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

Quantitation Report (Not Reviewed)

Data File : VU028843.D
Acq On : 20 Dec 2018 22:43
Operator : MD/SY
Sample : J6506-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

Quant Time: Dec 21 06:01:43 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	195888	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74624	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	64341	40.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.94%			
7) Chloroethane-d5	1.67	69	52486	43.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.54%			
11) 1,1-Dichloroethene-d2	2.27	63	84602	32.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.06%			
21) 2-Butanone-d5	4.18	46	115164	104.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.67%			
24) Chloroform-d	4.65	84	111906	45.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.64%			
26) 1,2-Dichloroethane-d4	5.31	65	71841	47.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.38%			
32) Benzene-d6	5.34	84	243682	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.08%			
36) 1,2-Dichloropropane-d6	6.33	67	85928	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.70%			
41) Toluene-d8	7.56	98	211706	45.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.16%			
43) trans-1,3-Dichloropropene-	7.85	79	37228	47.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.44%			
47) 2-Hexanone-d5	8.31	63	90732	109.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.71%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117992	48.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.70%			
64) 1,2-Dichlorobenzene-d4	11.86	152	76585	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.48%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	937	0.856	ug/L #	1
12) 1,1-Dichloroethene	2.27	96	789	0.628	ug/L #	1
13) Acetone	2.32	43	4523	4.034	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	20527	13.317	ug/L	98
34) Trichloroethene	6.19	95	36462	26.148	ug/L	98
35) Methylcyclohexane	6.33	83	17740	7.638	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7941	4.918	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2031	0.882	ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	1253	0.611	ug/L #	67
45) 1,1,2-Trichloroethane	8.22	97	2447	1.773	ug/L #	1
46) Tetrachloroethene	8.22	164	337276	314.050	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	9241	4.796	ug/L	96

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

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

Quantitation Report (Not Reviewed)

Data File : VU028843.D
Acq On : 20 Dec 2018 22:43
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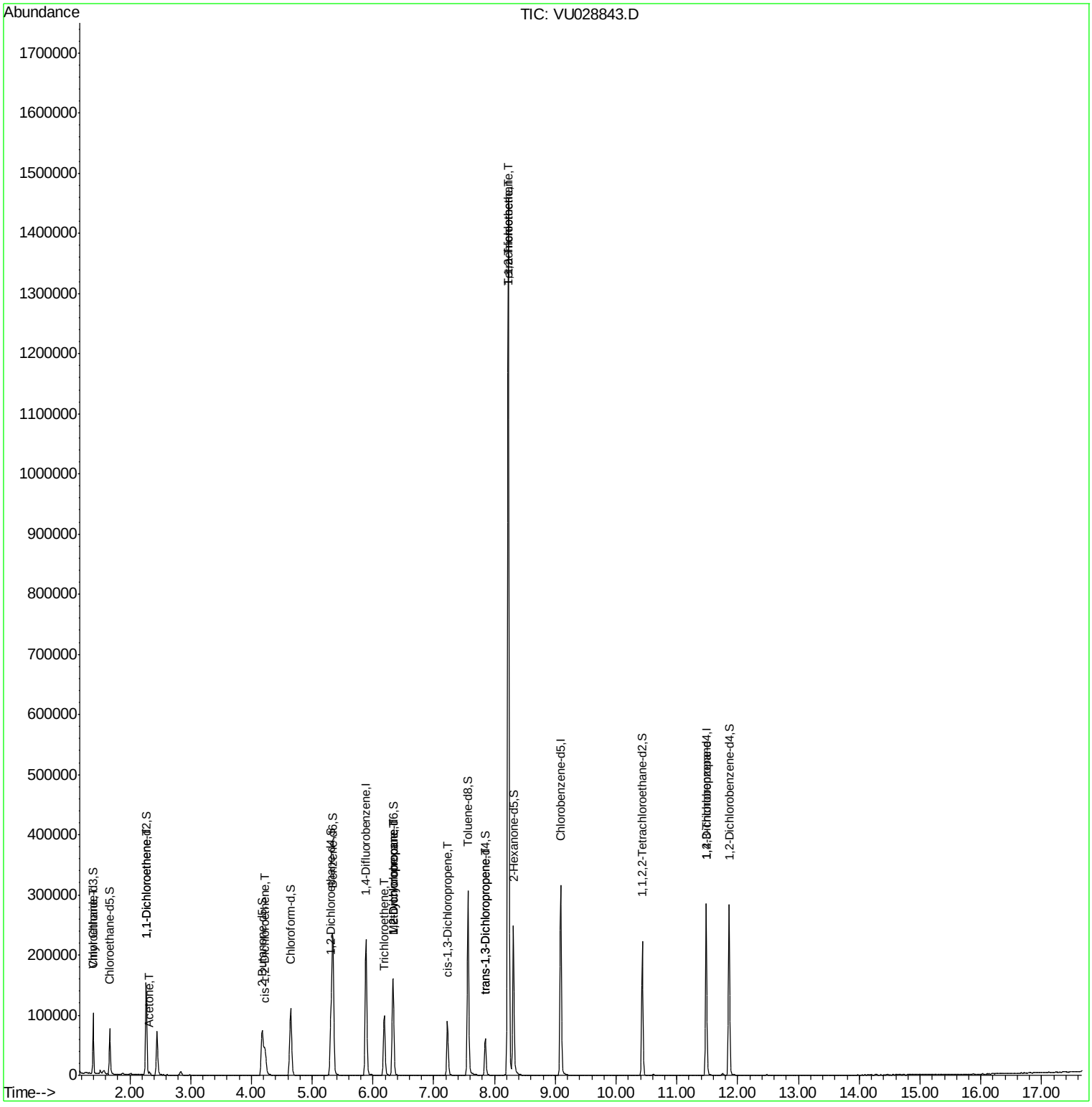
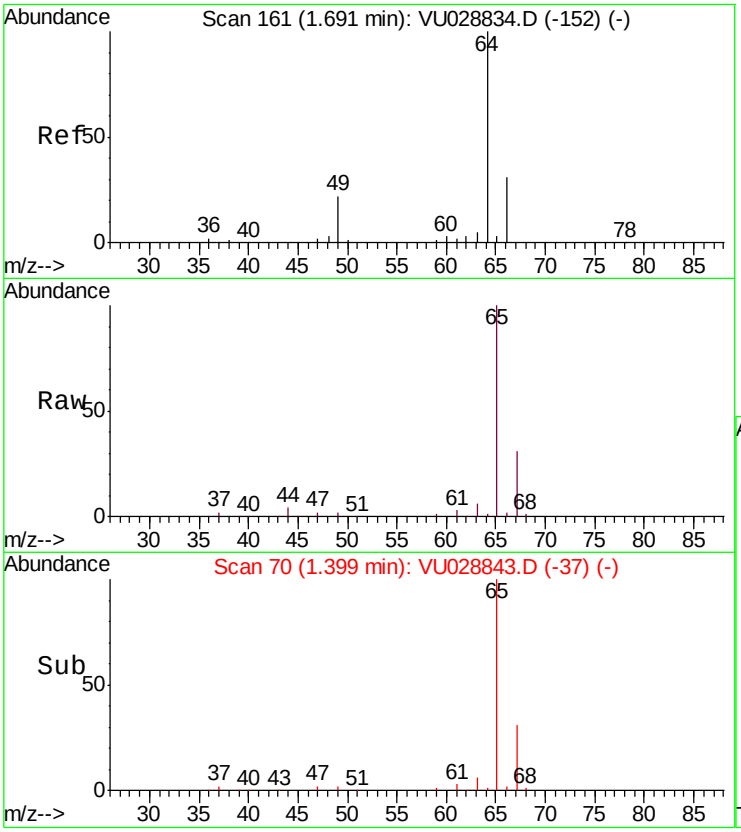
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF012

