Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
Data File : VU035857.D
Acq On : 26 Nov 2019 14:51
Operator : JC/SP
Sample : K5992-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL

Quant Time: Nov 27 02:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103599	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	158547	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.93	69	142947	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.60%			
11) 1,1-Dichloroethene-d2	2.59	63	204864	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.70	46	377013	53.08	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.16%			
24) Chloroform-d	5.11	84	252043	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.75	65	142296	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.77	84	484843	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.73	67	173961	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.93	98	398386	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
43) trans-1,3-Dichloropropene-	8.22	79	57431	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.68	63	282251	52.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.58%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	134888	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	117814	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			

Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	154706	3.943	ug/L	97
12) 1,1-Dichloroethene	2.61	96	17333	0.709	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	3720	0.155	ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	219343	8.177	ug/L	100
34) Trichloroethene	6.58	95	844969	30.754	ug/L	98

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

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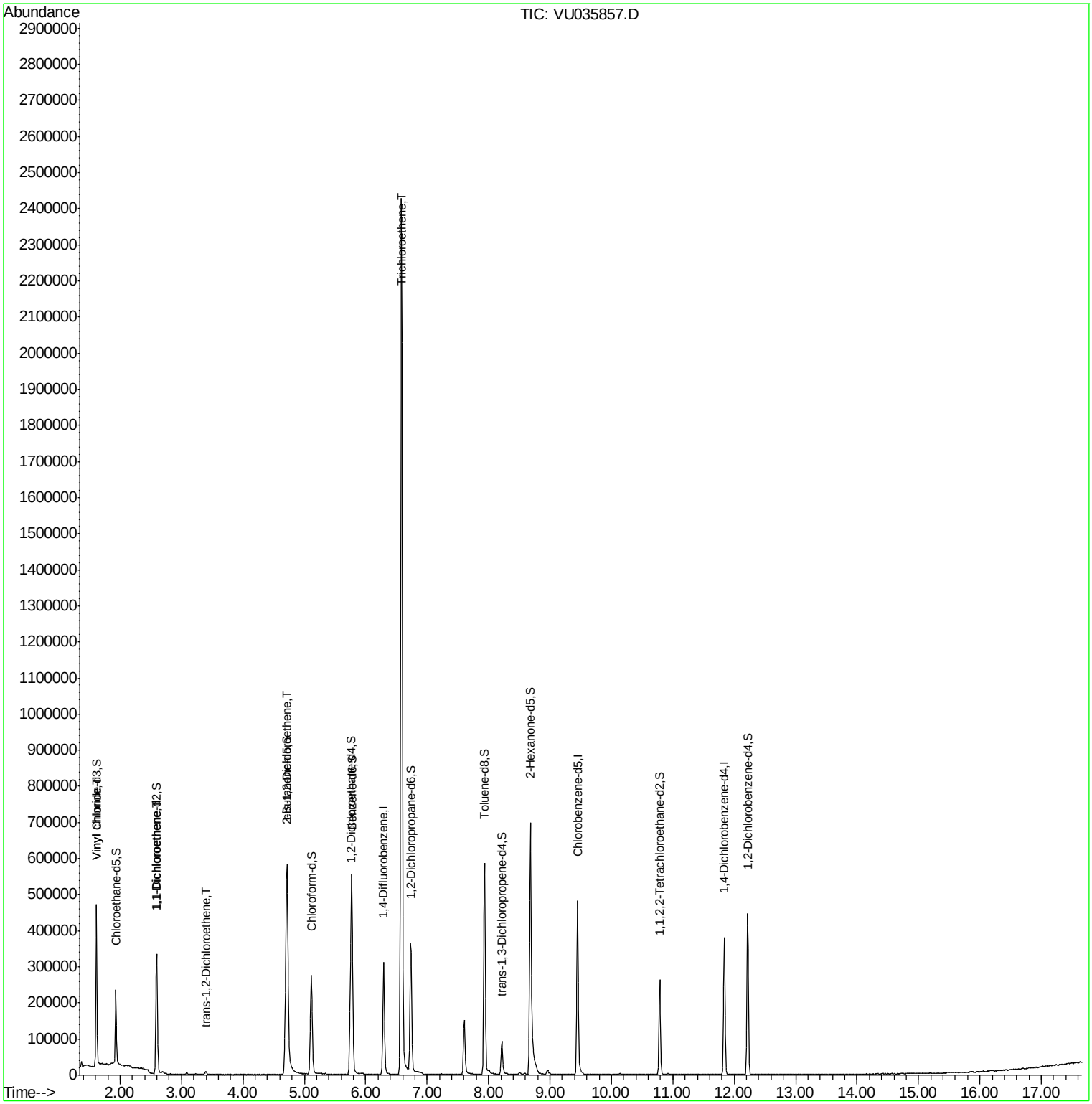
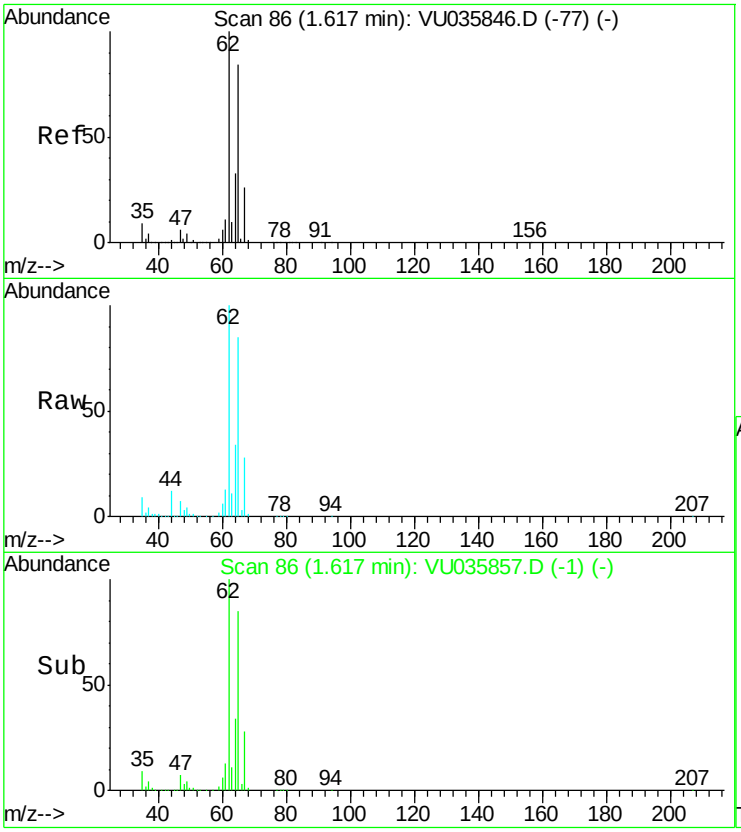


