Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080619\
Data File : VU033606.D
Acq On : 06 Aug 2019 14:14
Operator : JC/SP
Sample : K4187-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB9G7

Quant Time: Aug 07 05:30:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 07 05:27:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	312845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	142716	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	106030	53.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.06%			
7) Chloroethane-d5	1.67	69	94856	42.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.14%			
11) 1,1-Dichloroethene-d2	2.26	63	147445	38.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.16%			
21) 2-Butanone-d5	4.15	46	183234	113.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.13%			
24) Chloroform-d	4.62	84	194351	51.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.14%			
26) 1,2-Dichloroethane-d4	5.29	65	127452	53.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.20%			
32) Benzene-d6	5.32	84	374513	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
36) 1,2-Dichloropropane-d6	6.31	67	126826	52.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.40%			
41) Toluene-d8	7.55	98	317831	45.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.84%			
43) trans-1,3-Dichloropropene-	7.83	79	56657	47.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.66%			
47) 2-Hexanone-d5	8.30	63	131870	112.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.04%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	202021	54.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.70%			
64) 1,2-Dichlorobenzene-d4	11.85	152	137734	53.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.48%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	9425	2.971	ug/L #	1
12) 1,1-Dichloroethene	2.27	96	2620	1.282	ug/L #	1
17) trans-1,2-Dichloroethene	2.97	96	4168	1.912	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	838926	348.907	ug/L	98
34) Trichloroethene	6.16	95	355711	150.883	ug/L	98
48) 2-Hexanone	8.30	43	14990	5.247	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	16890	5.159	ug/L	93

