Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036056.D
Acq On : 09 Dec 2019 18:52
Operator : JC/MD
Sample : K6167-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQS8

Quant Time: Dec 10 01:52:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92993	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	106713	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.93	69	118670	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.59	63	121669	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.70	46	197464	53.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.50%			
24) Chloroform-d	5.11	84	170922	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.75	65	92330	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.77	84	347962	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.73	67	106450	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.93	98	290313	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	8.22	79	31678	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.68	63	160492	52.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.86%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96042	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	102796	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	2019	0.083	ug/L #	1
12) 1,1-Dichloroethene	2.59	96	1380	0.065	ug/L #	1
13) Acetone	2.69	43	14055	2.986	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	7372	0.202	ug/L	95
19) 1,1-Dichloroethane	3.92	63	3727	0.115	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	14169	0.745	ug/L	95
25) Chloroform	5.13	83	10468	0.289	ug/L	93
35) Methylcyclohexane	6.73	83	25921	1.011	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11522	0.638	ug/L #	85
59) 1,2,3-Trichloropropane	11.83	75	9836	0.762	ug/L	93

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

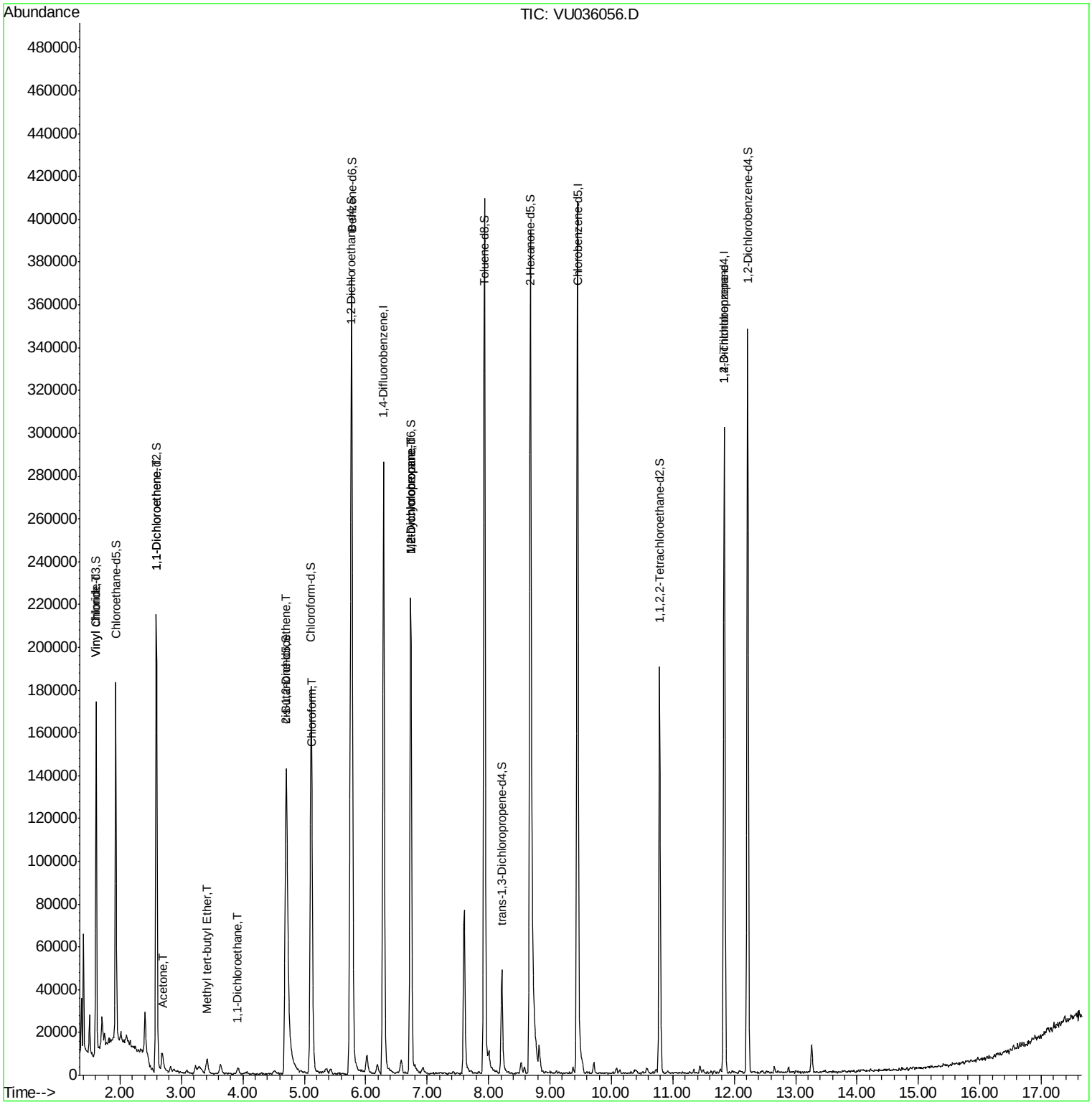
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

