Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082119\

Quantitation Report (Not Reviewed)

Data File : VU033882.D
Acq On : 21 Aug 2019 19:21
Operator : JC/SP
Sample : K4420-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2C07

Quant Time: Aug 22 07:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	393811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	400784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164202	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	162029	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.46%			
7) Chloroethane-d5	1.67	69	148623	44.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.70%			
11) 1,1-Dichloroethene-d2	2.25	63	221865	37.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.94%			
21) 2-Butanone-d5	4.15	46	186996	100.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.64%			
24) Chloroform-d	4.62	84	274757	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%			
26) 1,2-Dichloroethane-d4	5.28	65	180764	50.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.34%			
32) Benzene-d6	5.32	84	538079	48.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.38%			
36) 1,2-Dichloropropane-d6	6.31	67	178239	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.94%			
41) Toluene-d8	7.55	98	471548	45.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.88%			
43) trans-1,3-Dichloropropene-	7.83	79	73729	43.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.88%			
47) 2-Hexanone-d5	8.29	63	123216	91.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.91%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	248739	49.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.88%			
64) 1,2-Dichlorobenzene-d4	11.84	152	179971	54.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.98%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	7444	1.683	ug/L #	58
17) trans-1,2-Dichloroethene	2.96	96	14472	5.101	ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	65106	21.213	ug/L	95
34) Trichloroethene	6.17	95	3024	0.936	ug/L	95
37) 1,2-Dichloropropane	6.31	63	19544	5.895	ug/L #	90
59) 1,2,3-Trichloropropane	11.47	75	19661	4.896	ug/L	96

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

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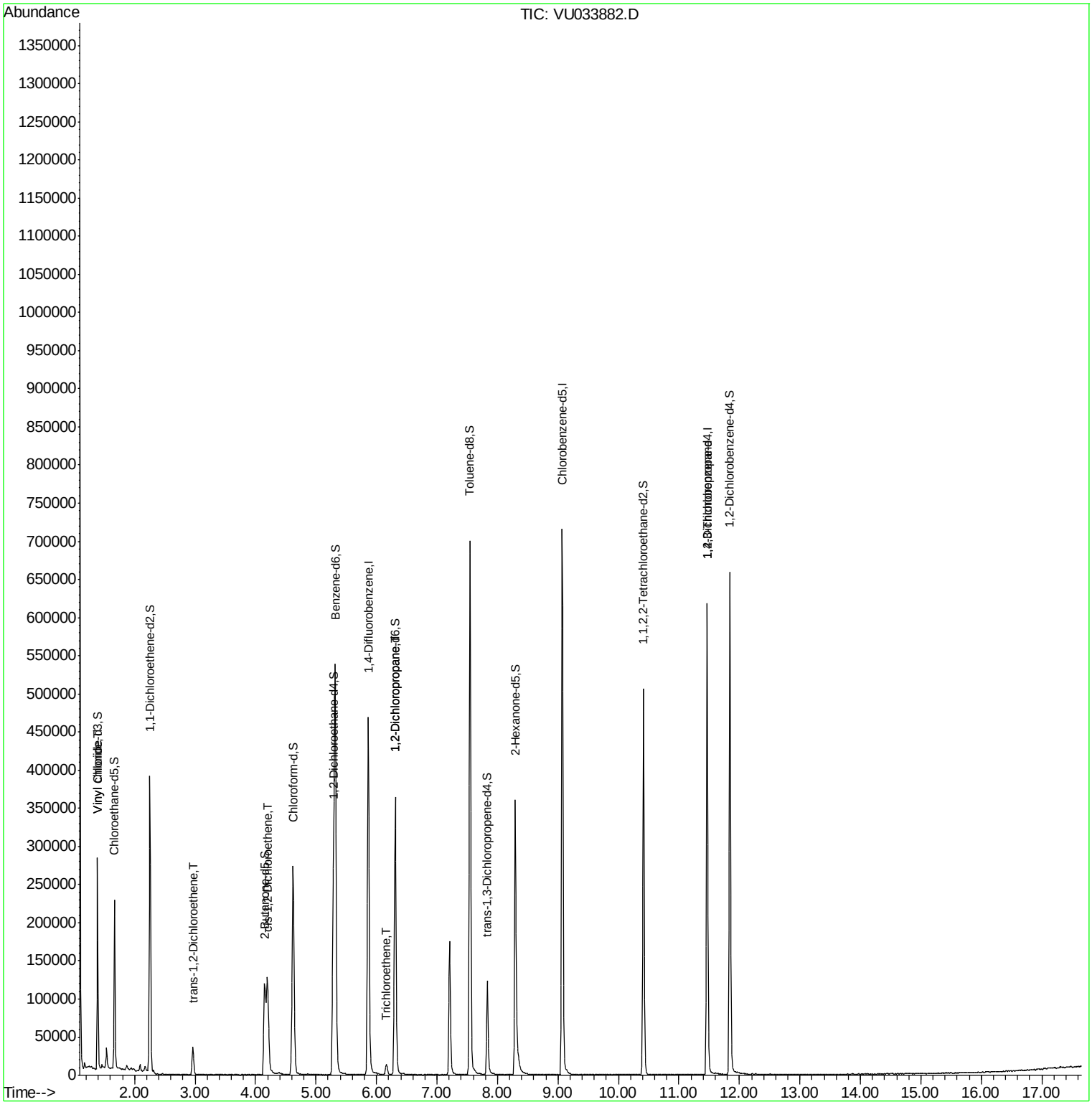
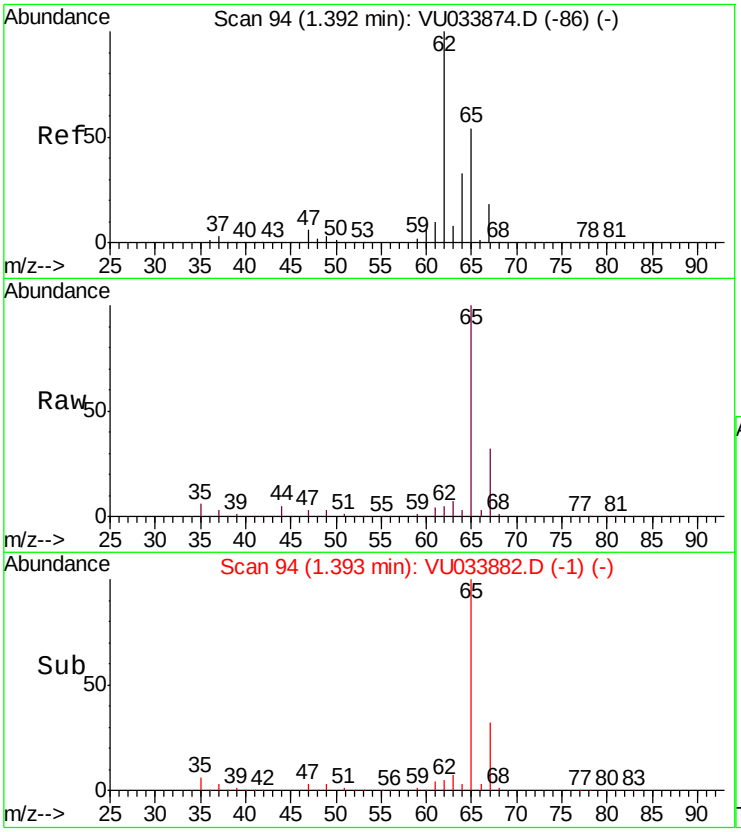
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration