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

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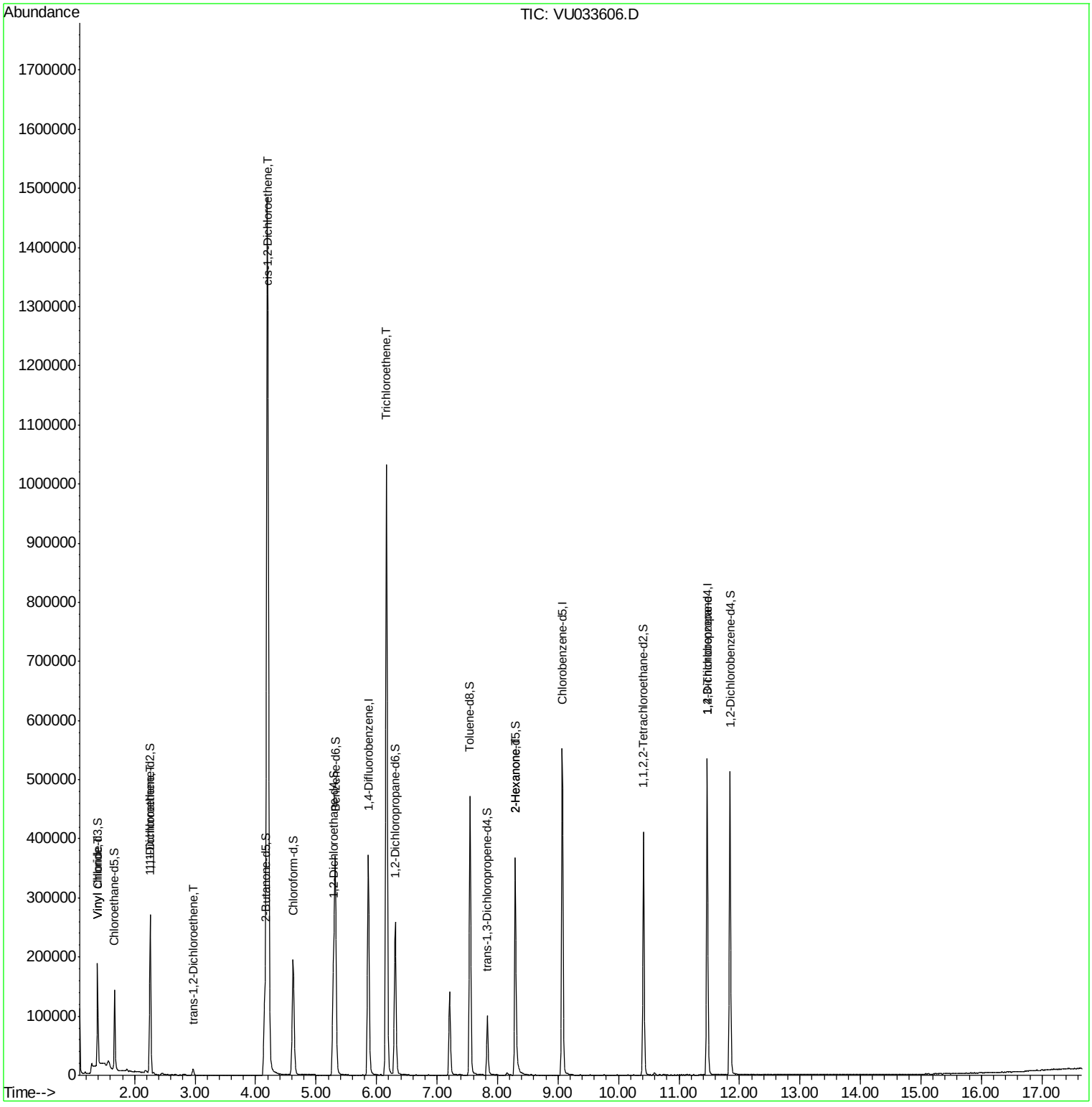
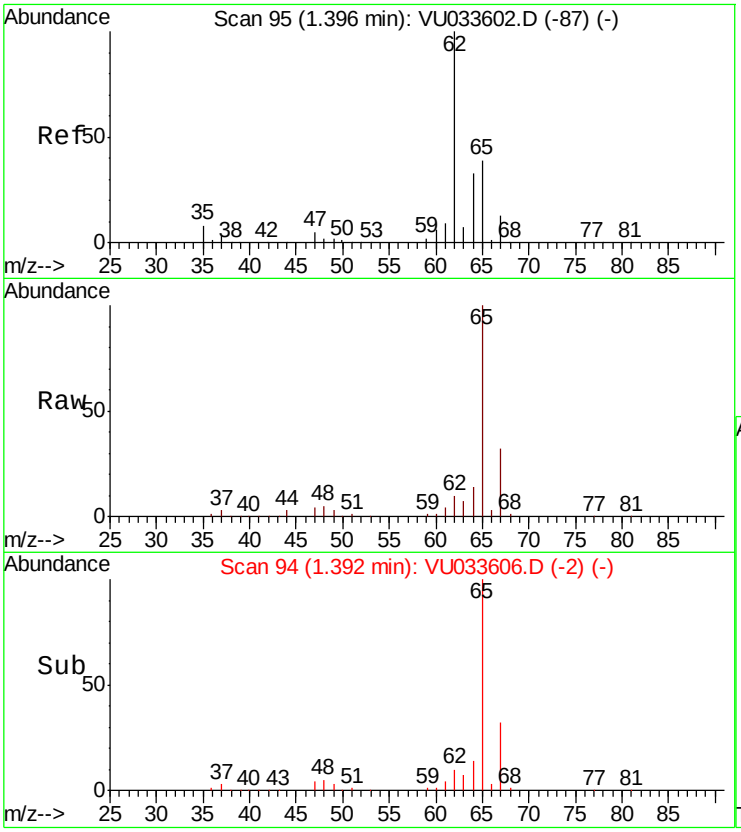