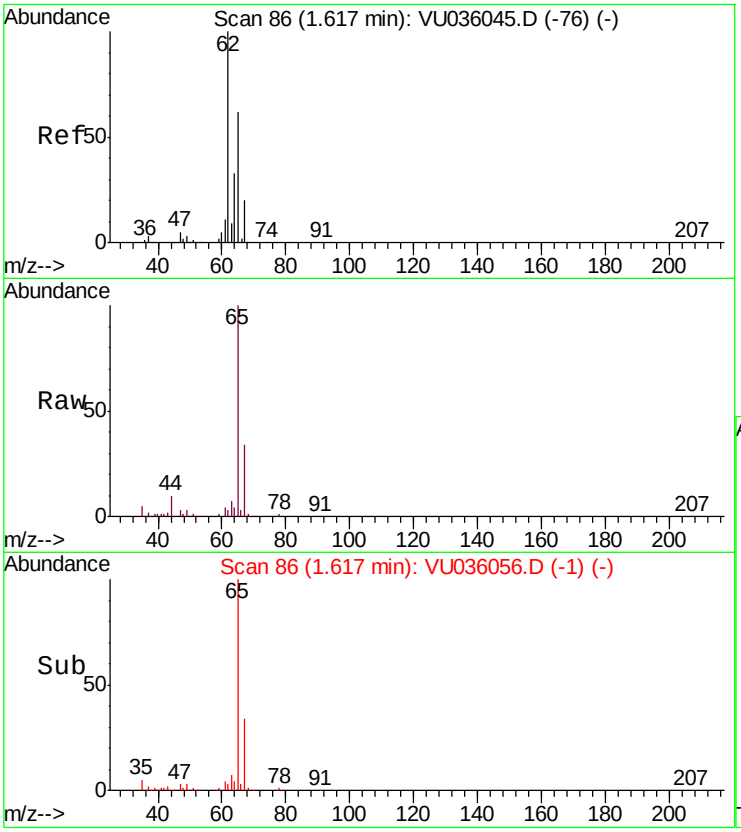
Quantitation Report (Not Reviewed)

Data File : VU036056.D
Acq On : 09 Dec 2019 18:52
Operator : JC/MD
Sample : K6167-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQS8

Quant Time: Dec 10 01:52:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration



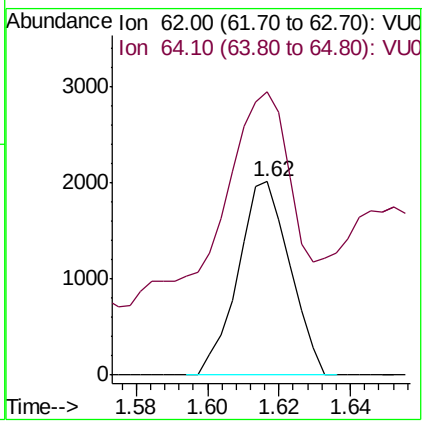


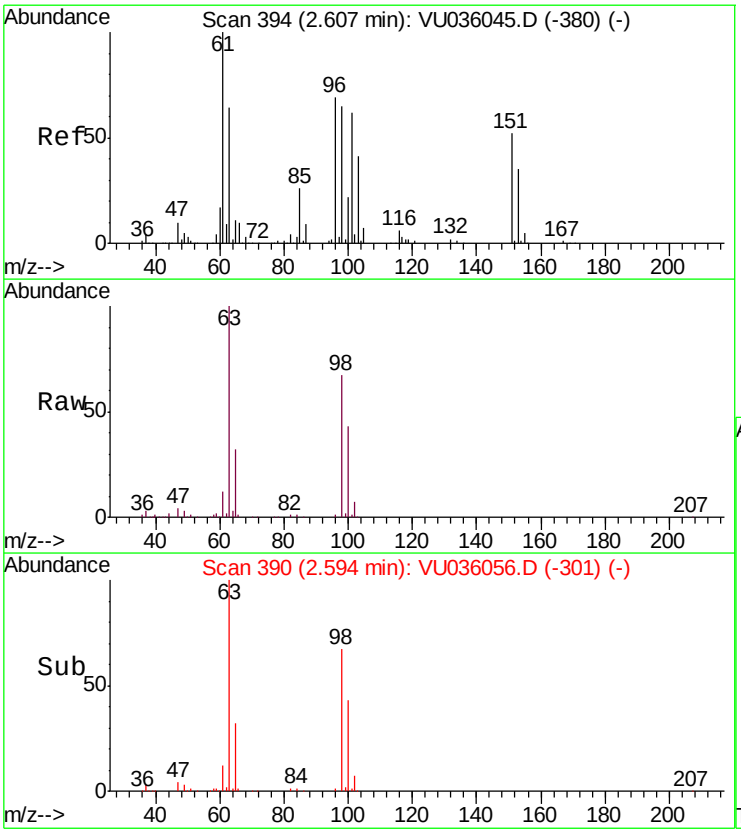
#5
Vinyl chloride
Concen: 0.083 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
BFQS8

