Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028847.D
Acq On : 21 Dec 2018 00:20
Operator : MD/SY
Sample : J6513-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F54

Quant Time: Dec 21 06:02:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181583	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76332	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63938	41.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.74%			
7) Chloroethane-d5	1.67	69	51917	43.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.98%			
11) 1,1-Dichloroethene-d2	2.27	63	82517	31.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.50%			
21) 2-Butanone-d5	4.17	46	115658	106.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.81%			
24) Chloroform-d	4.65	84	112105	46.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.26%			
26) 1,2-Dichloroethane-d4	5.31	65	71803	47.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.86%			
32) Benzene-d6	5.34	84	241815	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.28%			
36) 1,2-Dichloropropane-d6	6.33	67	87056	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.90%			
41) Toluene-d8	7.56	98	214984	46.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.50%			
43) trans-1,3-Dichloropropene-	7.85	79	37000	47.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.76%			
47) 2-Hexanone-d5	8.31	63	90552	109.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117522	48.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79388	51.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.84%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	911	0.845	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	716	0.573	ug/L #	20
13) Acetone	2.32	43	3422	3.101	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1180	0.641	ug/L #	74
35) Methylcyclohexane	6.39	83	5505	2.368	ug/L #	41
37) 1,2-Dichloropropane	6.33	63	8005	4.954	ug/L #	93
39) cis-1,3-Dichloropropene	7.23	75	1812	0.787	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1211	0.590	ug/L	93
45) 1,1,2-Trichloroethane	8.04	97	2684	1.943	ug/L #	16
48) 2-Hexanone	8.31	43	9248	5.188	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	9479	4.915	ug/L	97
69) Naphthalene	13.74	128	4679	0.900	ug/L #	50

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

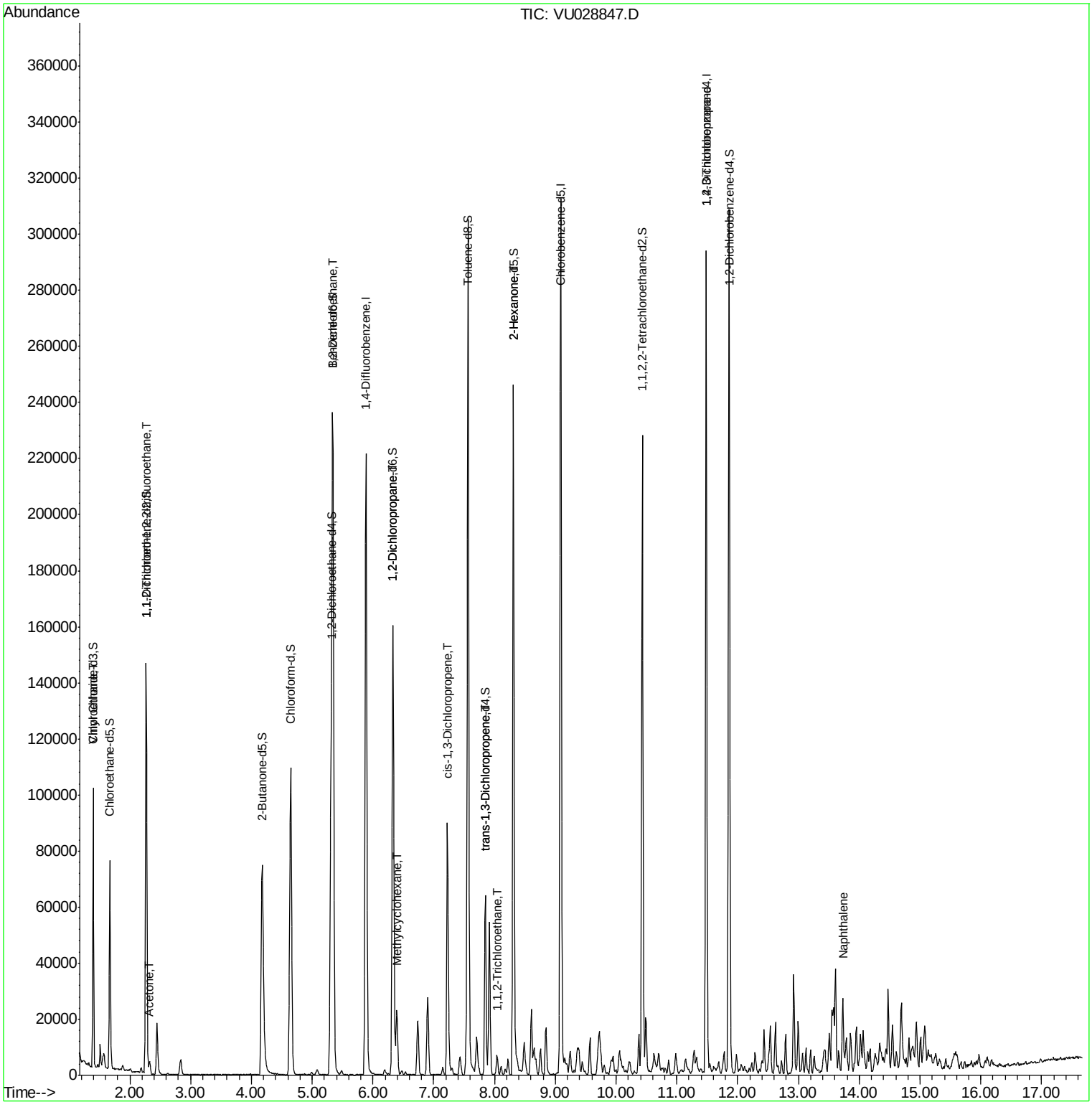
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