Quant Time: Dec 21 06:01:43 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



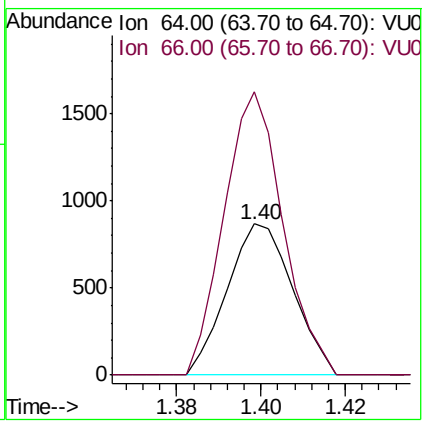


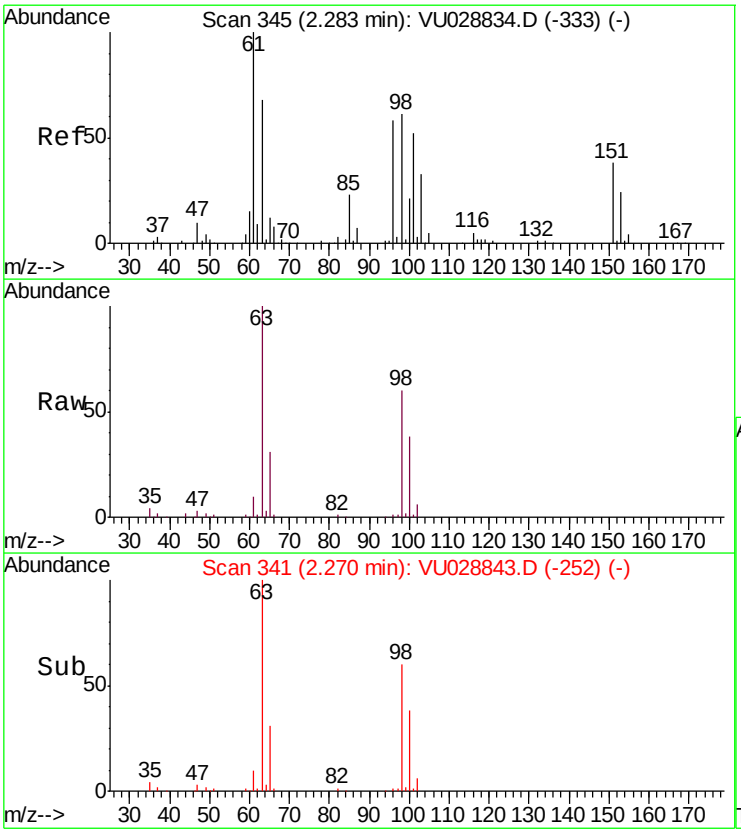
#8
Chloroethane
Concen: 0.856 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument : MSVOA_U
ClientSampleId : BF012

