Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121218\

Quantitation Report (Not Reviewed)

Data File : VU028603.D
Acq On : 11 Dec 2018 13:09
Operator : MD/SY
Sample : VU1212MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Dec 12 05:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	145617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	135010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57558	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59499	43.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.50%			
7) Chloroethane-d5	1.68	69	48200	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.56%			
11) 1,1-Dichloroethene-d2	2.27	63	82718	34.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.00%			
21) 2-Butanone-d5	4.17	46	118795	108.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.77%			
24) Chloroform-d	4.65	84	103015	47.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.72%			
26) 1,2-Dichloroethane-d4	5.31	65	72167	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.72%			
32) Benzene-d6	5.34	84	217996	51.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.28%			
36) 1,2-Dichloropropane-d6	6.33	67	79835	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.32%			
41) Toluene-d8	7.57	98	188813	49.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.10%			
43) trans-1,3-Dichloropropene-	7.85	79	35402	51.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.12%			
47) 2-Hexanone-d5	8.31	63	84695	115.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.36%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105359	53.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	64023	54.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.64%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	945	1.022	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	677	0.669	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	548	0.571	ug/L #	1
27) 1,2-Dichloroethane	5.33	62	1048	0.584	ug/L #	76
35) Methylcyclohexane	6.33	83	16309	8.270	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7868	5.465	ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1903	0.931	ug/L #	41
44) trans-1,3-Dichloropropene	7.85	75	1315	0.698	ug/L	96
48) 2-Hexanone	8.31	43	9525	5.135	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	8150	5.010	ug/L	93

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

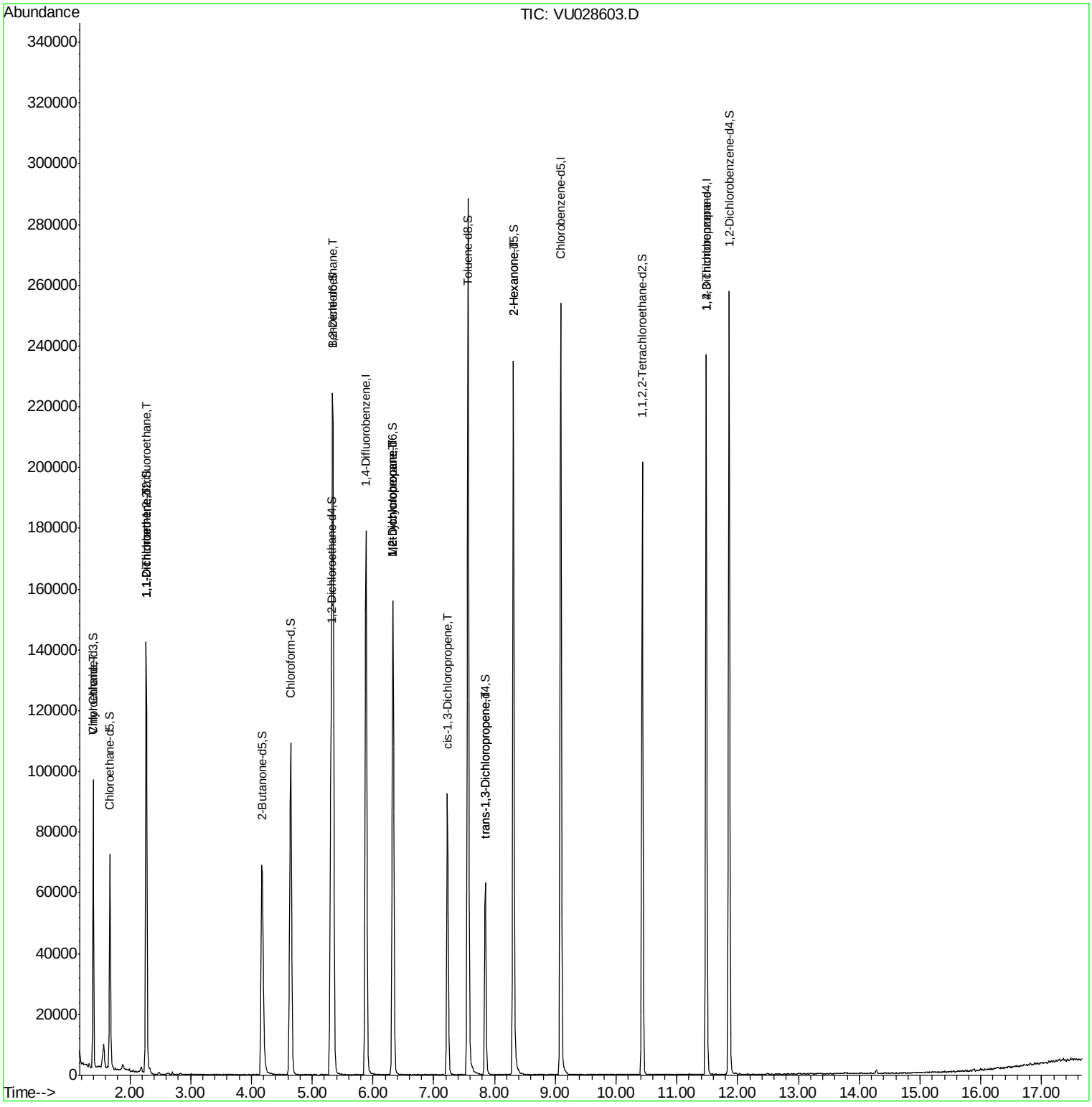
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121218\