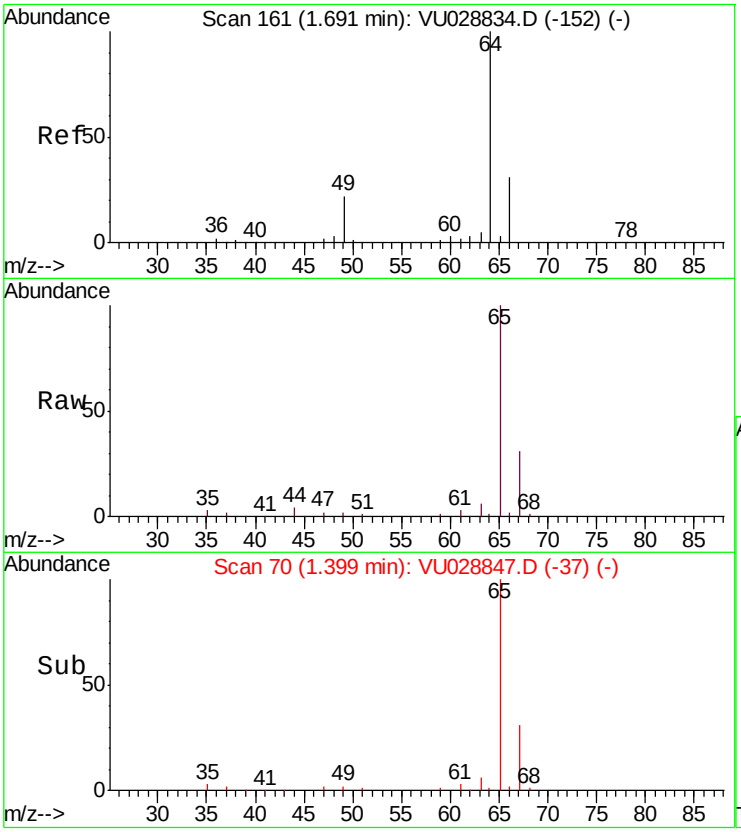
Quantitation Report (Not Reviewed)

Data File : VU028847.D
Acq On : 21 Dec 2018 00:20
Operator : MD/SY
Sample : J6513-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F54

Quant Time: Dec 21 06:02:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration



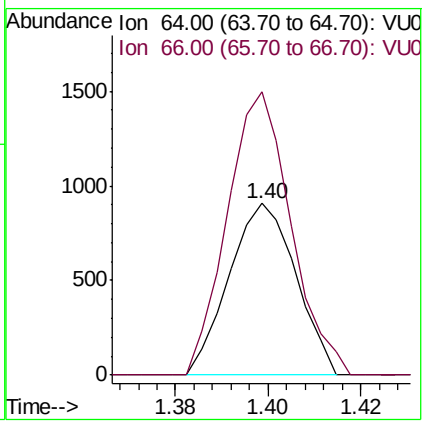


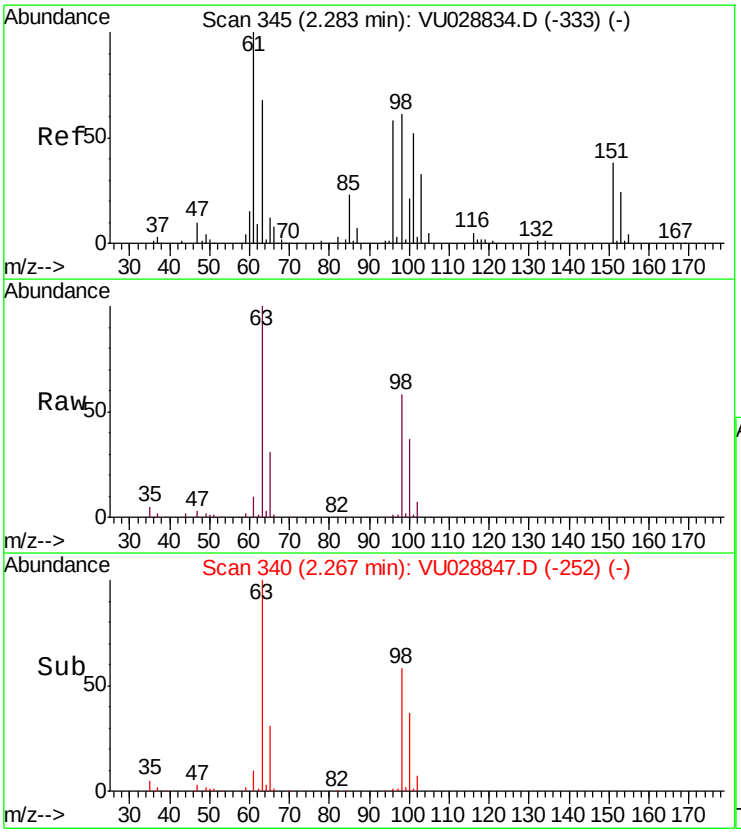
#8
Chloroethane
Concen: 0.845 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument : MSVOA_U
ClientSampleId : F9F54

