Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\

Quantitation Report (Not Reviewed)

Data File : VU033714.D
Acq On : 10 Aug 2019 03:31
Operator : JC/SP
Sample : K4289-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B28

Quant Time: Aug 10 04:31:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	316658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159882	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	116035	48.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.32%			
7) Chloroethane-d5	1.67	69	104759	43.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.66%			
11) 1,1-Dichloroethene-d2	2.26	63	150711	37.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.18%			
21) 2-Butanone-d5	4.15	46	261525	176.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 176.92%#			
24) Chloroform-d	4.62	84	222359	62.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.54%#			
26) 1,2-Dichloroethane-d4	5.29	65	149148	67.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.66%#			
32) Benzene-d6	5.32	84	446667	59.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.54%			
36) 1,2-Dichloropropane-d6	6.31	67	150458	65.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.22%#			
41) Toluene-d8	7.55	98	393865	56.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.06%			
43) trans-1,3-Dichloropropene-	7.83	79	59233	51.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.30%			
47) 2-Hexanone-d5	8.29	63	196582	165.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 165.49%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236119	69.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 139.20%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	172644	64.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.32%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	57303	21.015	ug/L #	1
8) Chloroethane	1.34	64	103161	49.697	ug/L #	53
17) trans-1,2-Dichloroethene	2.96	96	5157	2.526	ug/L	92
20) cis-1,2-Dichloroethene	4.20	96	16771	7.202	ug/L	94
37) 1,2-Dichloropropane	6.31	63	15381	6.540	ug/L #	88
48) 2-Hexanone	8.29	43	21673	7.870	ug/L #	63
59) 1,2,3-Trichloropropane	11.47	75	18199	5.724	ug/L	93

