Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112219\
Data File : VU035822.D
Acq On : 22 Nov 2019 14:45
Operator : JC/SP
Sample : K5930-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AD3

Quant Time: Dec 05 03:09:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 00:14:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	264073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	72012	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	124385	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.93	69	118805	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.60	63	212382	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	4.69	46	350480	51.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.00%			
24) Chloroform-d	5.11	84	220930	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.75	65	136927	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.77	84	434045	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.74	67	157738	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.93	98	350730	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	8.22	79	51936	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.70	63	213836	40.27	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.54%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123094	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	75784	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	92615	3.916	ug/L	90
13) Acetone	2.67	43	46723	7.742	ug/L	98
14) Carbon disulfide	2.83	76	11574	0.147	ug/L	95
17) Methyl tert-butyl Ether	3.42	73	26727	0.467	ug/L	96
19) 1,1-Dichloroethane	3.92	63	25710	0.491	ug/L	94
21) 2-Butanone	4.77	43	63699	8.341	ug/L	100
34) Trichloroethene	6.58	95	32849	1.215	ug/L	98

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

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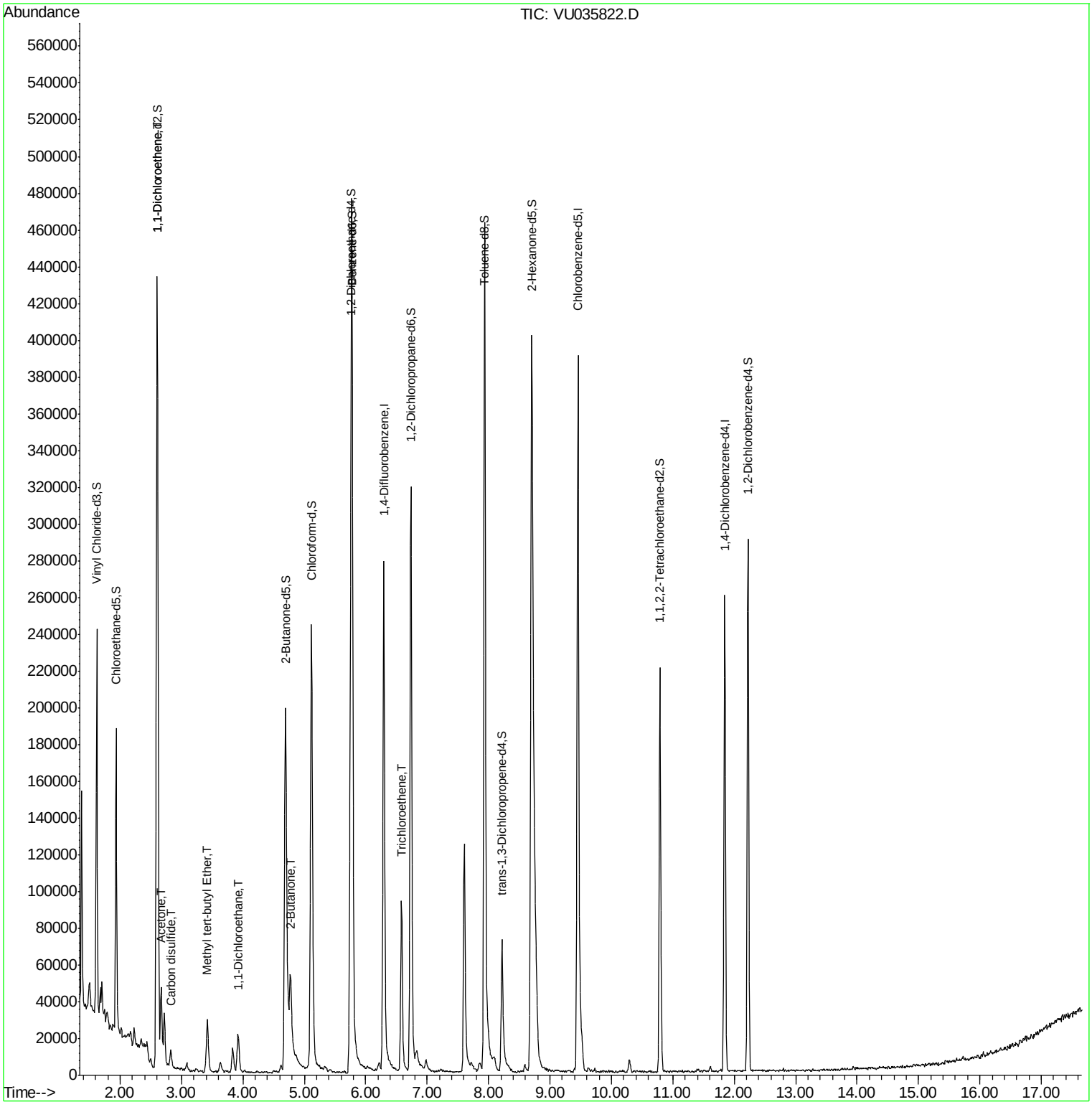
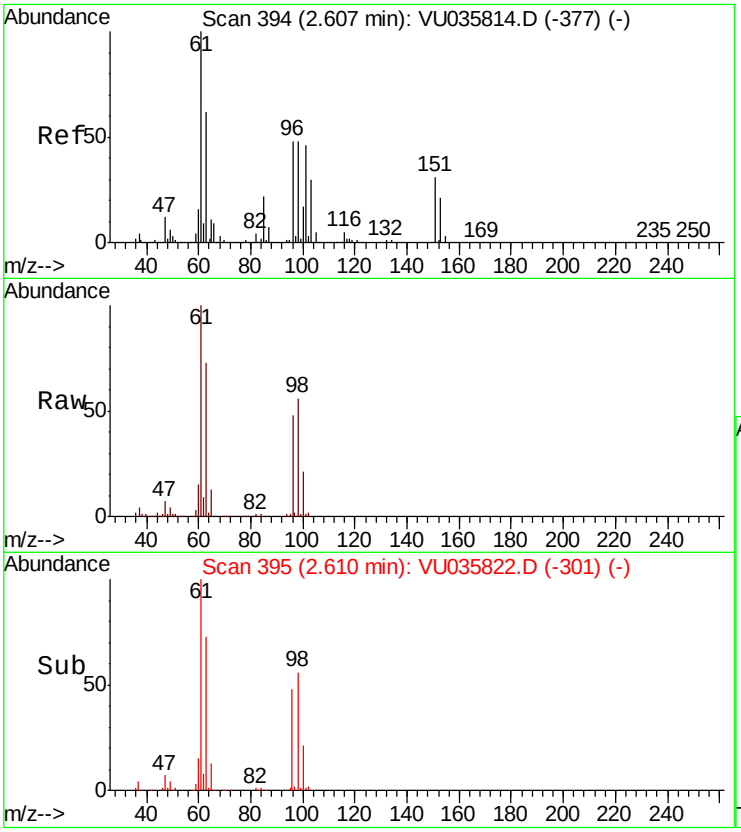


