Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU032000.D
Acq On : 14 May 2019 17:26
Operator : JC/SP
Sample : K2788-20RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A2

Quant Time: May 15 04:31:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1068696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	414931	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	406544	43.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.70%			
7) Chloroethane-d5	1.68	69	344382	45.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.72%			
11) 1,1-Dichloroethene-d2	2.27	63	571948	34.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.06%			
21) 2-Butanone-d5	4.17	46	590234	89.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.88%			
24) Chloroform-d	4.64	84	700325	44.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.22%			
26) 1,2-Dichloroethane-d4	5.30	65	458178	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.68%			
32) Benzene-d6	5.33	84	1493899	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.36%			
36) 1,2-Dichloropropane-d6	6.32	67	495141	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.82%			
41) Toluene-d8	7.56	98	1284462	47.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.85	79	201333	45.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.08%			
47) 2-Hexanone-d5	8.31	63	374995	92.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.27%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	659621	44.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.94%			
64) 1,2-Dichlorobenzene-d4	11.85	152	439606	50.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.70%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5501	0.692	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4451	0.564	ug/L #	1
13) Acetone	2.32	43	244505	36.217	ug/L	98
16) Methylene chloride	2.70	84	28417	2.952	ug/L	95
22) 2-Butanone	4.27	43	116610	14.975	ug/L #	72
44) trans-1,3-Dichloropropene	7.84	75	8020	0.697	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	52627	4.371	ug/L	94

