Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\

Quantitation Report (Not Reviewed)

Data File : VU029800.D
Acq On : 04 Mar 2019 21:55
Operator : JC/SP
Sample : K1661-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC77

Quant Time: Mar 05 01:32:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215589	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	132253	38.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.08%			
7) Chloroethane-d5	1.68	69	110388	35.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.42%			
11) 1,1-Dichloroethene-d2	2.27	63	186168	27.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.78%#			
21) 2-Butanone-d5	4.17	46	222930	105.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.36%			
24) Chloroform-d	4.64	84	229698	40.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.46%			
26) 1,2-Dichloroethane-d4	5.31	65	145496	40.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.50%			
32) Benzene-d6	5.34	84	503484	43.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.10%			
36) 1,2-Dichloropropane-d6	6.33	67	154689	43.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.92%			
41) Toluene-d8	7.56	98	464193	38.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.78%#			
43) trans-1,3-Dichloropropene-	7.85	79	67225	36.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.04%			
47) 2-Hexanone-d5	8.31	63	196392	100.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.23%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241316	40.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	184421	39.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.38%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2041	0.618	ug/L #	17
13) Acetone	2.32	43	4254	1.881	ug/L	91
25) Chloroform	4.67	83	3482	0.622	ug/L	77
35) Methylcyclohexane	6.33	83	35452	6.650	ug/L #	21
39) cis-1,3-Dichloropropene	7.22	75	3819	0.757	ug/L #	53
48) 2-Hexanone	8.31	43	20244	5.268	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	22751	5.101	ug/L	94