Tgt Ion: 64 Resp: 911

Ion	Ratio	Lower	Upper
64	100		
66	164.9	21.5	39.9#

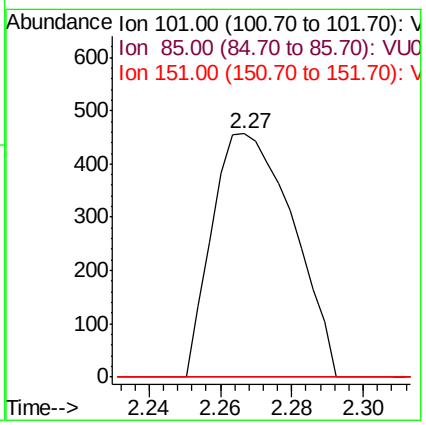


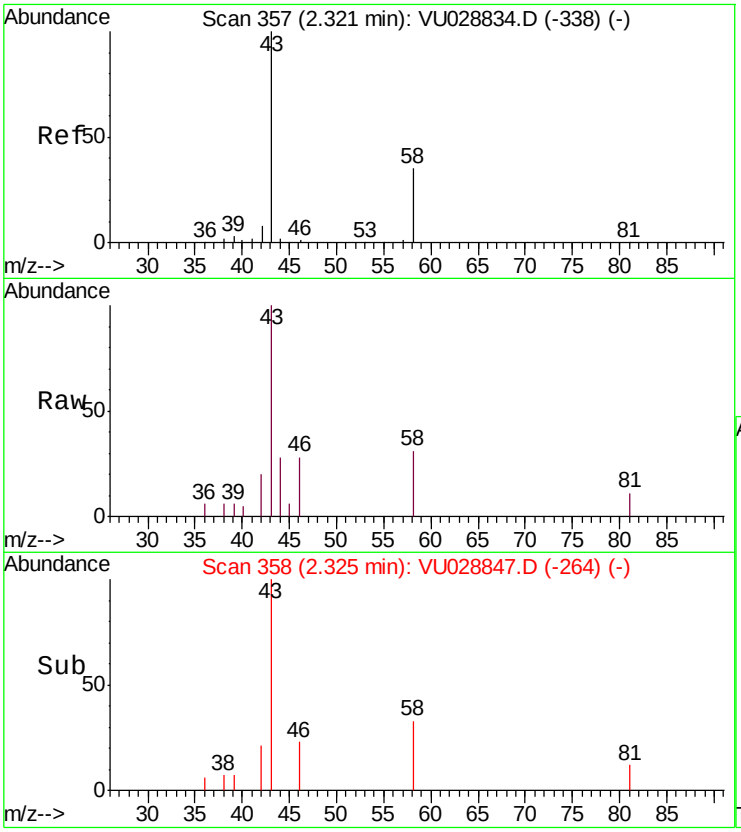


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.573 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion:101 Resp: 716

