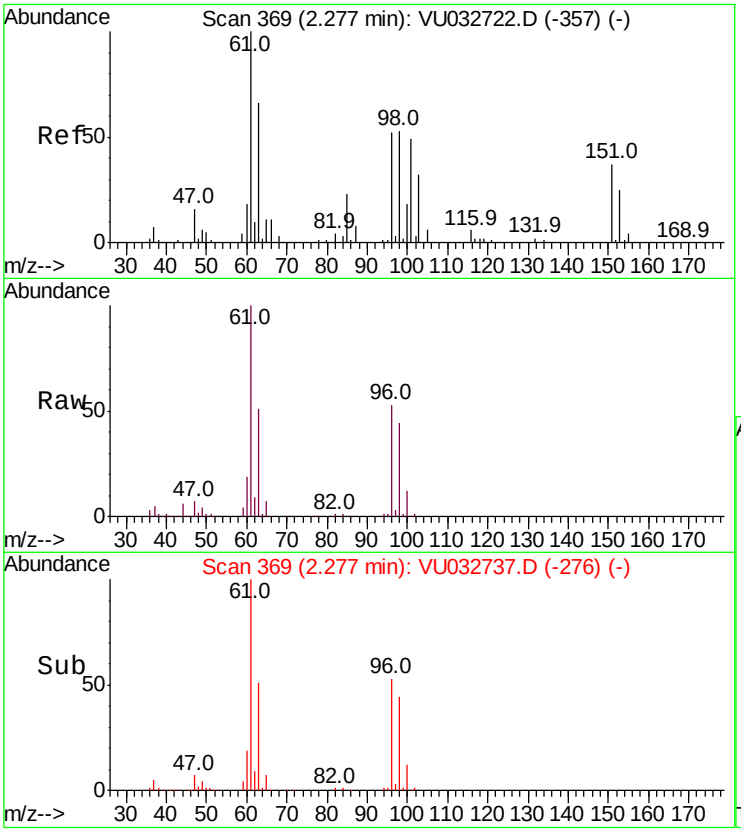


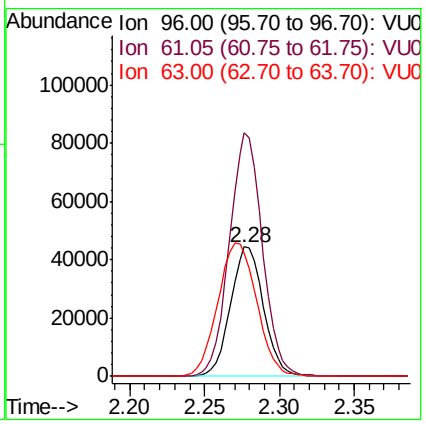


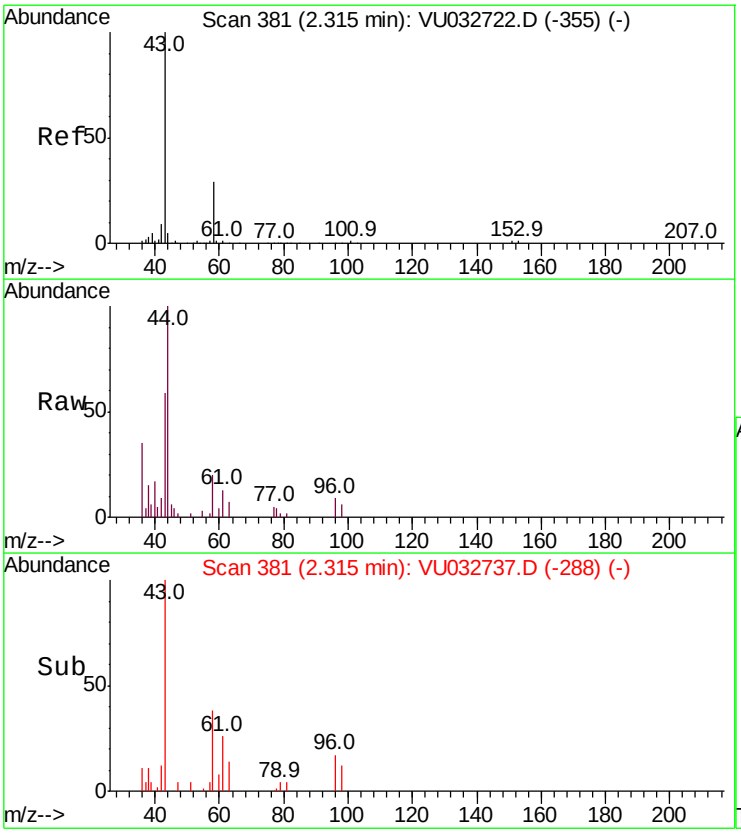
#12
1,1-Dichloroethene
Concen: 10.569 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Instrument : MSVOA_U
ClientSampleId : C0M62