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

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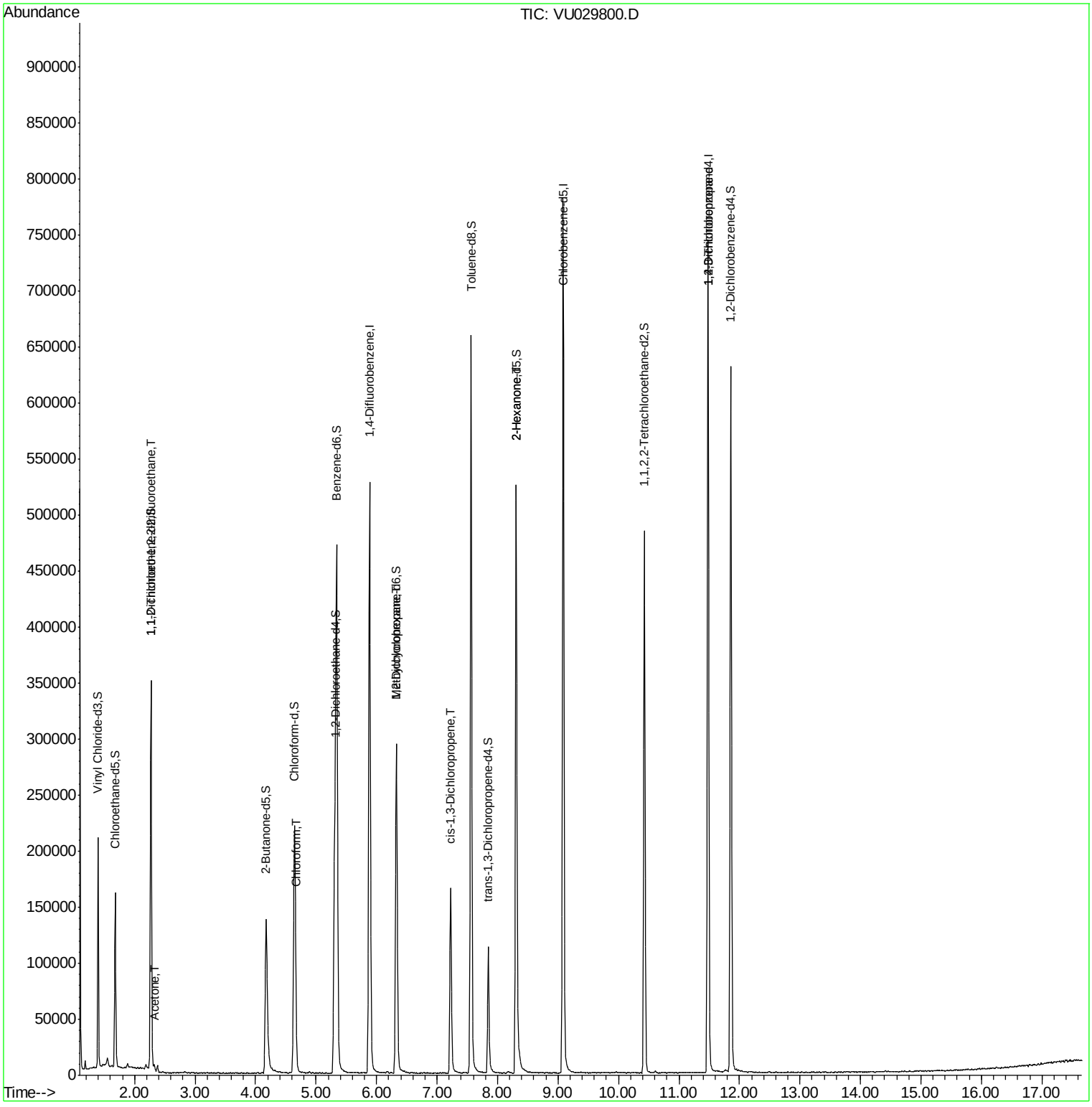
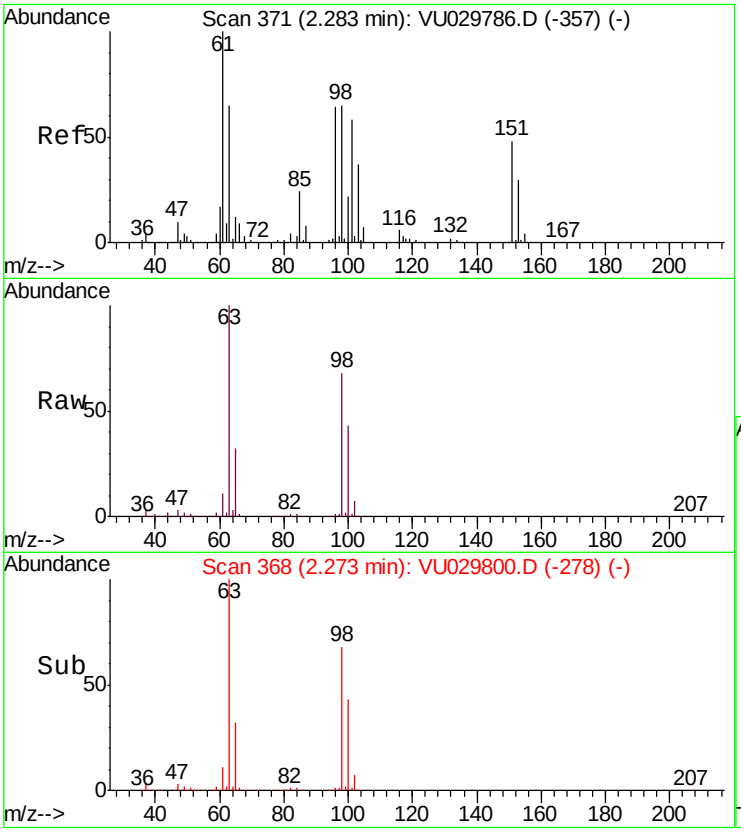
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration



