Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\

Quantitation Report (Not Reviewed)

Data File : VU031627.D
Acq On : 30 Apr 2019 12:36
Operator : JC/SP
Sample : K2606-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5143

Quant Time: May 01 01:42:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	630833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	614626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227392	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	316054	59.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.72%			
7) Chloroethane-d5	1.68	69	234310	57.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.86%			
11) 1,1-Dichloroethene-d2	2.27	63	451166	42.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.82%			
21) 2-Butanone-d5	4.19	46	481753	100.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.71%			
24) Chloroform-d	4.64	84	503645	52.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.18%			
26) 1,2-Dichloroethane-d4	5.31	65	344566	54.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.08%			
32) Benzene-d6	5.33	84	993252	52.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.26%			
36) 1,2-Dichloropropane-d6	6.32	67	352975	53.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.32%			
41) Toluene-d8	7.56	98	785884	47.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.62%			
43) trans-1,3-Dichloropropene-	7.85	79	134944	47.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.68%			
47) 2-Hexanone-d5	8.31	63	274337	95.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.45%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	432039	48.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	245479	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3235	0.640	ug/L #	23
12) 1,1-Dichloroethene	2.26	96	2880	0.585	ug/L #	1
13) Acetone	2.34	43	132146	24.524	ug/L	96
16) Methylene chloride	2.70	84	31449	5.414	ug/L	96
22) 2-Butanone	4.29	43	16495	2.763	ug/L	90
34) Trichloroethene	6.19	95	3476	0.635	ug/L	88
48) 2-Hexanone	8.37	43	26718	3.347	ug/L #	49