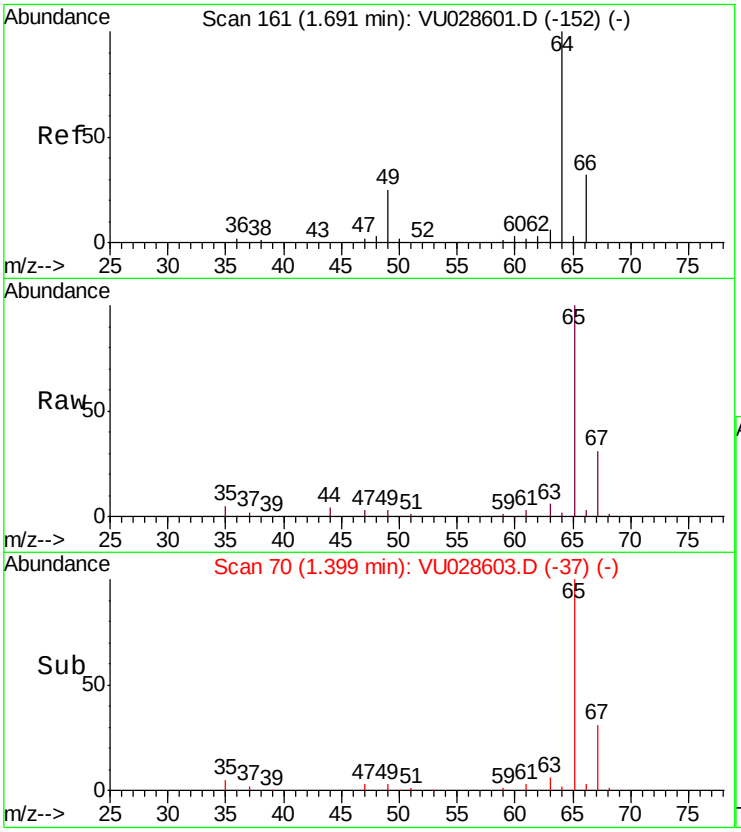
Quantitation Report (Not Reviewed)

Data File : VU028603.D
Acq On : 11 Dec 2018 13:09
Operator : MD/SY
Sample : VU1212MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK55

Quant Time: Dec 12 05:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration



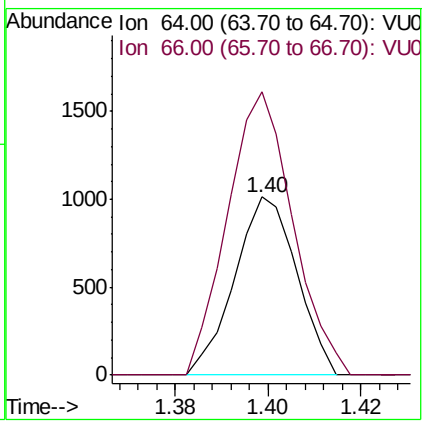


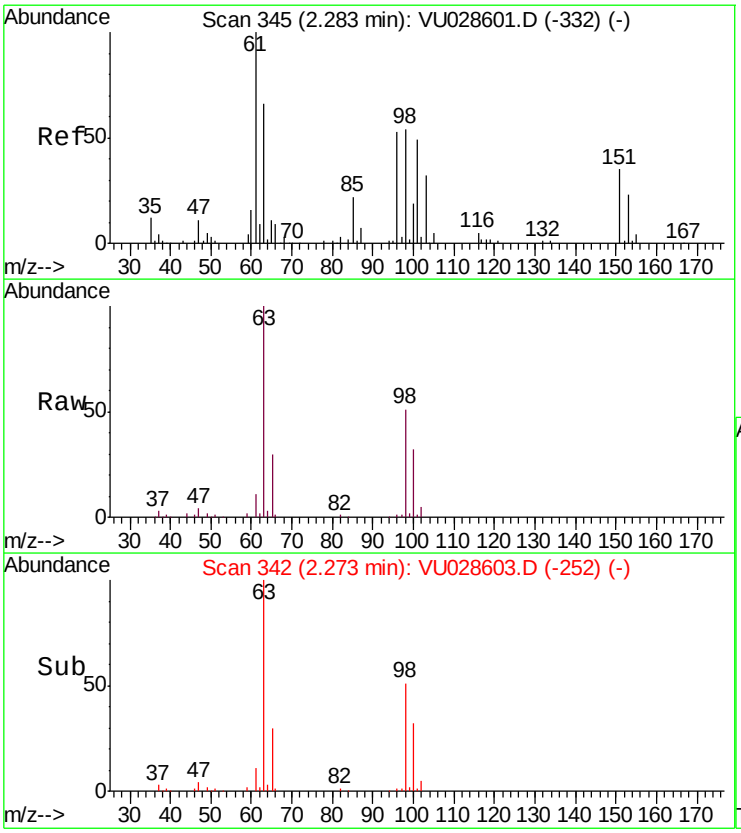
#8
Chloroethane
Concen: 1.022 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 64 Resp: 945