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

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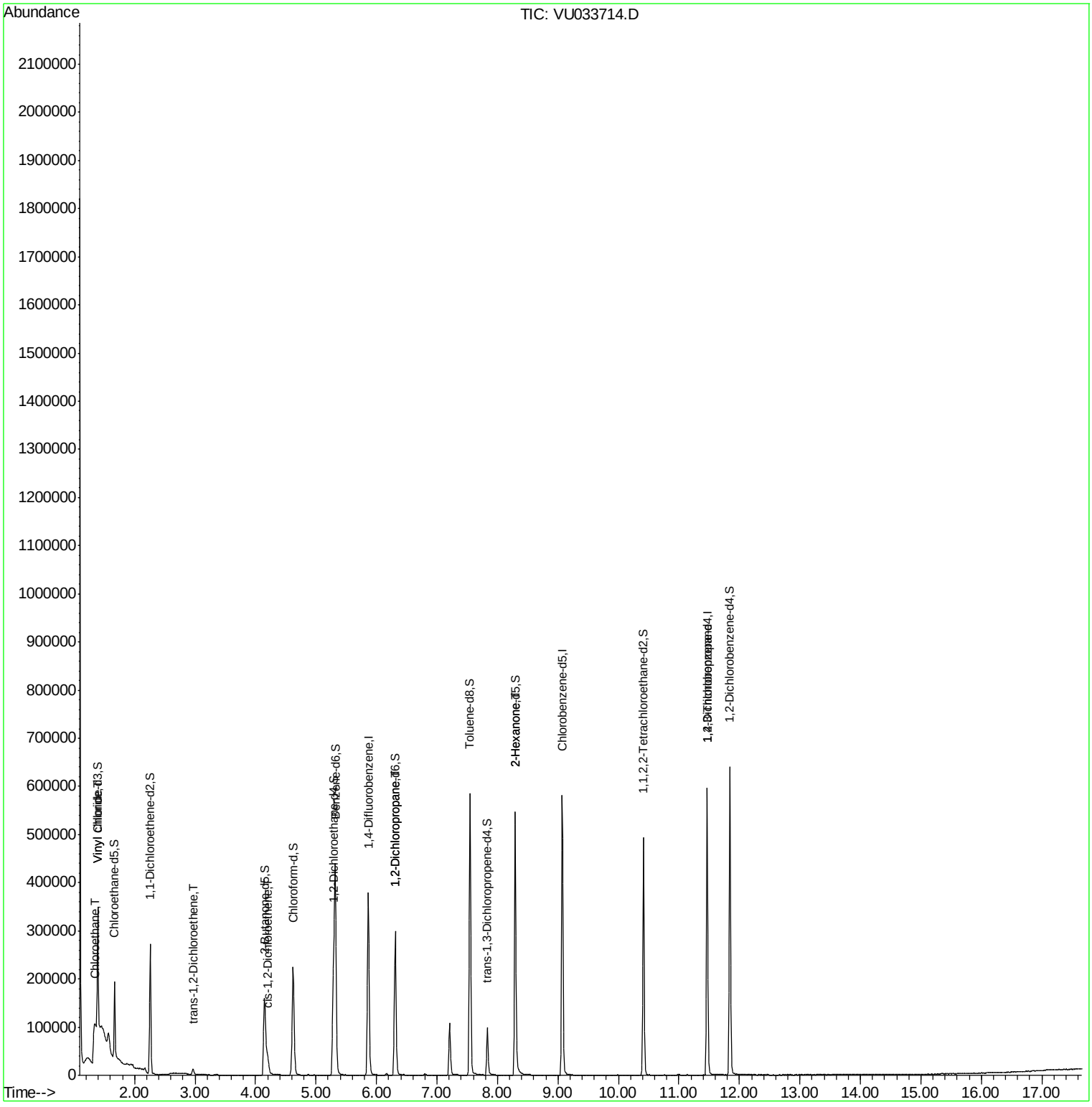
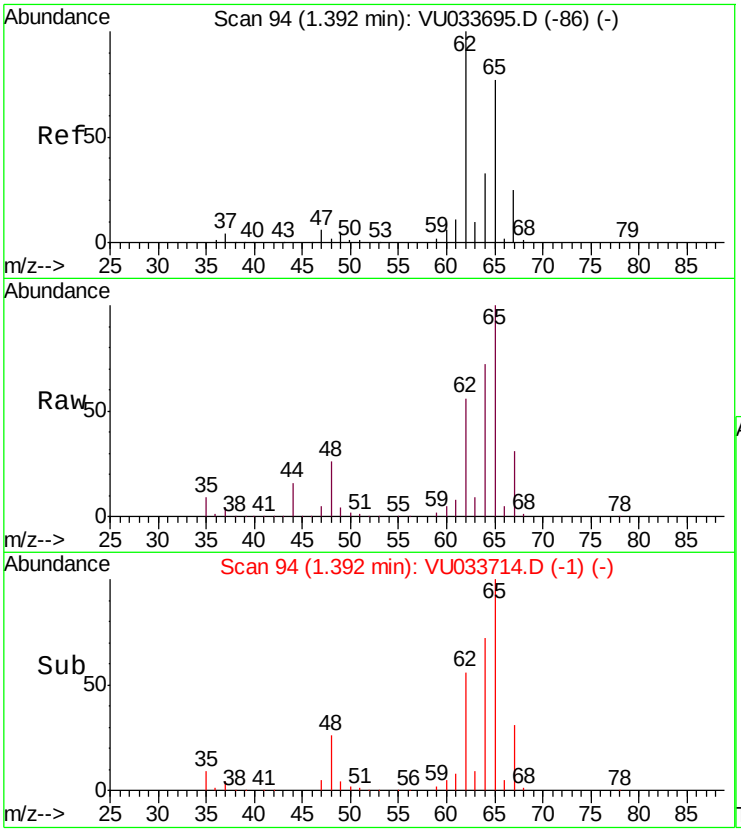
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration



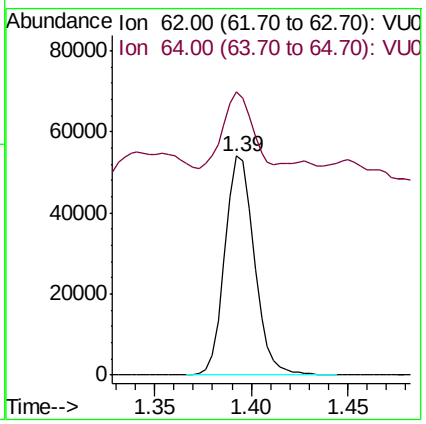


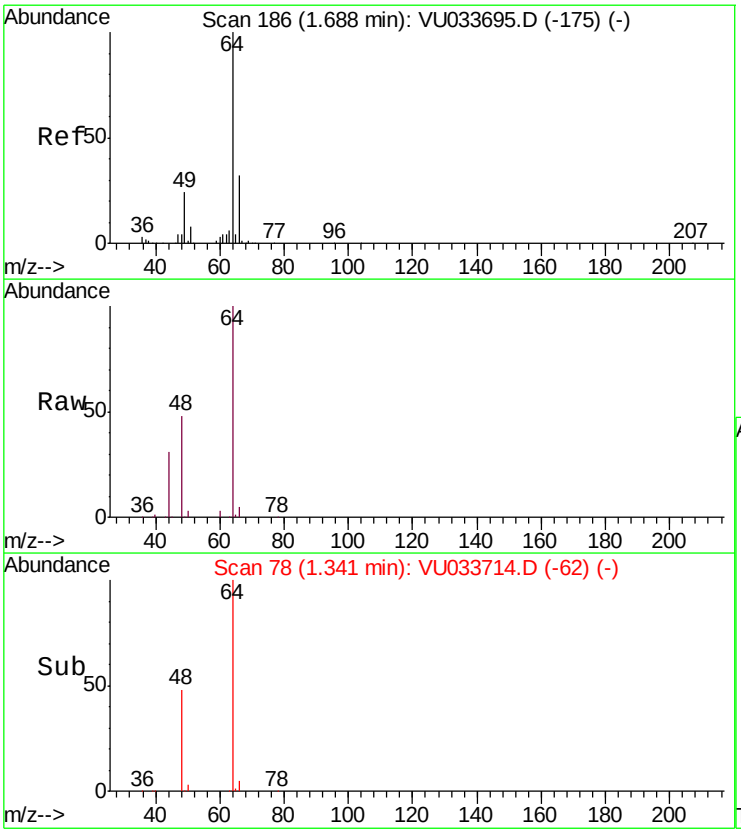
#5
Vinyl chloride
Concen: 21.015 ug/L
RT: 1.39 min Scan# 94
Delta R.T. 0.00 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Instrument :
MSVOA_U
ClientSampleId :
F2B28