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

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Instrument : MSVOA_U
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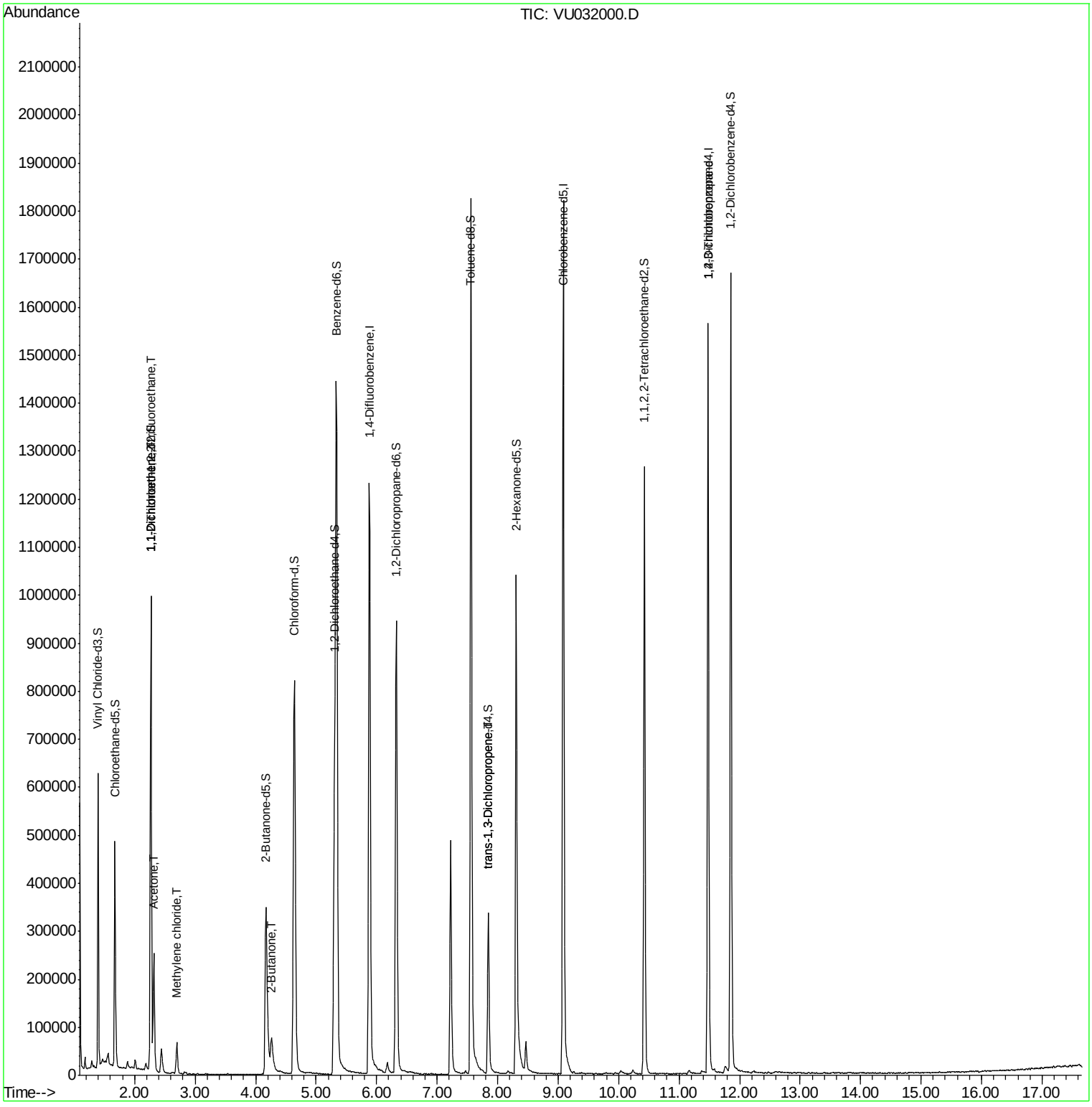
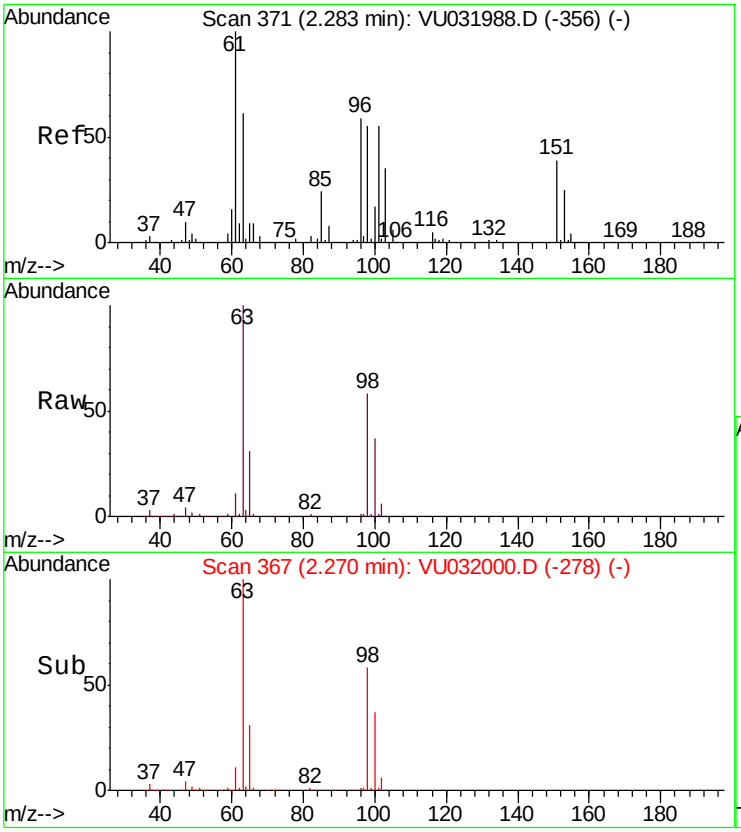
Quant Time: May 15 04:31:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



