Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035771.D
Acq On : 19 Nov 2019 15:17
Operator : JC/SP
Sample : K5930-05 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B0AA5

Quant Time: Nov 20 04:10:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257960	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	297246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105491	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	68832	2.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 51.80%			
7) Chloroethane-d5	1.93	69	70815	3.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 65.20%			
11) 1,1-Dichloroethene-d2	2.60	63	99305	2.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 44.40%#			
20) 2-Butanone-d5	4.70	46	207680	35.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.86%			
24) Chloroform-d	5.11	84	153506	3.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.60%			
26) 1,2-Dichloroethane-d4	5.75	65	78263	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.40%			
32) Benzene-d6	5.77	84	274930	2.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 58.80%#			
36) 1,2-Dichloropropane-d6	6.74	67	98846	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 65.40%			
41) Toluene-d8	7.93	98	215652	2.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 48.60%#			
43) trans-1,3-Dichloropropene-	8.22	79	31162	2.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 51.60%#			
46) 2-Hexanone-d5	8.70	63	142238	30.04	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 60.08%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84307	3.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 66.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	74559	3.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 71.20%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	27044	0.825	ug/L #	4
13) Acetone	2.67	43	19473	4.607	ug/L	98
16) Methylene chloride	3.08	84	5545	0.206	ug/L	96
19) 1,1-Dichloroethane	3.92	63	39288	0.906	ug/L	99
21) 2-Butanone	4.78	43	14181	2.260	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	14463	0.561	ug/L	99
34) Trichloroethene	6.58	95	42198	1.576	ug/L	97