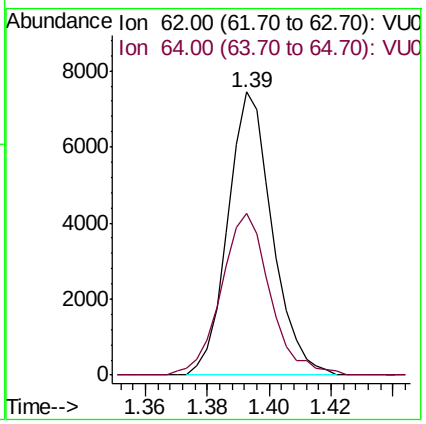


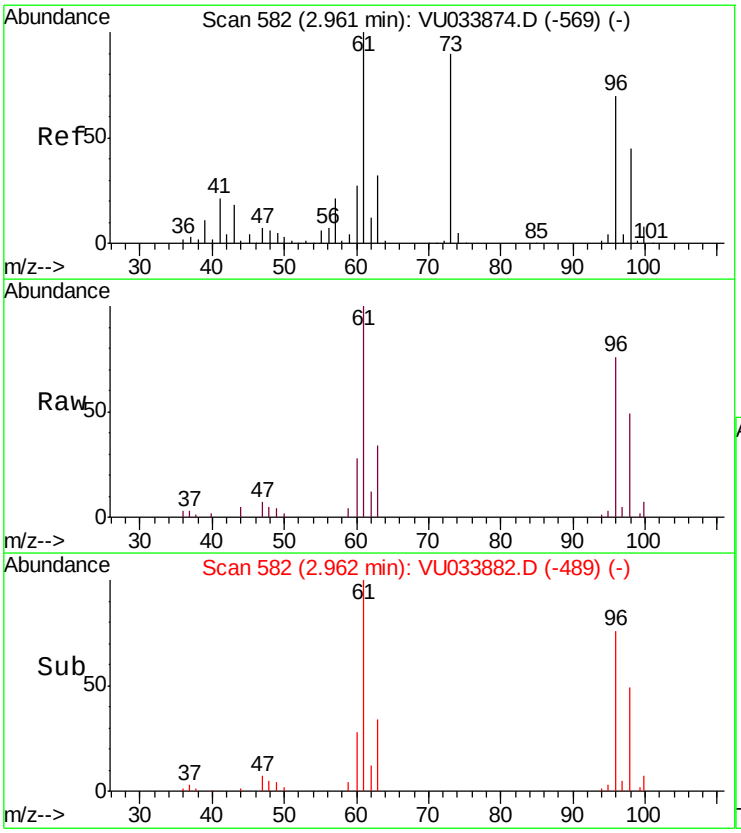
#5
Vinyl chloride
Concen: 1.683 ug/L
RT: 1.39 min Scan# 94
Delta R.T. 0.00 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
F2C07

Tgt Ion: 62 Resp: 7444

Ion	Ratio	Lower	Upper
62	100		
64	57.2	23.3	43.3#

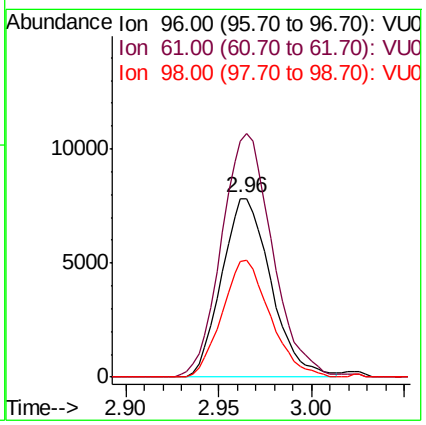


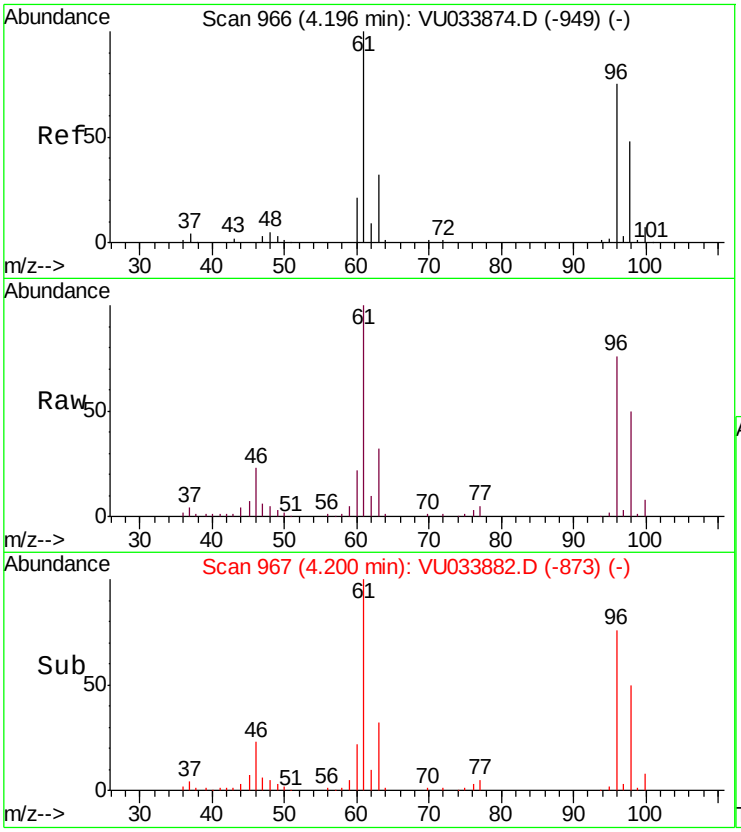


#17
trans-1,2-Dichloroethene
Concen: 5.101 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Tgt Ion: 96 Resp: 14472