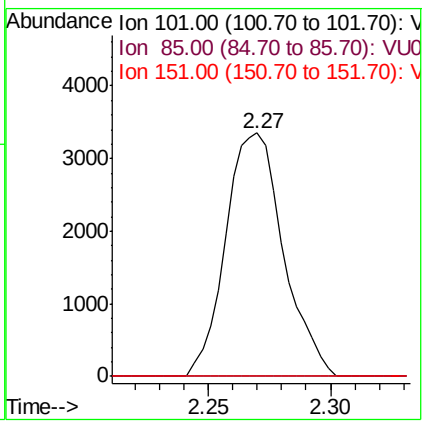


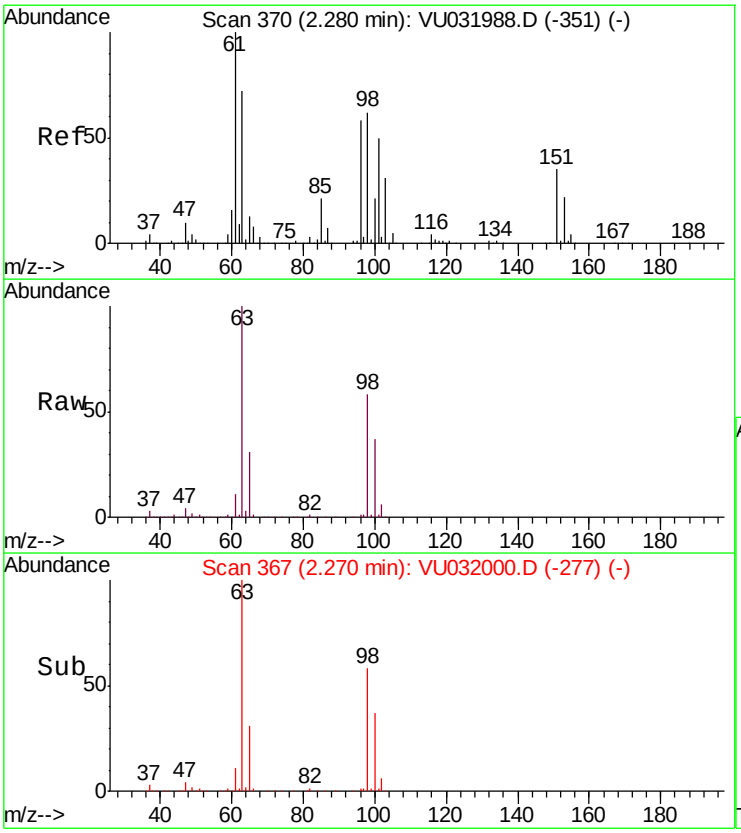
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion:101 Resp: 5501