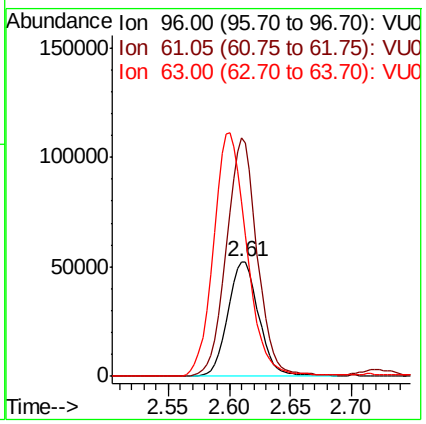


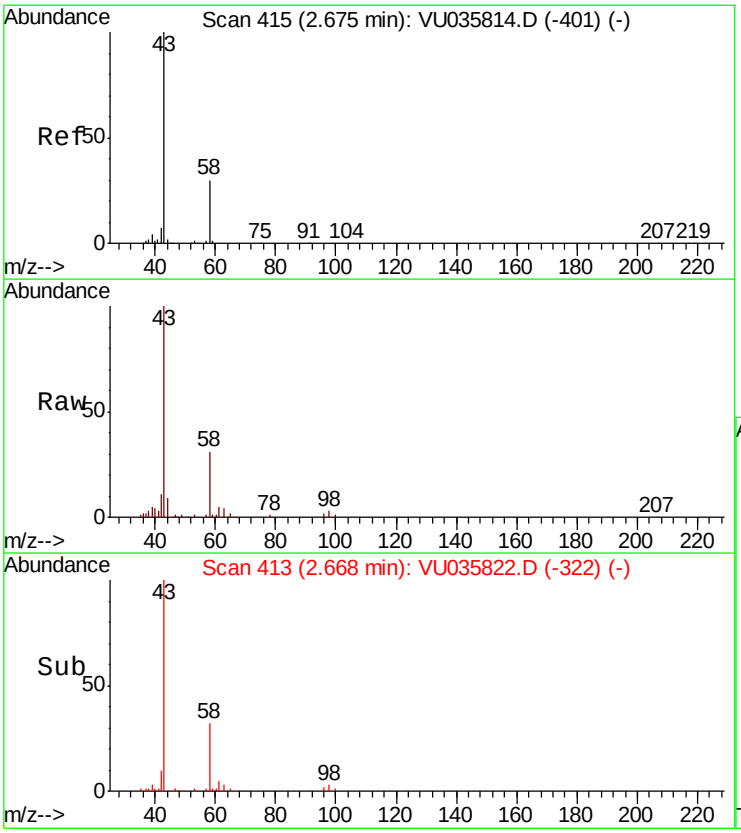
#12
1,1-Dichloroethene
Concen: 3.916 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Instrument : MSVOA_U
ClientSampleId : B0AD3

Tgt Ion: 96 Resp: 92615

Ion	Ratio	Lower	Upper
96	100		
61	208.2	139.3	258.7
63	151.8	93.7	174.1

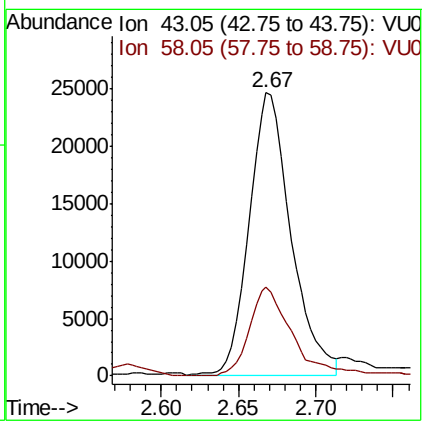


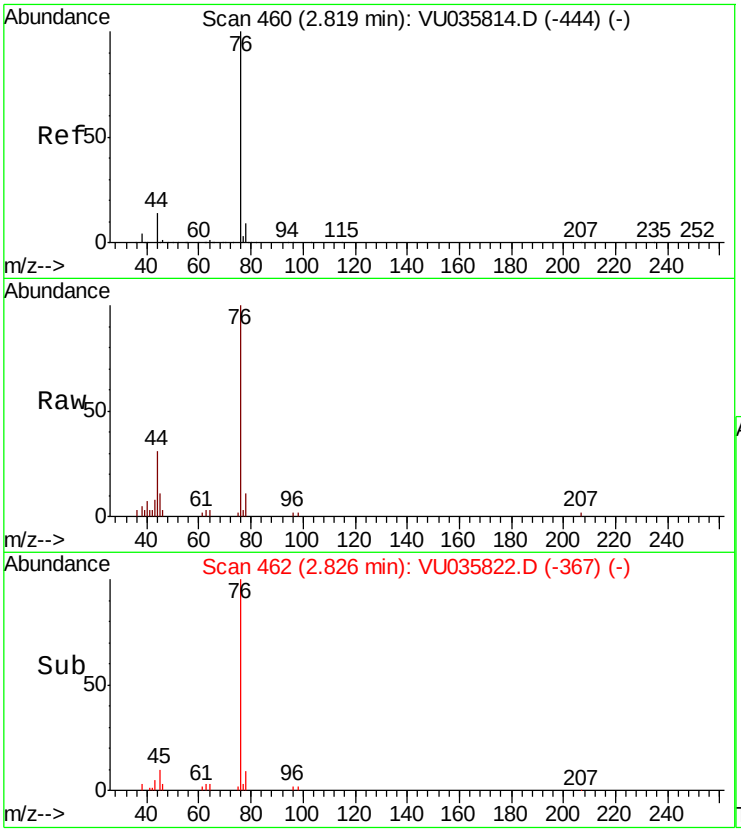


#13
Acetone
Concen: 7.742 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Tgt Ion: 43 Resp: 46723

