Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
Data File : VU033624.D
Acq On : 07 Aug 2019 18:03
Operator : JC/SP
Sample : K4202-04 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B04

Quant Time: Aug 08 03:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 03:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	301321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137381	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	93179	48.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.78%			
7) Chloroethane-d5	1.67	69	93617	43.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.24%			
11) 1,1-Dichloroethene-d2	2.26	63	124867	33.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.98%			
21) 2-Butanone-d5	4.15	46	179888	115.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.31%			
24) Chloroform-d	4.62	84	178915	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.62%			
26) 1,2-Dichloroethane-d4	5.29	65	122574	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.04%			
32) Benzene-d6	5.32	84	354004	47.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.32%			
36) 1,2-Dichloropropane-d6	6.31	67	122159	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.78%			
41) Toluene-d8	7.55	98	299565	43.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.68%			
43) trans-1,3-Dichloropropene-	7.83	79	53153	44.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.90%			
47) 2-Hexanone-d5	8.30	63	124319	106.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.93%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193851	53.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.56%			
64) 1,2-Dichlorobenzene-d4	11.85	152	134146	54.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.74%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	3048	0.998	ug/L #	26
20) cis-1,2-Dichloroethene	4.20	96	5771	2.492	ug/L	94
25) Chloroform	4.65	83	8306	2.034	ug/L	95
37) 1,2-Dichloropropane	6.31	63	13271	5.374	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3277	0.873	ug/L #	56
48) 2-Hexanone	8.30	43	14829	5.255	ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	15607	4.825	ug/L	89