Tgt Ion: 62 Resp: 57303

Ion	Ratio	Lower	Upper
62	100		
64	129.1	23.7	43.9#

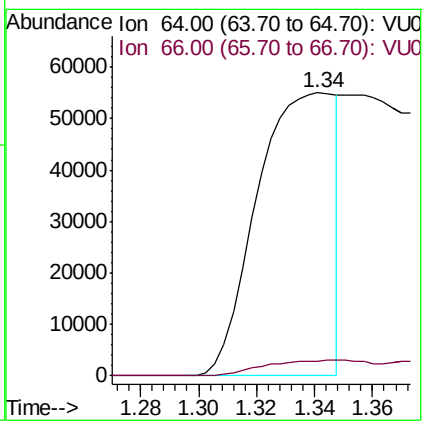


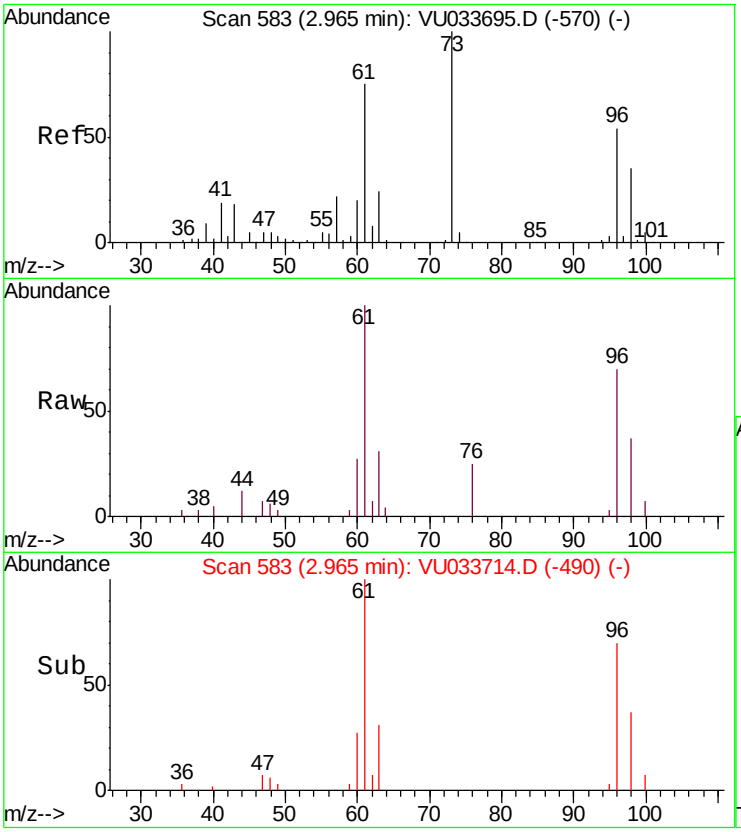


#8
Chloroethane
Concen: 49.697 ug/L
RT: 1.34 min Scan# 78
Delta R.T. -0.35 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Tgt Ion: 64 Resp: 103161

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.0	41.0#



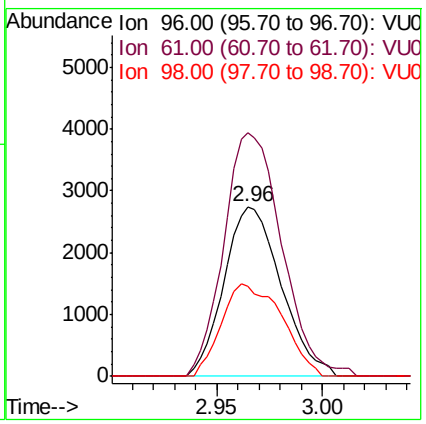


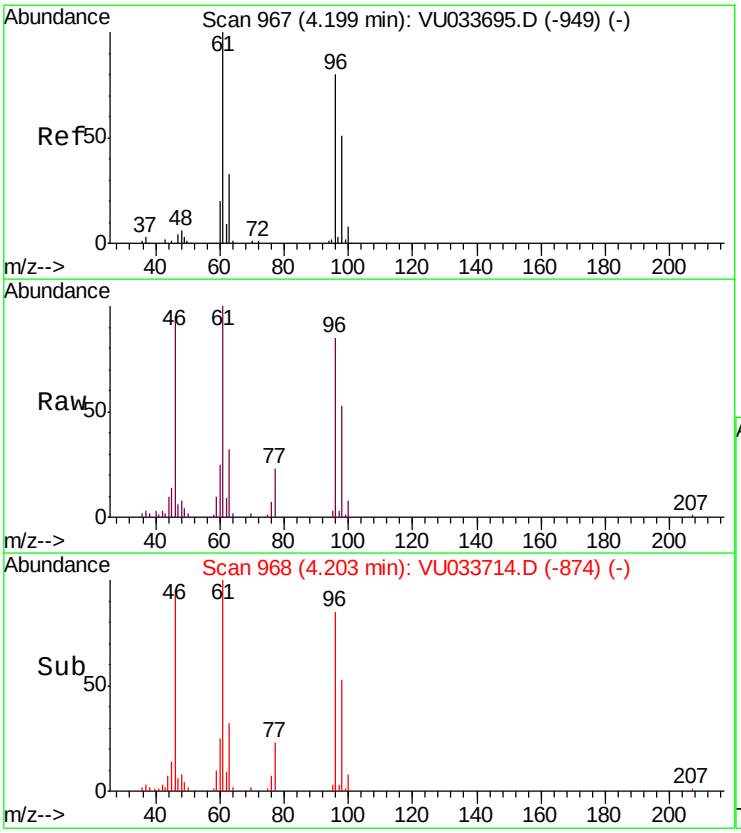
#17
trans-1,2-Dichloroethene
Concen: 2.526 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Instrument :
MSVOA_U
ClientSampleId :
F2B28