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#



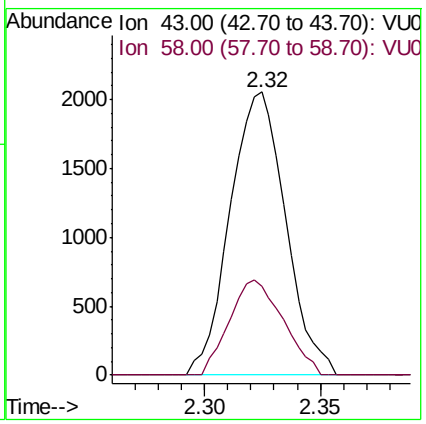


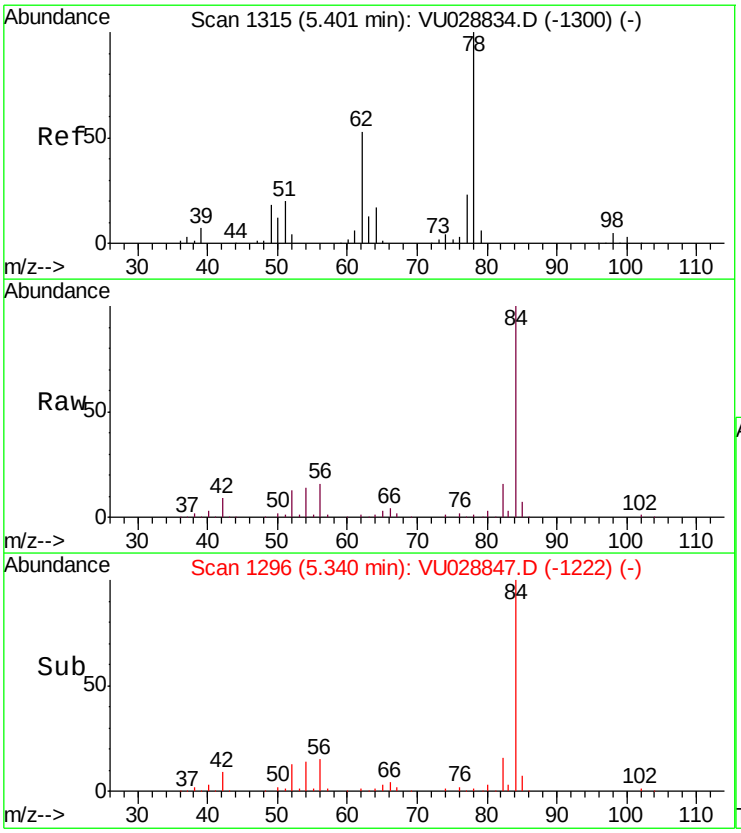
#13
Acetone
Concen: 3.101 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument : MSVOA_U
ClientSampleId : F9F54

Tgt Ion: 43 Resp: 3422

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	70.2

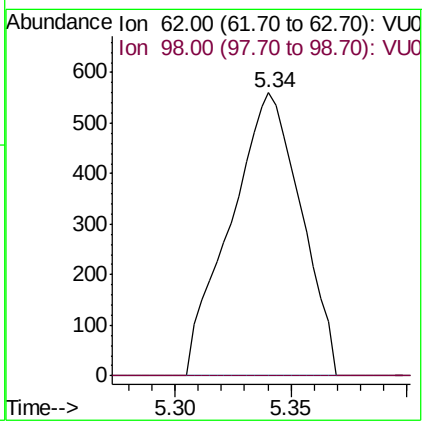


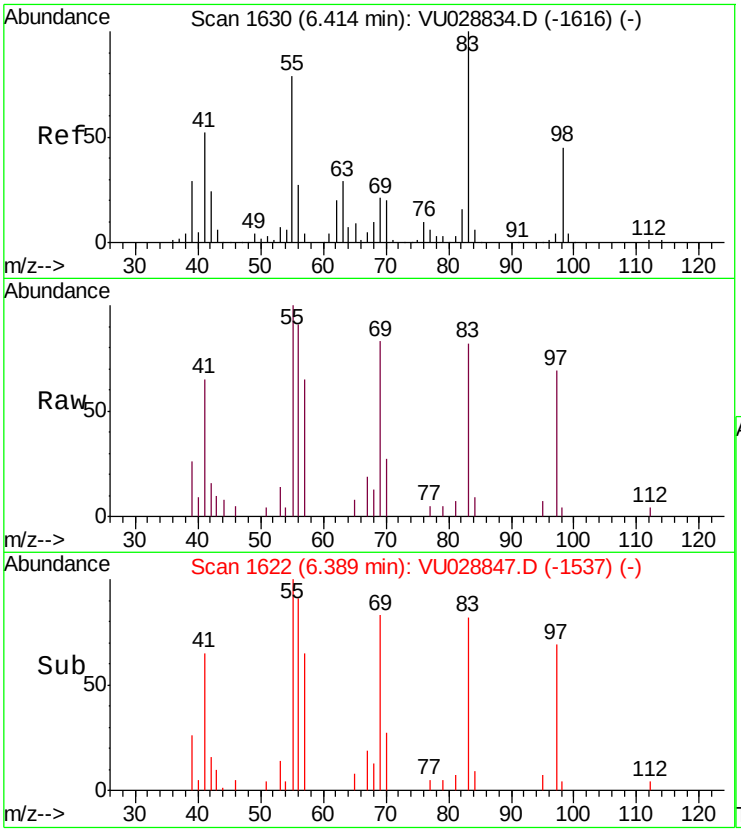


#27
1,2-Dichloroethane
Concen: 0.641 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion: 62 Resp: 1180