Tgt Ion: 96 Resp: 68050

Ion	Ratio	Lower	Upper
96	100		
61	188.6	131.8	244.8
63	96.0	90.1	167.3

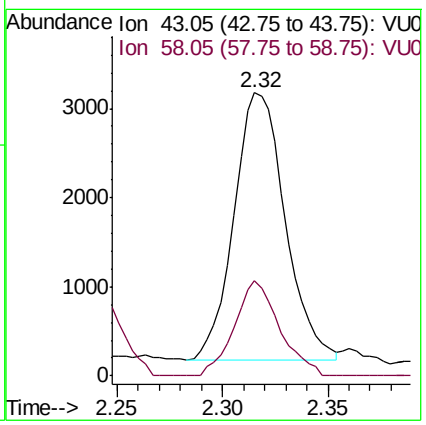


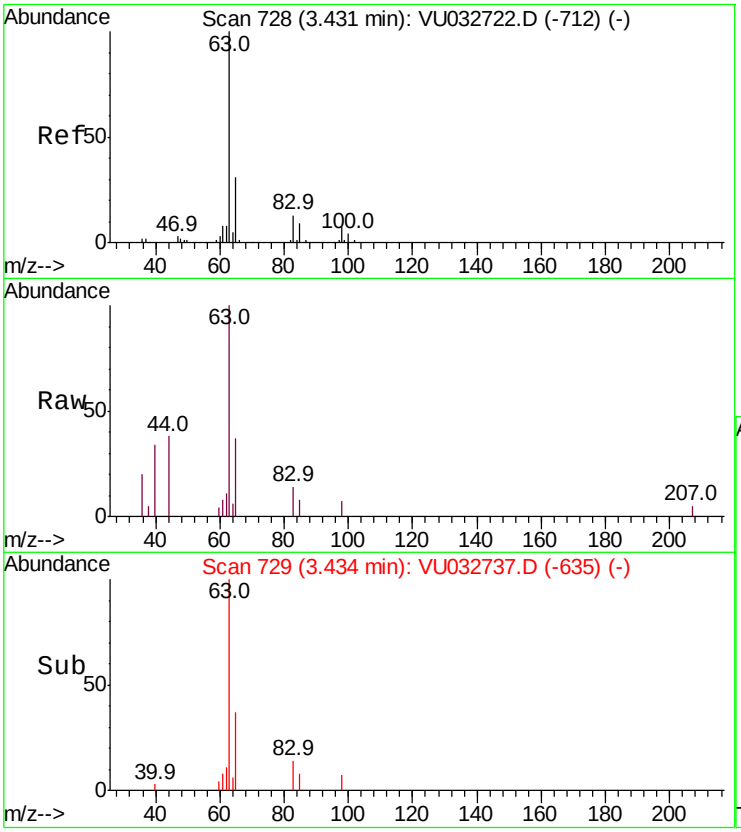


#13
Acetone
Concen: 3.552 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Tgt Ion: 43 Resp: 5069