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

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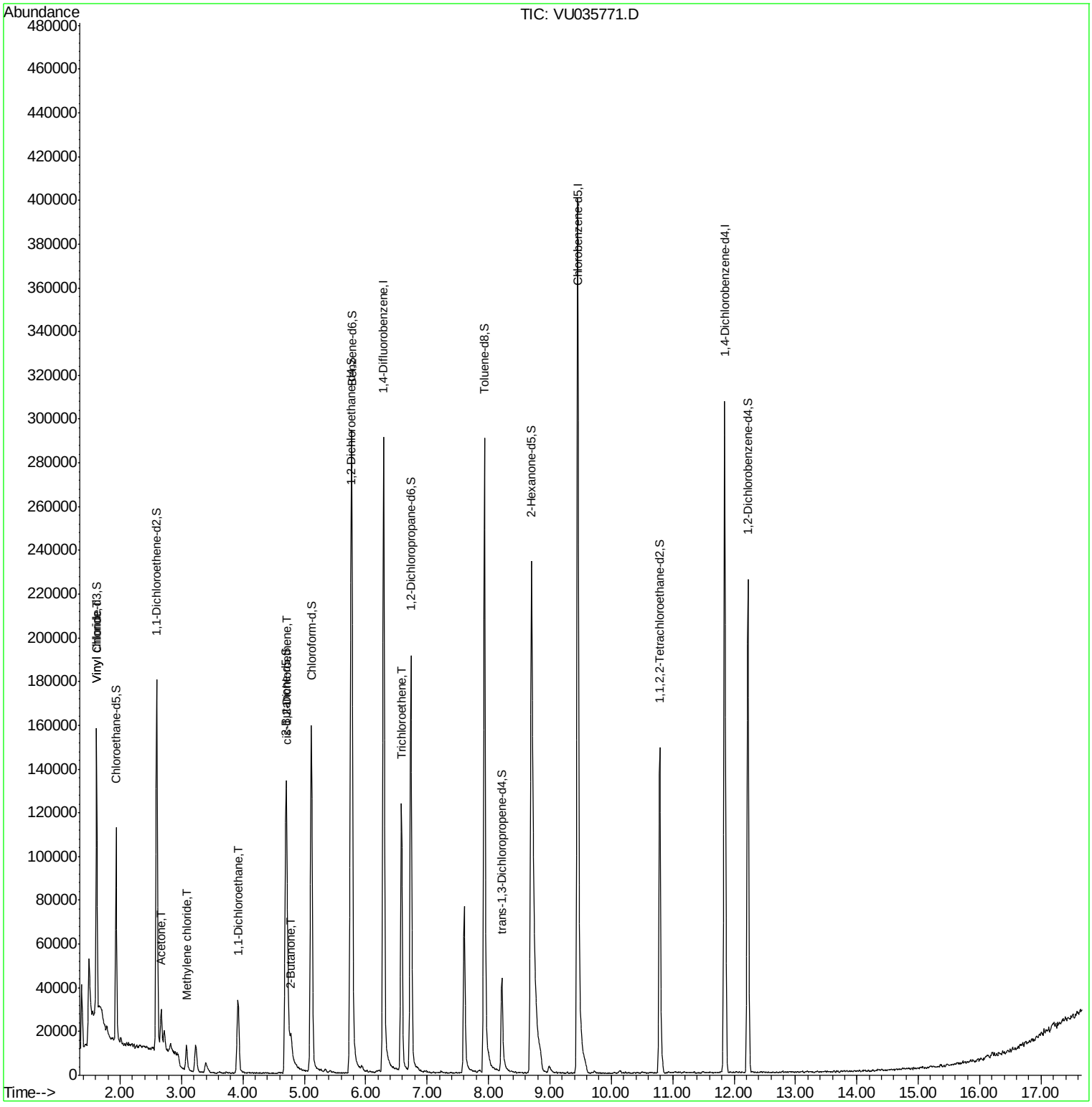
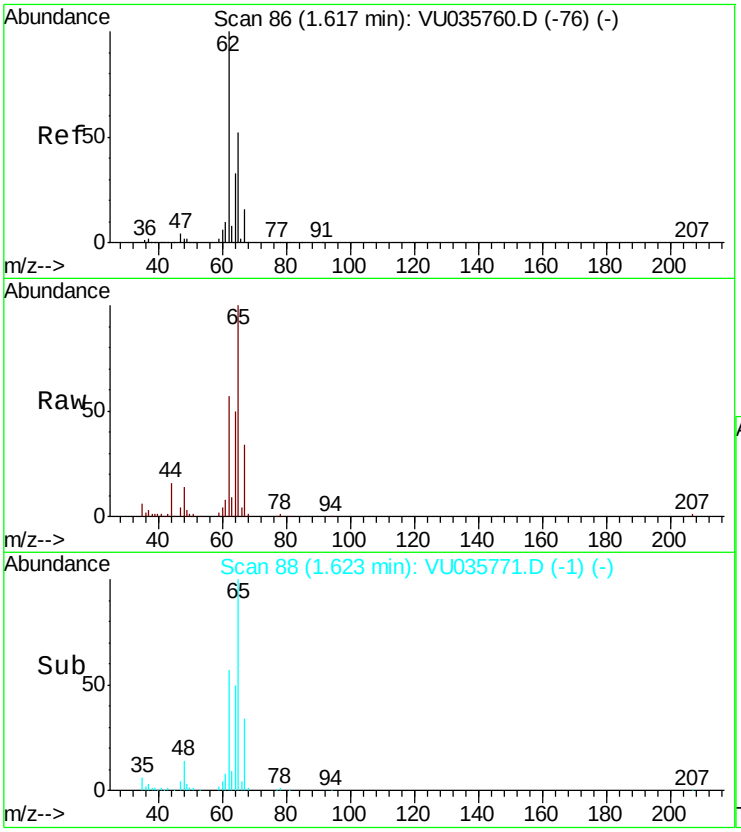