Tgt Ion: 62 Resp: 2019

Ion	Ratio	Lower	Upper
62	100		
64	146.2	24.3	45.1#

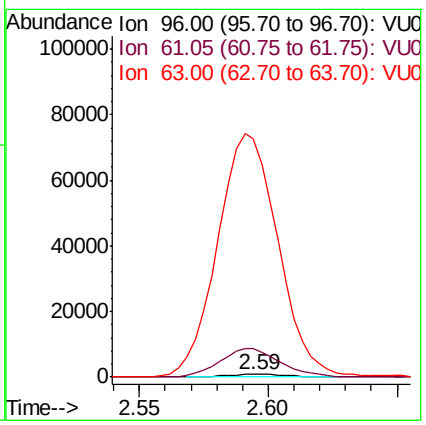


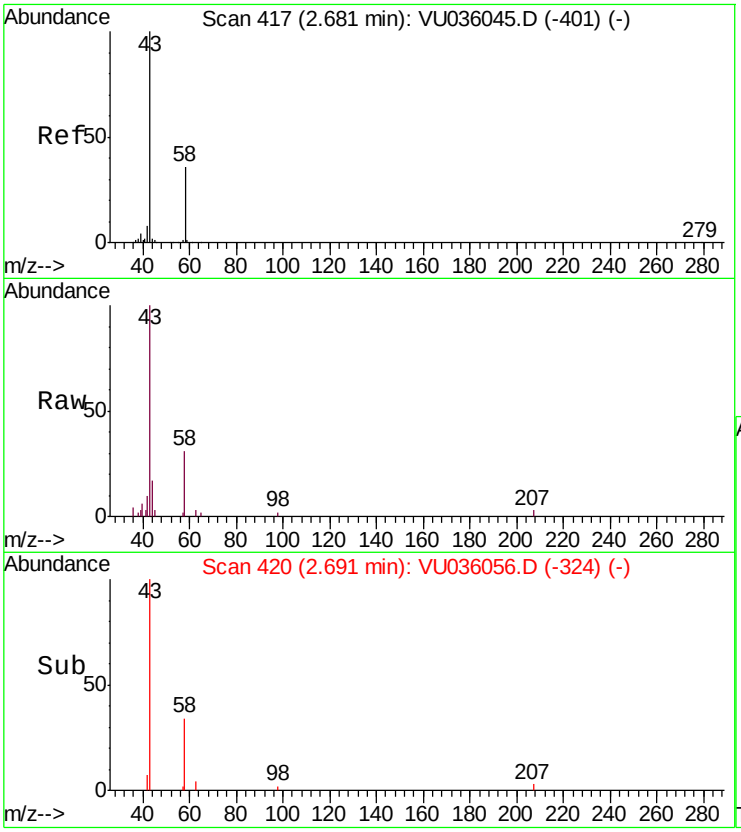


#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Tgt Ion: 96 Resp: 1380

Ion	Ratio	Lower	Upper
96	100		
61	1032.8	104.3	193.7#
63	8664.4	65.6	121.8#



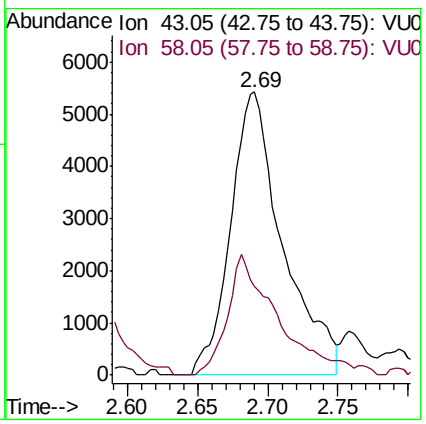


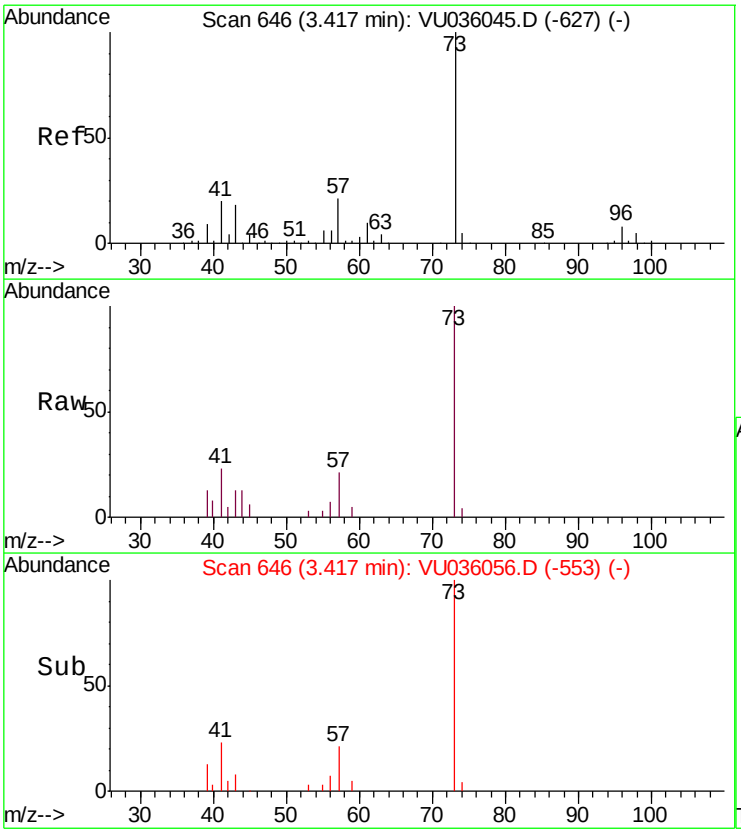
#13
Acetone
Concen: 2.986 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.01 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Instrument : MSVOA_U
ClientSampleId : BFQS8