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



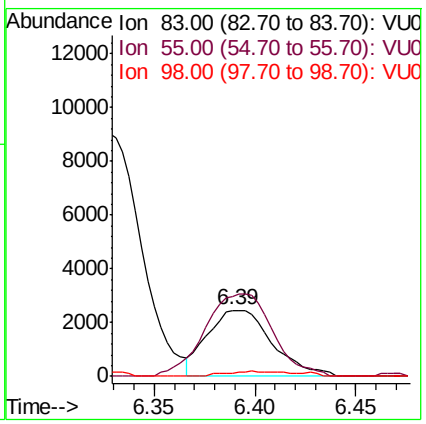


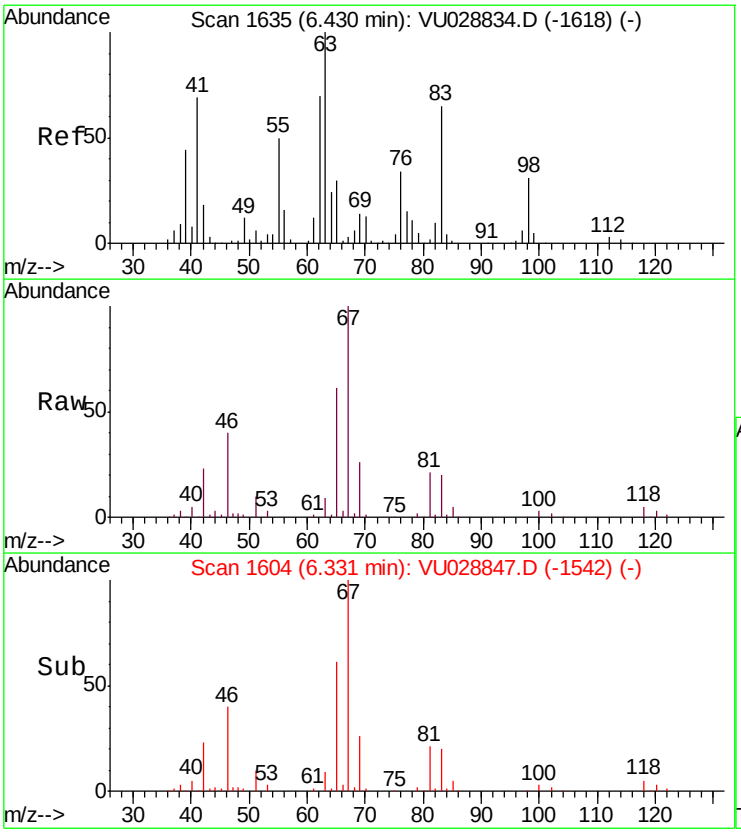
#35
Methylcyclohexane
Concen: 2.368 ug/L
RT: 6.39 min Scan# 1622
Delta R.T. -0.03 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument :
MSVOA_U
ClientSampleId :
F9F54

Tgt Ion: 83 Resp: 5505

Ion	Ratio	Lower	Upper
83	100		
55	130.3	63.7	95.5#
98	4.7	35.6	53.4#

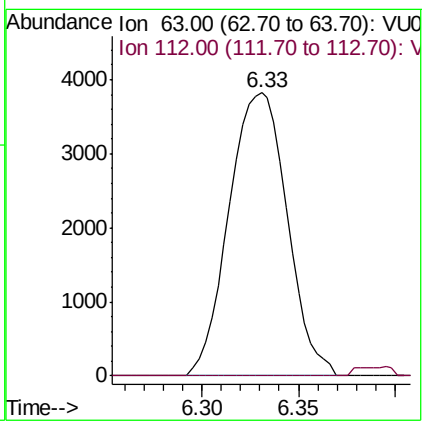


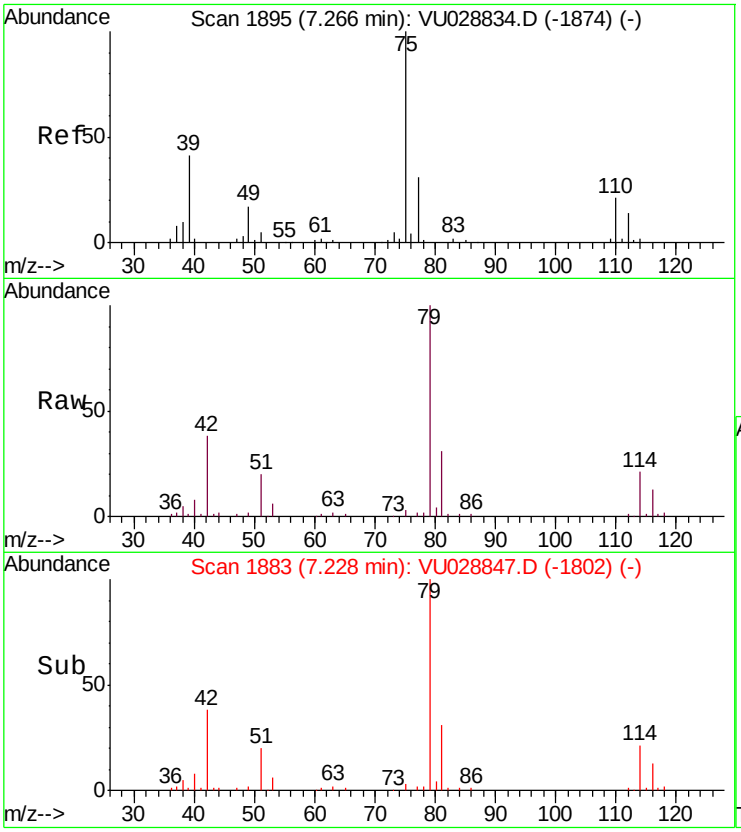


#37
1,2-Dichloropropane
Concen: 4.954 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion: 63 Resp: 8005