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	60.8



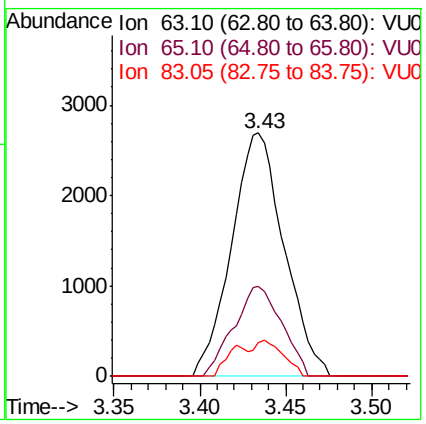


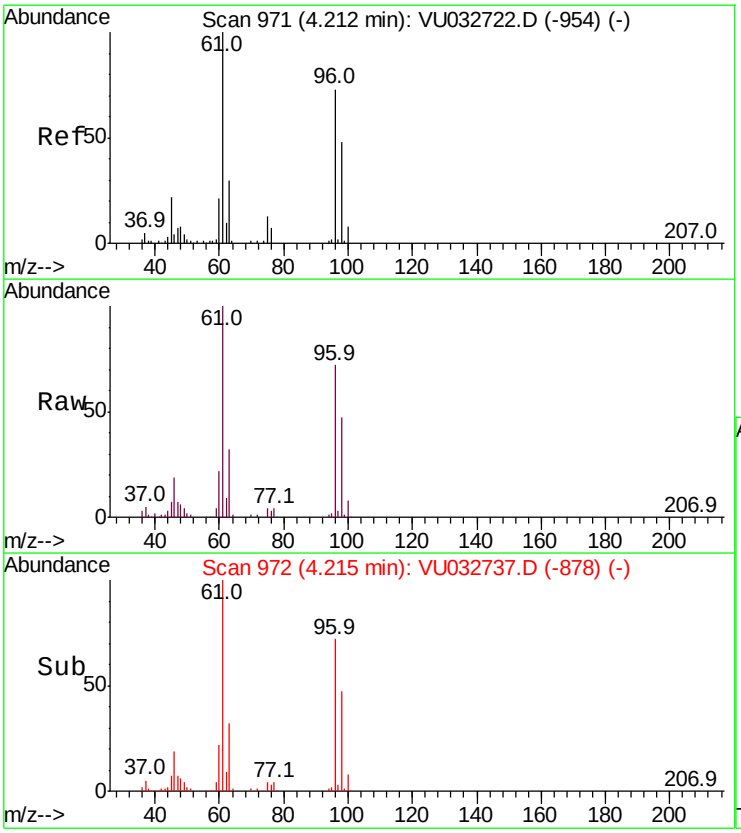
#19
1,1-Dichloroethane
Concen: 0.460 ug/L
RT: 3.43 min Scan# 729
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Instrument : MSVOA_U
ClientSampleId : C0M62