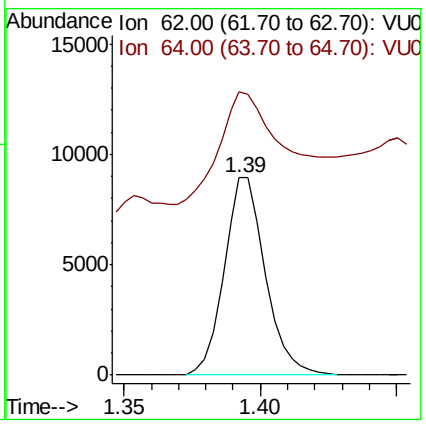


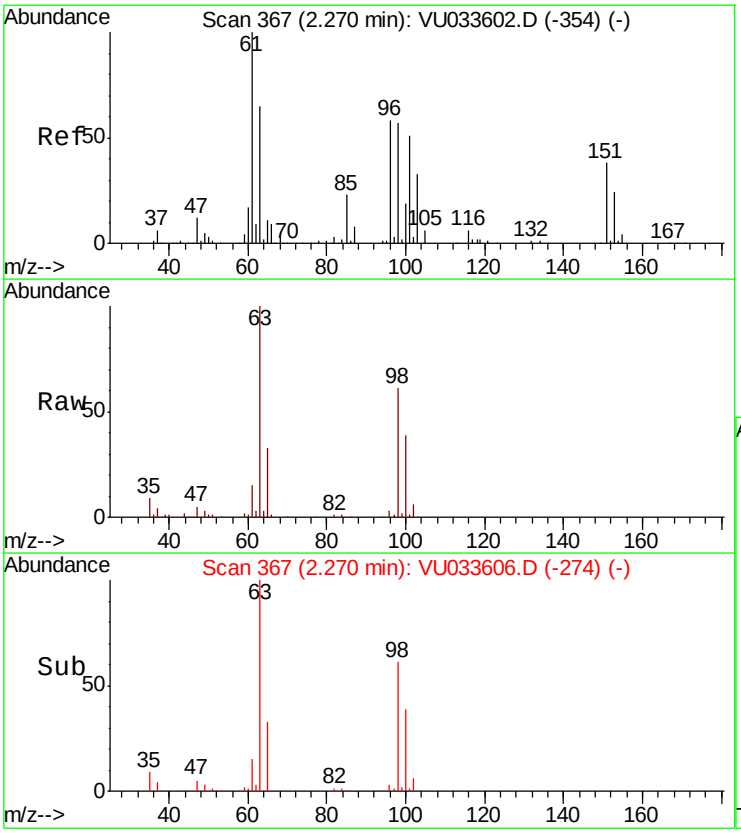
#5
Vinyl chloride
Concen: 2.971 ug/L
RT: 1.39 min Scan# 94
Delta R.T. -0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tgt Ion: 62 Resp: 9425