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	55.8	83.8#

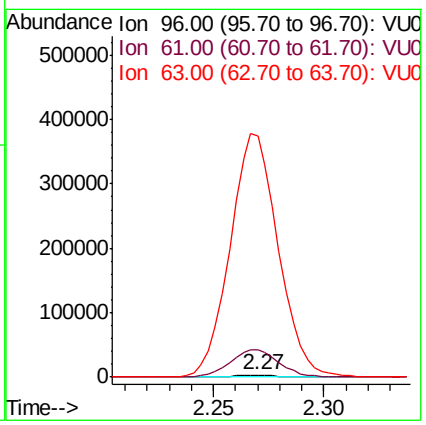


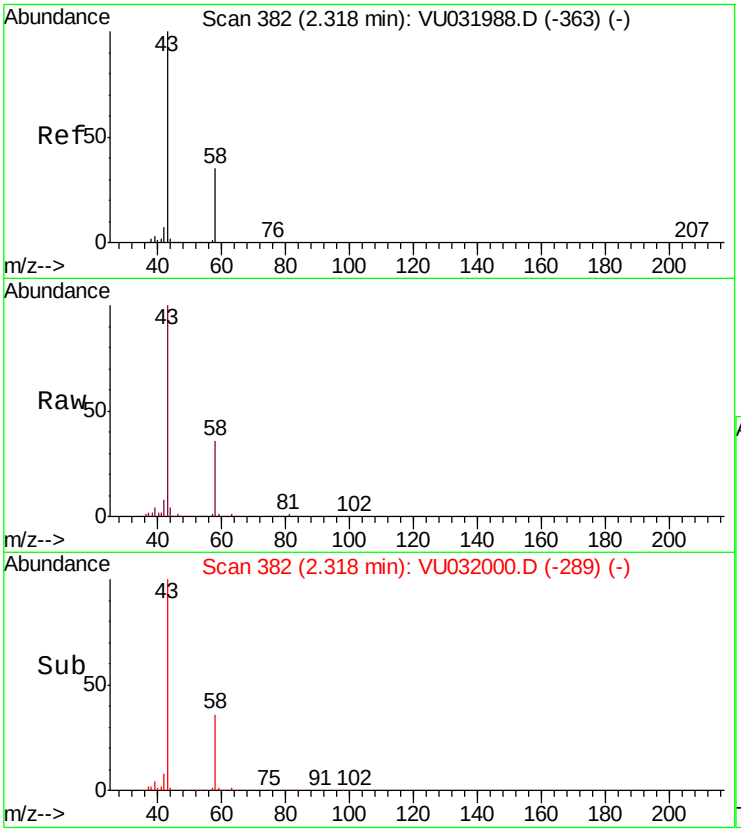


#12
1,1-Dichloroethene
Concen: 0.564 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Tgt Ion: 96 Resp: 4451

Ion	Ratio	Lower	Upper
96	100		
61	1591.0	120.9	224.5#
63	13966.7	84.4	156.8#



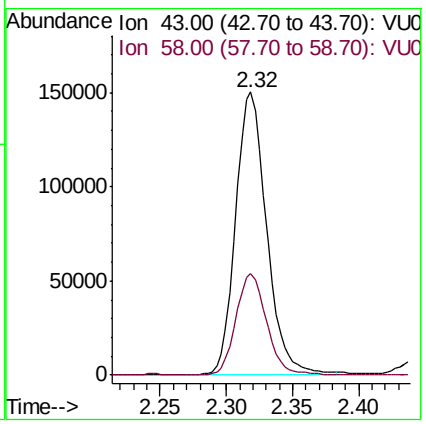


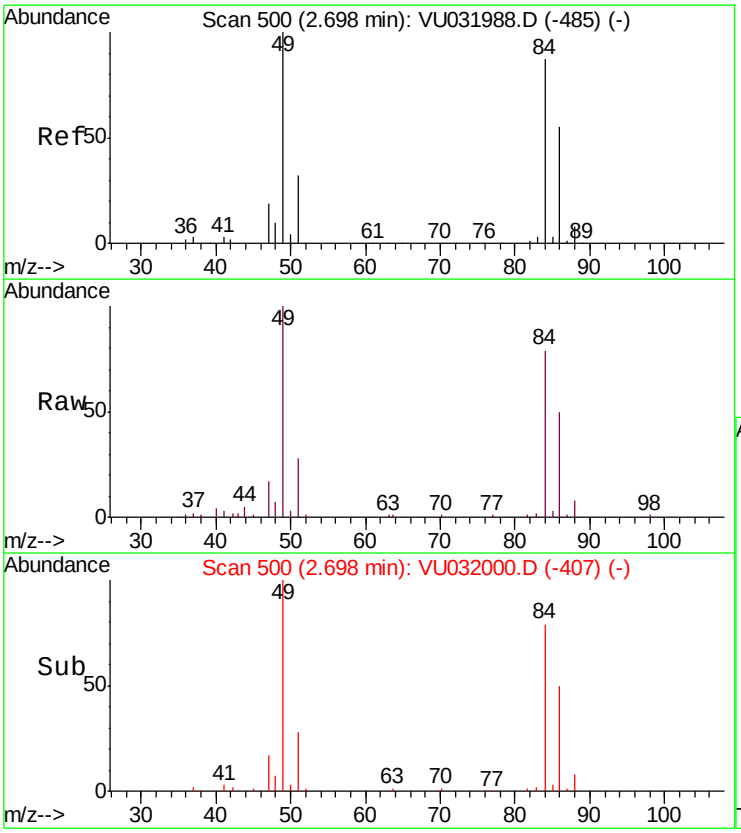
#13
Acetone
Concen: 36.217 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion: 43 Resp: 244505