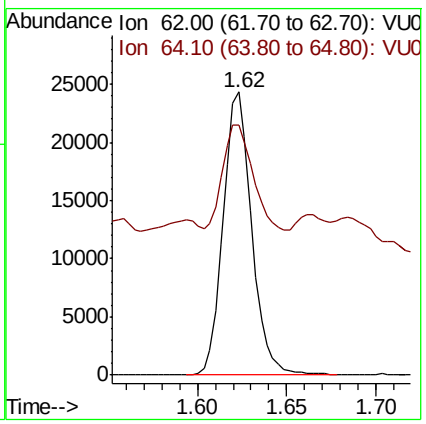


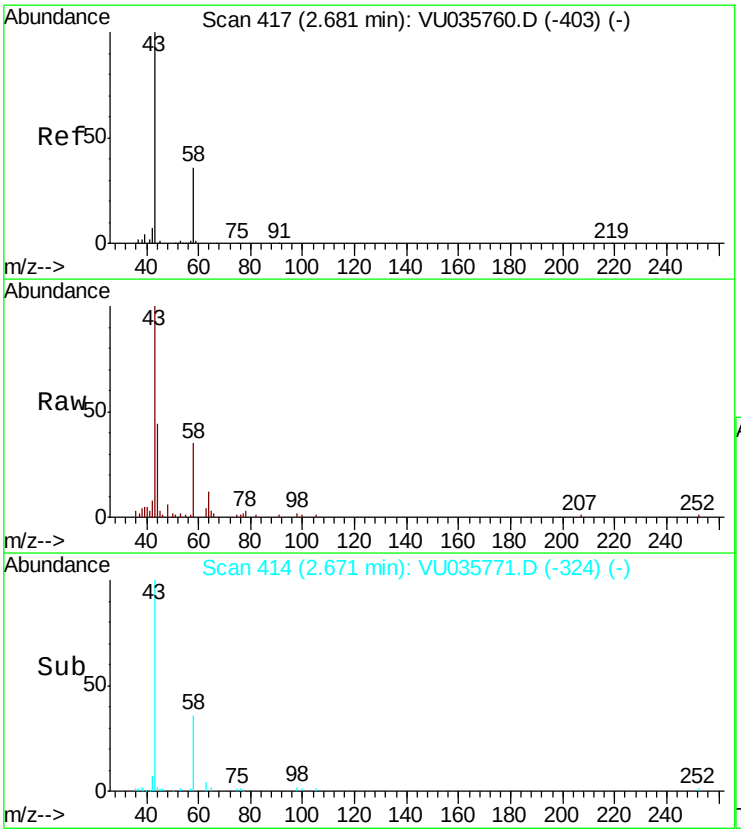
#5
Vinyl chloride
Concen: 0.825 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Instrument : MSVOA_U
ClientSampleId : B0AA5