Tgt Ion: 96 Resp: 5157

Ion	Ratio	Lower	Upper
96	100		
61	143.6	95.6	177.6
98	53.1	44.6	82.8

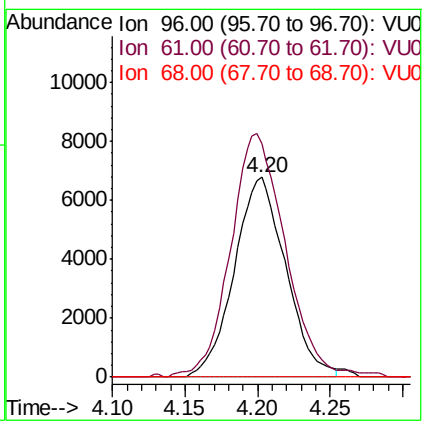


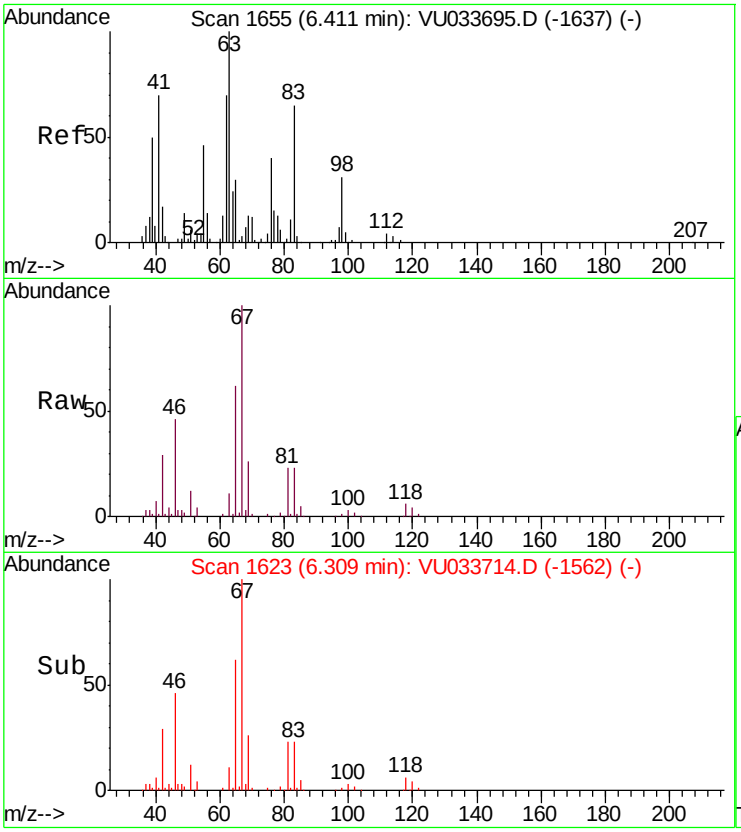


#20
cis-1,2-Dichloroethene
Concen: 7.202 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Tgt Ion: 96 Resp: 16771

Ion	Ratio	Lower	Upper
96	100		
61	117.1	87.0	161.6
68	0.0	0.0	0.0



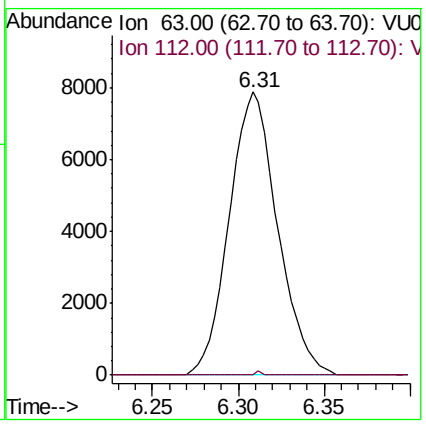


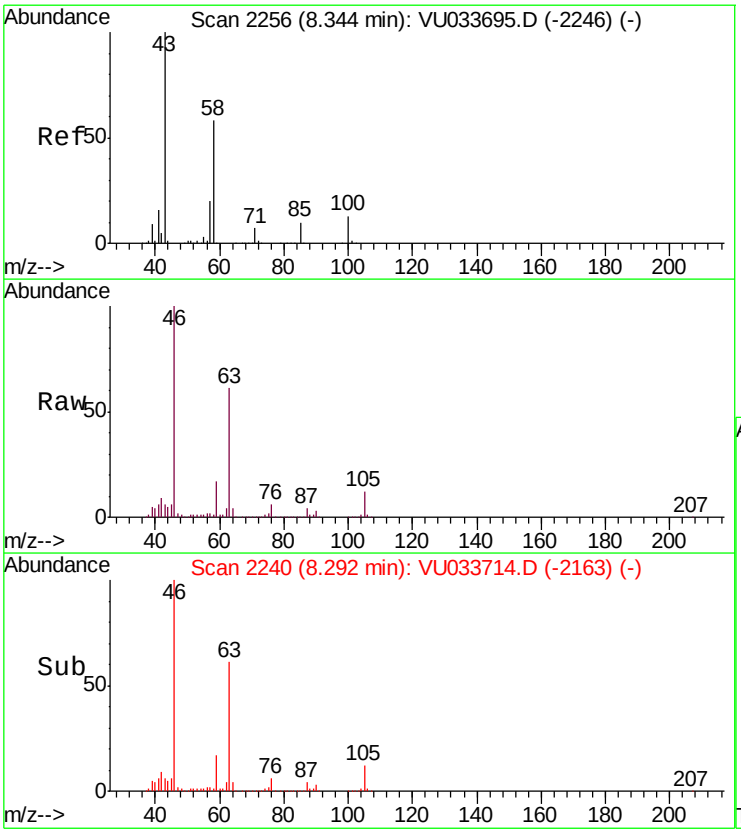
#37
1,2-Dichloropropane
Concen: 6.540 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Instrument : MSVOA_U
ClientSampleId : F2B28