Tgt Ion: 43 Resp: 14055

Ion	Ratio	Lower	Upper
43	100		
58	41.0	0.0	74.2

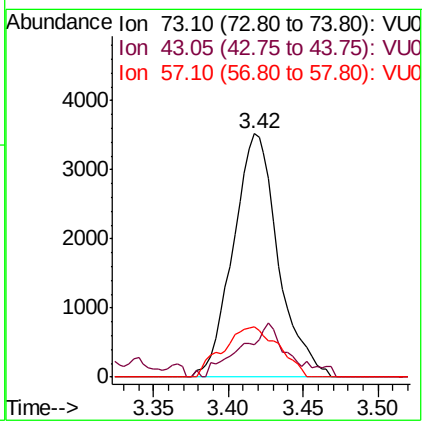


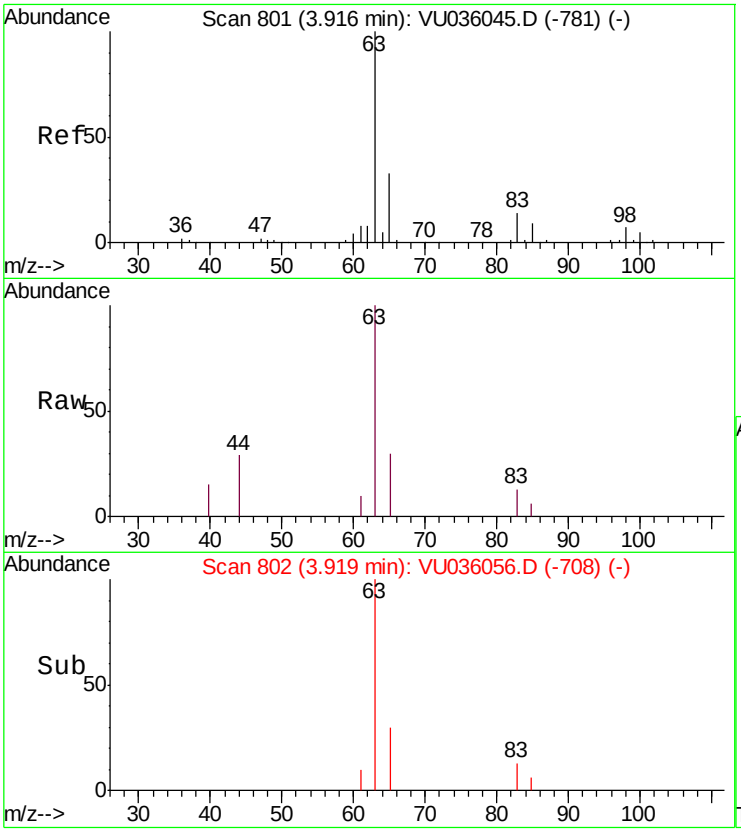


#17
Methyl tert-butyl Ether
Concen: 0.202 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Tgt Ion: 73 Resp: 7372

Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.6	23.4
57	25.4	17.4	26.2



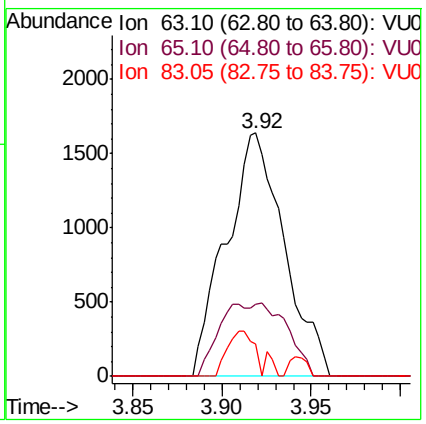


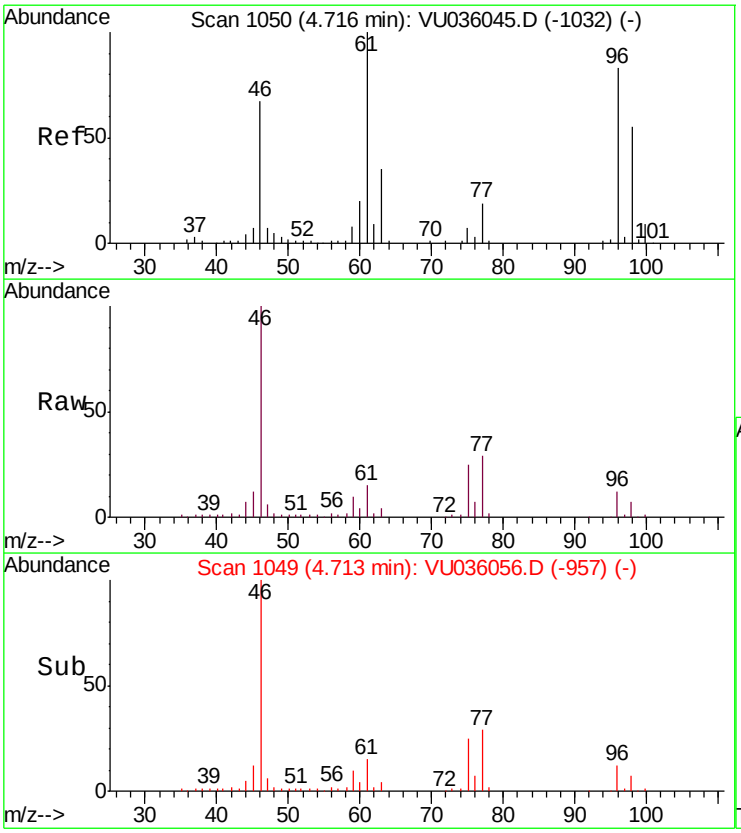
#19
1,1-Dichloroethane
Concen: 0.115 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Instrument : MSVOA_U
ClientSampleId : BFQS8