Ion	Ratio	Lower	Upper
96	100		
61	131.6	98.6	183.2
98	64.9	43.8	81.3



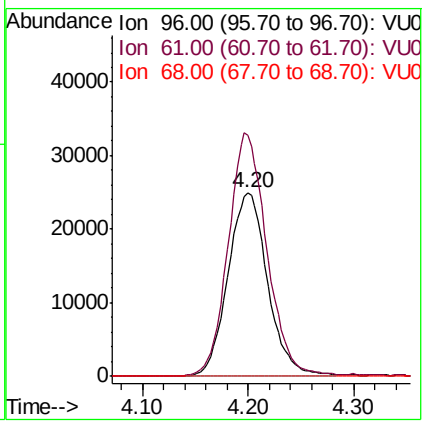


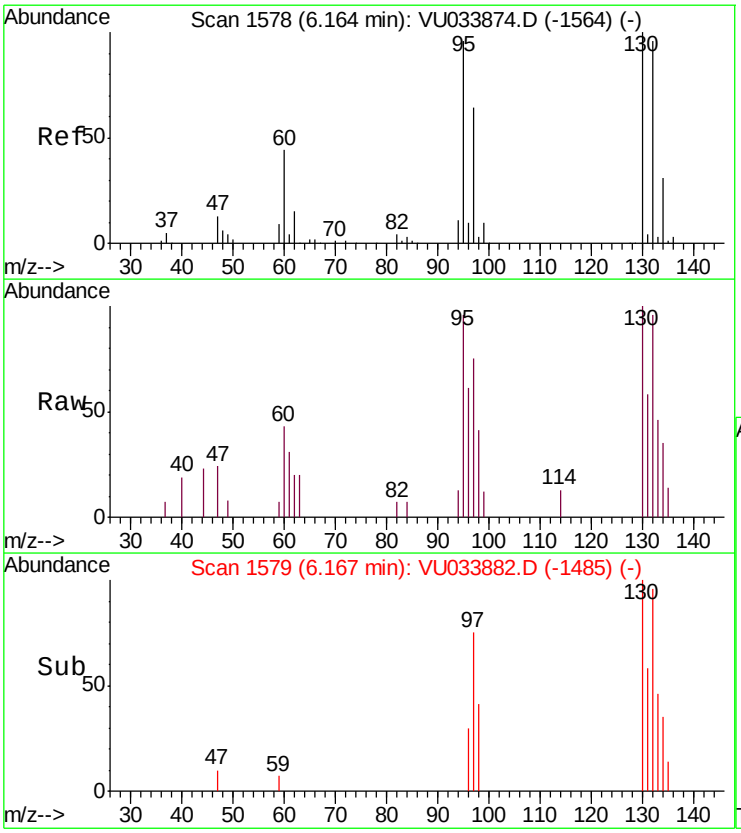
#20
cis-1,2-Dichloroethene
Concen: 21.213 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Instrument : MSVOA_U
ClientSampleId : F2C07