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

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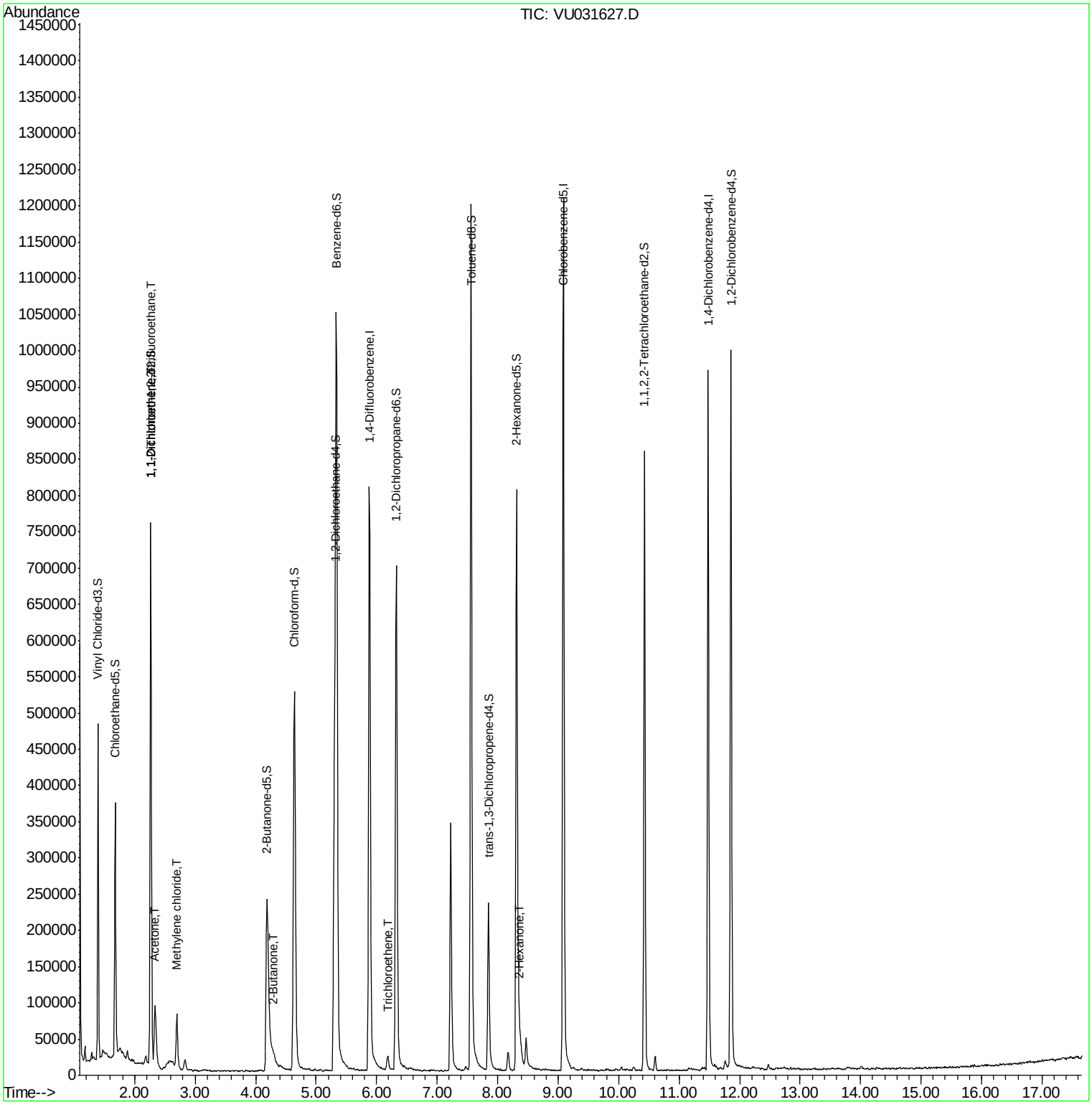
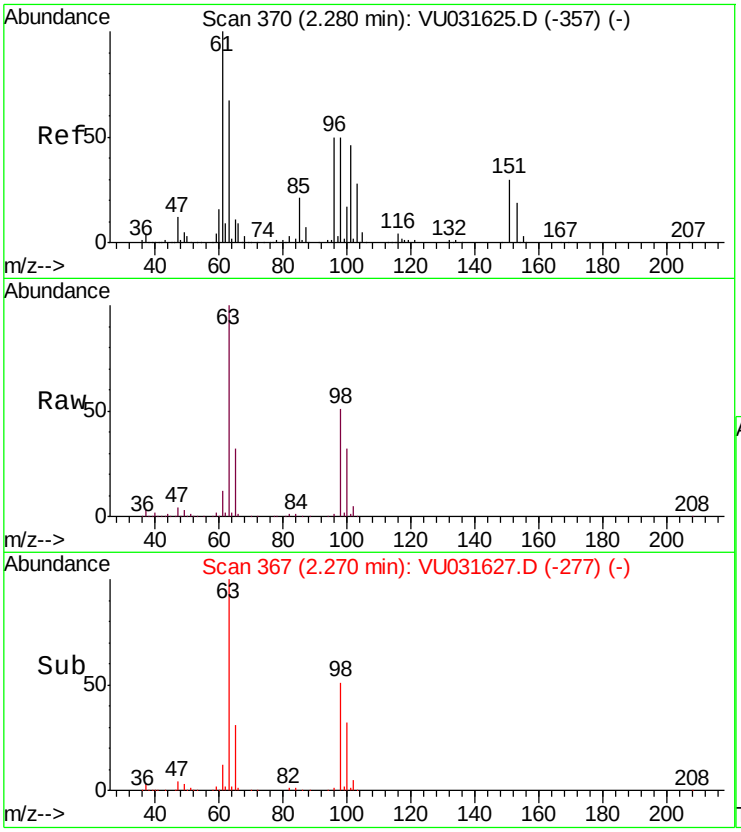