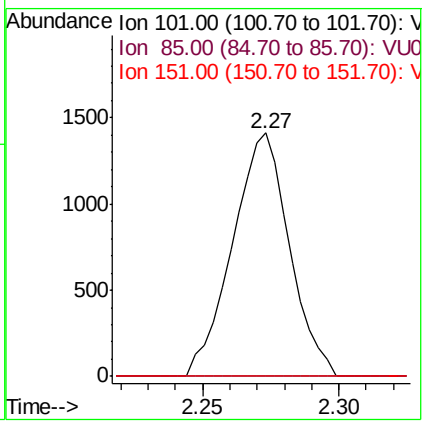


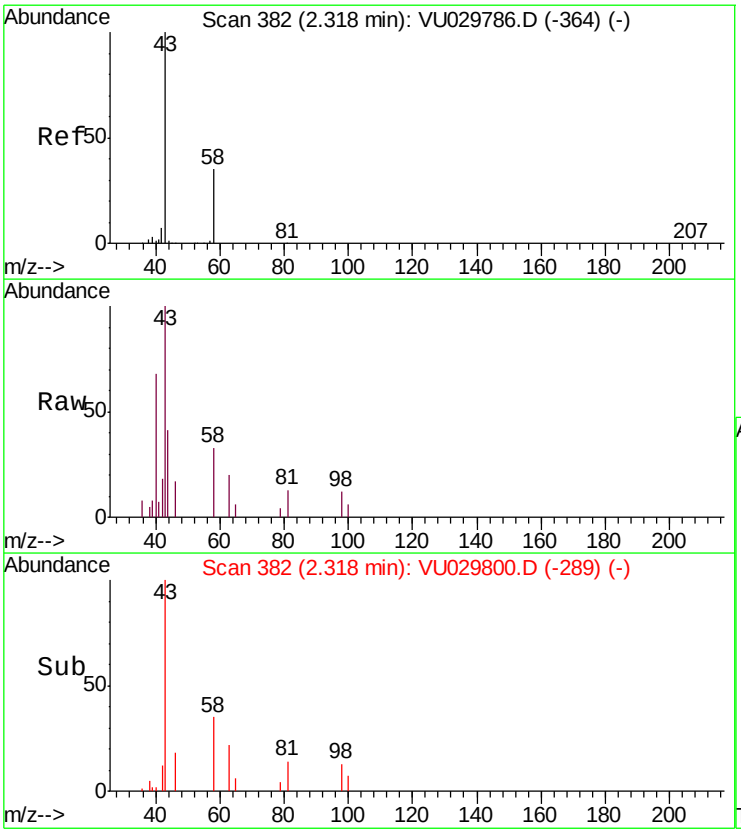
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.618 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Instrument : MSVOA_U
ClientSampleId : BFC77

Tgt Ion:101 Resp: 2041

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#

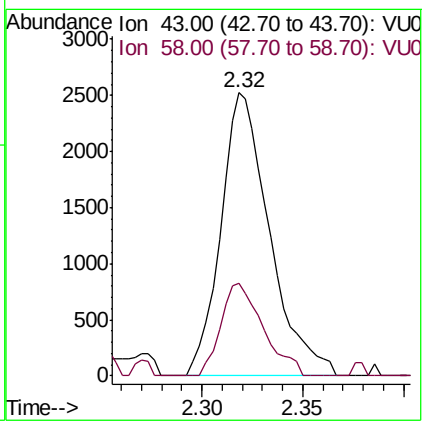


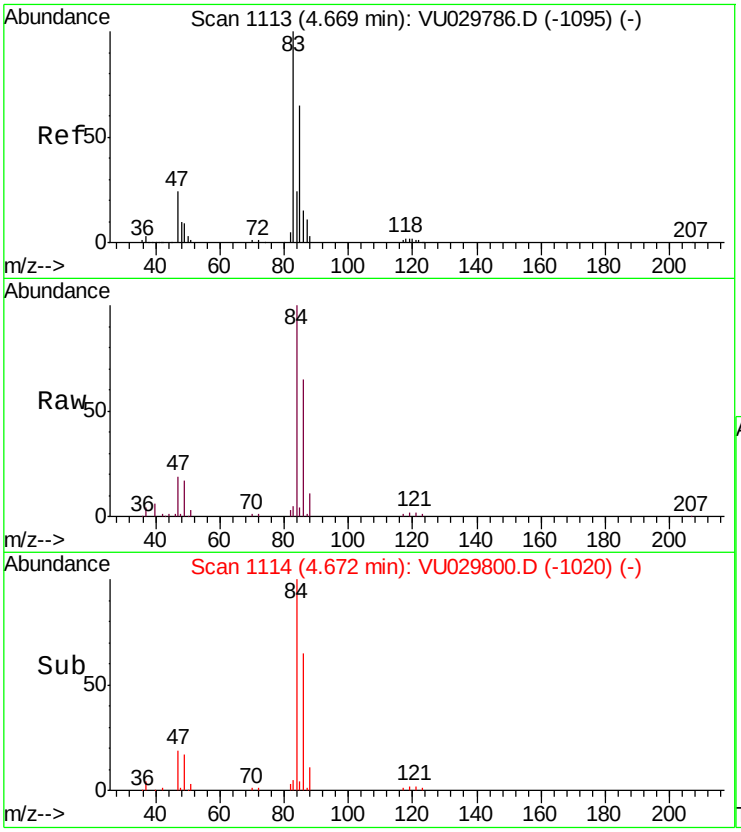


#13
Acetone
Concen: 1.881 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Tgt Ion: 43 Resp: 4254