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

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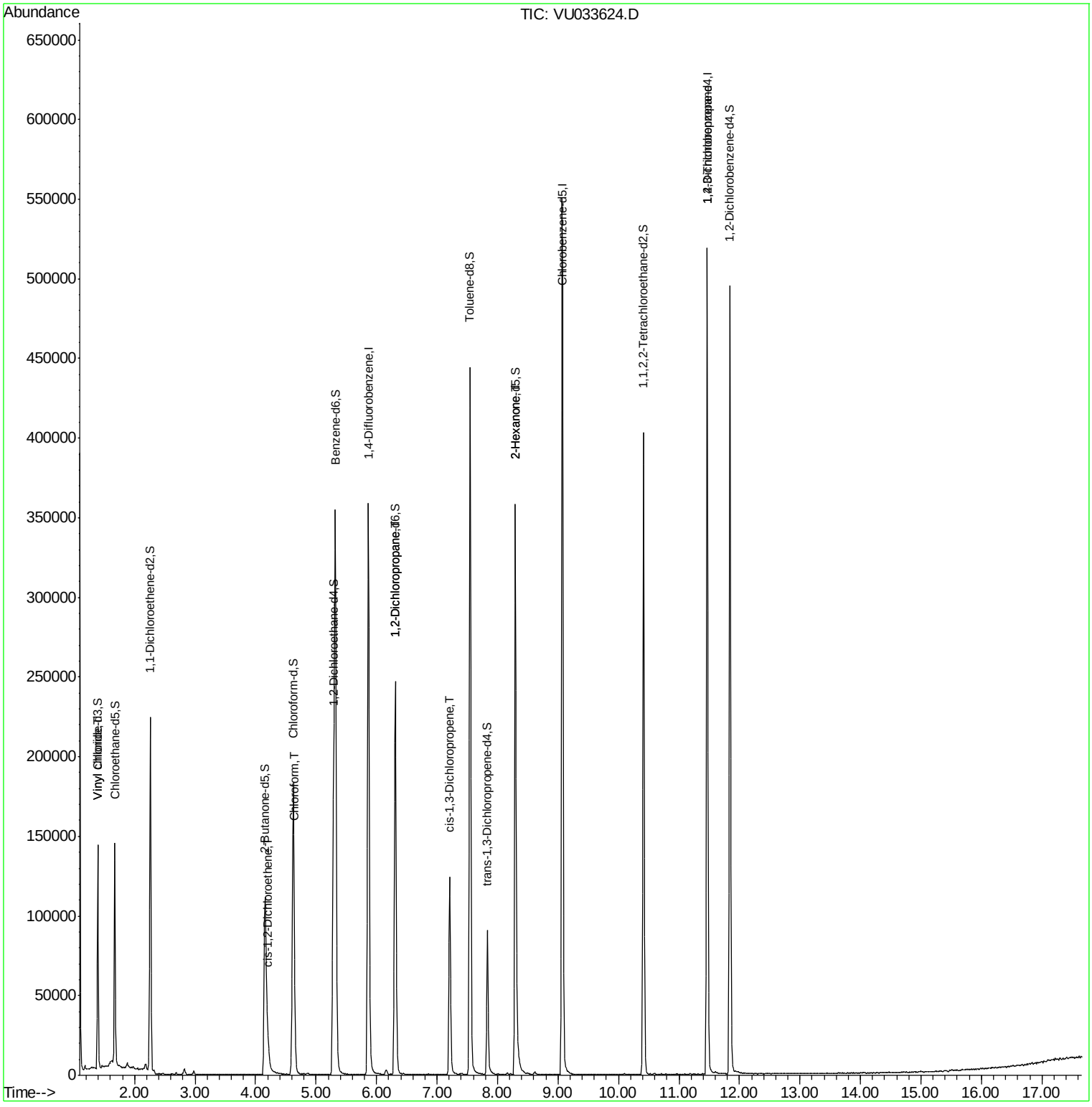
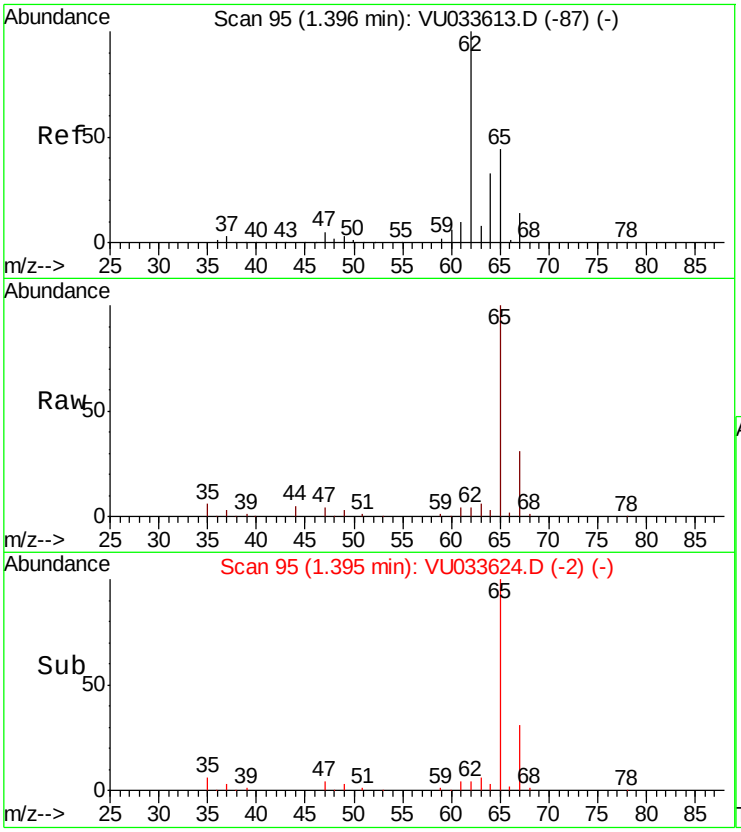