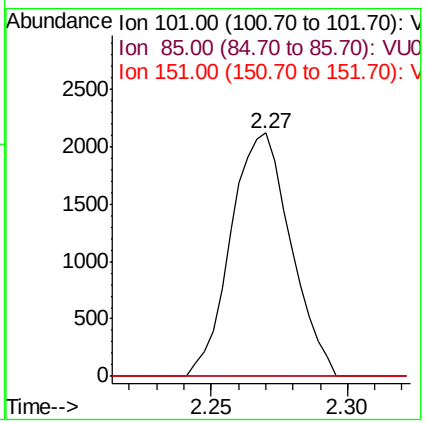


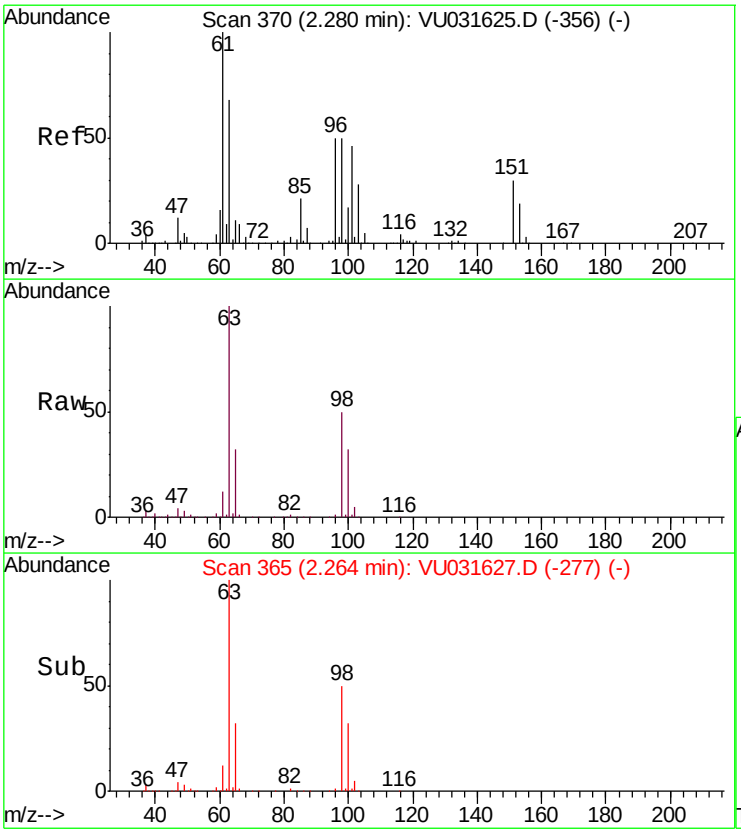
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.640 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Instrument : MSVOA_U
ClientSampleId : A5143

Tgt Ion:101 Resp: 3235

Ion	Ratio	Lower	Upper
101	100		
85	1.3	36.1	54.1#
151	1.7	56.1	84.1#

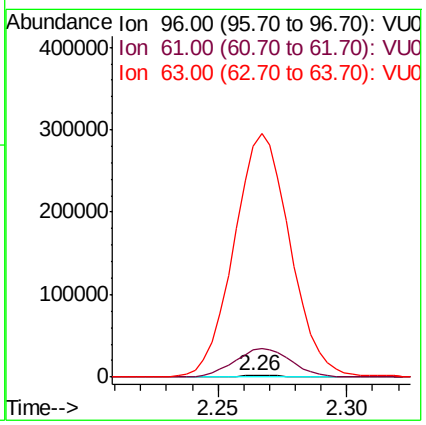


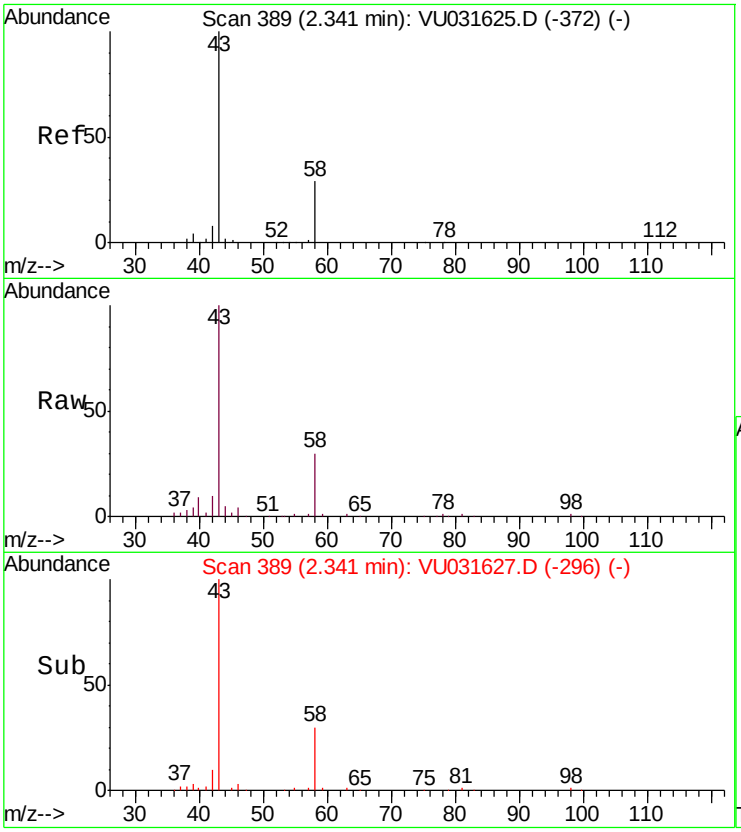


#12
1,1-Dichloroethene
Concen: 0.585 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Tgt Ion: 96 Resp: 2880