Ion	Ratio	Lower	Upper
64	100		
66	159.1	22.4	41.6#

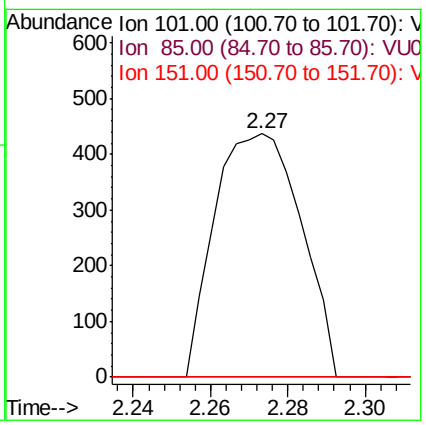


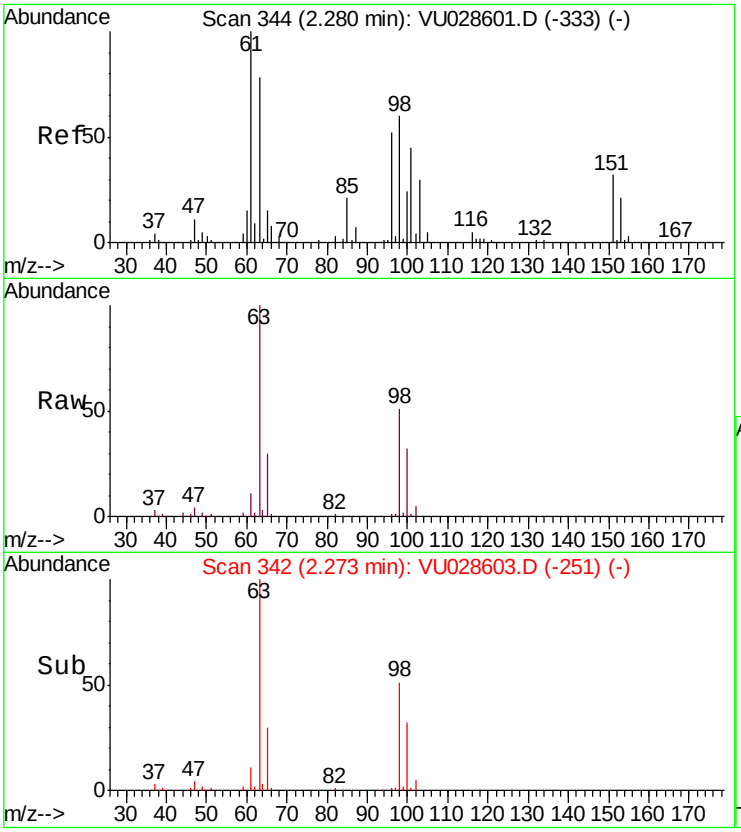


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.669 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Tgt Ion:101 Resp: 677

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	55.8	83.8#



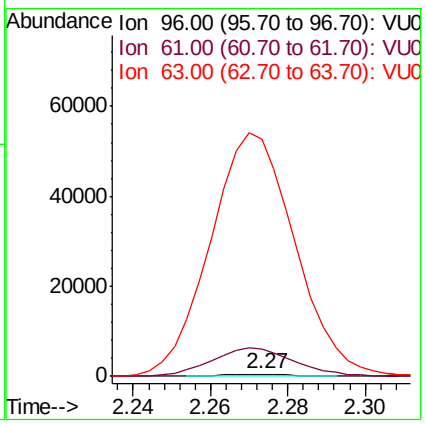


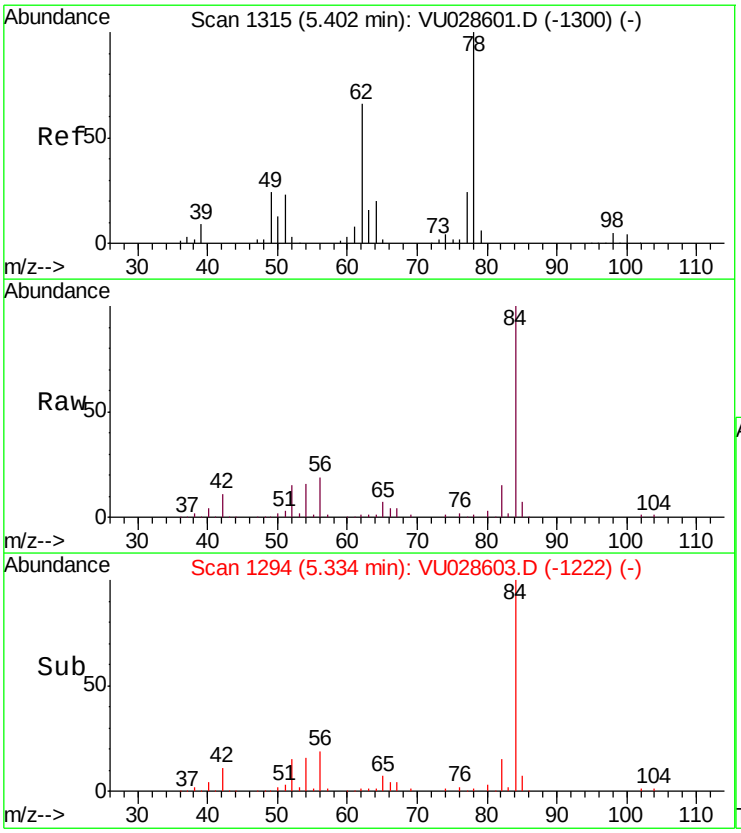
#12
1,1-Dichloroethene
Concen: 0.571 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Instrument : MSVOA_U
ClientSampleId : VBLK55

