Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Not Reviewed)

Data File : VU030271.D
Acq On : 21 Mar 2019 17:26
Operator : JC/SP
Sample : K2048-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F6

Quant Time: Mar 22 05:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	538433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	521149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	241763	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	174271	47.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.74%			
7) Chloroethane-d5	1.68	69	141392	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.14%			
11) 1,1-Dichloroethene-d2	2.27	63	233975	35.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.46%			
21) 2-Butanone-d5	4.17	46	253479	93.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.85%			
24) Chloroform-d	4.65	84	310440	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.92%			
26) 1,2-Dichloroethane-d4	5.31	65	185938	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.58%			
32) Benzene-d6	5.34	84	673710	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.12%			
36) 1,2-Dichloropropane-d6	6.33	67	213855	50.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.66%			
41) Toluene-d8	7.56	98	602906	46.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.38%			
43) trans-1,3-Dichloropropene-	7.85	79	96558	46.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.34%			
47) 2-Hexanone-d5	8.31	63	204332	92.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307194	47.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	240128	49.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.94%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	4427	1.003	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2549	0.705	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2216	0.617	ug/L #	1
13) Acetone	2.32	43	6667	2.362	ug/L	99
16) Methylene chloride	2.70	84	2383	0.585	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3486	0.652	ug/L	100
48) 2-Hexanone	8.37	43	7329	1.668	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	25797	4.957	ug/L	96

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

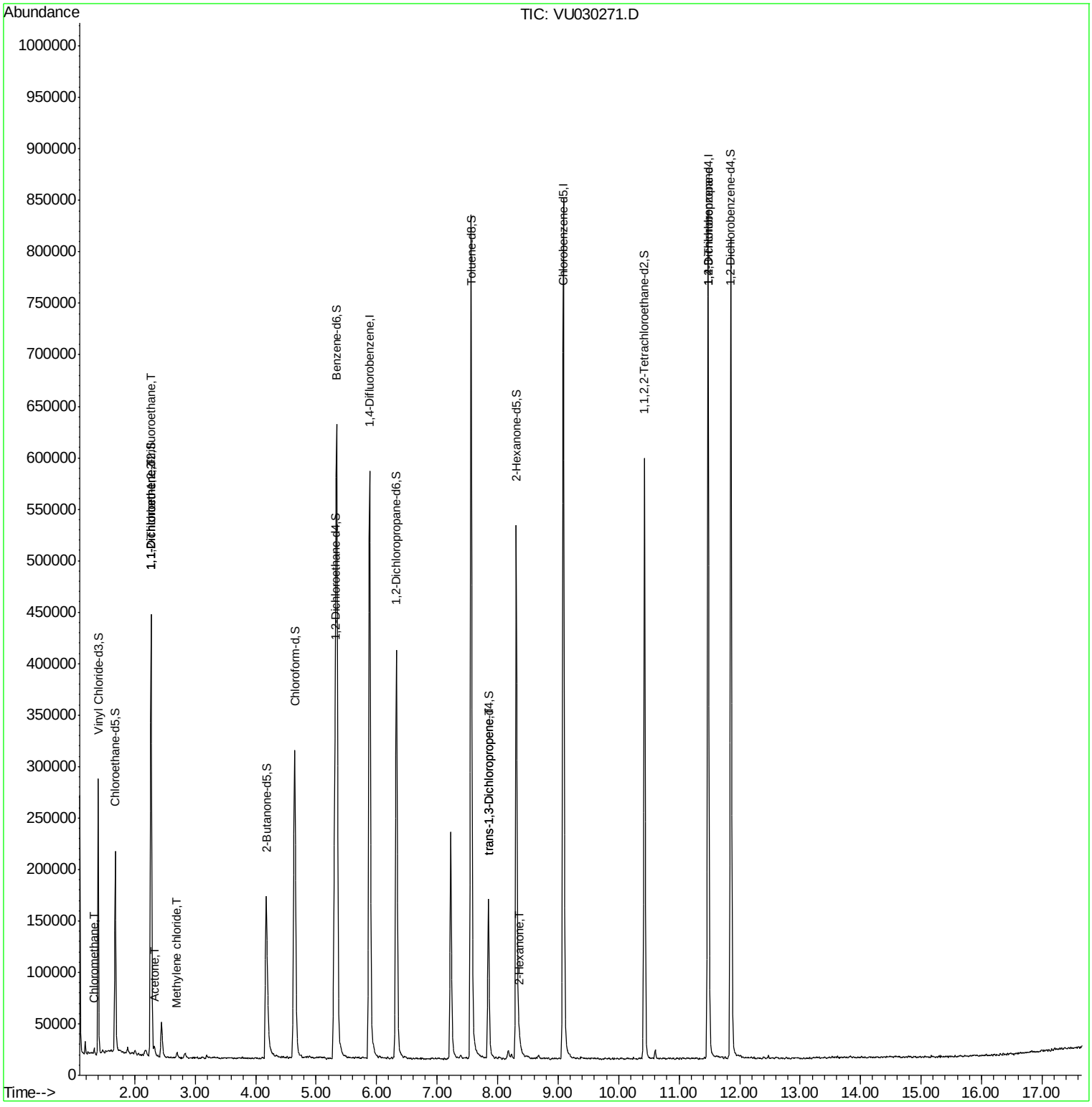
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