Tgt Ion: 64 Resp: 937

Ion	Ratio	Lower	Upper
64	100		
66	187.1	21.5	39.9#

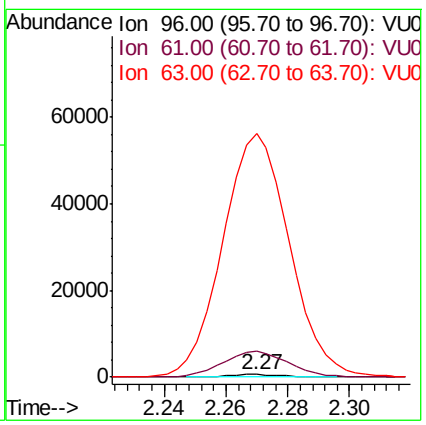


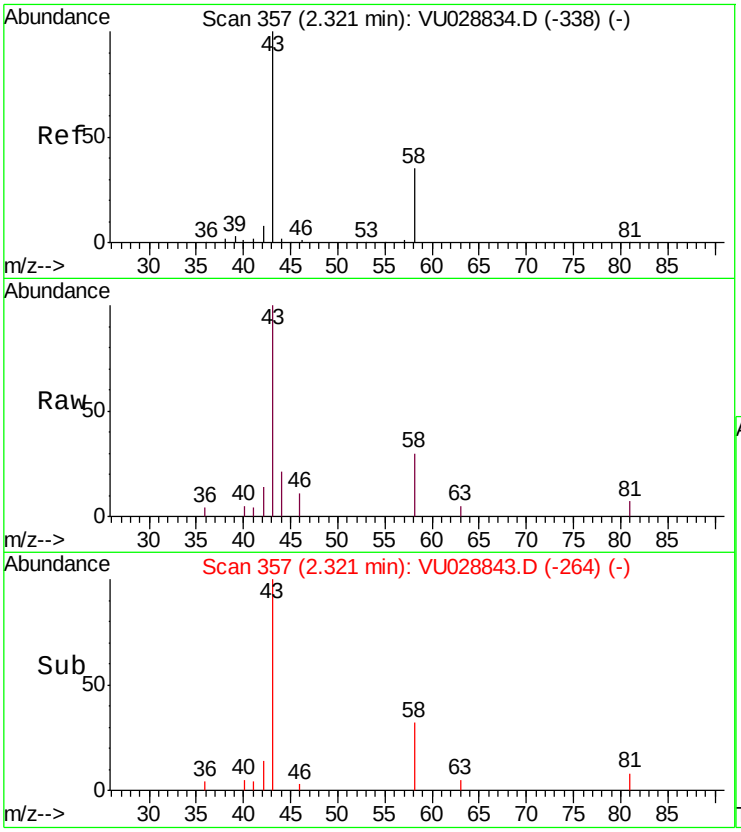


#12
1,1-Dichloroethene
Concen: 0.628 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 96 Resp: 789