Ion	Ratio	Lower	Upper
62	100		
64	143.4	23.8	44.2#

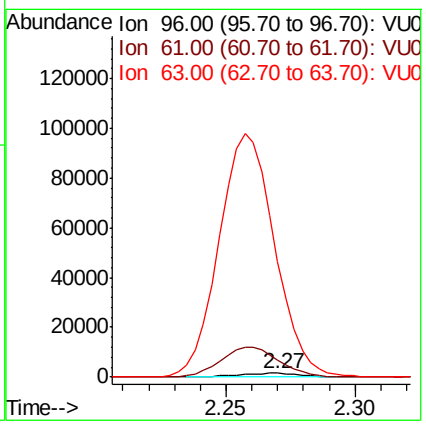


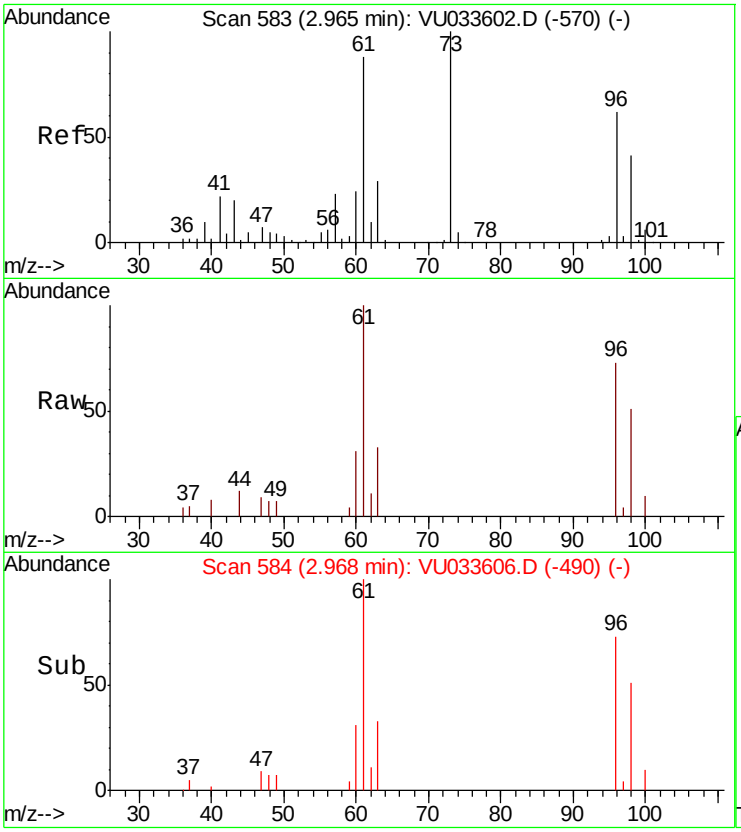


#12
1,1-Dichloroethene
Concen: 1.282 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Tgt Ion: 96 Resp: 2620

Ion	Ratio	Lower	Upper
96	100		
61	449.8	119.1	221.3#
63	3080.1	77.9	144.7#



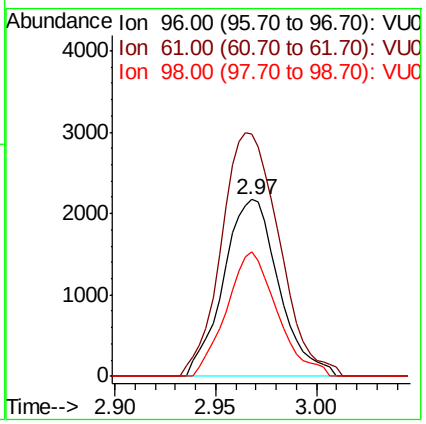


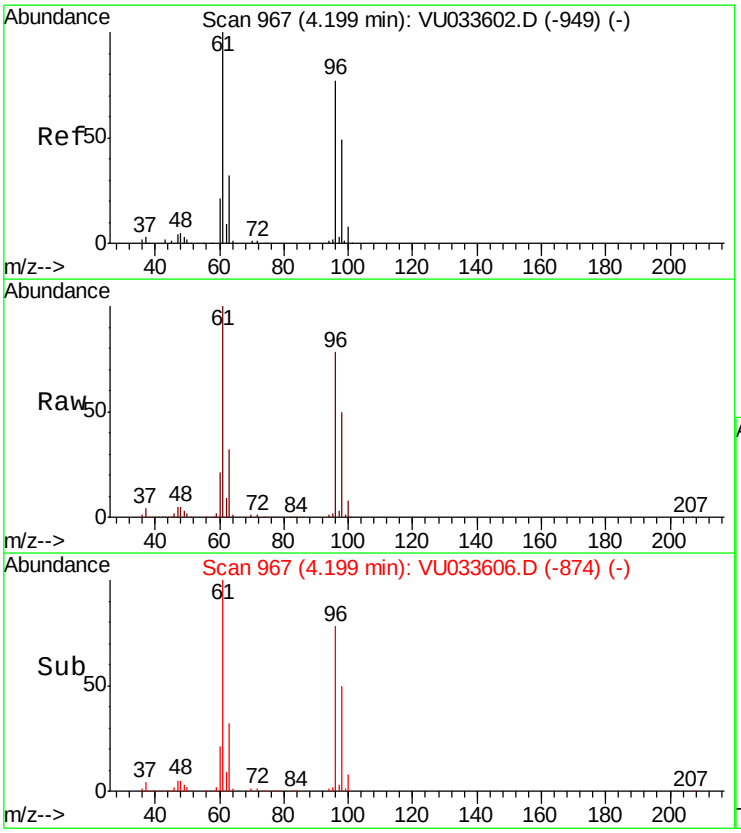
#17
trans-1,2-Dichloroethene
Concen: 1.912 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tgt Ion: 96 Resp: 4168