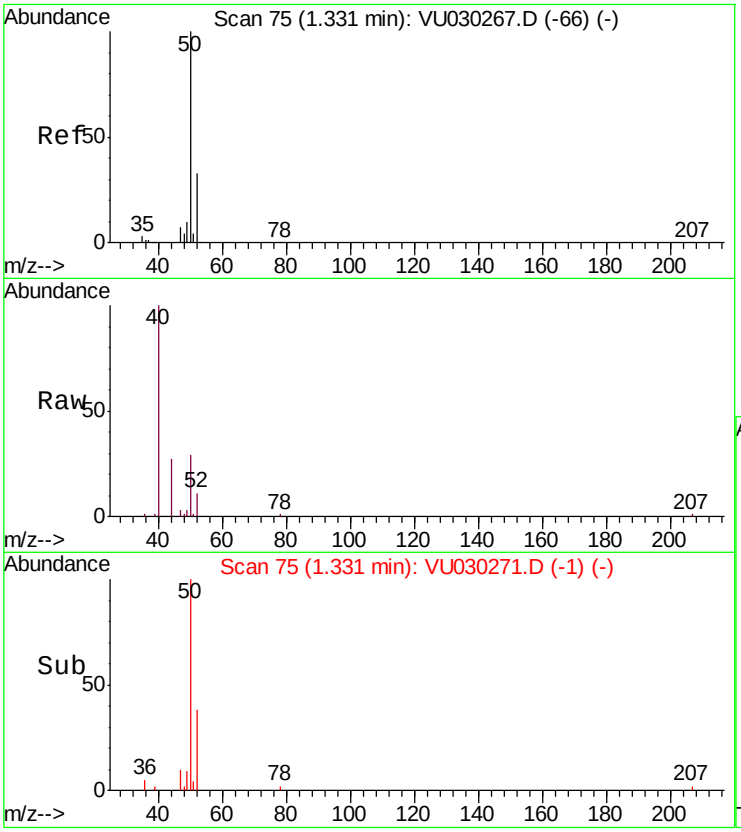
Quantitation Report (Not Reviewed)

Data File : VU030271.D
Acq On : 21 Mar 2019 17:26
Operator : JC/SP
Sample : K2048-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F6

Quant Time: Mar 22 05:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration



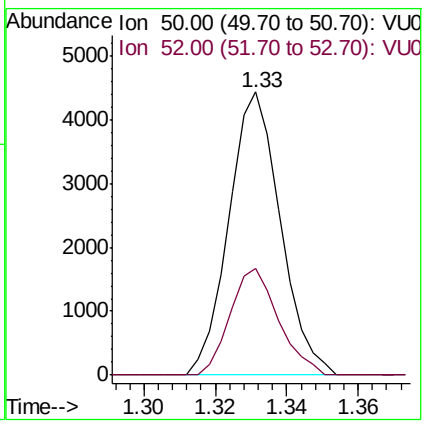


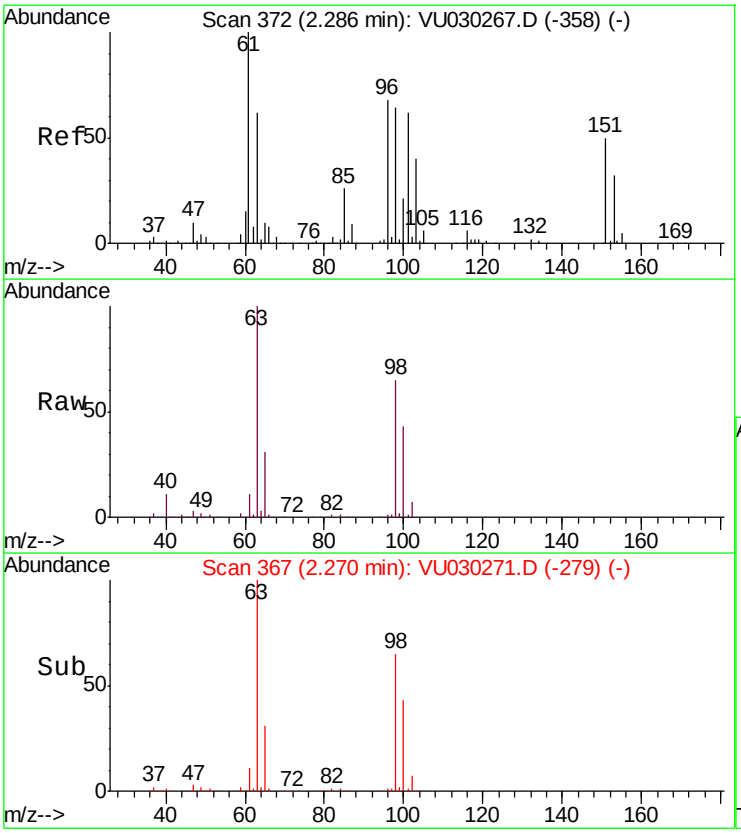
#3
Chloromethane
Concen: 1.003 ug/L
RT: 1.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
BF1F6