Tgt Ion: 63 Resp: 5721

Ion	Ratio	Lower	Upper
63	100		
65	37.2	21.3	39.6
83	13.7	10.1	18.7

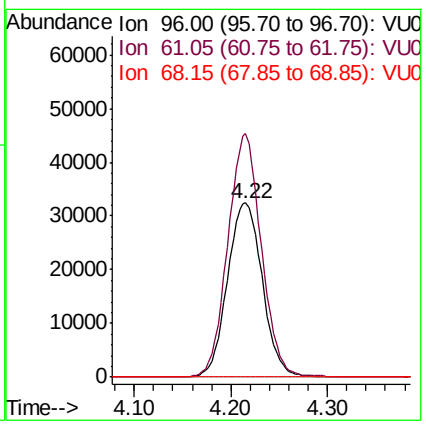


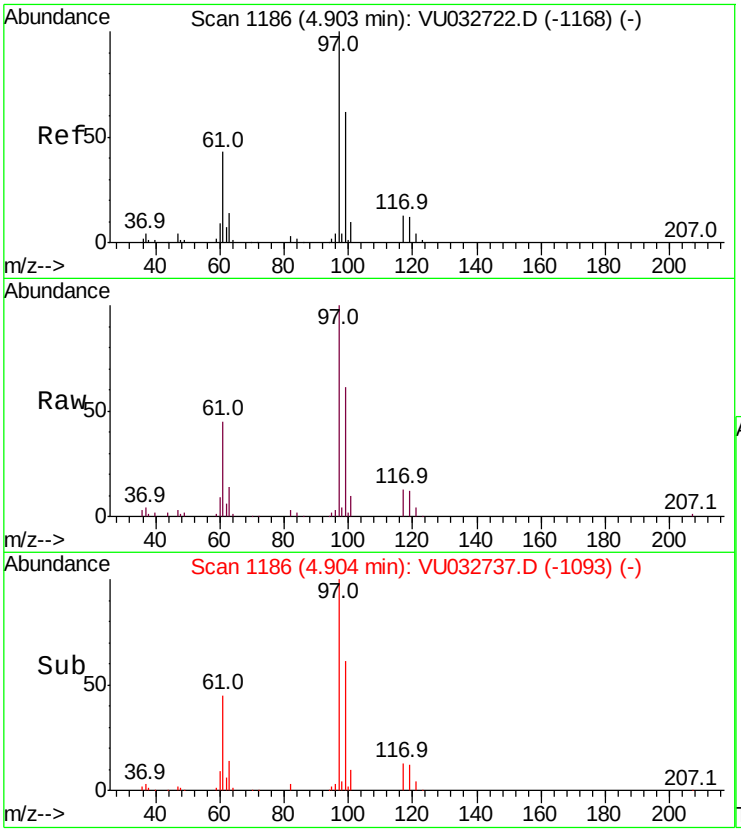


#22
cis-1,2-Dichloroethene
Concen: 10.336 ug/L
RT: 4.22 min Scan# 972
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Tgt Ion: 96 Resp: 81263

Ion	Ratio	Lower	Upper
96	100		
61	139.7	86.6	160.8
68	0.0	0.0	0.0



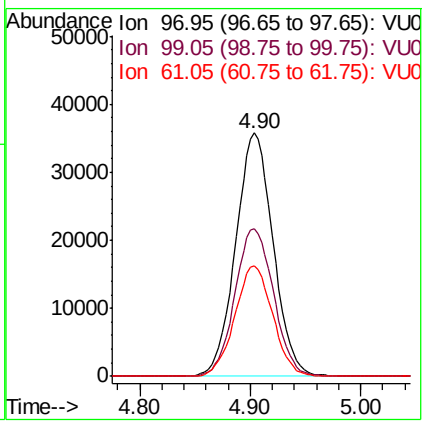


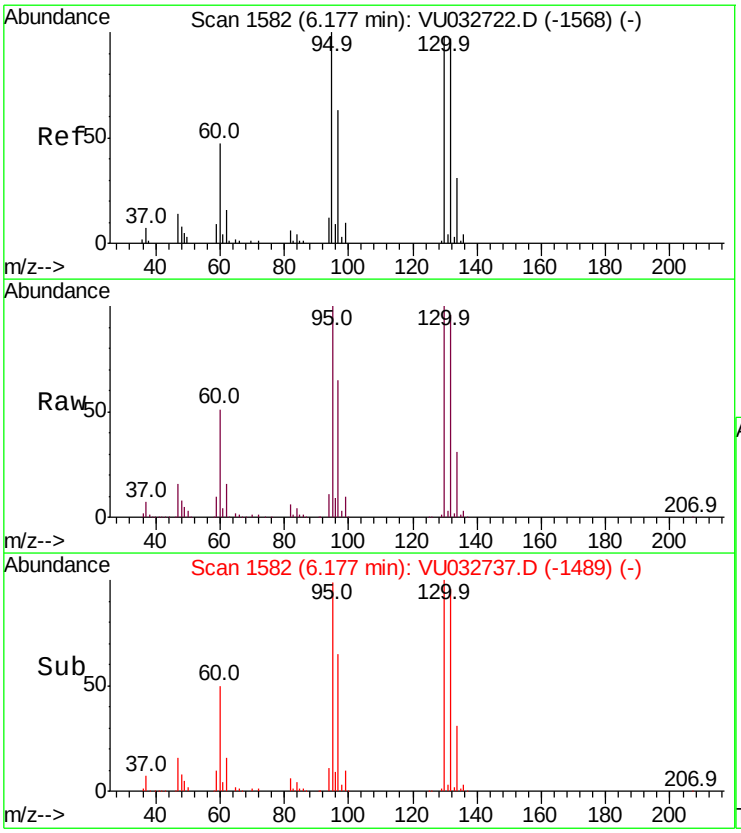
#29
1,1,1-Trichloroethane
Concen: 7.267 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Instrument : MSVOA_U
ClientSampleId : C0M62