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	68.2

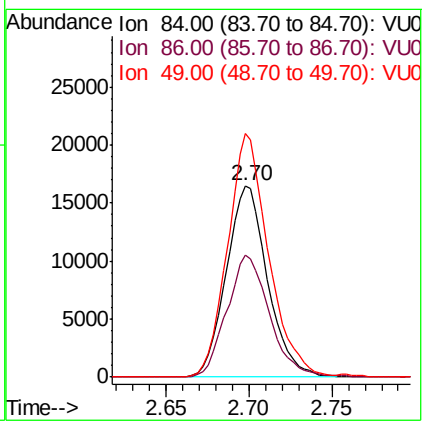


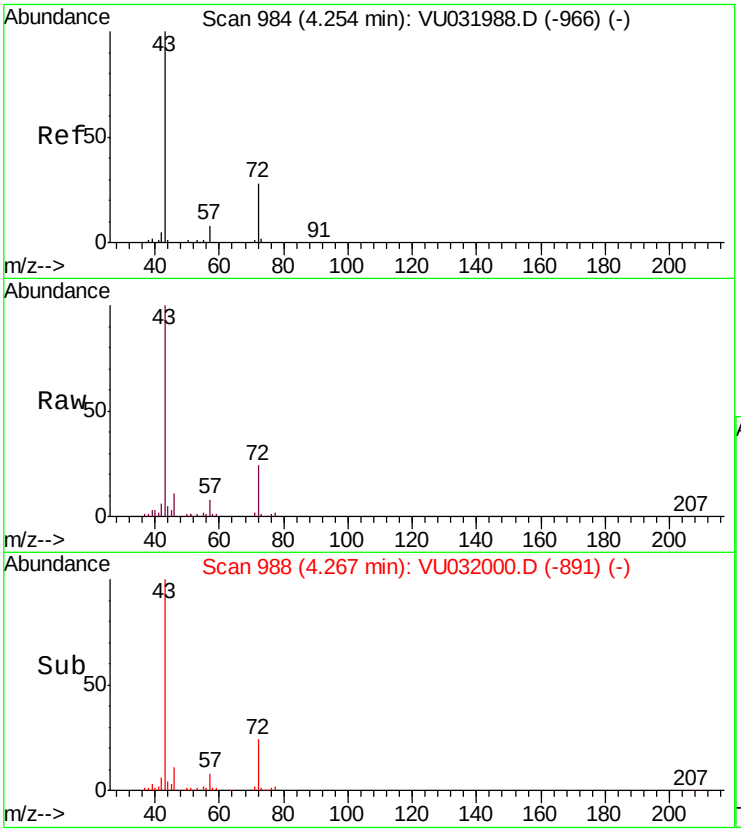


#16
Methylene chloride
Concen: 2.952 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Tgt Ion: 84 Resp: 28417