Ion	Ratio	Lower	Upper
96	100		
61	1013.9	119.3	221.5#
63	9677.1	107.4	199.6#



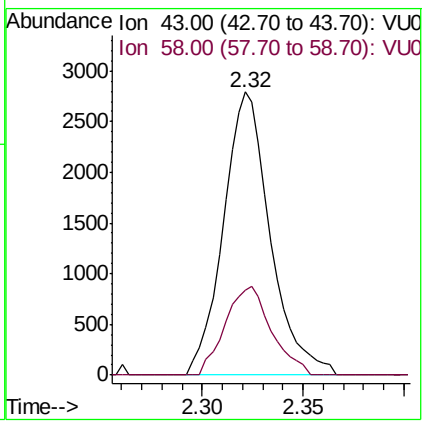


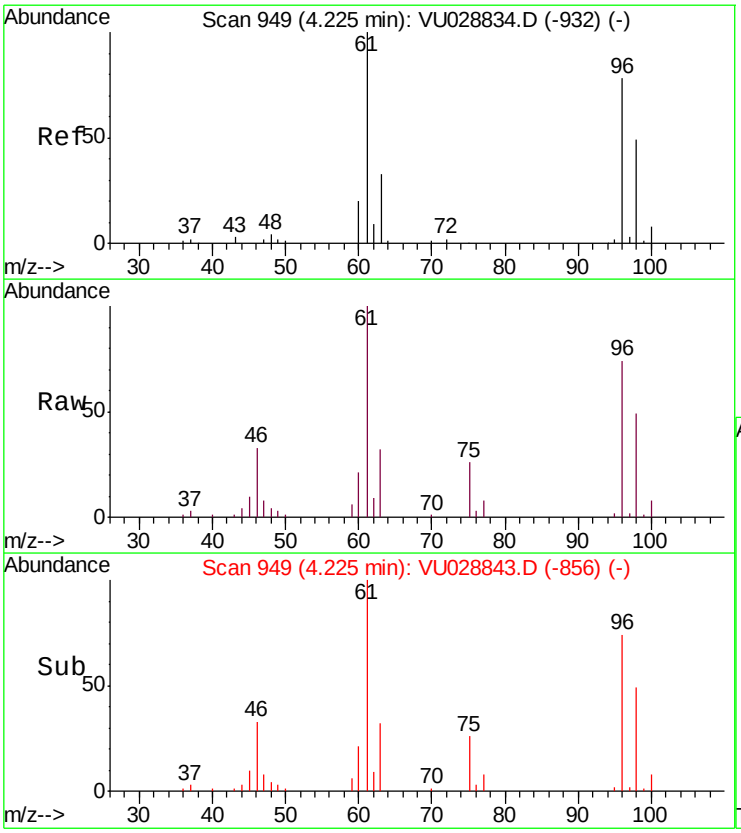
#13
Acetone
Concen: 4.034 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument : MSVOA_U
ClientSampleId : BF012

Tgt Ion: 43 Resp: 4523

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	70.2

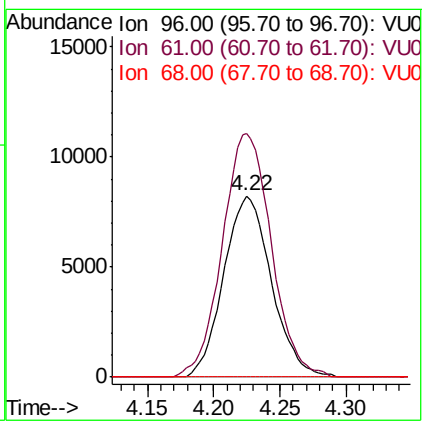


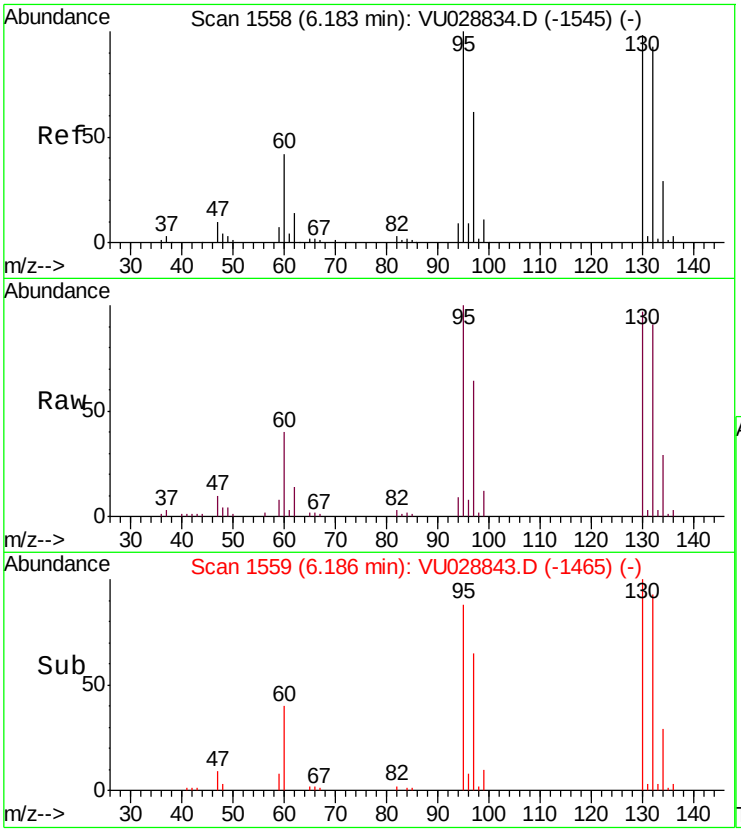


#20
cis-1,2-Dichloroethene
Concen: 13.317 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 96 Resp: 20527