Tgt Ion: 63 Resp: 15381

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

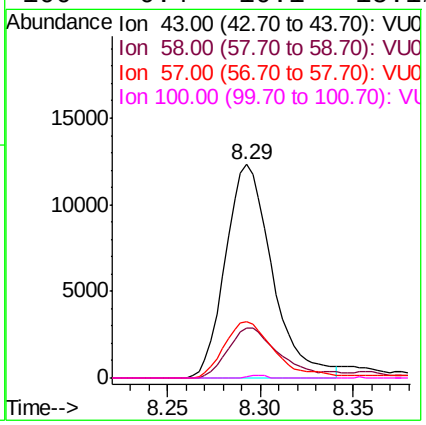


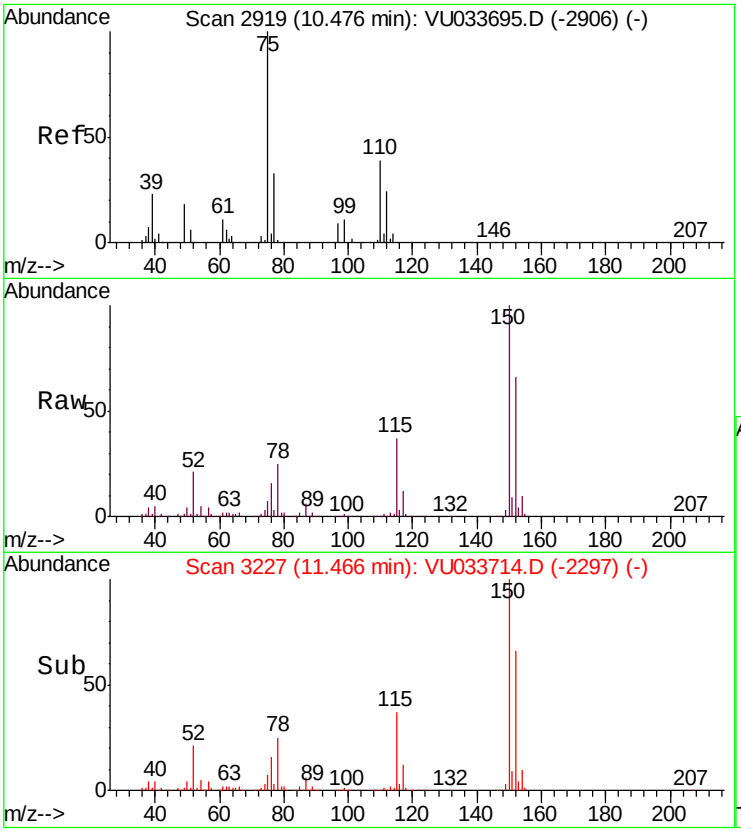


#48
2-Hexanone
Concen: 7.870 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Tgt Ion: 43 Resp: 21673

Ion	Ratio	Lower	Upper
43	100		
58	24.9	46.6	70.0#
57	28.7	16.2	24.4#
100	0.4	10.1	15.1#





#59
1,2,3-Trichloropropane
Concen: 5.724 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033714.D
Acq: 10 Aug 2019 03:31

Instrument :
MSVOA_U
ClientSampleId :
F2B28

Tgt Ion: 75 Resp: 18199

Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.4	39.6