Ion	Ratio	Lower	Upper
96	100		
61	1637.0	135.0	250.6#
63	14066.5	103.5	192.3#



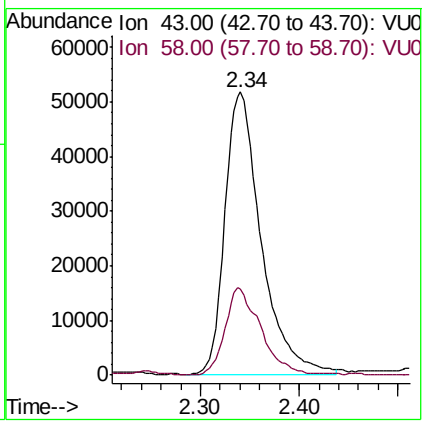


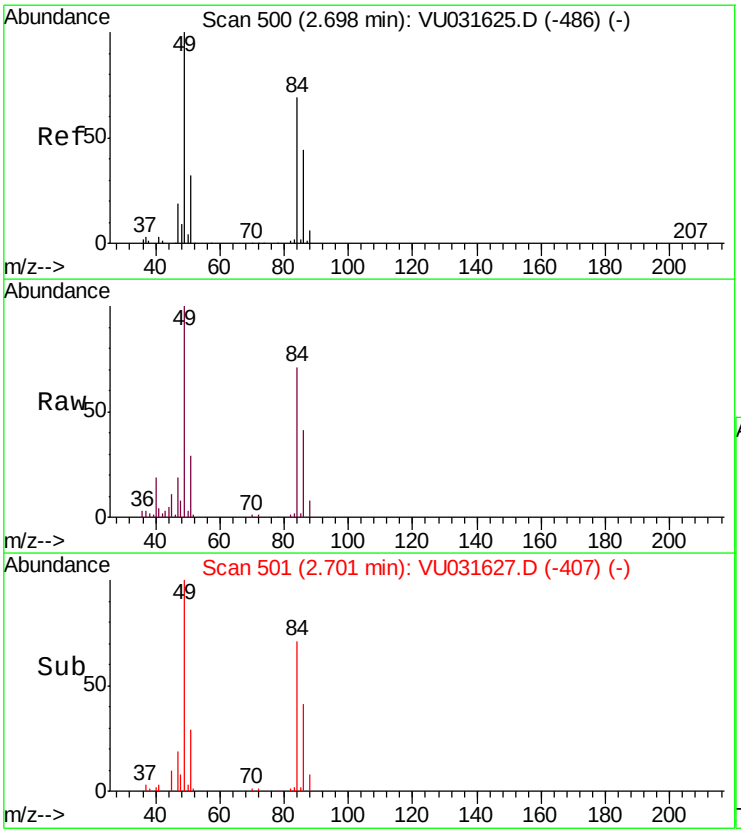
#13
Acetone
Concen: 24.524 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Instrument : MSVOA_U
ClientSampleId : A5143