Tgt Ion: 63 Resp: 3727

Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.8	40.4
83	13.1	10.1	18.9

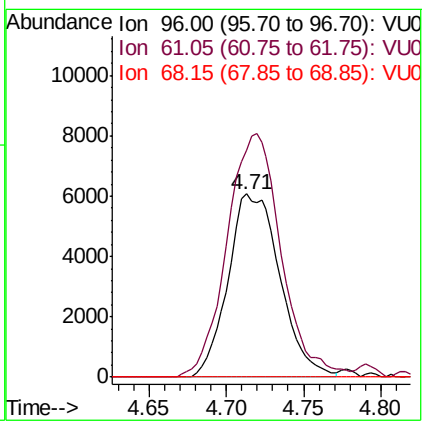


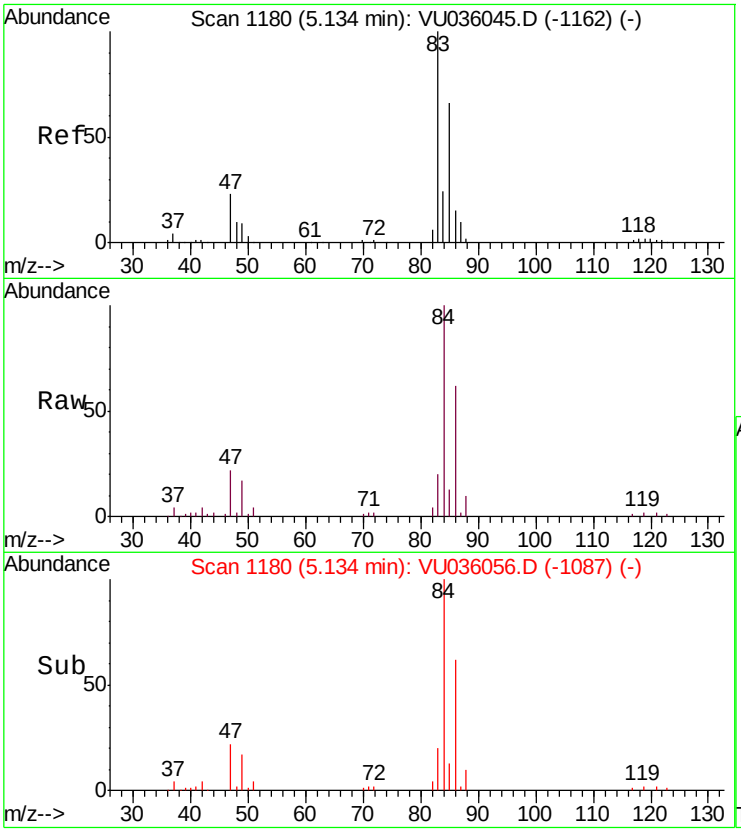


#22
cis-1,2-Dichloroethene
Concen: 0.745 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Tgt Ion: 96 Resp: 14169