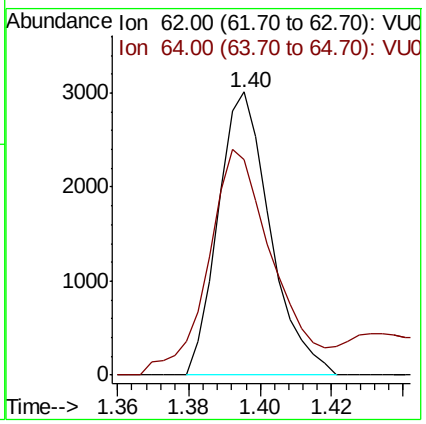


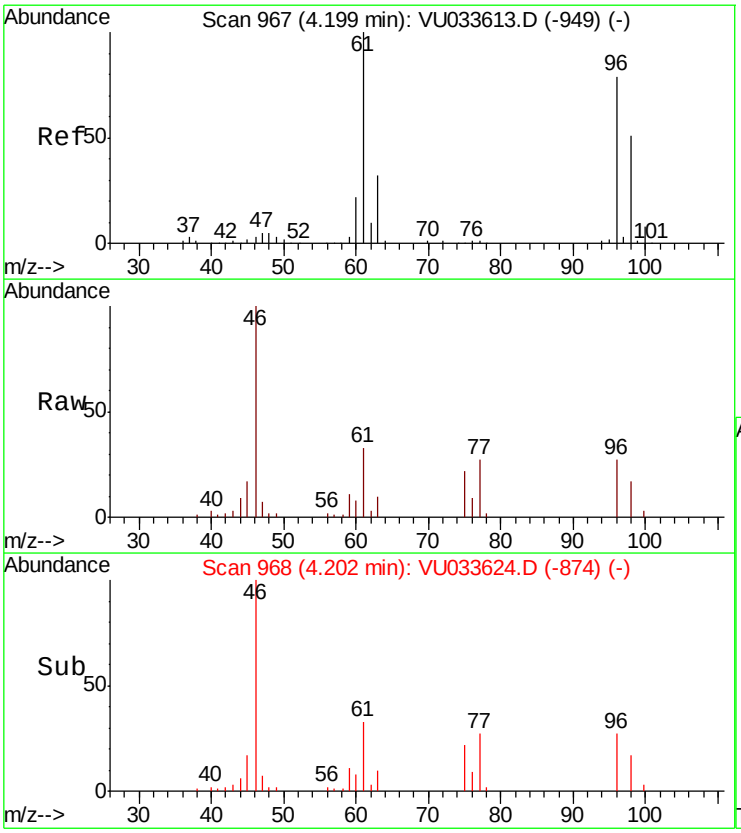
#5
Vinyl chloride
Concen: 0.998 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Tgt Ion: 62 Resp: 3048