Ion	Ratio	Lower	Upper
63	100		
112	1.1	2.7	4.1#



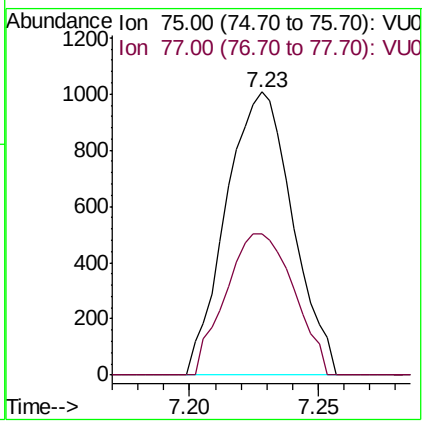


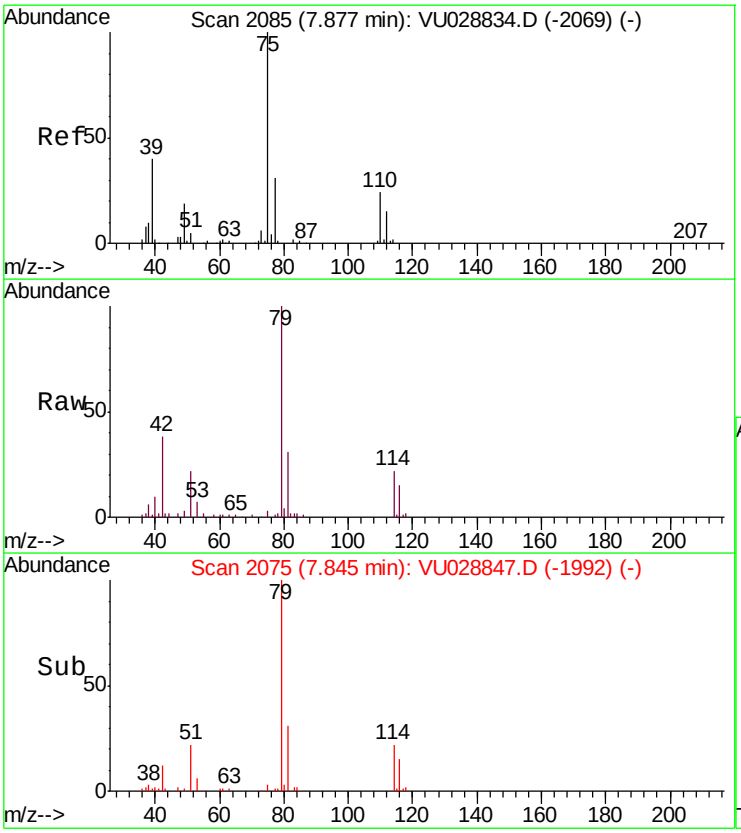
#39
cis-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument :
MSVOA_U
ClientSampleId :
F9F54