Tgt Ion: 50 Resp: 4427

Ion	Ratio	Lower	Upper
50	100		
52	37.5	23.4	43.6

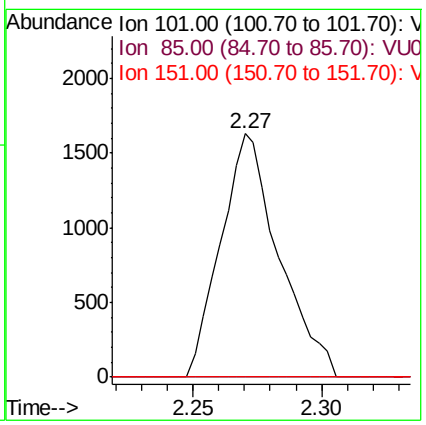


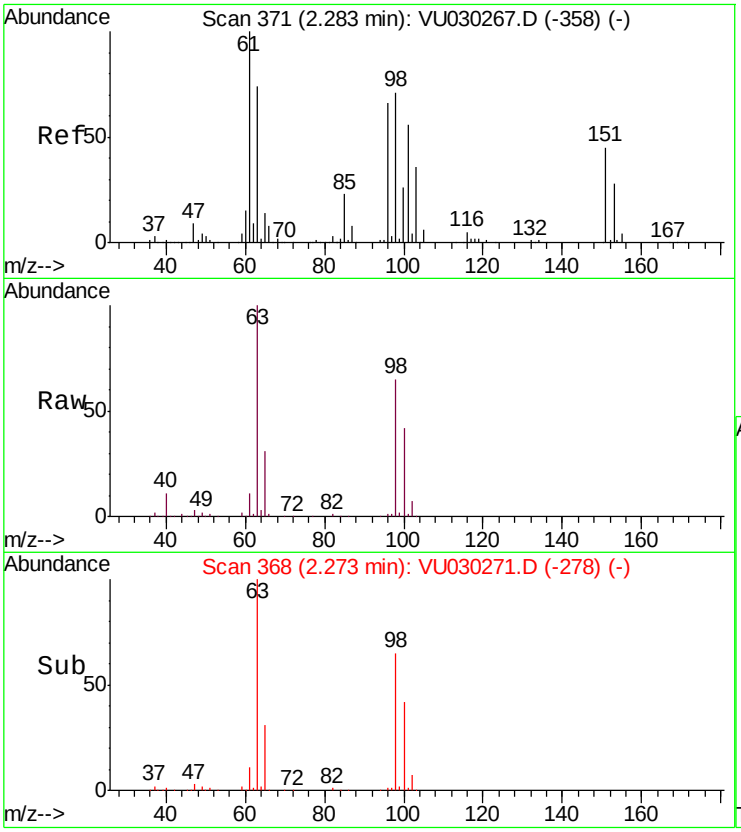


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.705 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Tgt Ion:101 Resp: 2549

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#



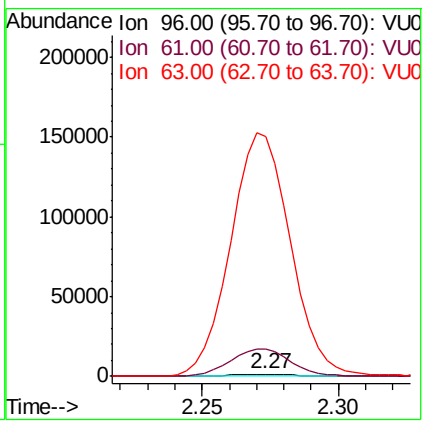


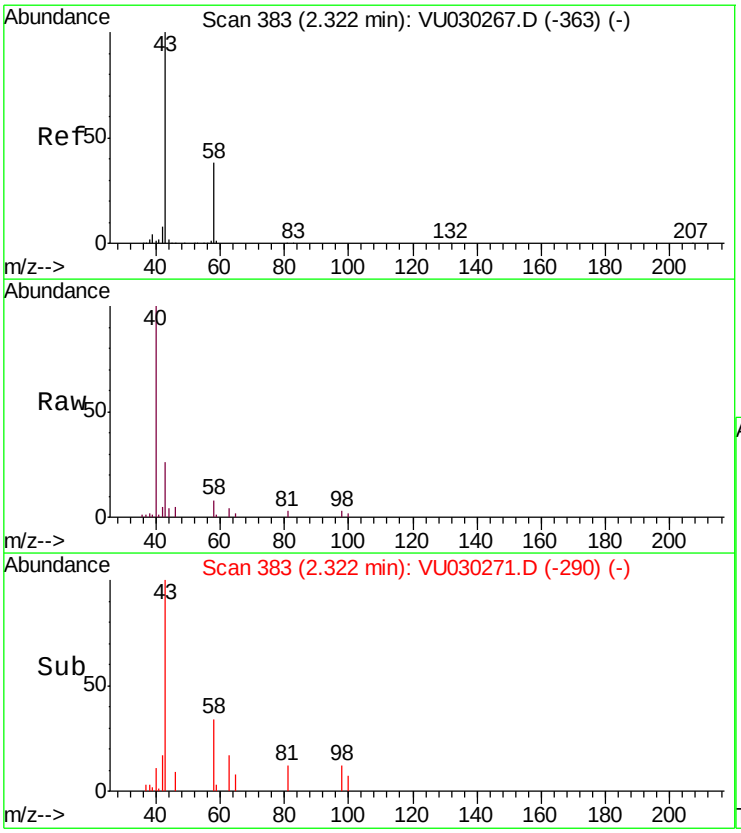
#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
BF1F6