Ion	Ratio	Lower	Upper
62	100		
64	76.3	23.8	44.2#

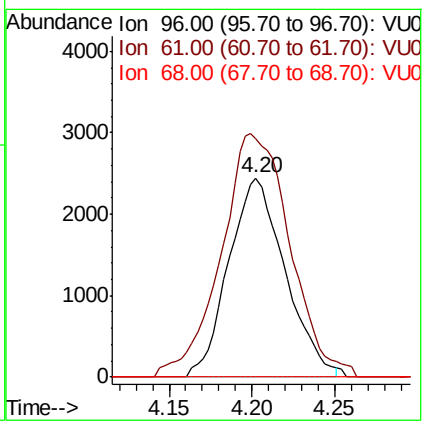


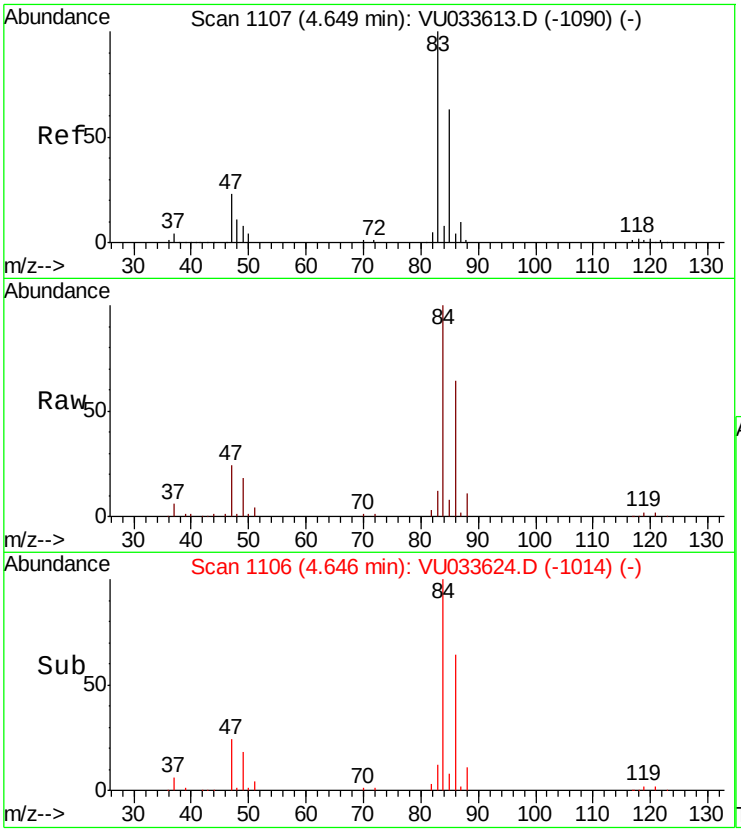


#20
cis-1,2-Dichloroethene
Concen: 2.492 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Tgt Ion: 96 Resp: 5771

Ion	Ratio	Lower	Upper
96	100		
61	119.6	88.2	163.8
68	0.0	0.0	0.0



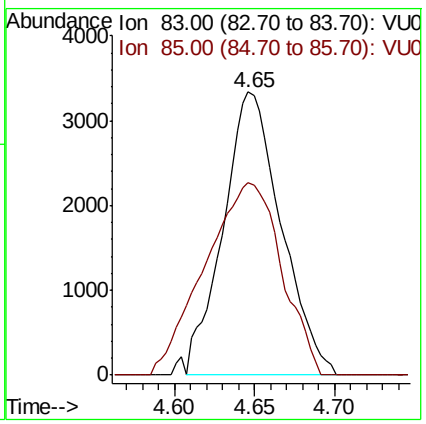


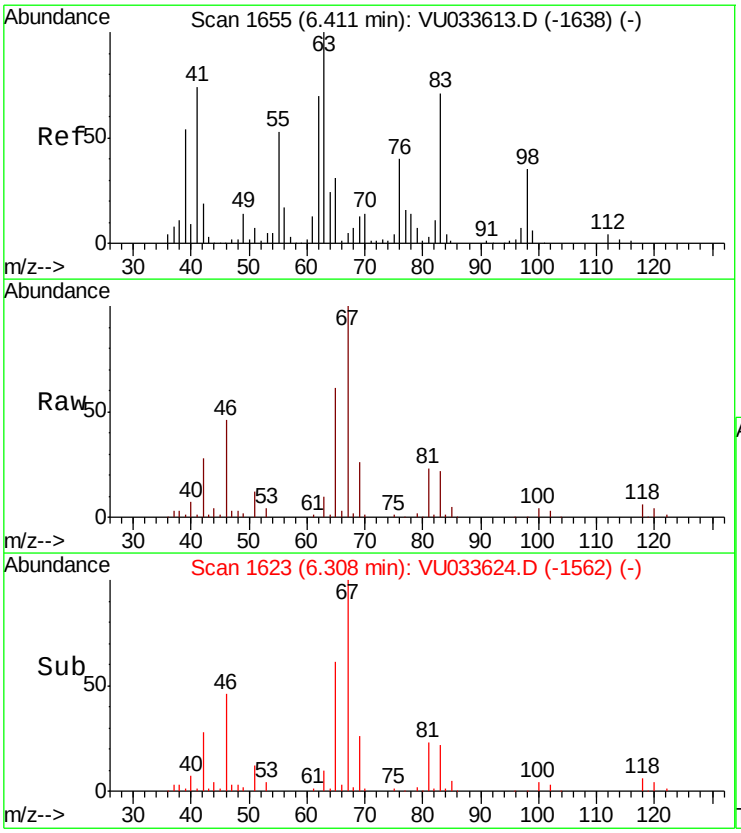
#25
Chloroform
Concen: 2.034 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Tgt Ion: 83 Resp: 8306