Ion	Ratio	Lower	Upper
96	100		
61	124.4	83.0	154.2
68	0.0	0.0	0.0



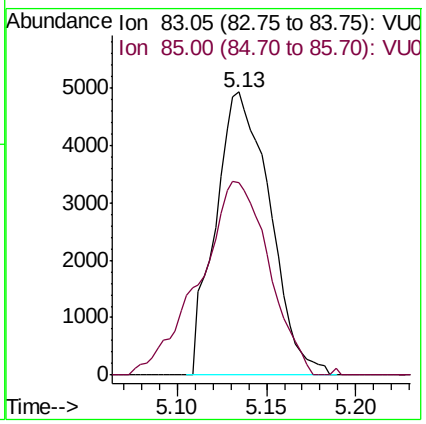


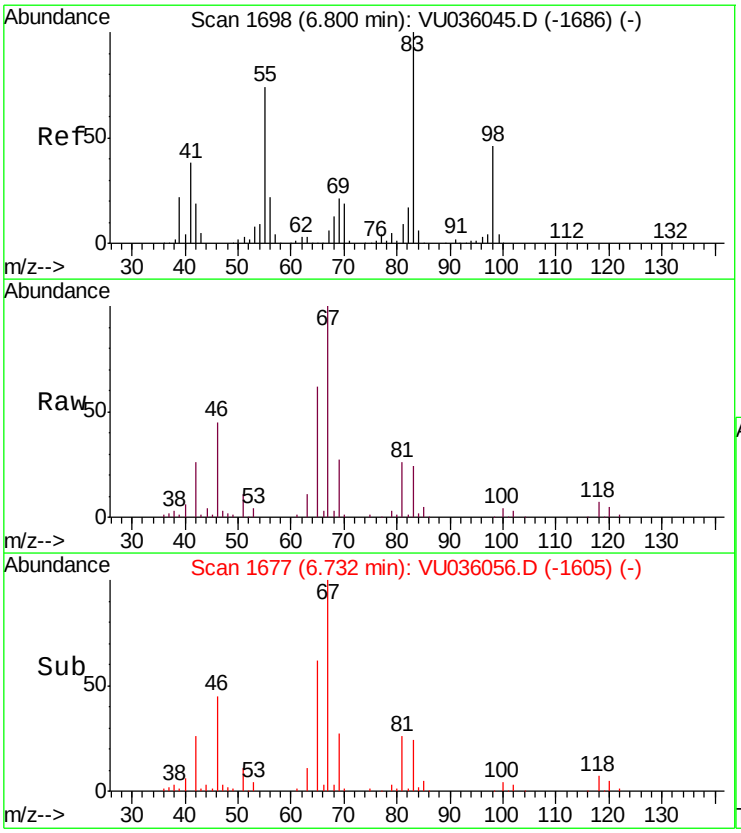
#25
Chloroform
Concen: 0.289 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
BFQS8