Ion	Ratio	Lower	Upper
96	100		
61	137.1	98.8	183.4
98	70.4	44.9	83.5

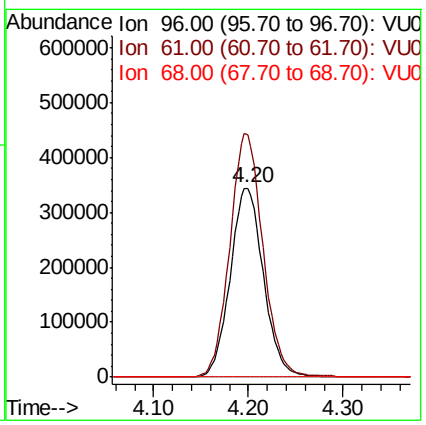


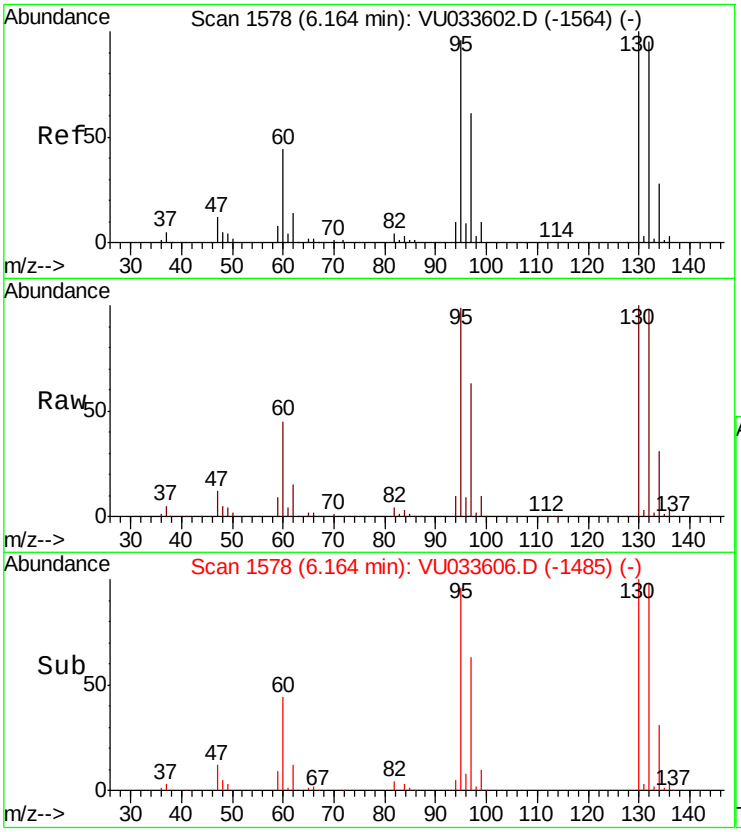


#20
cis-1,2-Dichloroethene
Concen: 348.907 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Tgt Ion: 96 Resp: 838926