Ion	Ratio	Lower	Upper
83	100		
85	67.9	44.9	83.3

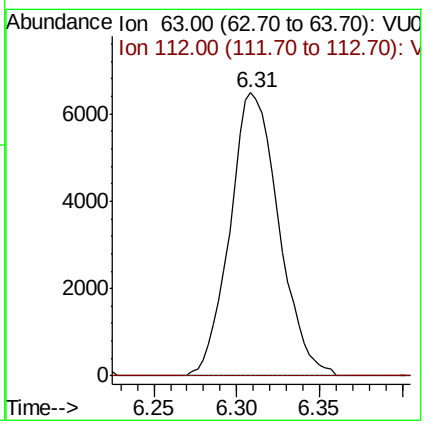


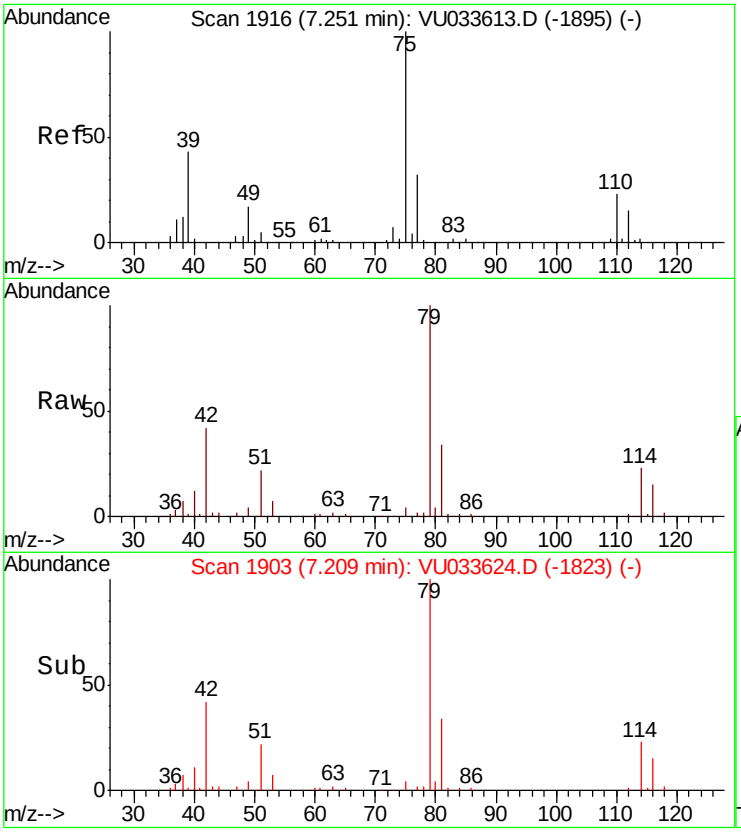


#37
1,2-Dichloropropane
Concen: 5.374 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Tgt Ion: 63 Resp: 13271

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



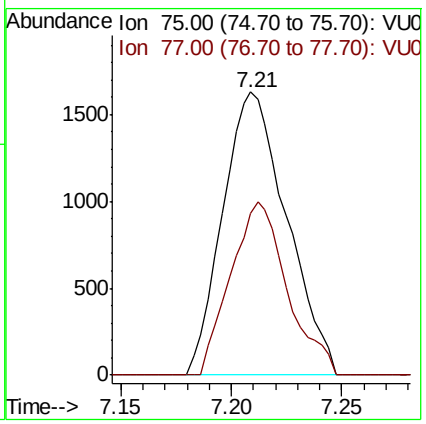


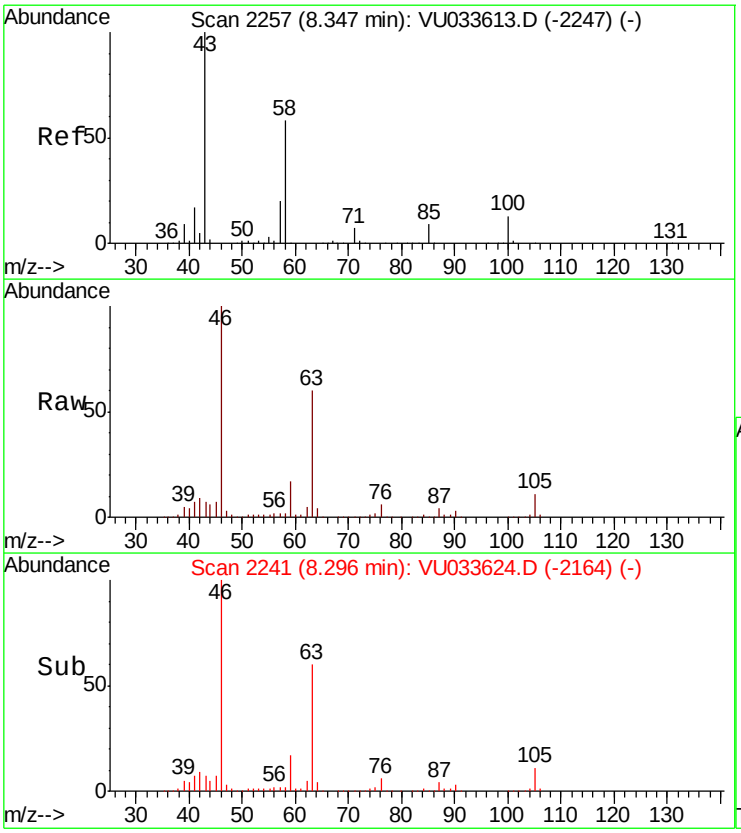
#39
cis-1,3-Dichloropropene
Concen: 0.873 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Tgt Ion: 75 Resp: 3277