Tgt Ion: 43 Resp: 132146

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	64.4

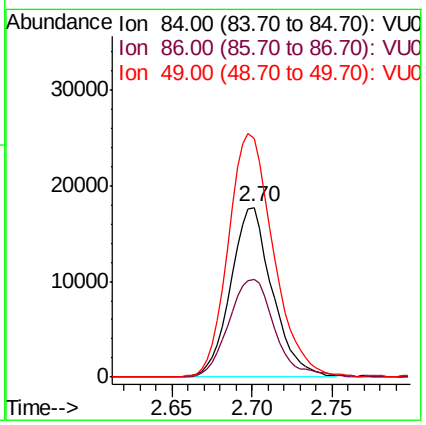


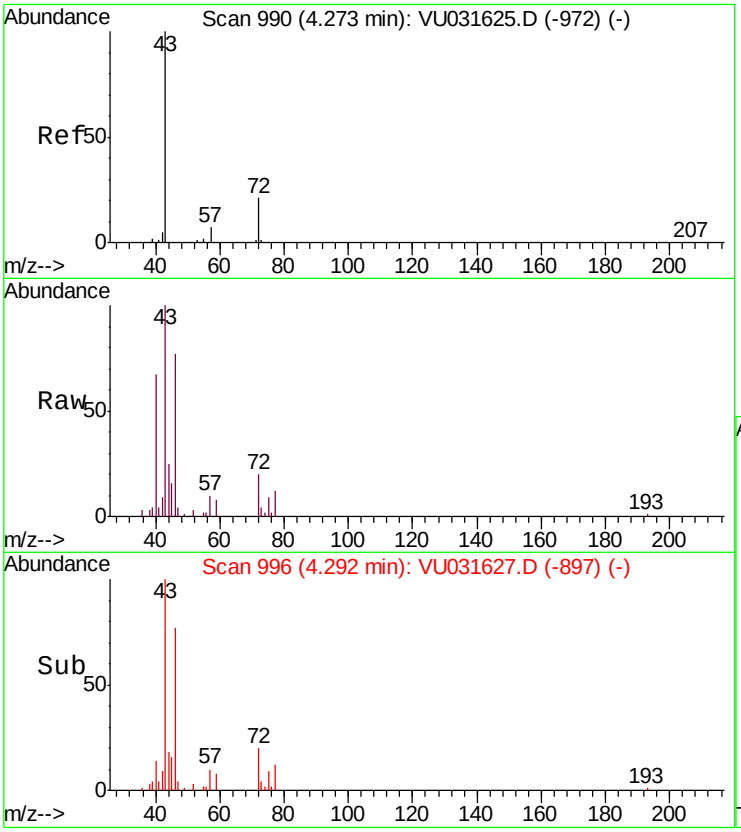


#16
Methylene chloride
Concen: 5.414 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Tgt Ion: 84 Resp: 31449

Ion	Ratio	Lower	Upper
84	100		
86	57.8	44.7	83.1
49	141.0	96.5	179.3



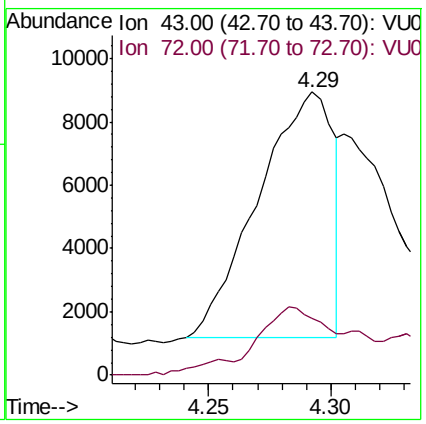


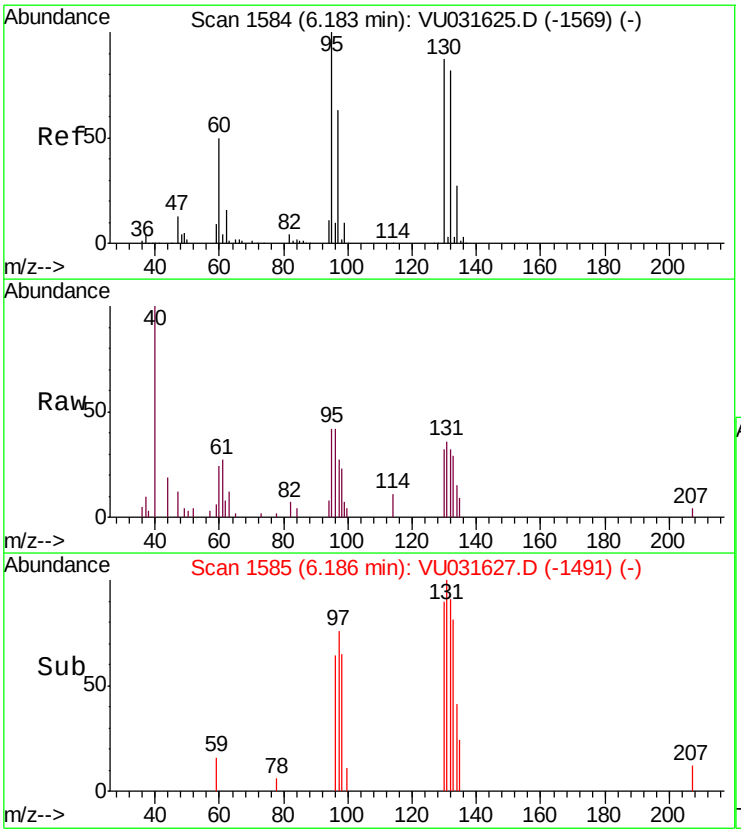
#22
2-Butanone
Concen: 2.763 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.02 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Instrument : MSVOA_U
ClientSampleId : A5143