Tgt Ion: 96 Resp: 65106

Ion	Ratio	Lower	Upper
96	100		
61	131.3	88.2	163.8
68	0.0	0.0	0.0

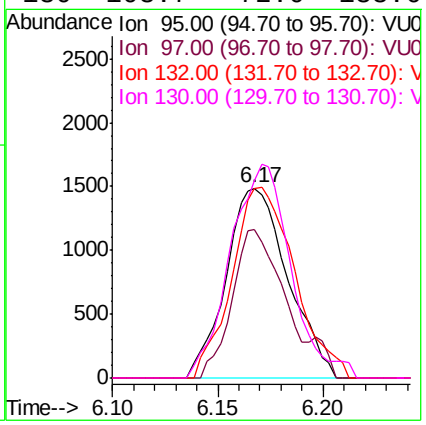


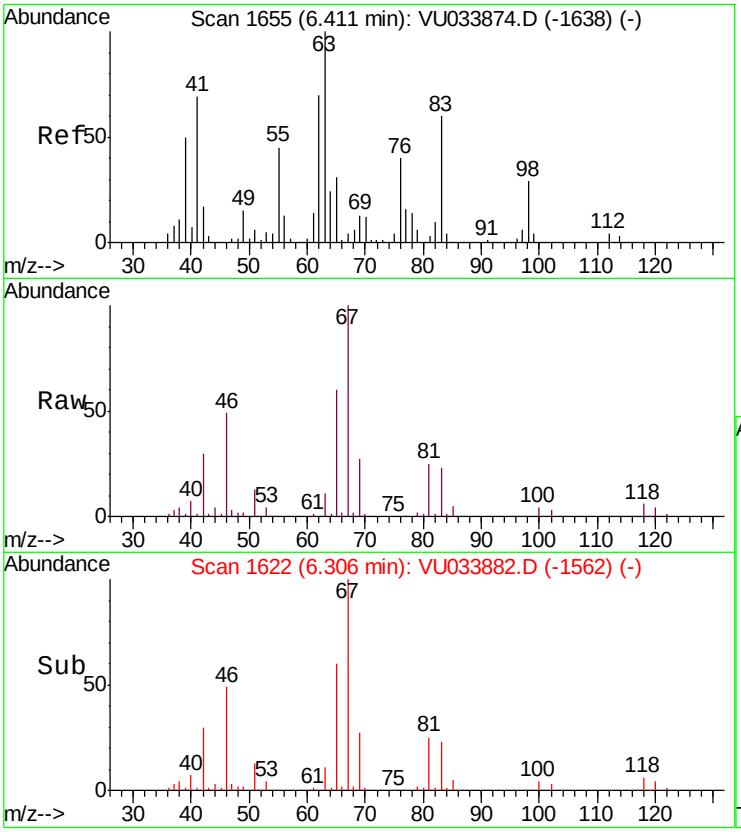


#34
Trichloroethene
Concen: 0.936 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Tgt Ion: 95 Resp: 3024

Ion	Ratio	Lower	Upper
95	100		
97	78.2	46.3	86.1
132	99.5	67.9	126.1
130	103.7	72.0	133.6



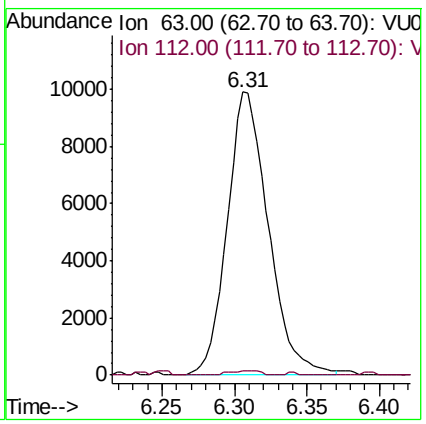


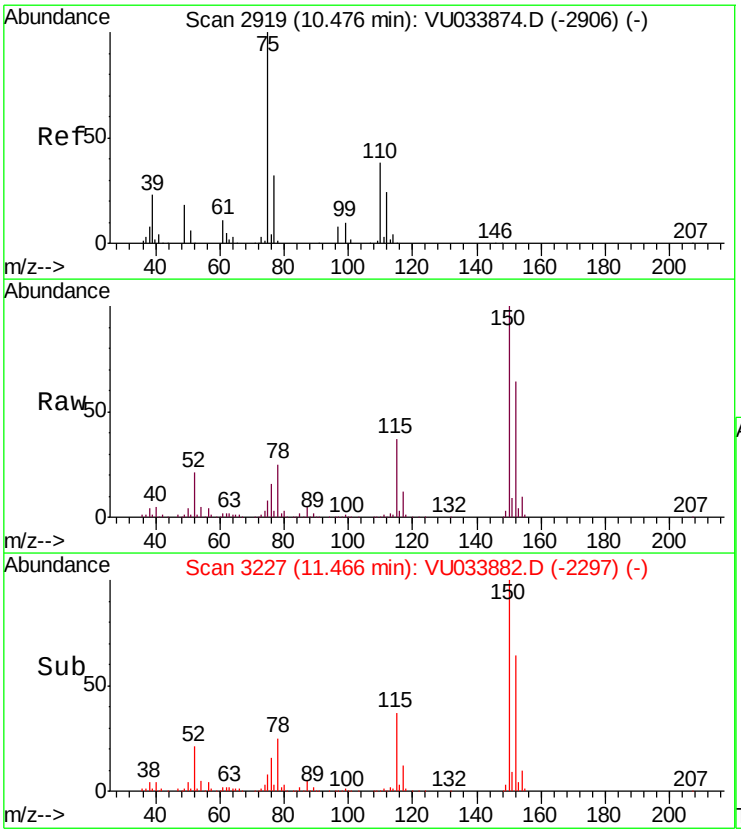
#37
1,2-Dichloropropane
Concen: 5.895 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Instrument :
MSVOA_U
ClientSampleId :
F2C07

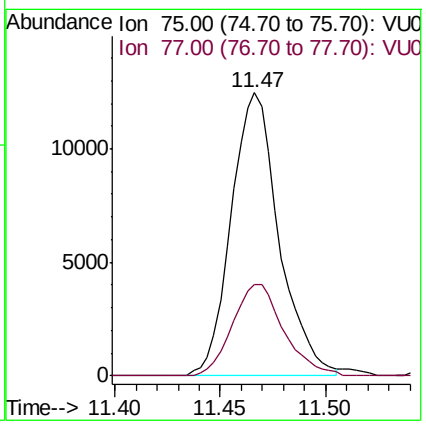
Tgt Ion: 63 Resp: 19544

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 4.896 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033882.D
Acq: 21 Aug 2019 19:21

Tgt Ion: 75 Resp: 19661

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.0	39.0