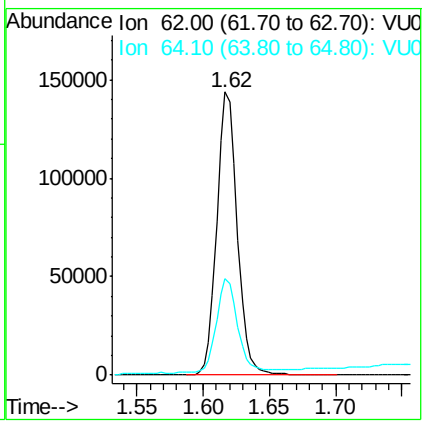


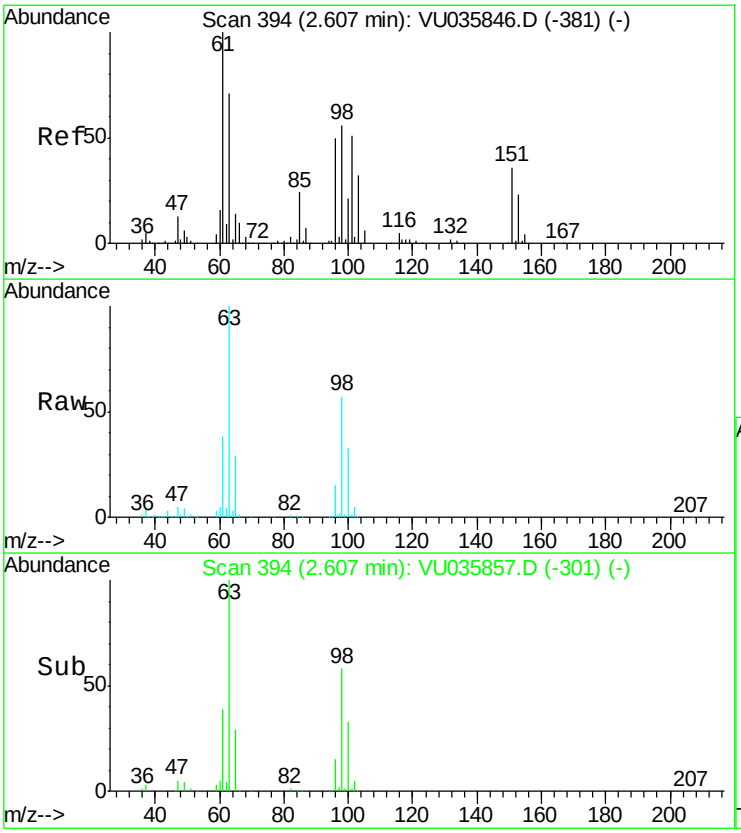
#5
Vinyl chloride
Concen: 3.943 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU035857.D
Acq: 26 Nov 2019 14:51