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	61.2



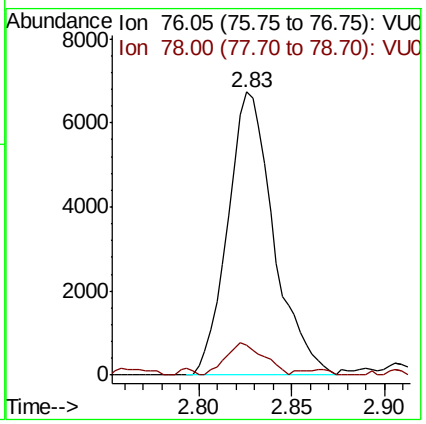


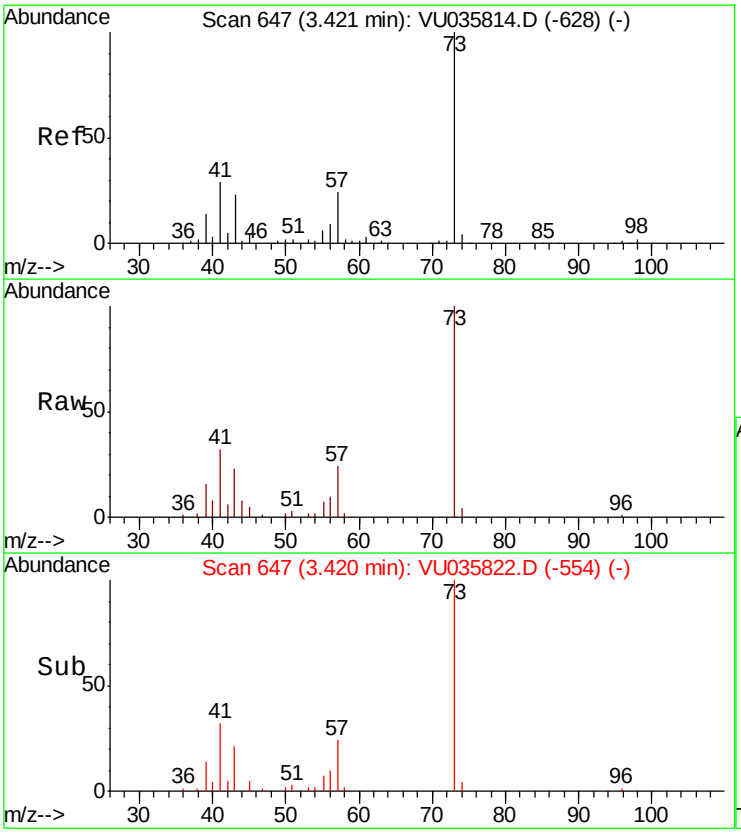
#14
Carbon disulfide
Concen: 0.147 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.01 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Instrument : MSVOA_U
ClientSampleId : B0AD3