Tgt Ion: 96 Resp: 2216

Ion	Ratio	Lower	Upper
96	100		
61	1286.0	104.6	194.2#
63	11294.7	77.2	143.4#

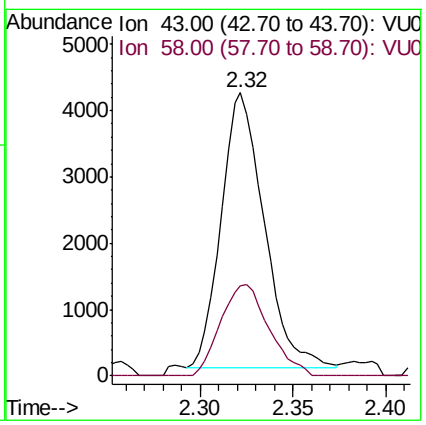


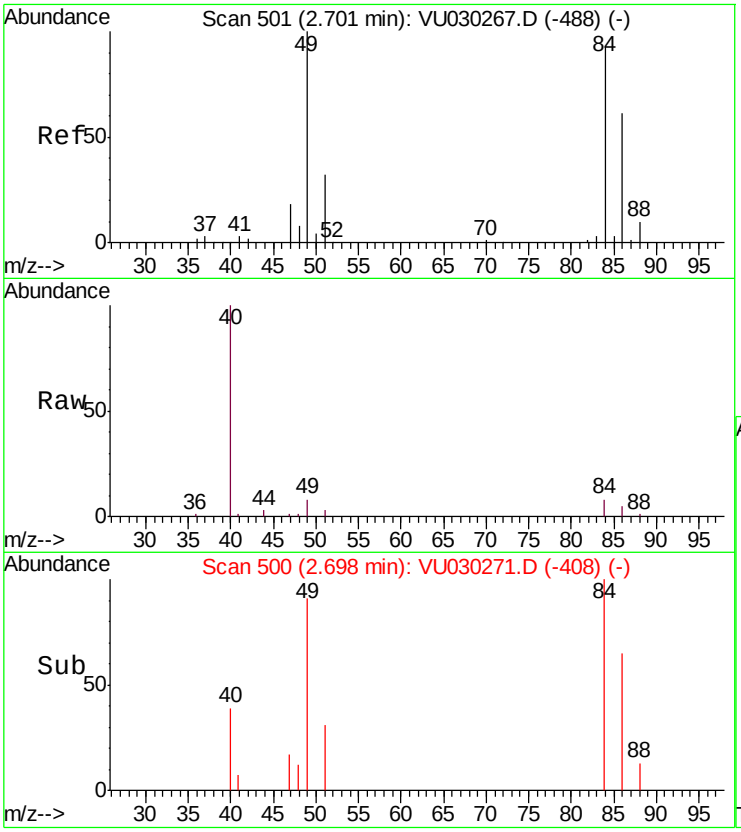


#13
Acetone
Concen: 2.362 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Tgt Ion: 43 Resp: 6667