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL

Tgt Ion: 62 Resp: 154706

Ion	Ratio	Lower	Upper
62	100		
64	34.1	22.5	41.9

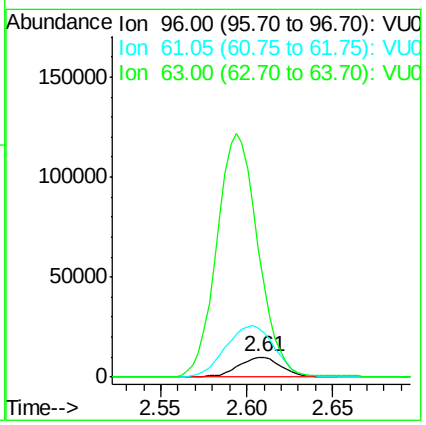


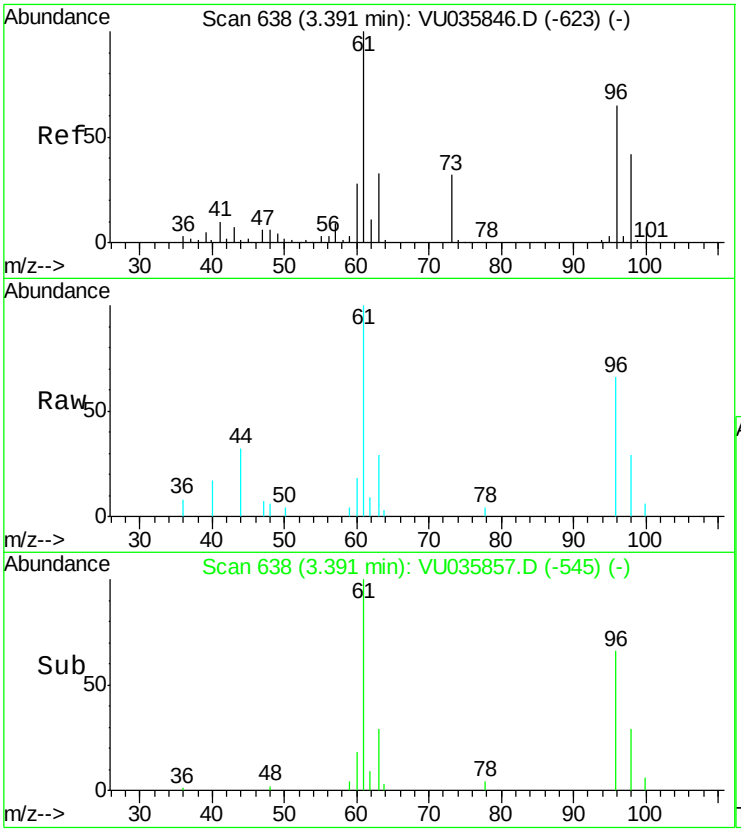


#12
1,1-Dichloroethene
Concen: 0.709 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035857.D
Acq: 26 Nov 2019 14:51

Tgt Ion: 96 Resp: 17333

Ion	Ratio	Lower	Upper
96	100		
61	252.2	139.3	258.7
63	656.0	93.7	174.1#



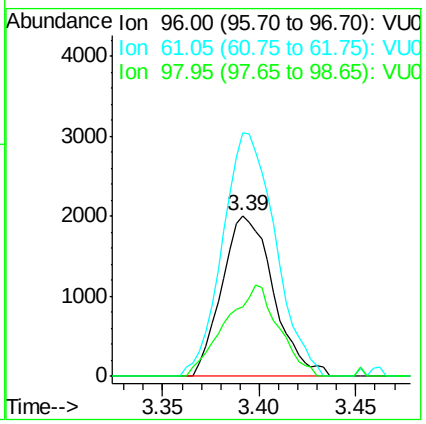


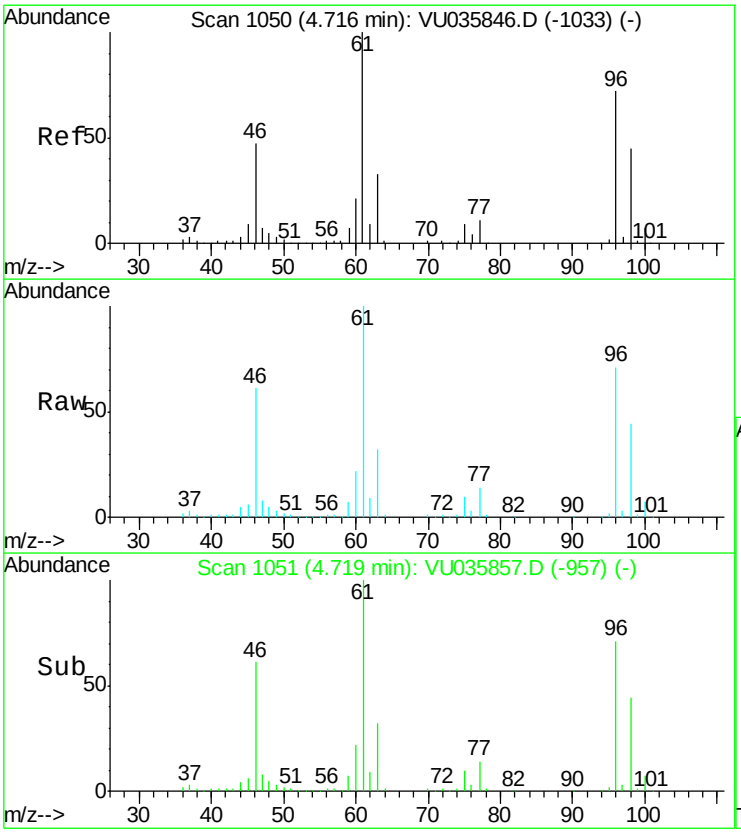
#18
trans-1,2-Dichloroethene
Concen: 0.155 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035857.D
Acq: 26 Nov 2019 14:51