Ion	Ratio	Lower	Upper
96	100		
61	134.3	92.1	171.1
68	0.0	0.0	0.0



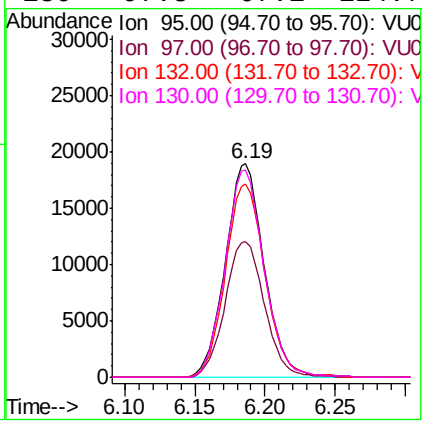


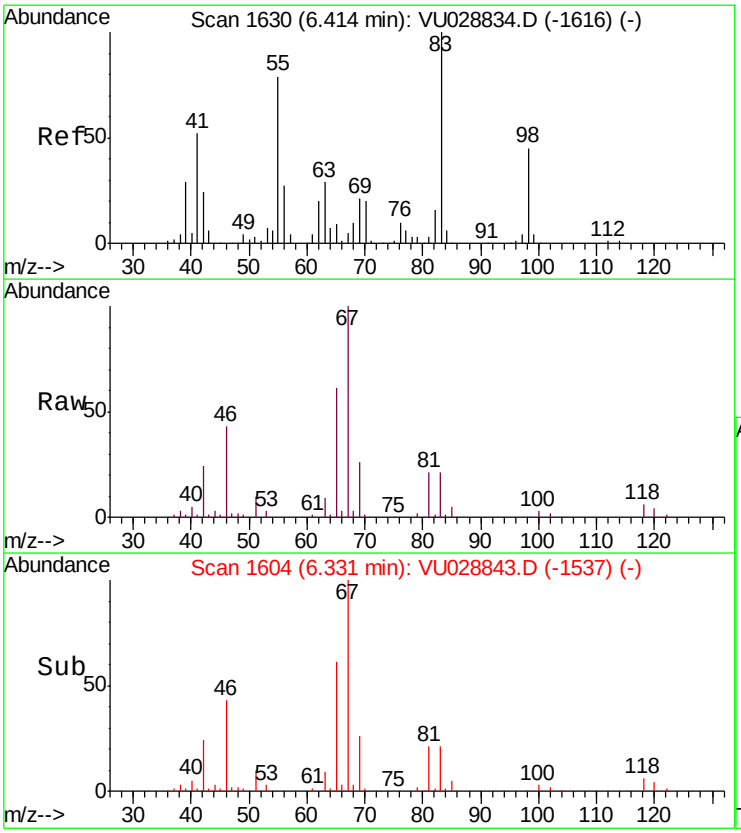
#34
Trichloroethene
Concen: 26.148 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
BF012

Tgt Ion: 95 Resp: 36462

Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.3	80.3
132	90.5	64.2	119.2
130	97.3	67.1	124.7

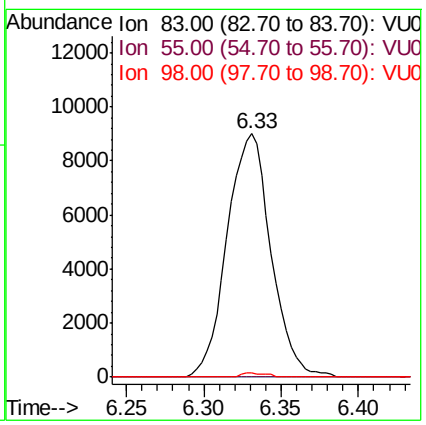


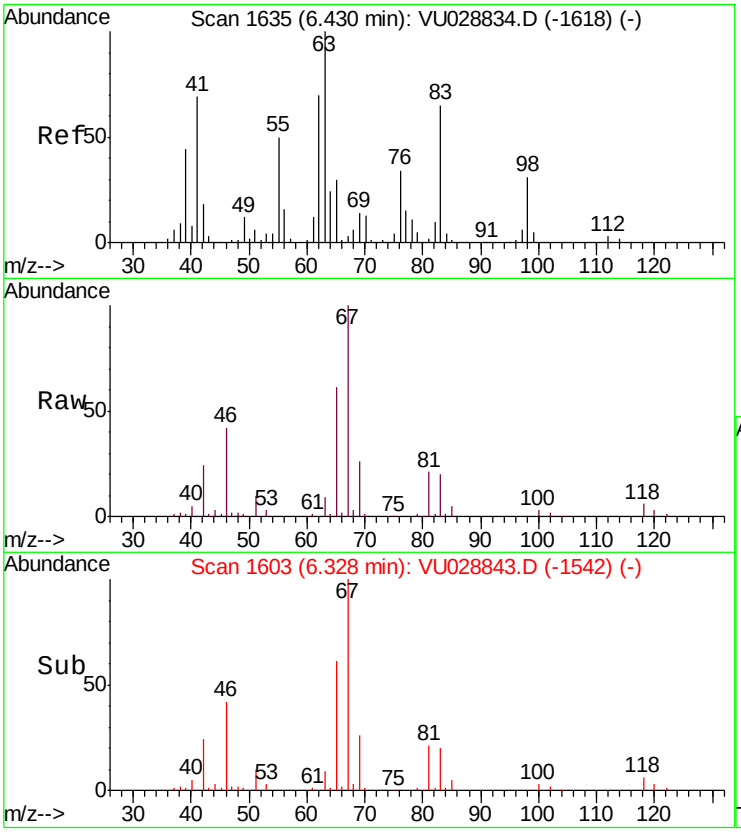


#35
Methylcyclohexane
Concen: 7.638 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 83 Resp: 17740