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	66.8



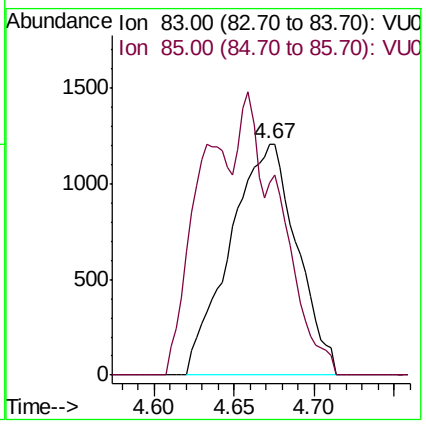


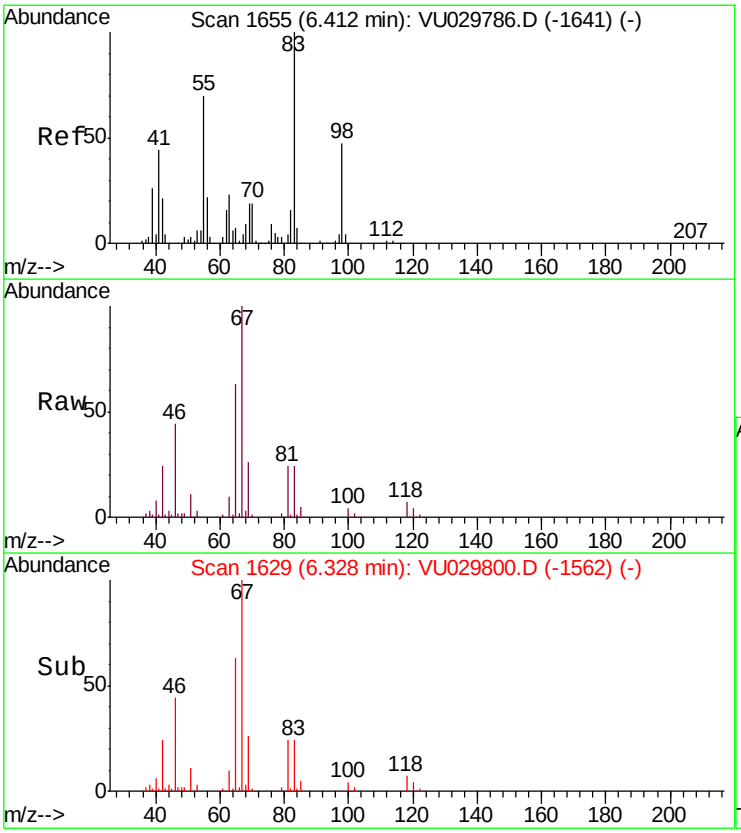
#25
Chloroform
Concen: 0.622 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Instrument :
MSVOA_U
ClientSampleId :
BFC77