Tgt Ion: 83 Resp: 10468

Ion	Ratio	Lower	Upper
83	100		
85	67.8	43.9	81.5

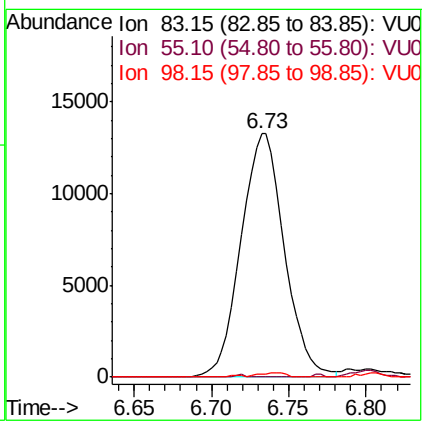


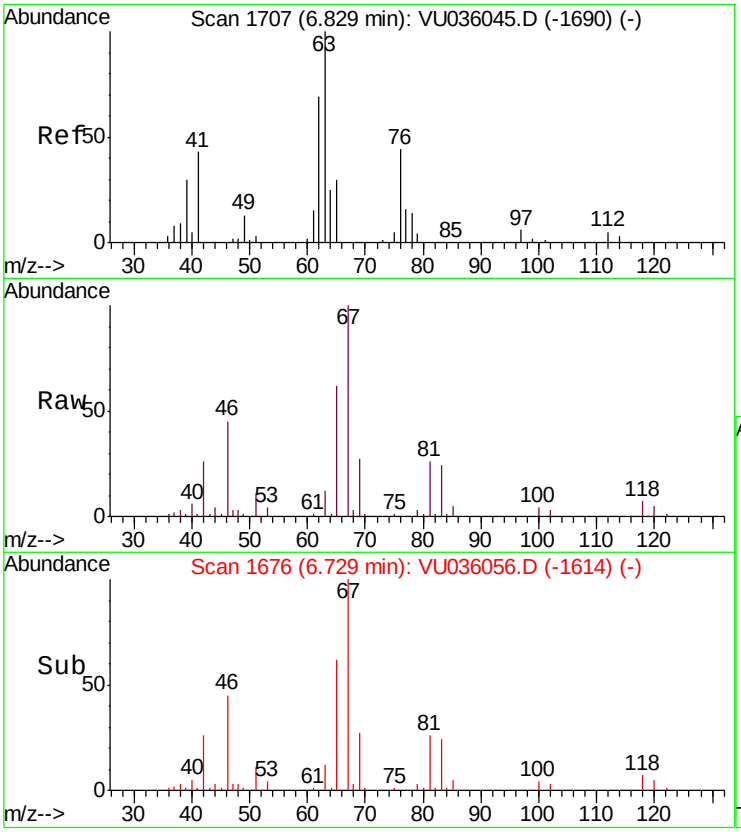


#35
Methylcyclohexane
Concen: 1.011 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Tgt Ion: 83 Resp: 25921

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.1	93.1#
98	1.0	37.0	55.4#



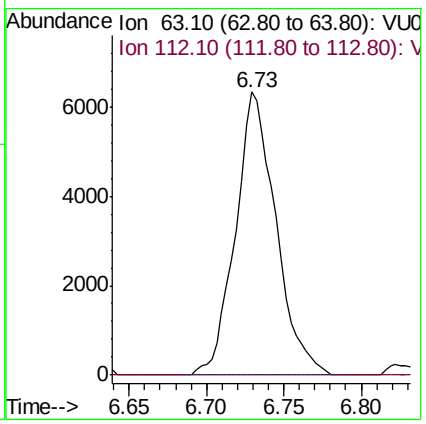


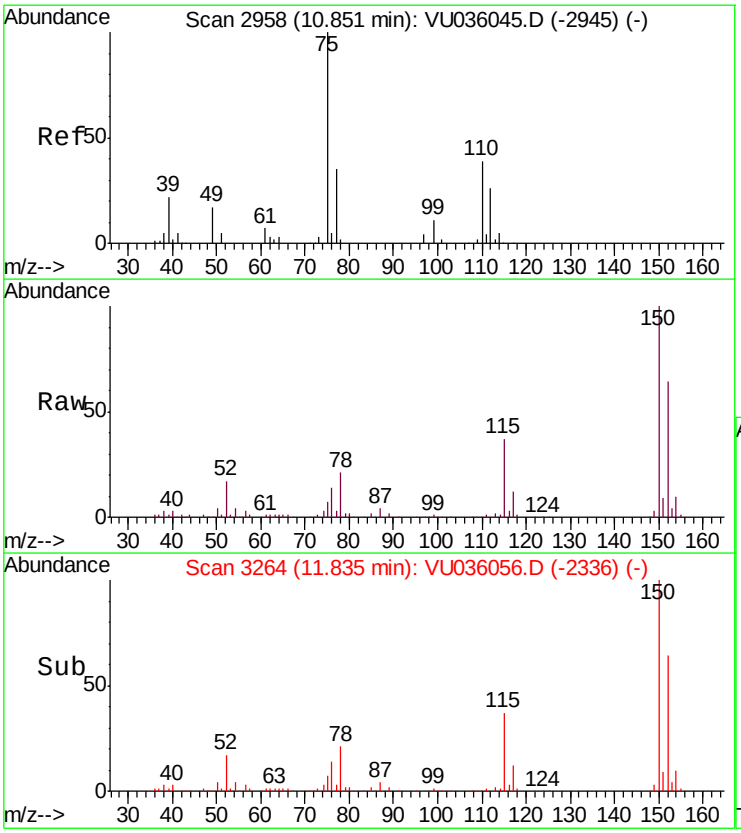
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Instrument :
MSVOA_U
ClientSampleId :
BFQS8

Tgt Ion: 63 Resp: 11522

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#59
1,2,3-Trichloropropane
Concen: 0.762 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036056.D
Acq: 09 Dec 2019 18:52

Tgt Ion: 75 Resp: 9836

Ion	Ratio	Lower	Upper
75	100		
77	37.5	26.7	40.1