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.8	35.6	53.4#



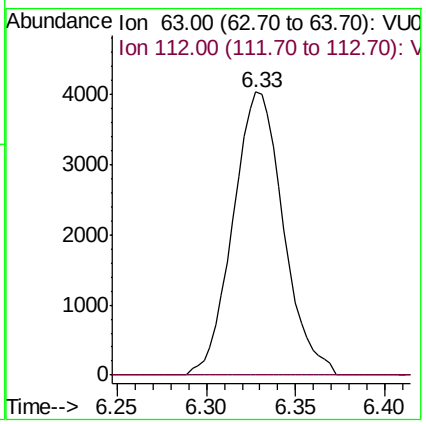


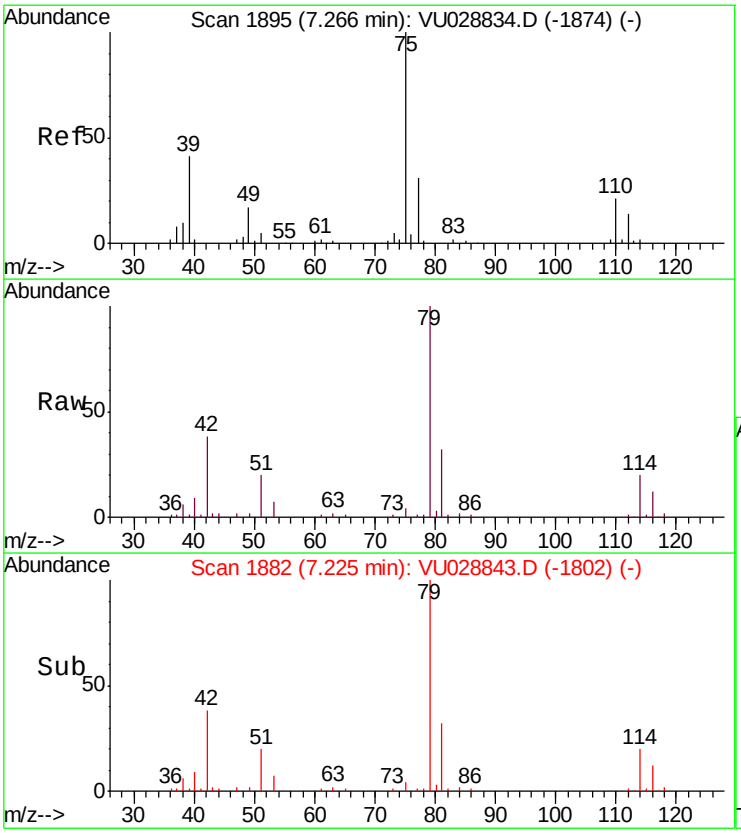
#37
1,2-Dichloropropane
Concen: 4.918 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument : MSVOA_U
ClientSampleId : BF012