Tgt Ion: 75 Resp: 1812

Ion	Ratio	Lower	Upper
75	100		
77	50.0	21.8	40.6#

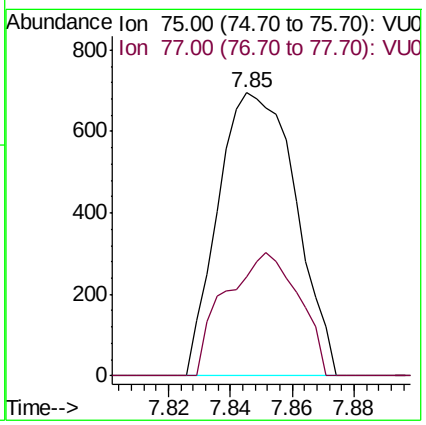


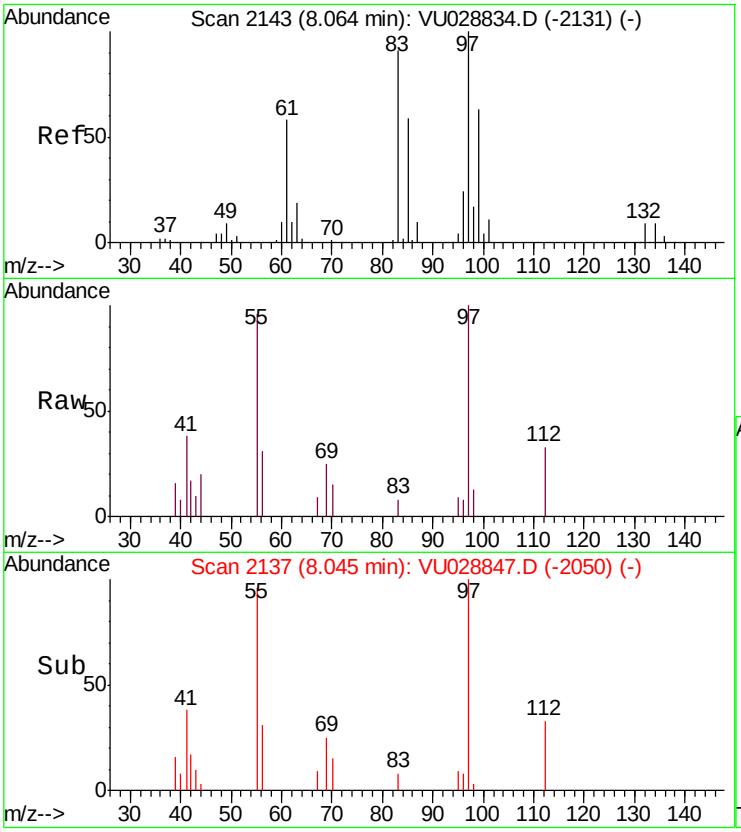


#44
trans-1,3-Dichloropropene
Concen: 0.590 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion: 75 Resp: 1211

Ion	Ratio	Lower	Upper
75	100		
77	34.8	21.8	40.6



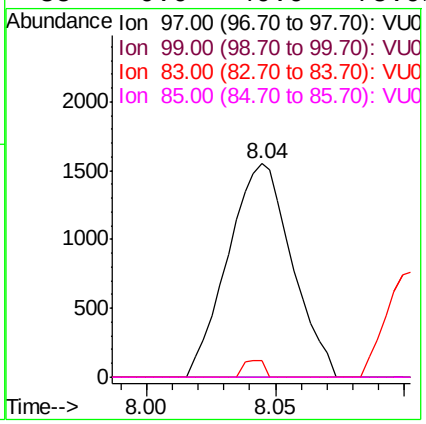


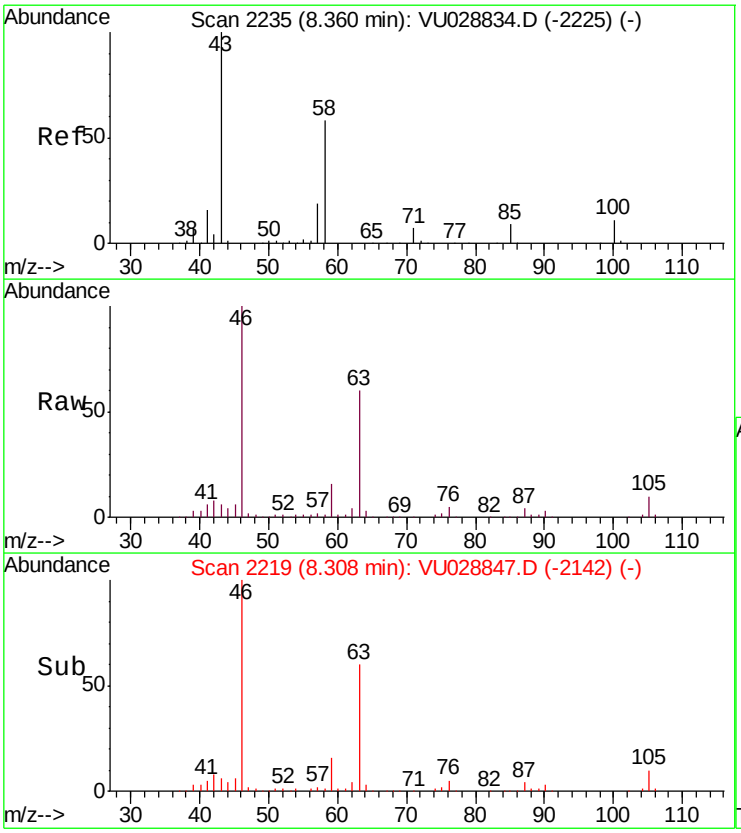
#45
1,1,2-Trichloroethane
Concen: 1.943 ug/L
RT: 8.04 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument :
MSVOA_U
ClientSampleId :
F9F54

Tgt Ion: 97 Resp: 2684

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	7.5	64.5	119.9#
85	0.0	40.9	75.9#