Tgt Ion: 62 Resp: 27044

Ion	Ratio	Lower	Upper
62	100		
64	88.2	23.5	43.7#

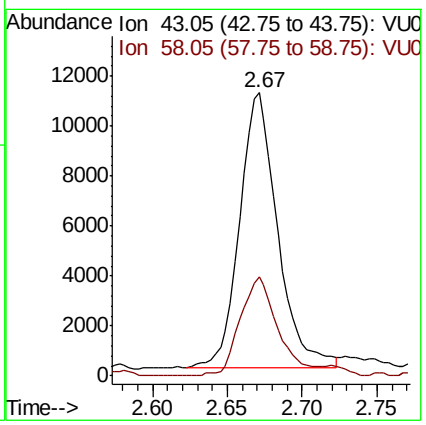


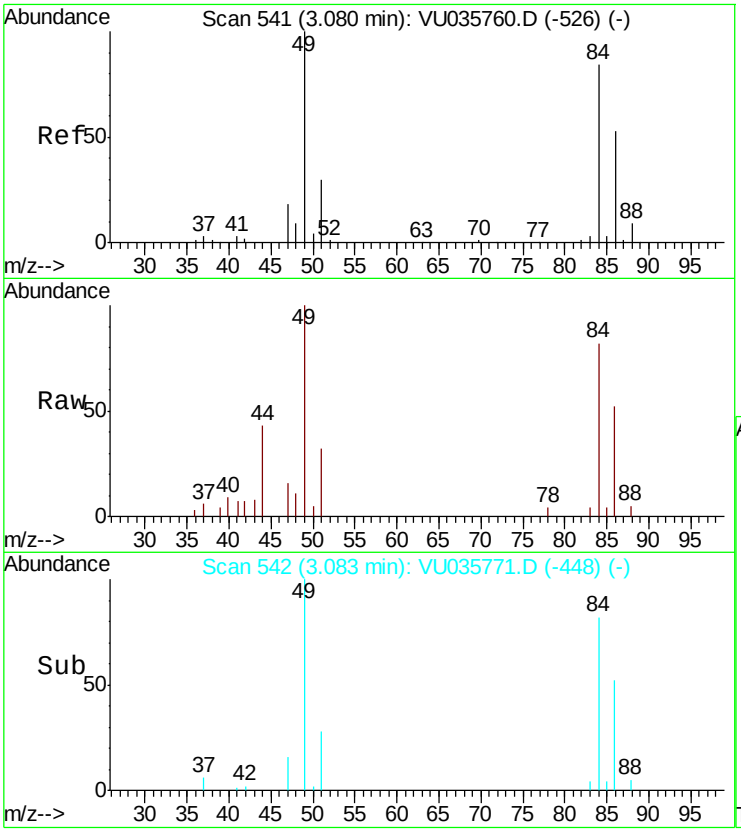


#13
Acetone
Concen: 4.607 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Tgt Ion: 43 Resp: 19473

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	69.8



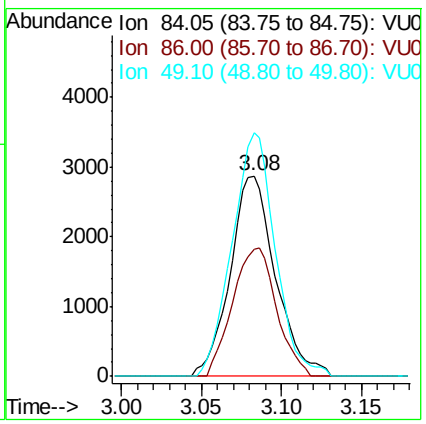


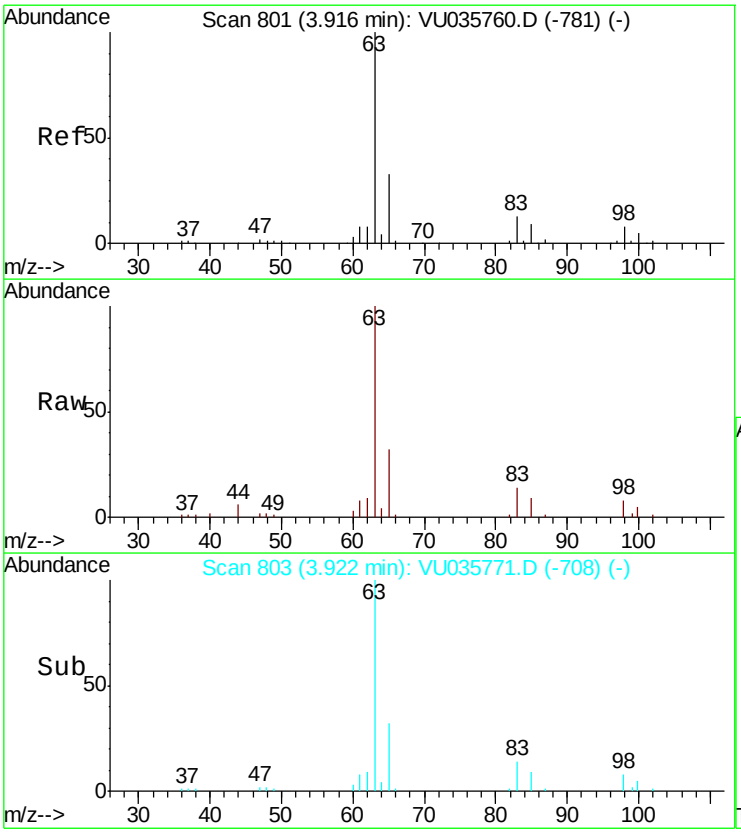
#16
Methylene chloride
Concen: 0.206 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Instrument : MSVOA_U
ClientSampleId : B0AA5