Tgt Ion: 63 Resp: 7941

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

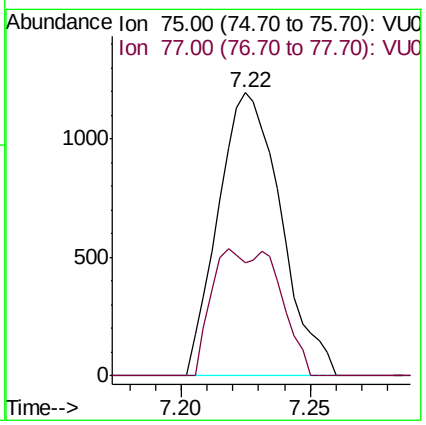


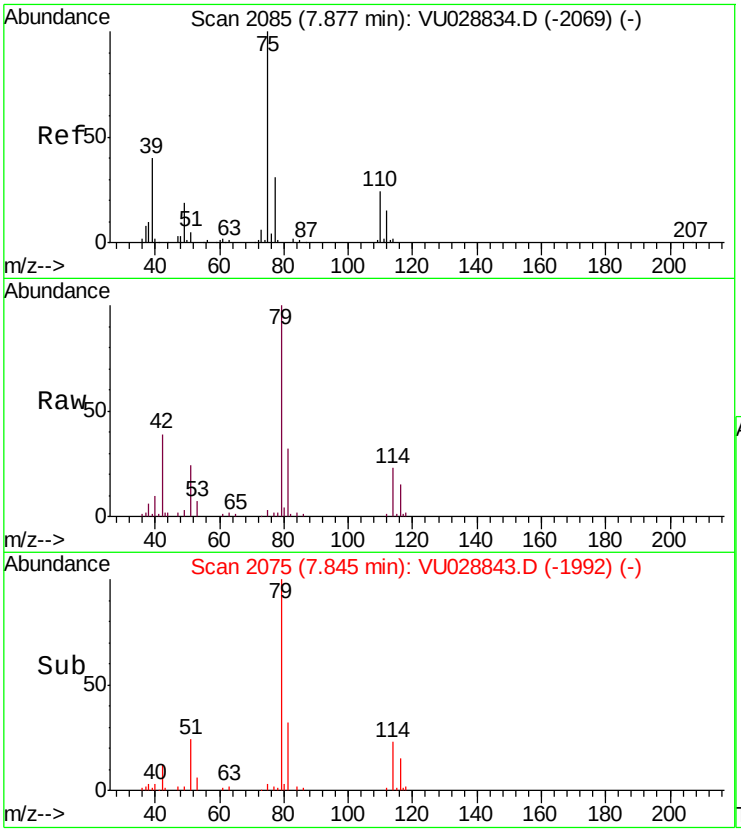


#39
cis-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 75 Resp: 2031

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.8	40.6



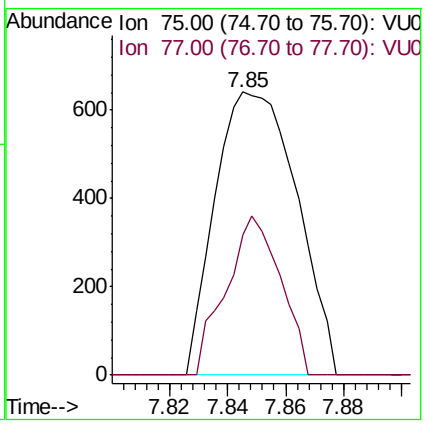


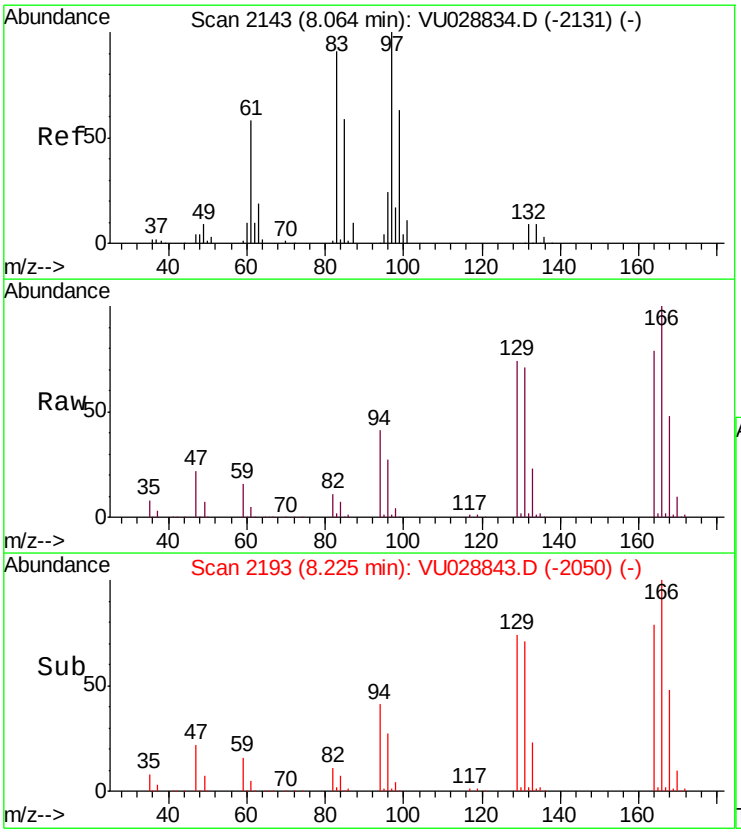
#44
trans-1,3-Dichloropropene
Concen: 0.611 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument : MSVOA_U
ClientSampleId : BF012