Ion	Ratio	Lower	Upper
75	100		
77	57.3	22.7	42.3#

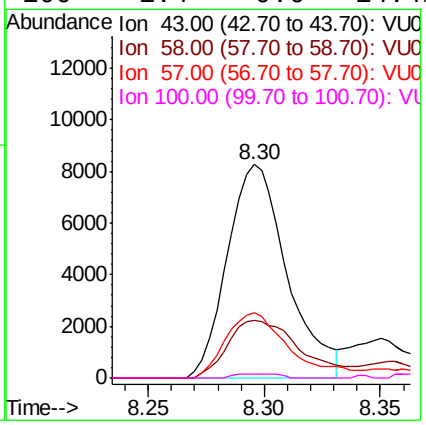


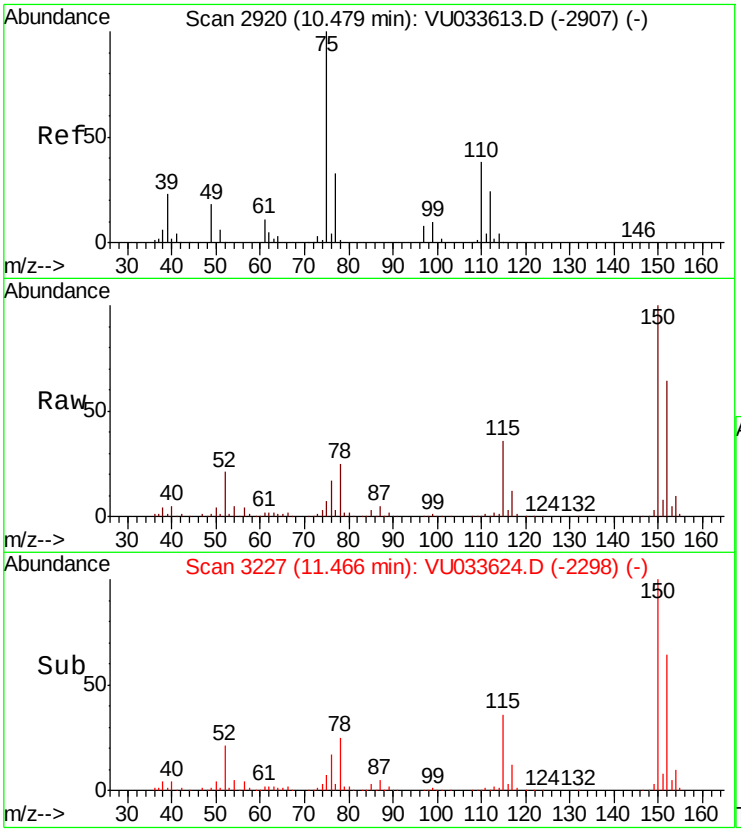


#48
2-Hexanone
Concen: 5.255 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Tgt Ion: 43 Resp: 14829

Ion	Ratio	Lower	Upper
43	100		
58	33.3	45.2	67.8#
57	32.5	15.4	23.2#
100	1.4	9.6	14.4#





#59
1,2,3-Trichloropropane
Concen: 4.825 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033624.D
Acq: 07 Aug 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Tgt Ion: 75 Resp: 15607

Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.7	38.5