Tgt Ion: 97 Resp: 84228

Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.8	77.6
61	45.8	34.7	52.1

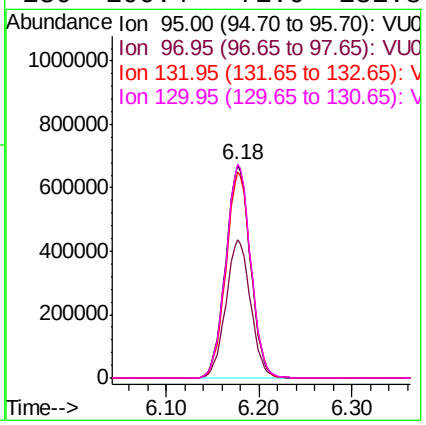


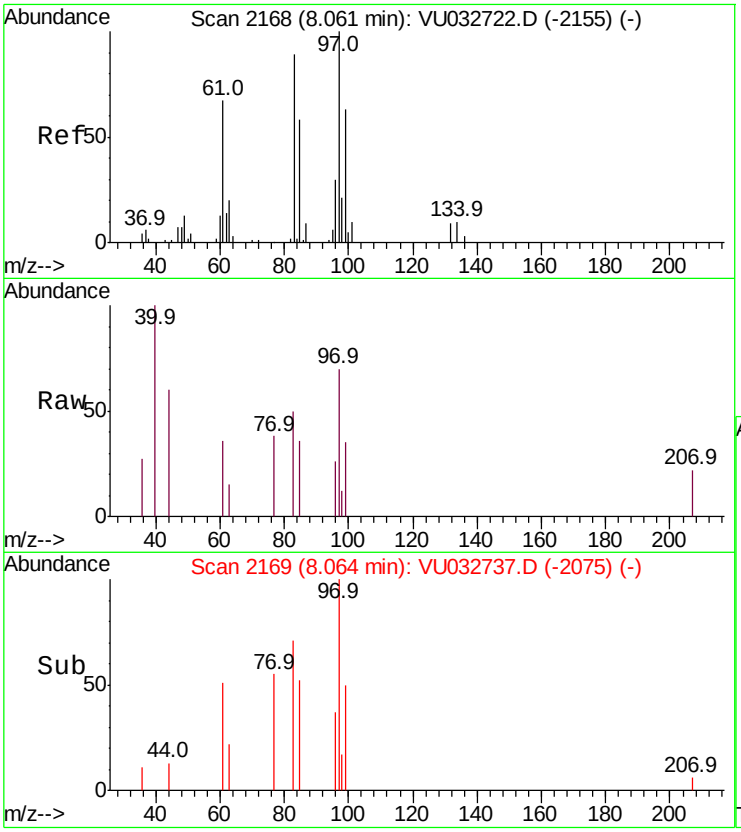


#34
Trichloroethene
Concen: 154.431 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Tgt Ion: 95 Resp: 1245741

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.1	81.9
132	96.8	68.8	127.8
130	100.4	71.0	131.8





#45
1,1,2-Trichloroethane
Concen: 0.177 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU032737.D
Acq: 14 Jun 2019 21:21

Instrument :
MSVOA_U
ClientSampleId :
C0M62

Tgt Ion: 97 Resp: 933

Ion	Ratio	Lower	Upper
97	100		
99	50.1	44.9	83.3
83	70.9	58.7	108.9
85	52.0	37.9	70.5