Ion	Ratio	Lower	Upper
96	100		
61	128.2	88.2	163.8
68	0.0	0.0	0.0



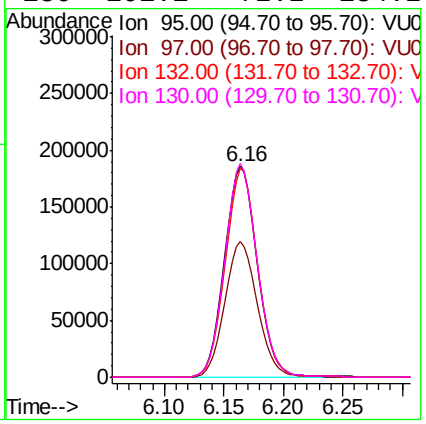


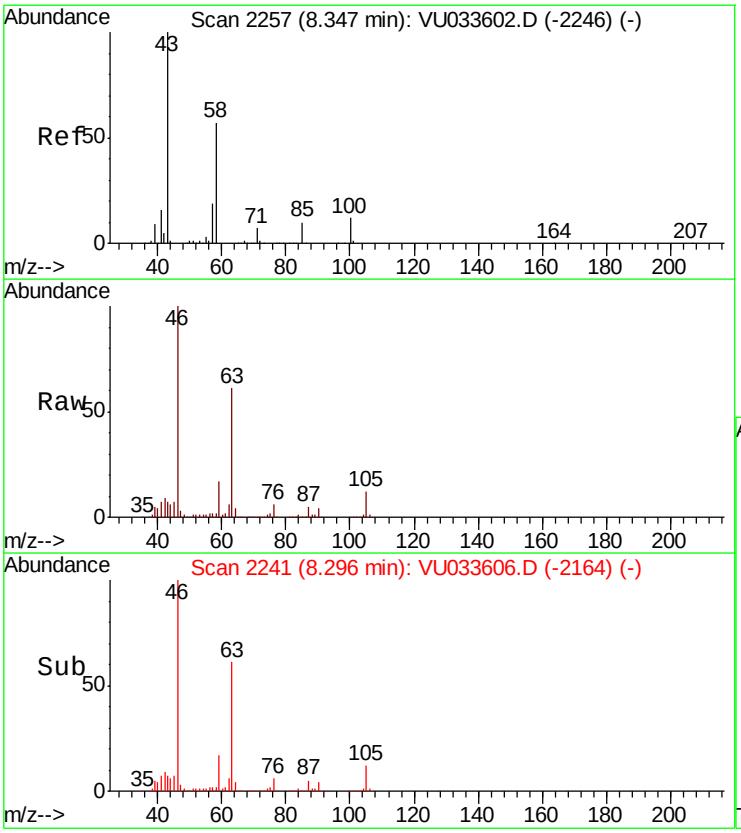
#34
Trichloroethene
Concen: 150.883 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tgt Ion: 95 Resp: 355711

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.8	81.4
132	98.8	68.6	127.4
130	101.1	72.2	134.2

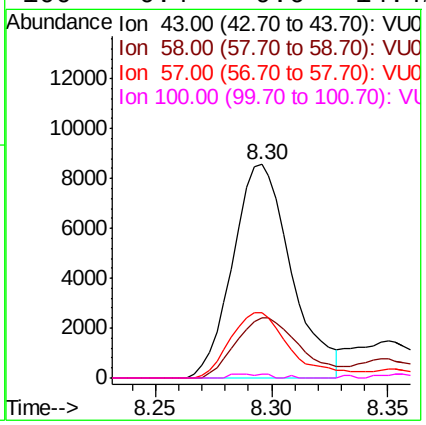


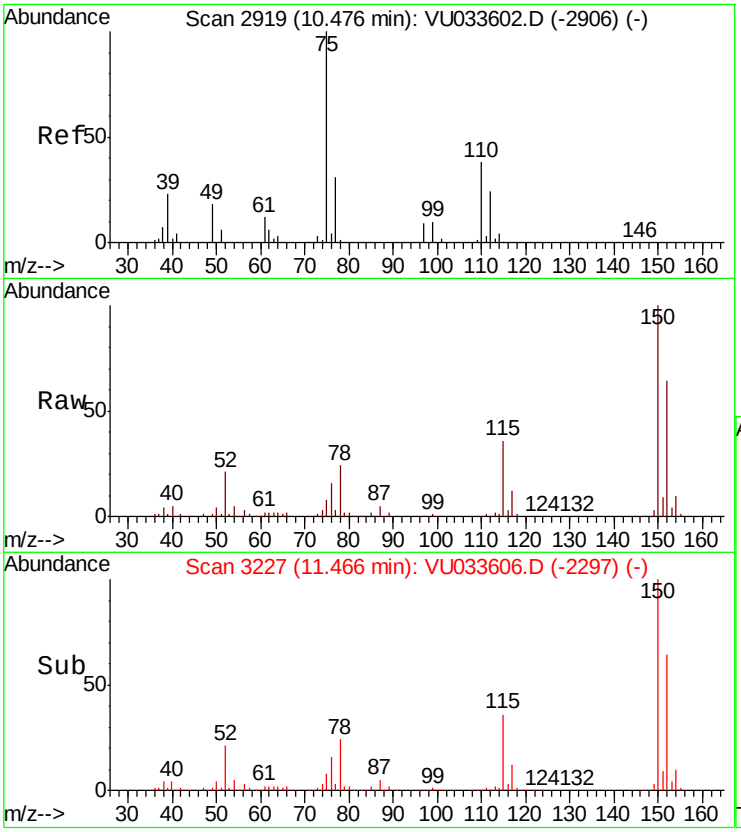


#48
2-Hexanone
Concen: 5.247 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Tgt Ion: 43 Resp: 14990

Ion	Ratio	Lower	Upper
43	100		
58	31.3	45.2	67.8#
57	31.5	15.4	23.2#
100	0.4	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 5.159 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tgt Ion: 75 Resp: 16890

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.7	38.5