Tgt Ion: 75 Resp: 1253

Ion	Ratio	Lower	Upper
75	100		
77	49.5	21.8	40.6#

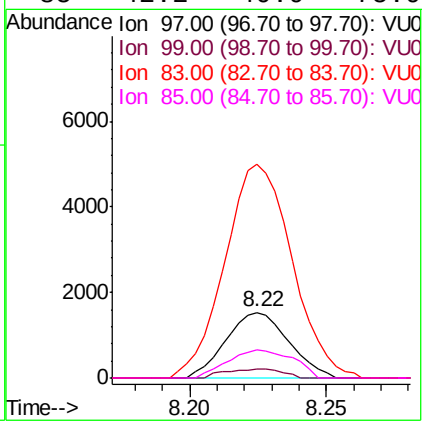


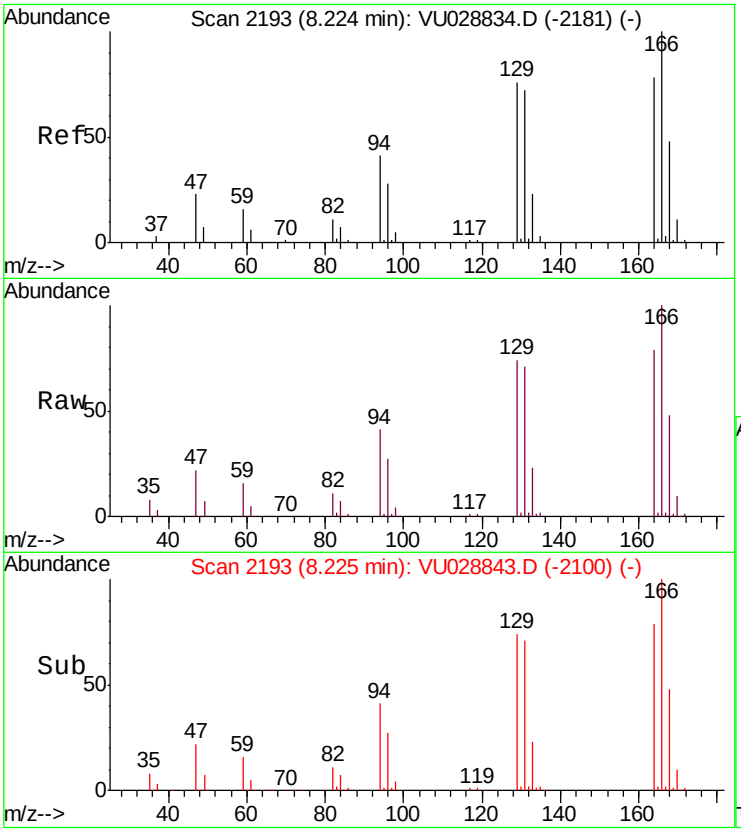


#45
1,1,2-Trichloroethane
Concen: 1.773 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.16 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 97 Resp: 2447

Ion	Ratio	Lower	Upper
97	100		
99	13.4	44.2	82.2#
83	326.1	64.5	119.9#
85	42.2	40.9	75.9



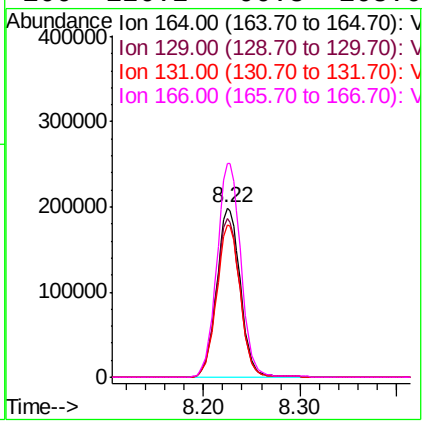


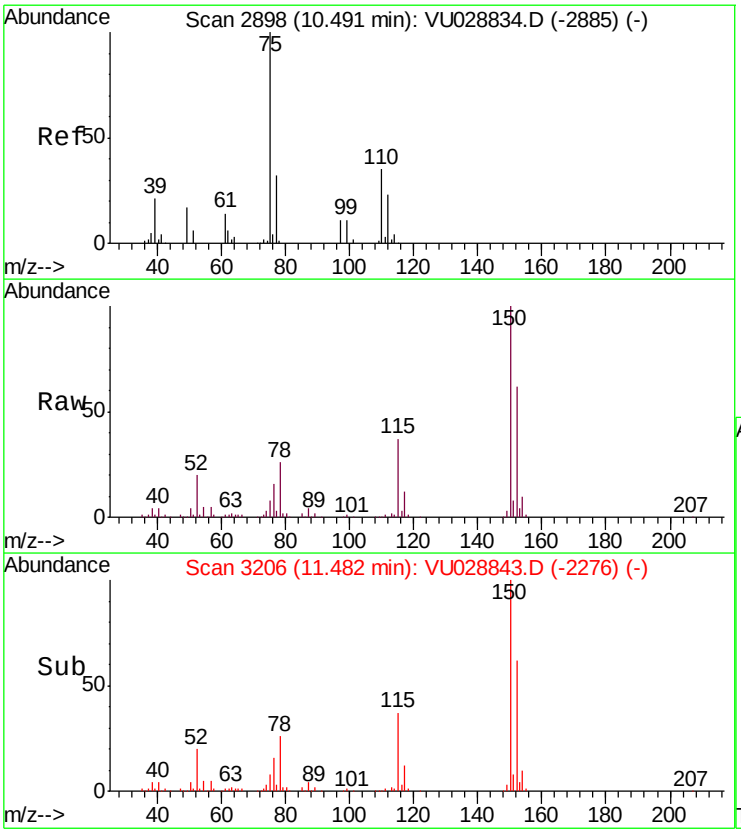
#46
Tetrachloroethene
Concen: 314.050 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Instrument : MSVOA_U
ClientSampleId : BF012

Tgt Ion:164 Resp: 337276

Ion	Ratio	Lower	Upper
164	100		
129	94.0	66.8	124.0
131	90.0	64.2	119.2
166	126.2	90.8	168.6





#59
1,2,3-Trichloropropane
Concen: 4.796 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028843.D
Acq: 20 Dec 2018 22:43

Tgt Ion: 75 Resp: 9241

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.5	38.3