Tgt Ion: 76 Resp: 11574

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.3	10.9

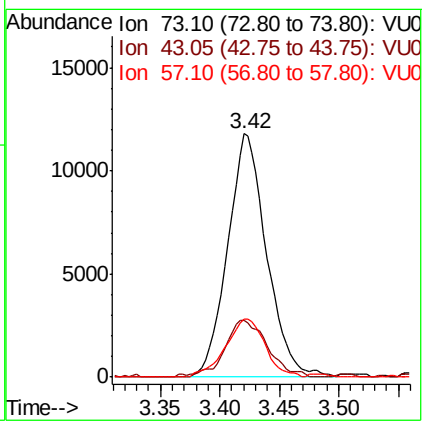


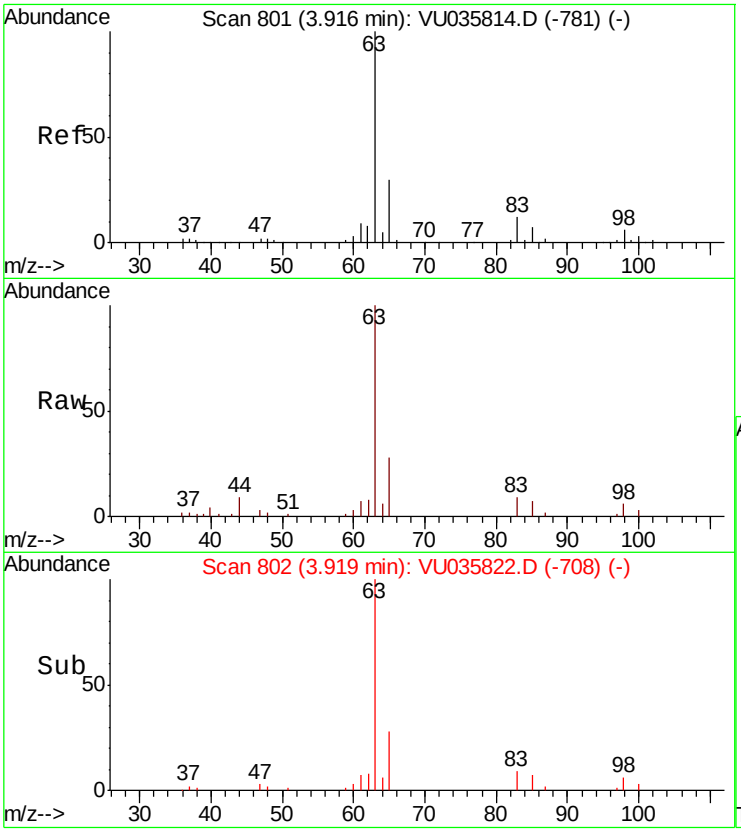


#17
Methyl tert-butyl Ether
Concen: 0.467 ug/L
RT: 3.42 min Scan# 647
Delta R.T. -0.00 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Tgt Ion: 73 Resp: 26727

Ion	Ratio	Lower	Upper
73	100		
43	25.6	17.4	26.2
57	24.4	19.4	29.0



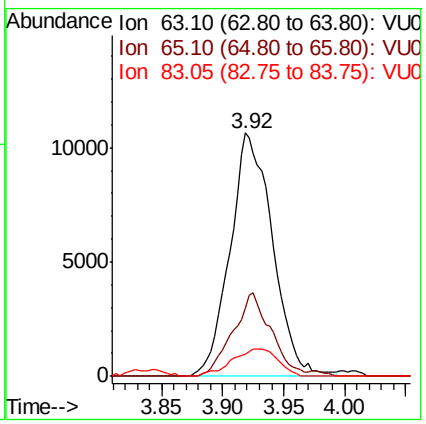


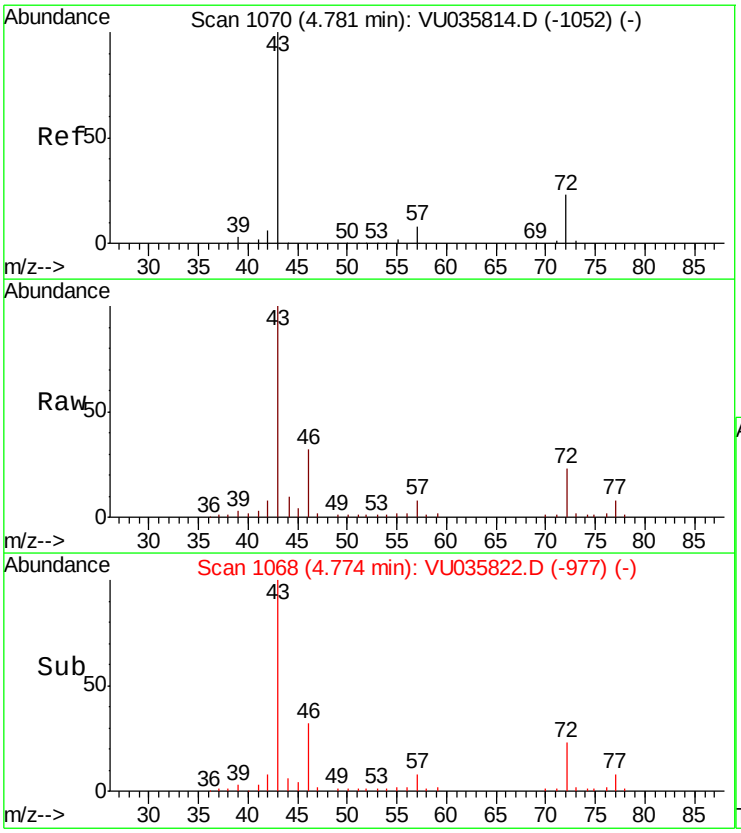
#19
1,1-Dichloroethane
Concen: 0.491 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Instrument : MSVOA_U
ClientSampleId : B0AD3