Tgt Ion: 83 Resp: 3482

Ion	Ratio	Lower	Upper
83	100		
85	83.2	45.4	84.2

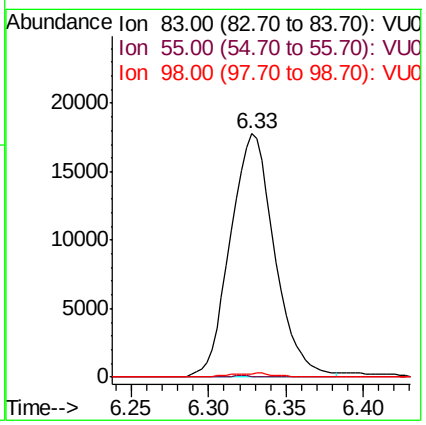


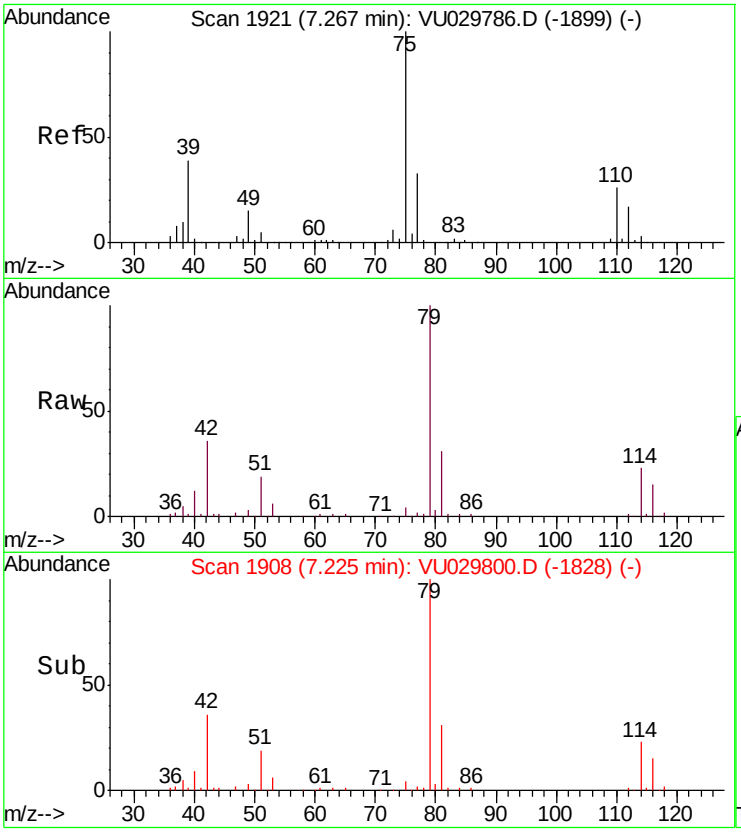


#35
Methylcyclohexane
Concen: 6.650 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Tgt Ion: 83 Resp: 35452

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.2	82.8#
98	0.6	39.4	59.2#



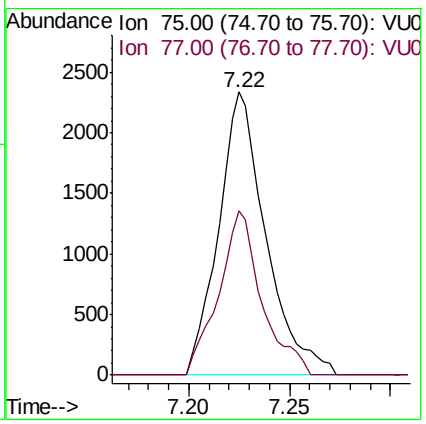


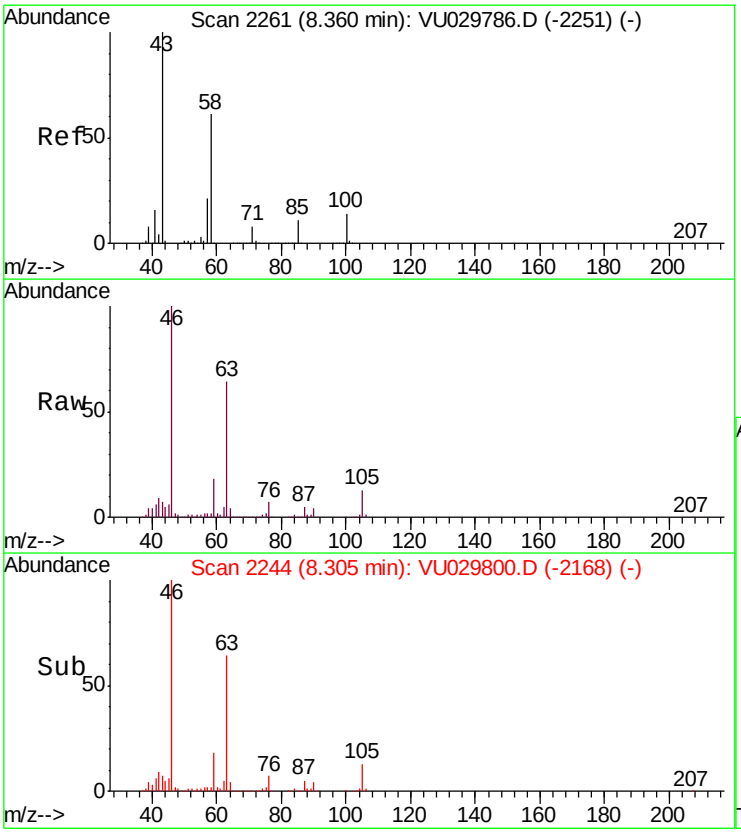
#39
cis-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Instrument :
MSVOA_U
ClientSampleId :
BFC77