Tgt Ion: 96 Resp: 548

Ion	Ratio	Lower	Upper
96	100		
61	1509.8	143.2	266.0#
63	13259.4	130.1	241.7#

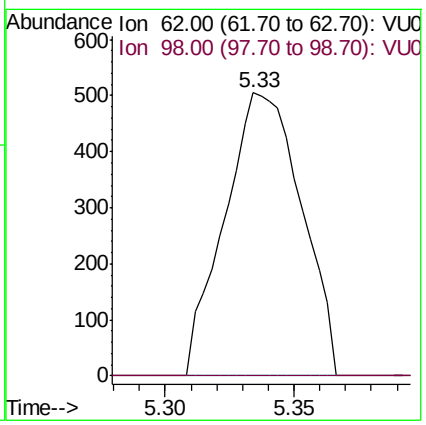


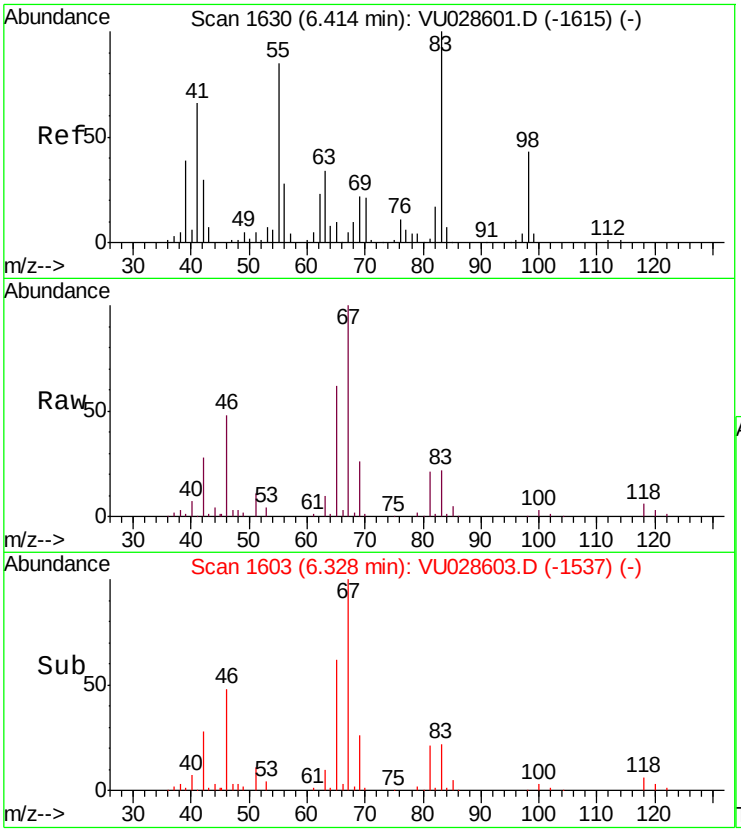


#27
1,2-Dichloroethane
Concen: 0.584 ug/L
RT: 5.33 min Scan# 1294
Delta R.T. -0.07 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Tgt Ion: 62 Resp: 1048

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



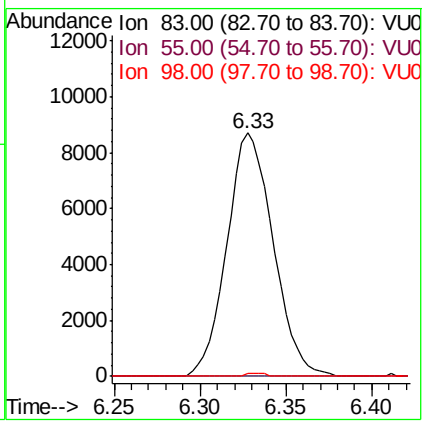


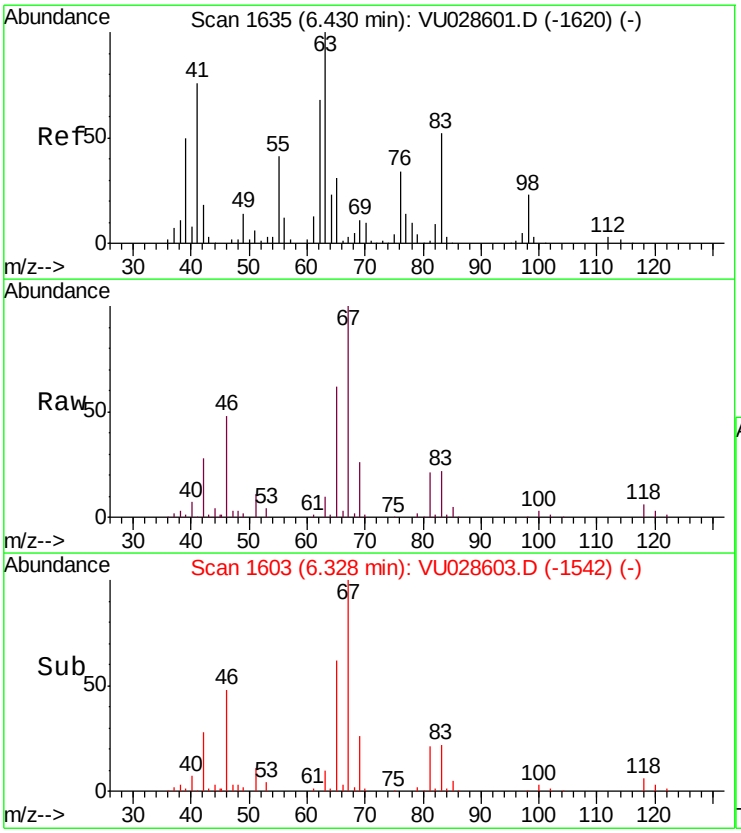
#35
Methylcyclohexane
Concen: 8.270 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 83 Resp: 16309