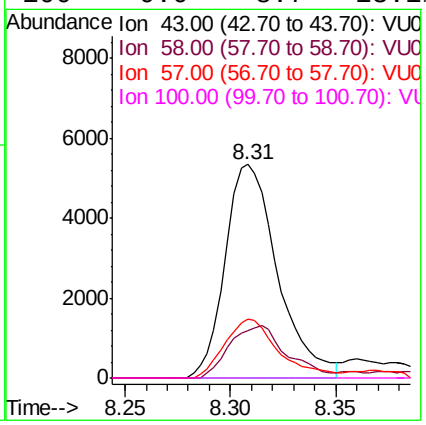


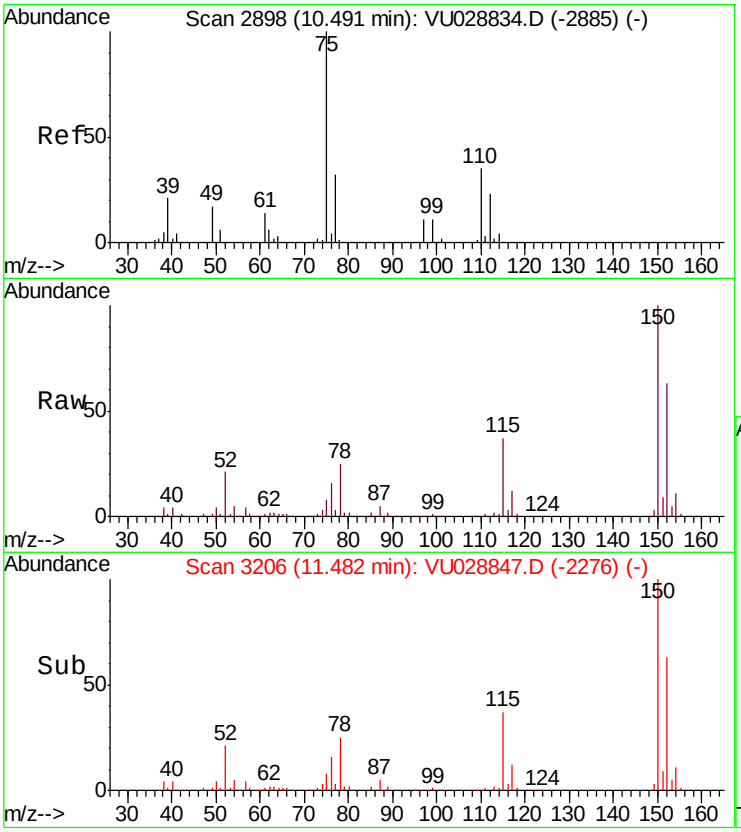


#48
2-Hexanone
Concen: 5.188 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion: 43 Resp: 9248

Ion	Ratio	Lower	Upper
43	100		
58	26.5	45.9	68.9#
57	28.7	15.0	22.4#
100	0.0	8.7	13.1#



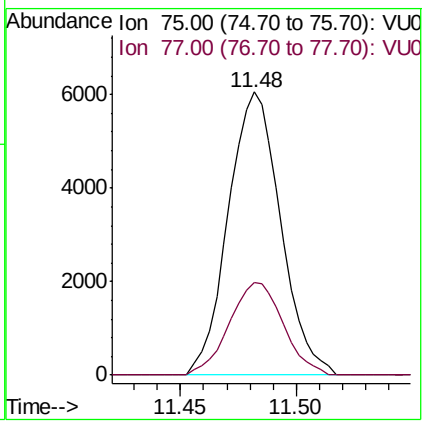


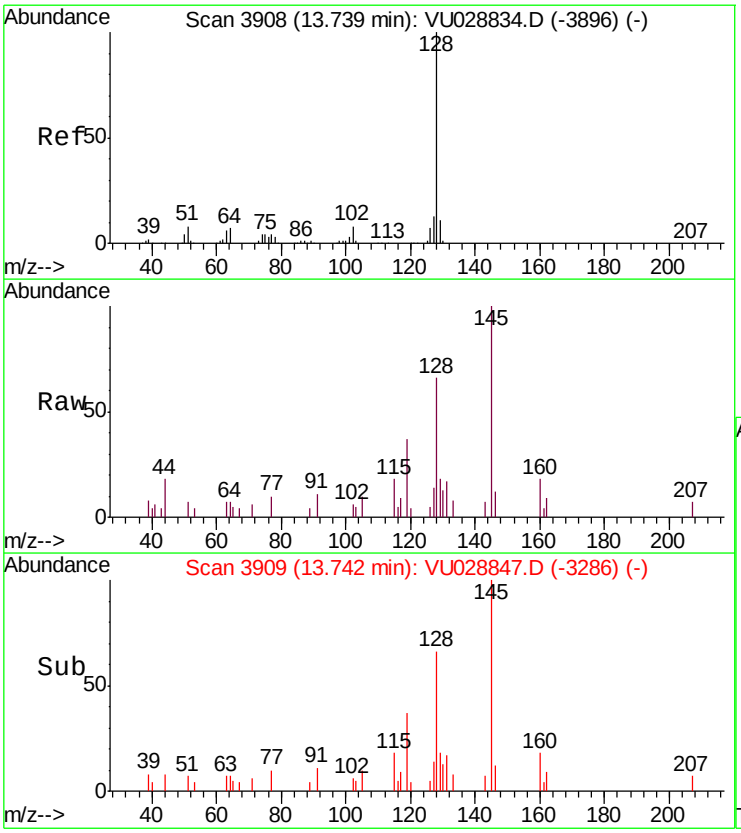
#59
1,2,3-Trichloropropane
Concen: 4.915 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Instrument : MSVOA_U
ClientSampleId : F9F54

Tgt Ion: 75 Resp: 9479

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3





#69
Naphthalene
Concen: 0.900 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028847.D
Acq: 21 Dec 2018 00:20

Tgt Ion:128 Resp: 4679

Ion	Ratio	Lower	Upper
128	100		
127	19.0	10.5	15.7#
129	45.5	8.7	13.1#