Tgt Ion: 75 Resp: 3819

Ion	Ratio	Lower	Upper
75	100		
77	58.0	22.3	41.5#

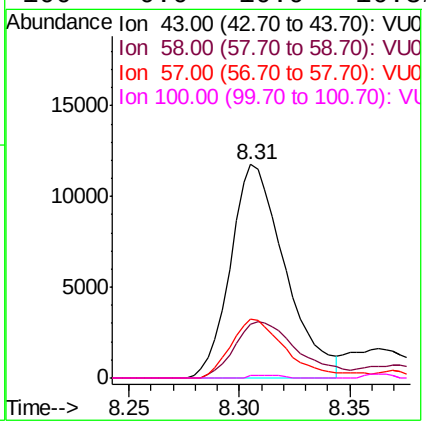


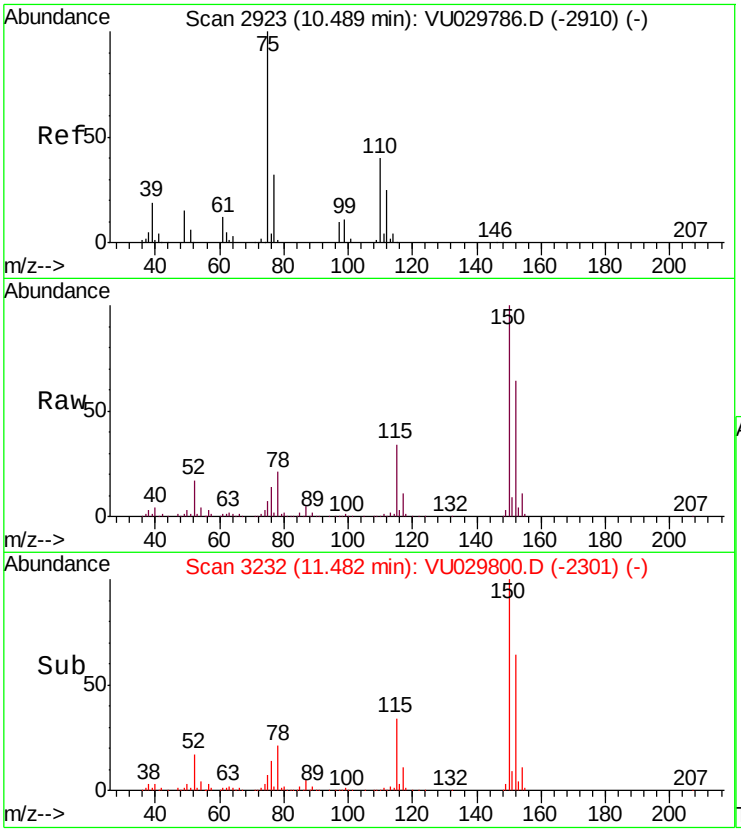


#48
2-Hexanone
Concen: 5.268 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Tgt Ion: 43 Resp: 20244

Ion	Ratio	Lower	Upper
43	100		
58	30.7	46.4	69.6#
57	27.7	15.7	23.5#
100	0.0	10.9	16.3#





#59
1,2,3-Trichloropropane
Concen: 5.101 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029800.D
Acq: 04 Mar 2019 21:55

Instrument :
MSVOA_U
ClientSampleId :
BFC77

Tgt Ion: 75 Resp: 22751

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.7	38.5