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.1	105.1#
98	0.5	34.4	51.6#

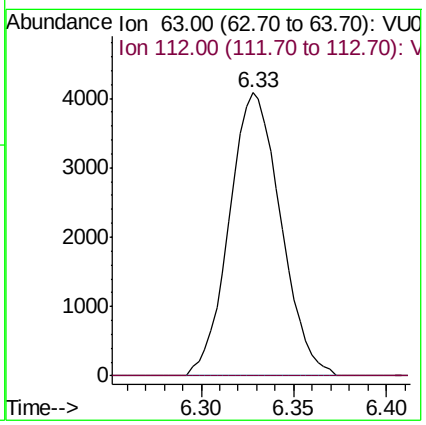


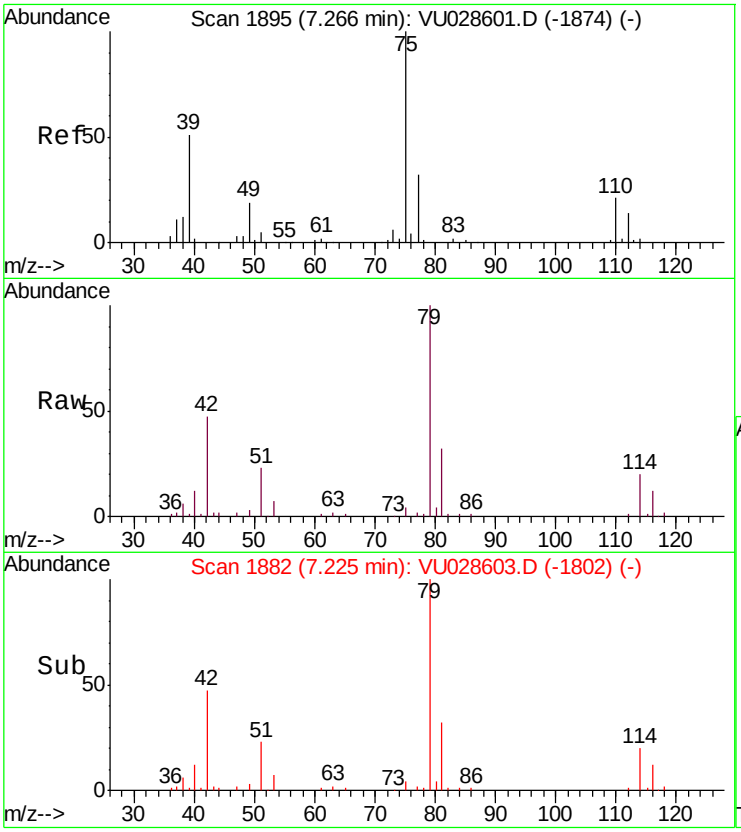


#37
1,2-Dichloropropane
Concen: 5.465 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Tgt Ion: 63 Resp: 7868