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL

Tgt Ion: 96 Resp: 3720

Ion	Ratio	Lower	Upper
96	100		
61	151.6	111.1	206.3
98	43.5	43.1	80.1

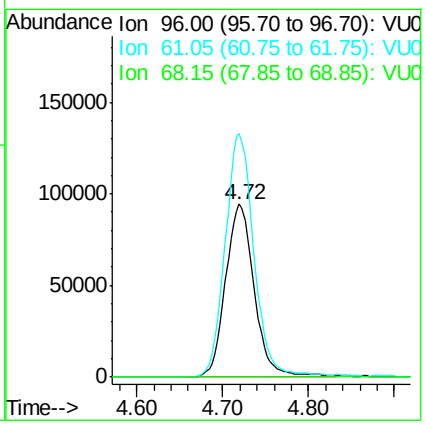


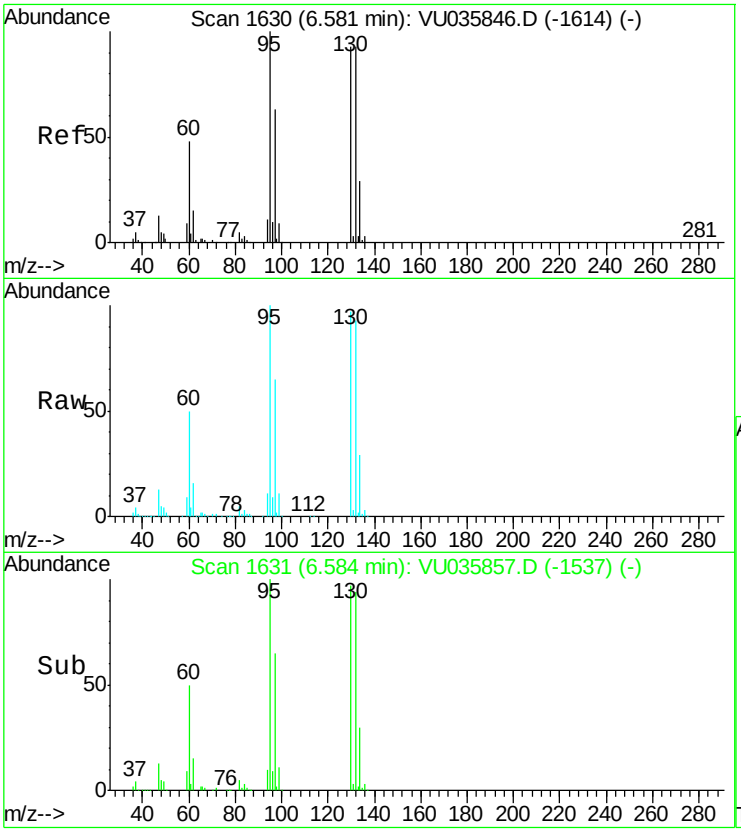


#22
cis-1,2-Dichloroethene
Concen: 8.177 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035857.D
Acq: 26 Nov 2019 14:51

Tgt Ion: 96 Resp: 219343

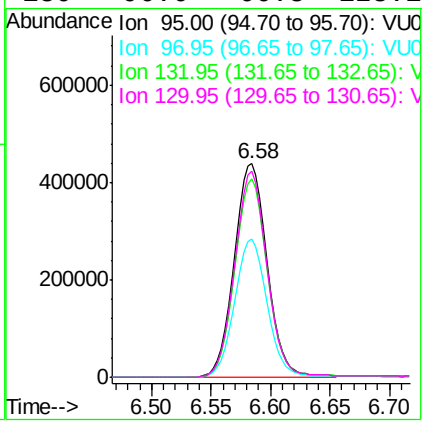
Ion	Ratio	Lower	Upper
96	100		
61	140.6	98.1	182.1
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 30.754 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035857.D
Acq: 26 Nov 2019 14:51

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL

Tgt Ion: 95 Resp: 844969

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.1	83.9
132	92.9	61.9	114.9
130	96.6	66.3	123.1