Ion	Ratio	Lower	Upper
43	100		
58	37.4	0.0	73.4



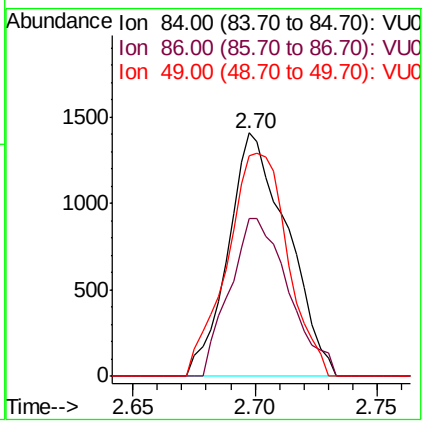


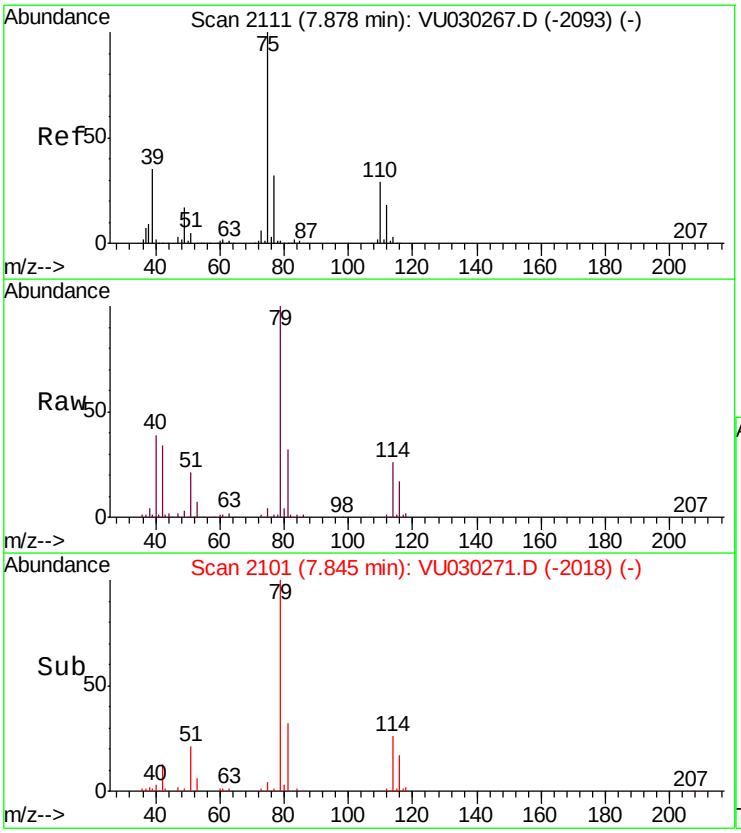
#16
Methylene chloride
Concen: 0.585 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Instrument : MSVOA_U
ClientSampleId : BF1F6