Tgt Ion: 84 Resp: 5545

Ion	Ratio	Lower	Upper
84	100		
86	63.3	45.8	85.2
49	121.6	81.9	152.1

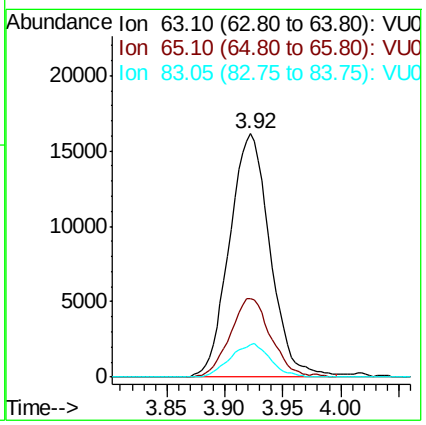


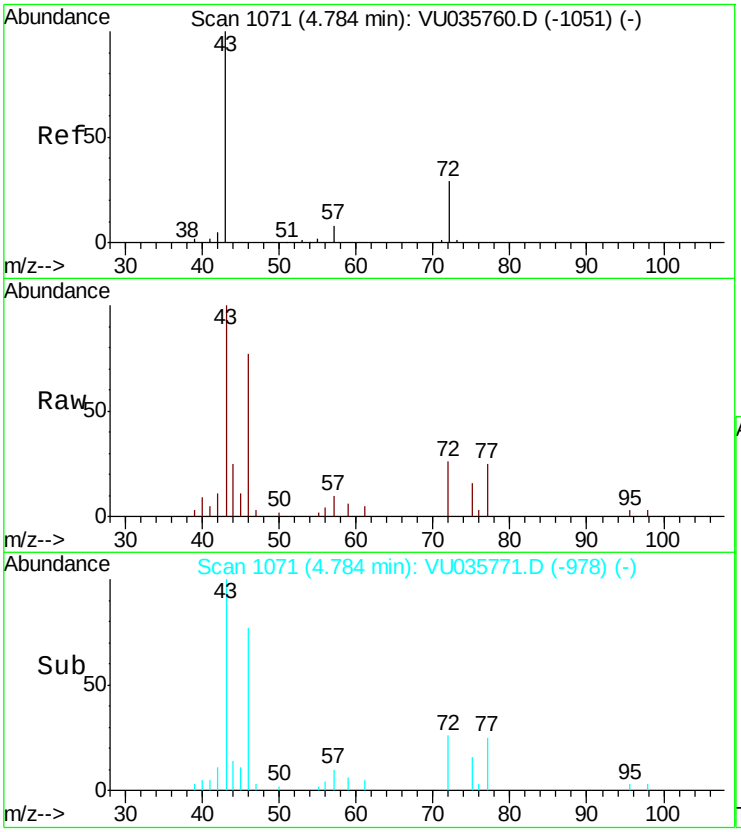


#19
1,1-Dichloroethane
Concen: 0.906 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Tgt Ion: 63 Resp: 39288

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.0	40.8
83	13.5	9.3	17.3



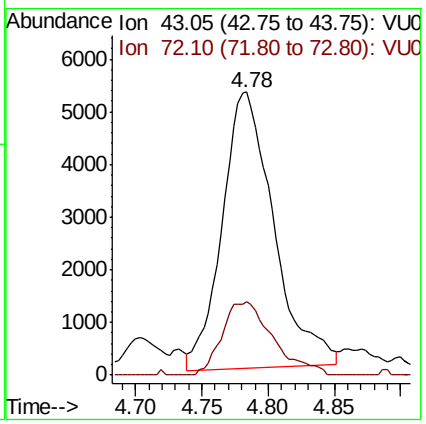


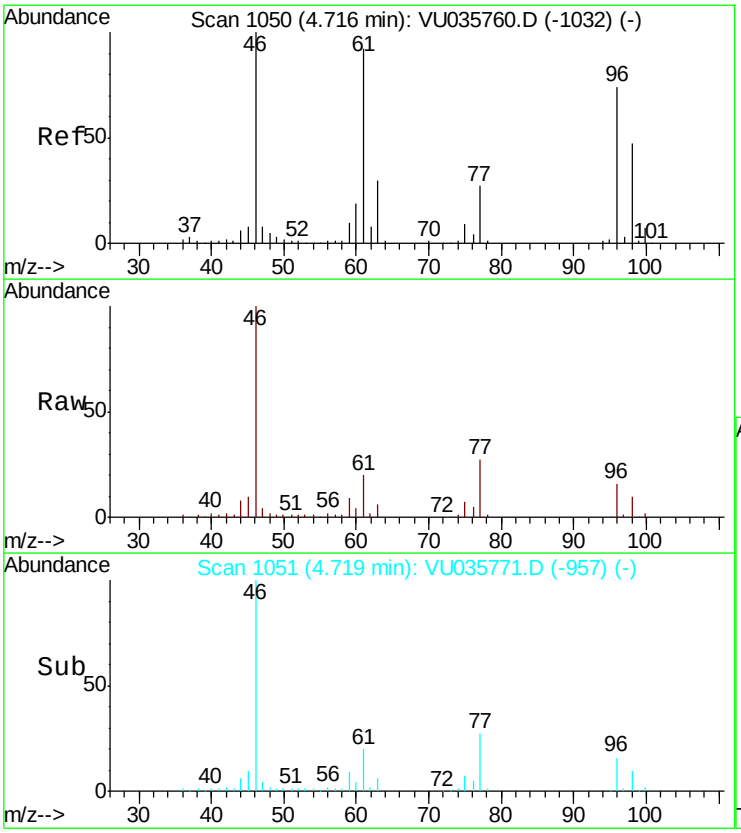
#21
2-Butanone
Concen: 2.260 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 43 Resp: 14181