Tgt Ion: 43 Resp: 16495

Ion	Ratio	Lower	Upper
43	100		
72	18.1	11.4	34.2

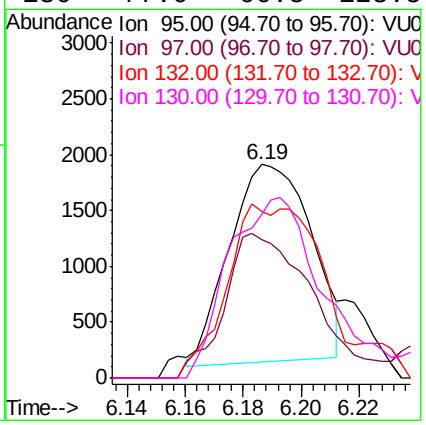


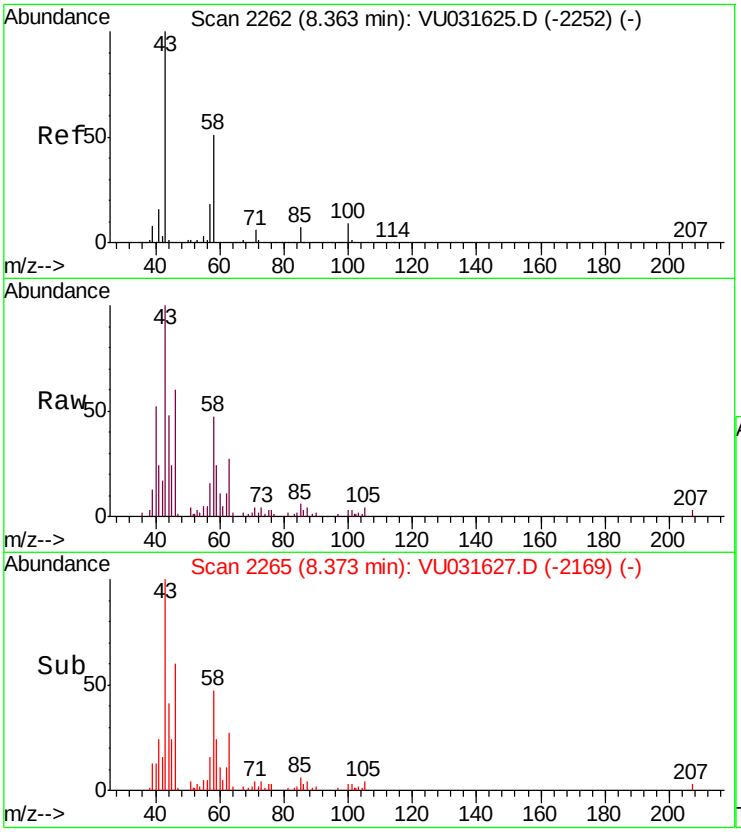


#34
Trichloroethene
Concen: 0.635 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Tgt Ion: 95 Resp: 3476

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	77.7	63.1	117.1
130	77.0	66.5	123.5





#48
2-Hexanone
Concen: 3.347 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031627.D
Acq: 30 Apr 2019 12:36

Instrument :
MSVOA_U
ClientSampleId :
A5143

Tgt Ion: 43 Resp: 26718

Ion	Ratio	Lower	Upper
43	100		
58	11.0	42.1	63.1#
57	0.0	14.6	22.0#
100	1.5	7.2	10.8#