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.4	3.6#



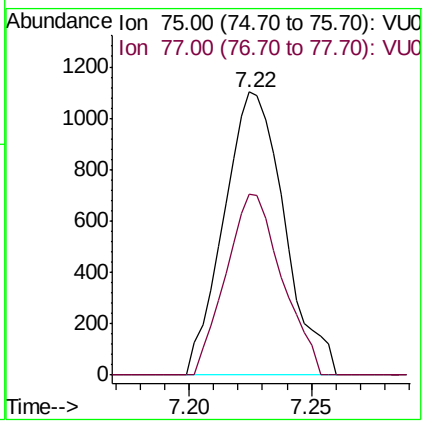


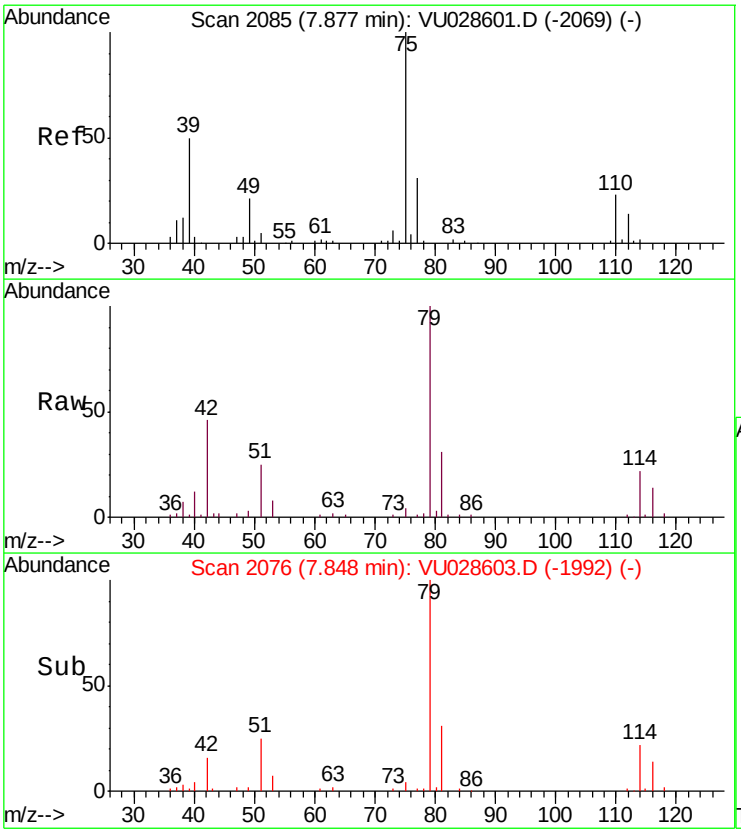
#39
cis-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VBLK55