Ion	Ratio	Lower	Upper
43	100		
72	26.3	14.3	42.9

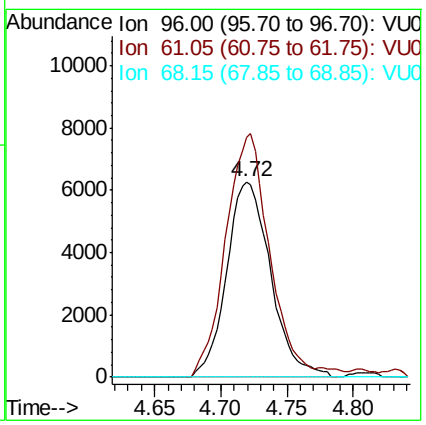


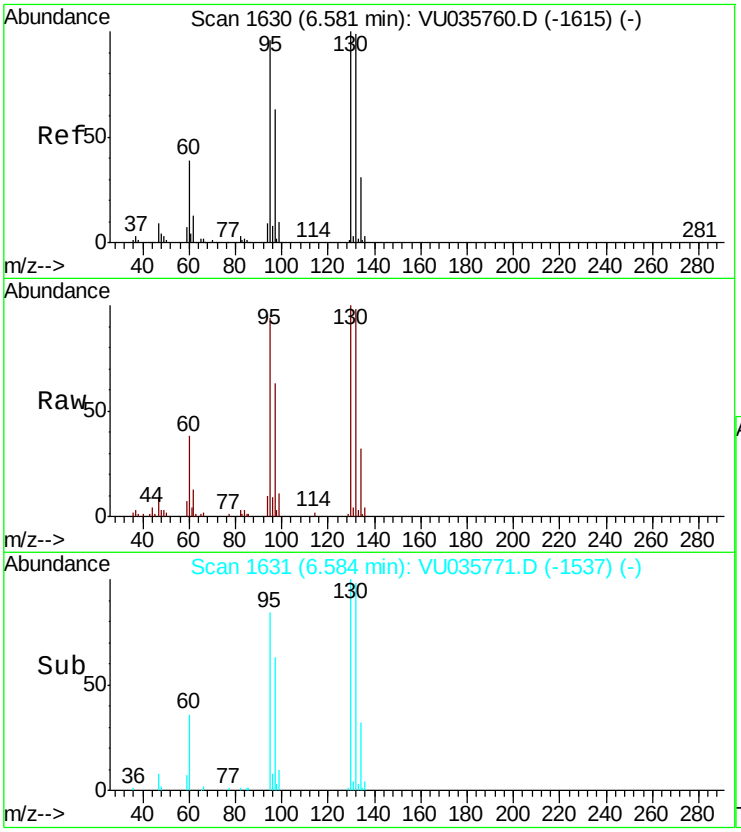


#22
cis-1,2-Dichloroethene
Concen: 0.561 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Tgt Ion: 96 Resp: 14463

Ion	Ratio	Lower	Upper
96	100		
61	123.0	87.0	161.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 1.576 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035771.D
Acq: 19 Nov 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
B0AA5

Tgt Ion: 95 Resp: 42198

Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.5	82.7
132	104.1	69.9	129.7
130	106.2	74.1	137.7