Ion	Ratio	Lower	Upper
84	100		
86	63.9	45.8	85.0
49	127.0	83.3	154.7



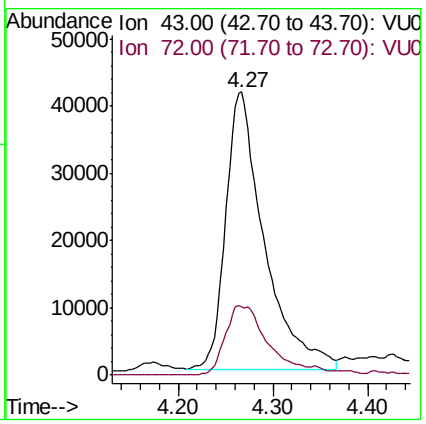


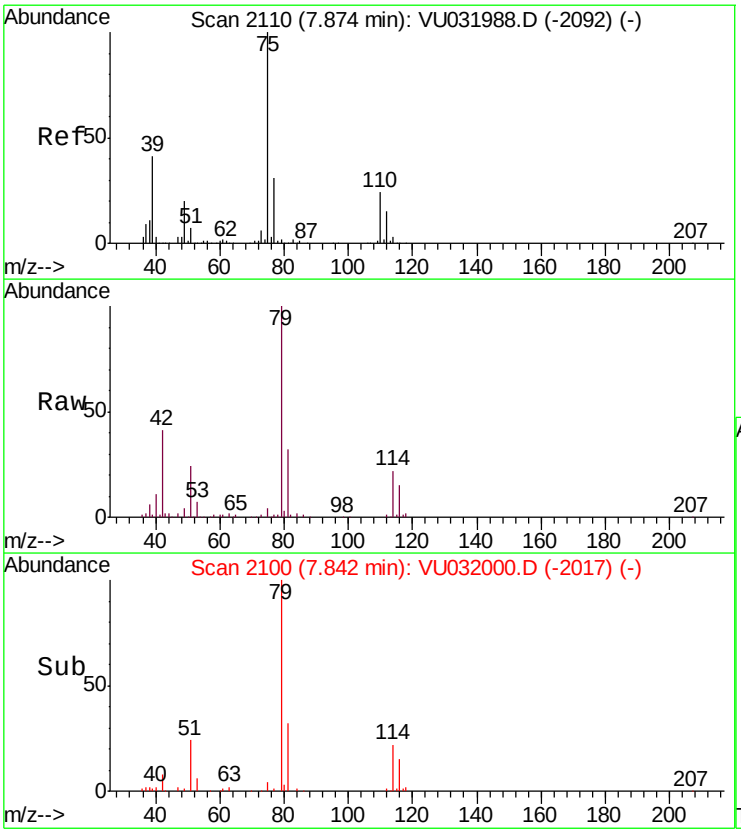
#22
2-Butanone
Concen: 14.975 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion: 43 Resp: 116610

Ion	Ratio	Lower	Upper
43	100		
72	12.9	13.9	41.7#

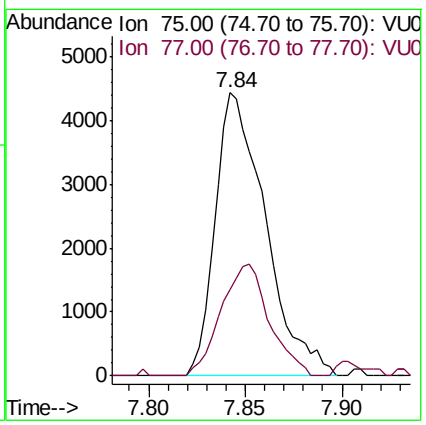


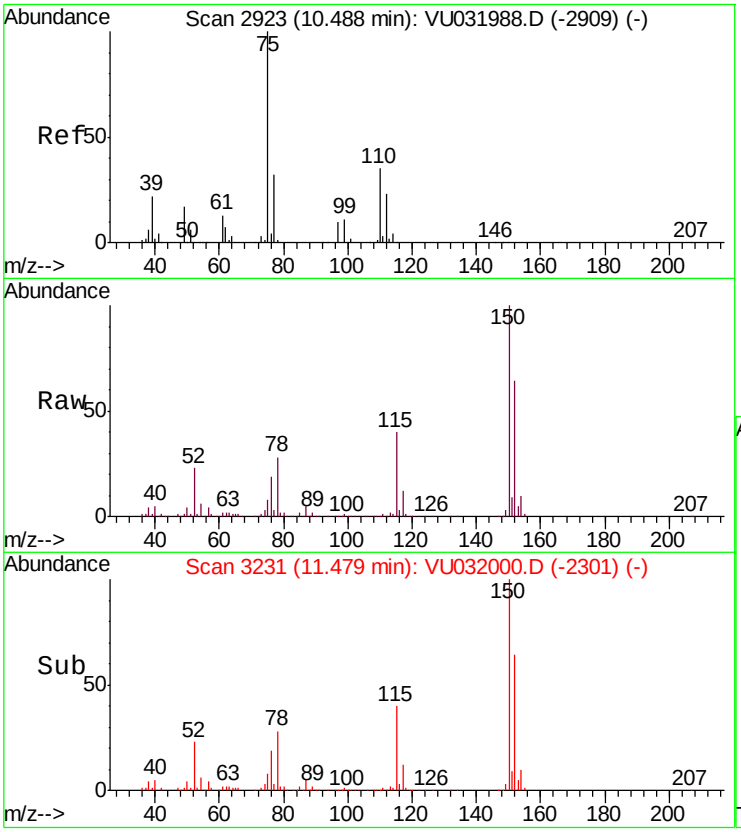


#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Tgt Ion: 75 Resp: 8020

Ion	Ratio	Lower	Upper
75	100		
77	30.3	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 4.371 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032000.D
Acq: 14 May 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
A51A2

Tgt Ion: 75 Resp: 52627

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5