Tgt Ion: 75 Resp: 1903

Ion	Ratio	Lower	Upper
75	100		
77	64.0	21.8	40.6#

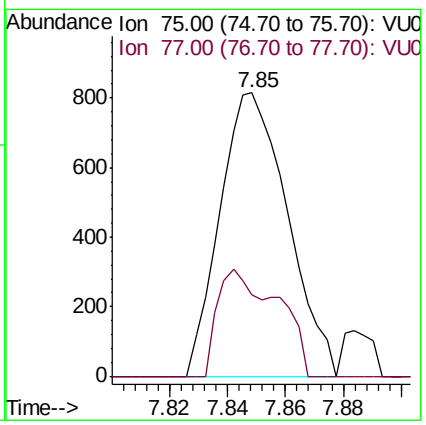


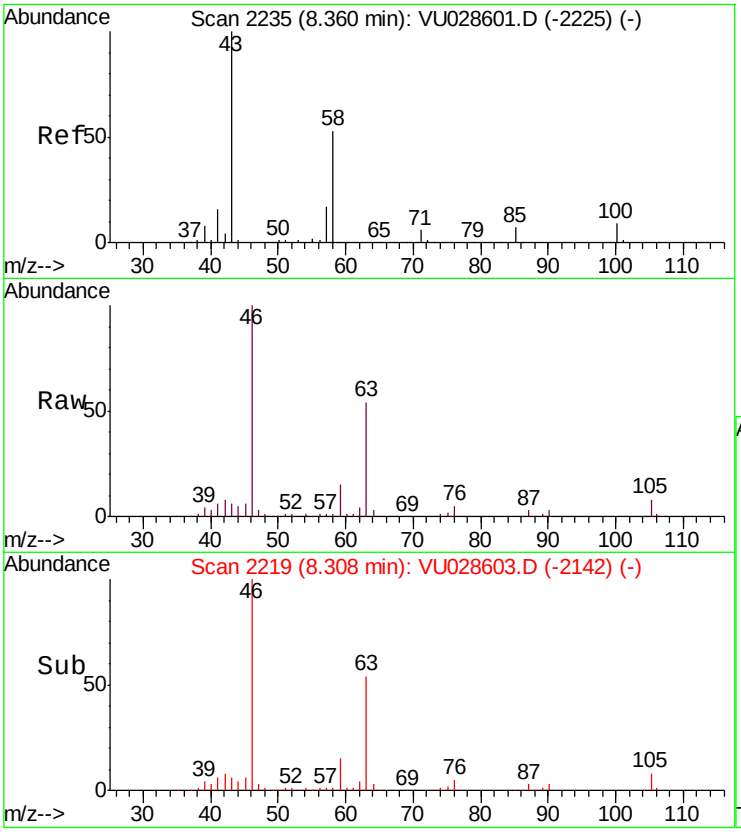


#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Tgt Ion: 75 Resp: 1315

Ion	Ratio	Lower	Upper
75	100		
77	28.8	21.8	40.6



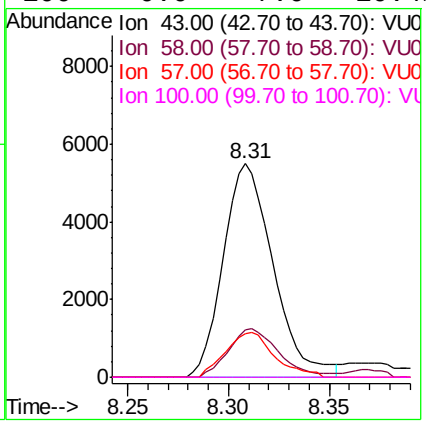


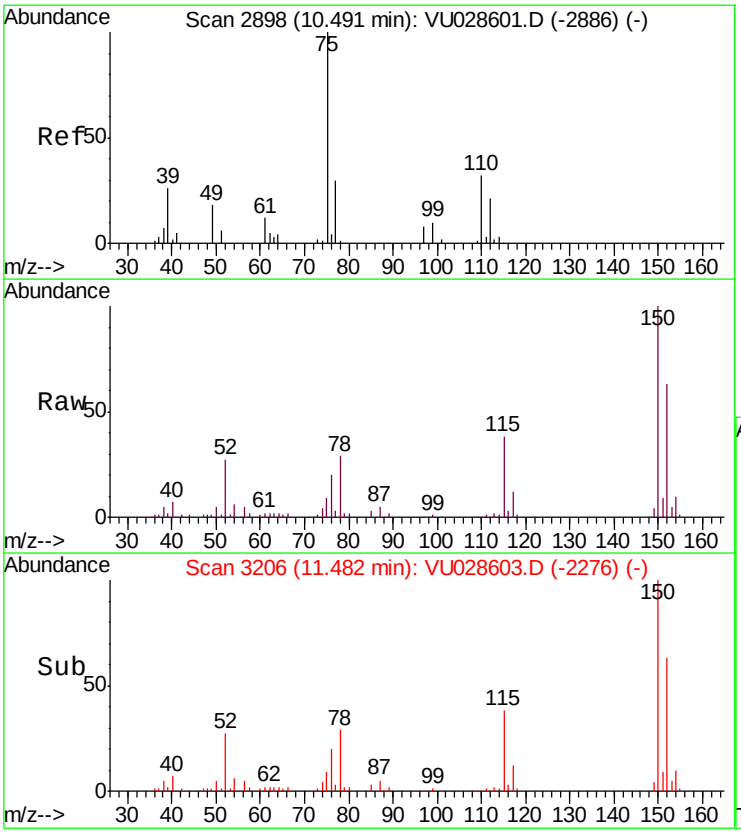
#48
2-Hexanone
Concen: 5.135 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Instrument : MSVOA_U
ClientSampleId : VBLK55

Tgt Ion: 43 Resp: 9525

Ion	Ratio	Lower	Upper
43	100		
58	22.6	41.6	62.4#
57	20.7	13.8	20.6#
100	0.0	7.0	10.4#





#59
1,2,3-Trichloropropane
Concen: 5.010 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028603.D
Acq: 11 Dec 2018 13:09

Tgt Ion: 75 Resp: 8150

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.4	38.2