Tgt Ion: 63 Resp: 25710

Ion	Ratio	Lower	Upper
63	100		
65	28.3	21.8	40.4
83	9.0	8.6	16.0

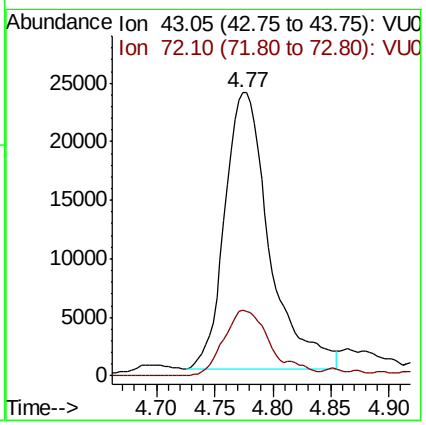


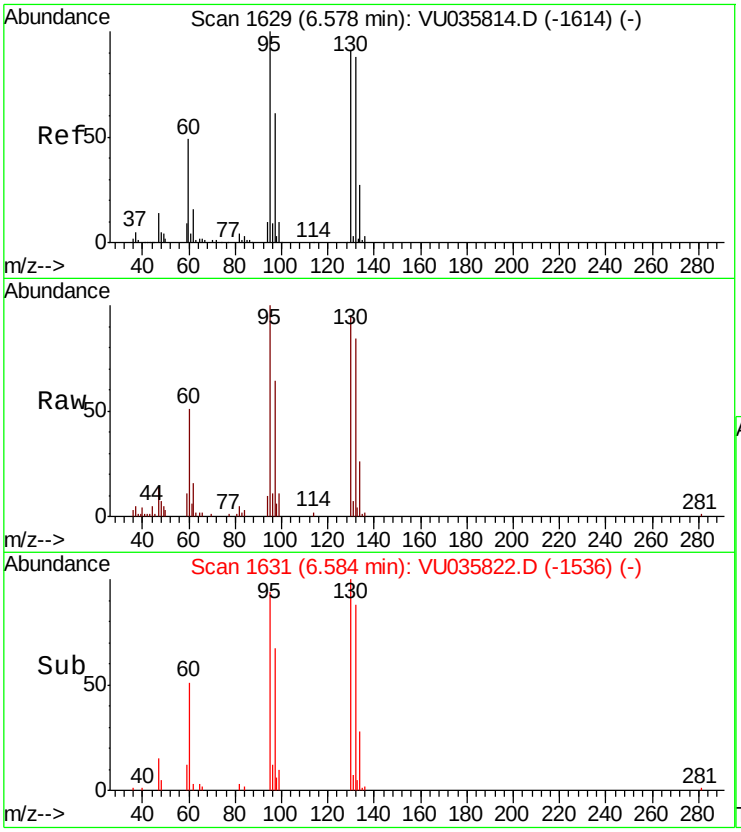


#21
2-Butanone
Concen: 8.341 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Tgt Ion: 43 Resp: 63699

Ion	Ratio	Lower	Upper
43	100		
72	24.9	12.4	37.4





#34
Trichloroethene
Concen: 1.215 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VU035822.D
Acq: 22 Nov 2019 14:45

Instrument :
MSVOA_U
ClientSampleId :
B0AD3

Tgt Ion: 95 Resp: 32849

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.1	83.9
132	84.0	61.9	114.9
130	94.9	66.3	123.1