Tgt Ion: 84 Resp: 2383

Ion	Ratio	Lower	Upper
84	100		
86	64.7	45.6	84.6
49	90.6	75.2	139.6

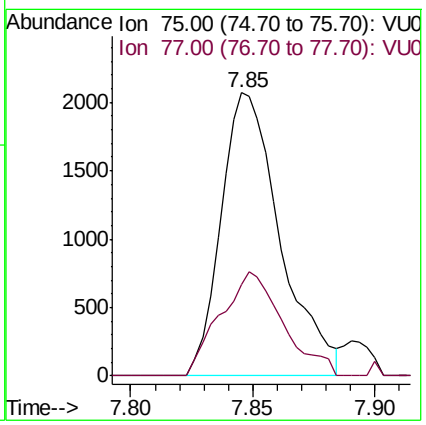


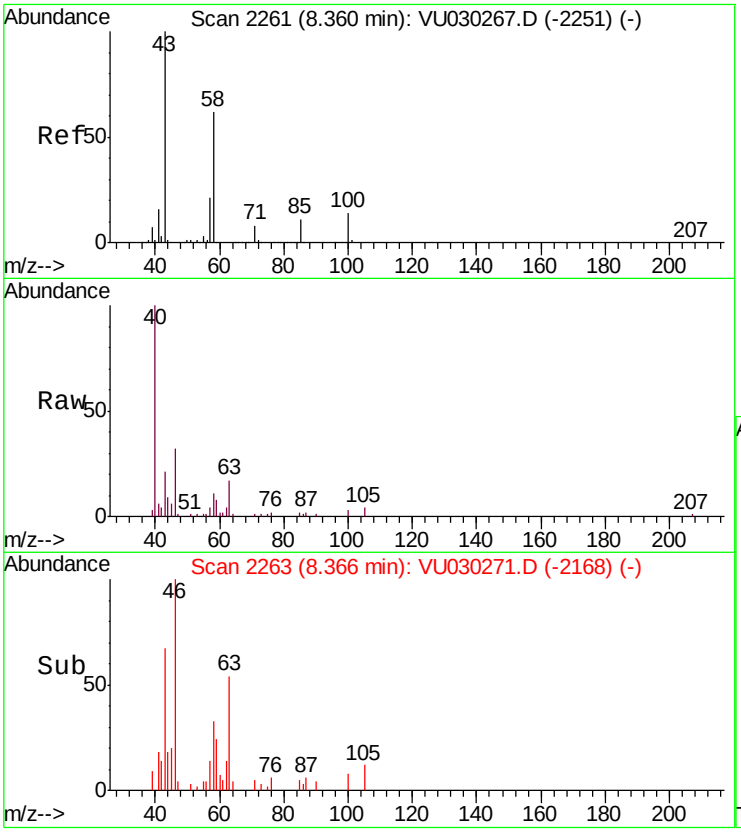


#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Tgt Ion: 75 Resp: 3486

Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.7	42.1



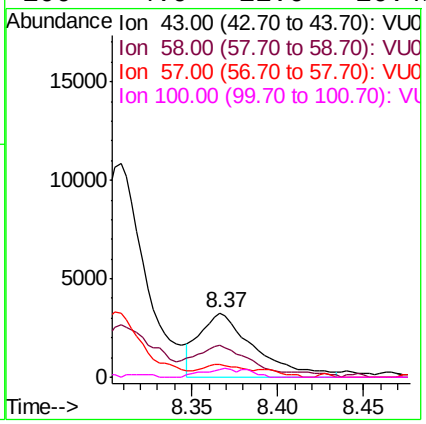


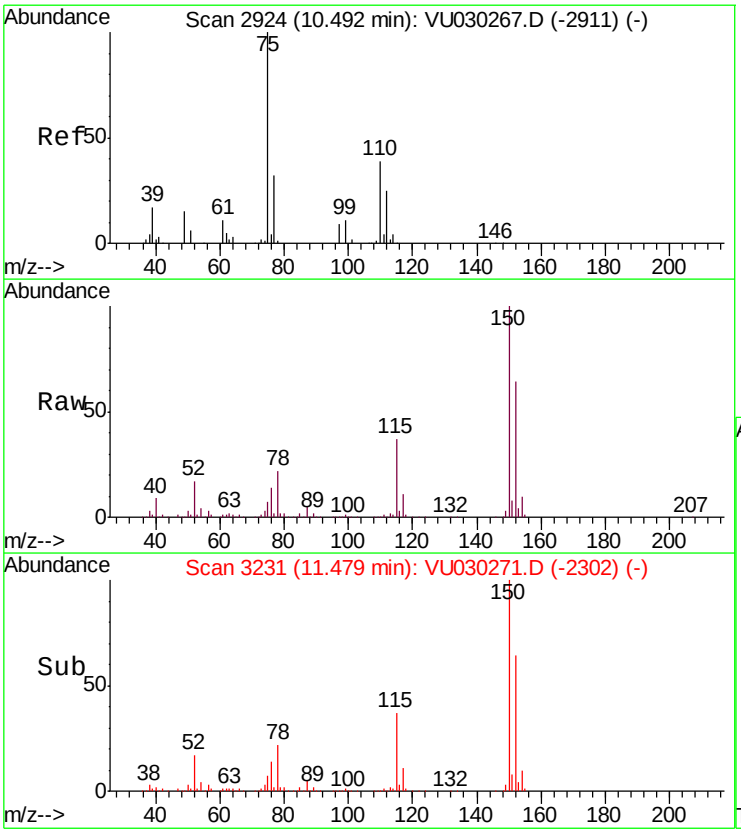
#48
2-Hexanone
Concen: 1.668 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Instrument :
MSVOA_U
ClientSampleId :
BF1F6

Tgt Ion: 43 Resp: 7329

Ion	Ratio	Lower	Upper
43	100		
58	48.1	49.3	73.9#
57	6.8	17.0	25.4#
100	4.9	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 4.957 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030271.D
Acq: 21 Mar 2019 17:26

Tgt Ion: 75 Resp: 25797

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.8