Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028776.D
Acq On : 18 Dec 2018 17:47
Operator : MD/SY
Sample : J6422-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0LD7

Quant Time: Dec 19 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179183	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68671	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76125	45.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.98%			
7) Chloroethane-d5	1.67	69	58921	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.94%			
11) 1,1-Dichloroethene-d2	2.27	63	98085	33.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.48%			
21) 2-Butanone-d5	4.17	46	115997	86.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.31%			
24) Chloroform-d	4.65	84	117481	44.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.72%			
26) 1,2-Dichloroethane-d4	5.31	65	75577	43.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.56%			
32) Benzene-d6	5.34	84	259699	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
36) 1,2-Dichloropropane-d6	6.33	67	91086	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.52%			
41) Toluene-d8	7.57	98	230870	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
43) trans-1,3-Dichloropropene-	7.85	79	38552	44.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.32%			
47) 2-Hexanone-d5	8.31	63	91156	99.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117333	47.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.72%			
64) 1,2-Dichlorobenzene-d4	11.86	152	80269	57.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.22%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1199	1.053	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	803	0.645	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	2790	2.364	ug/L #	1
13) Acetone	2.32	43	1363	0.907	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	2974	1.916	ug/L	77
27) 1,2-Dichloroethane	5.33	62	1378	0.624	ug/L #	76
34) Trichloroethene	6.19	95	33560	23.047	ug/L	93
35) Methylcyclohexane	6.33	83	18757	7.640	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8579	4.787	ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	1767	0.695	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1448	0.617	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	8601	4.247	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028776.D
Acq On : 18 Dec 2018 17:47
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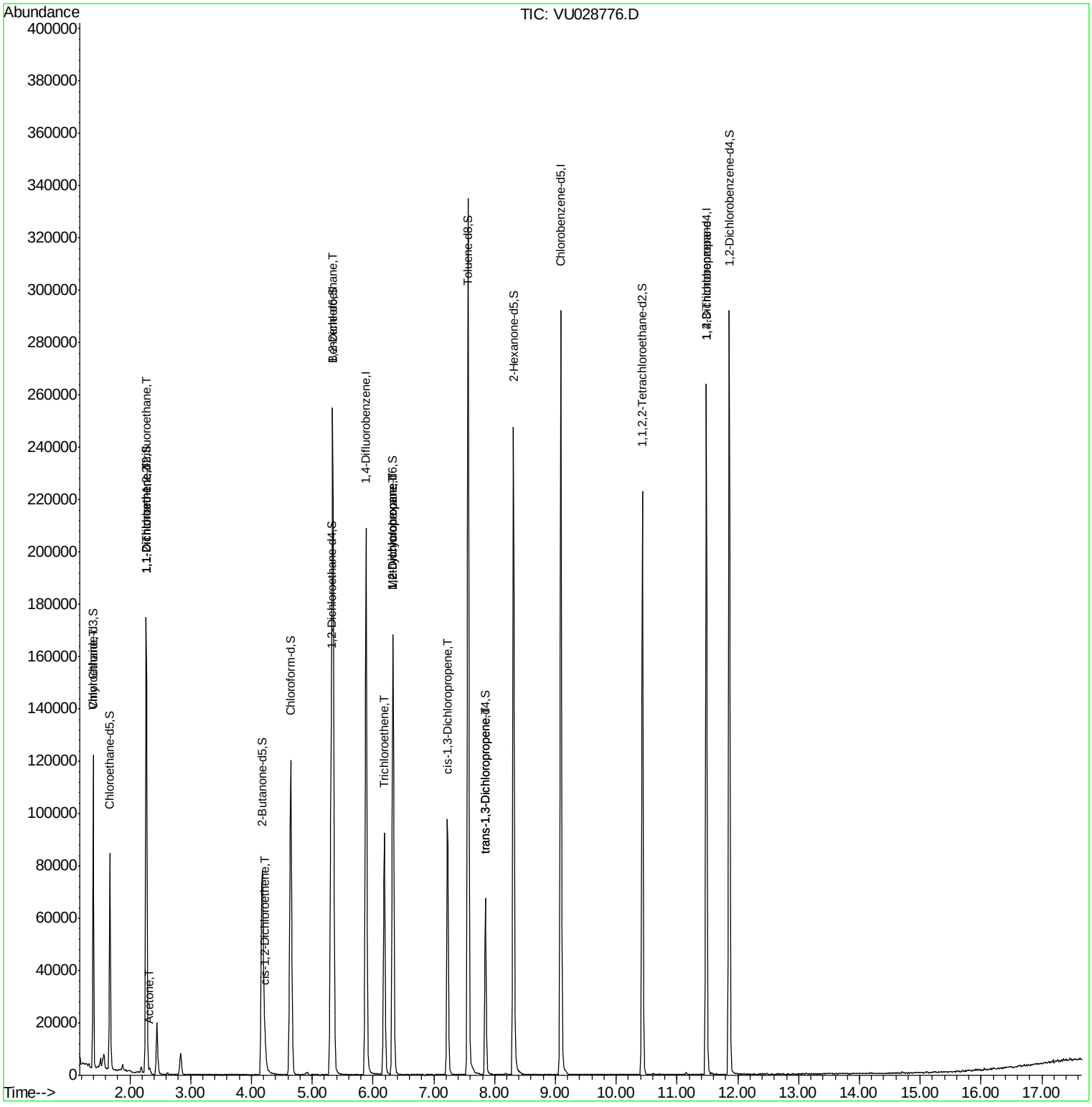
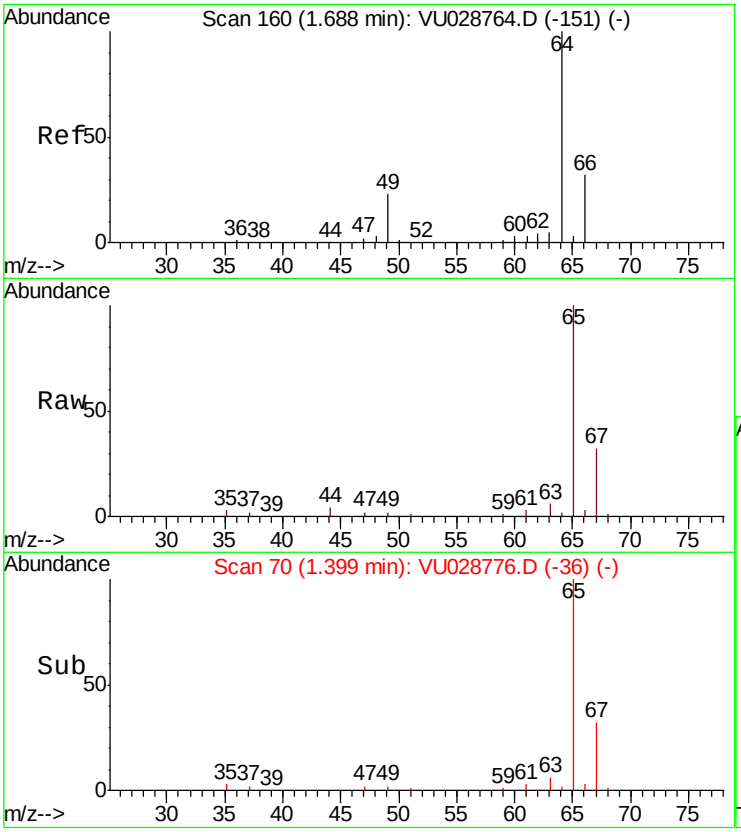
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Quant Time: Dec 19 00:43:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration



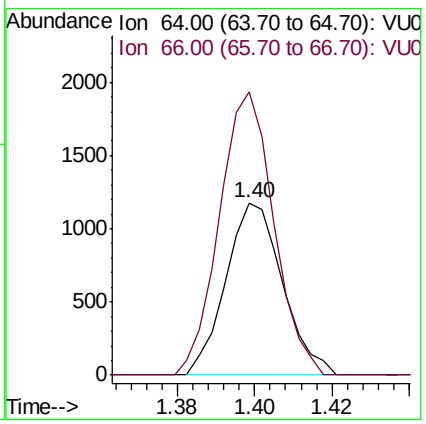


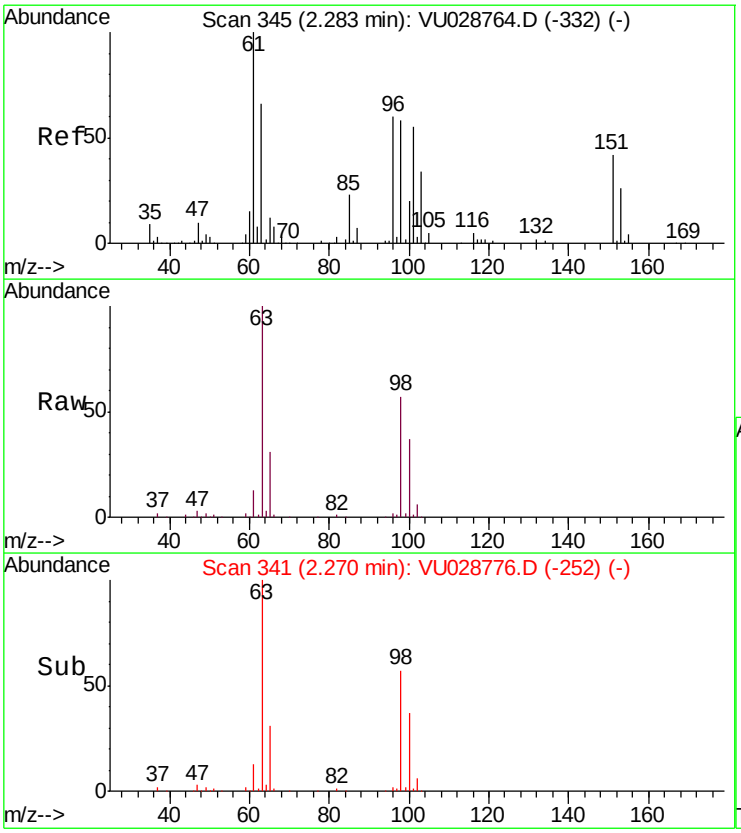
#8
Chloroethane
Concen: 1.053 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Tgt Ion: 64 Resp: 1199

Ion	Ratio	Lower	Upper
64	100		
66	164.0	22.4	41.6#

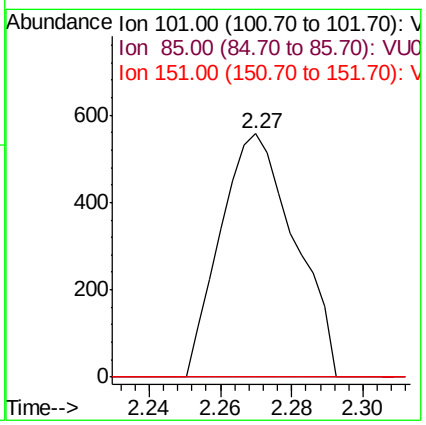


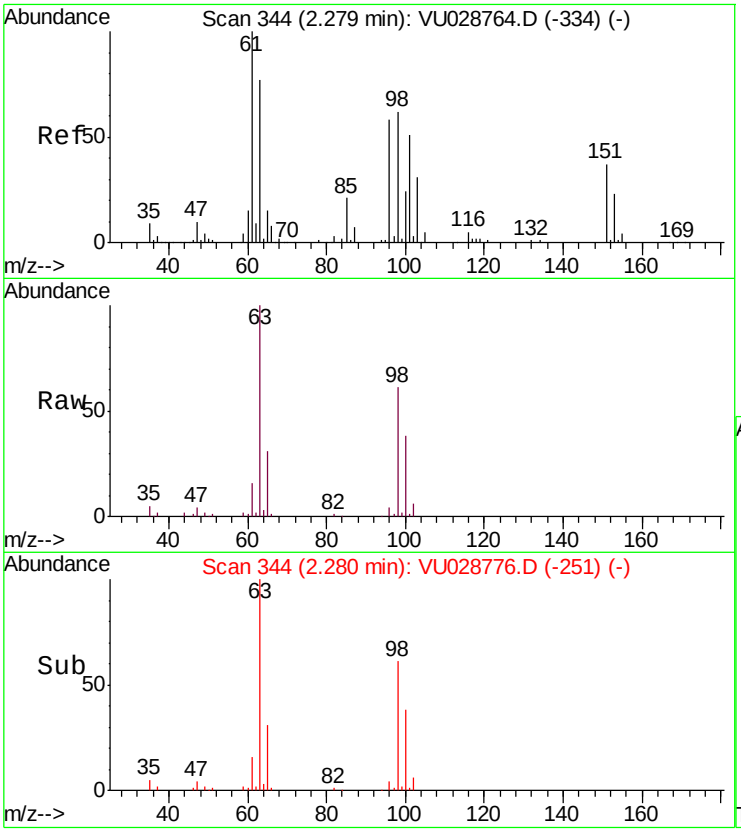


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.645 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion:101 Resp: 803

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



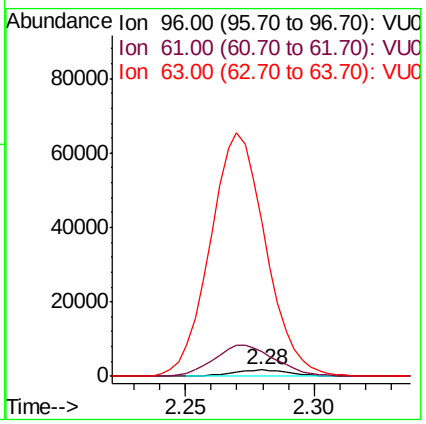


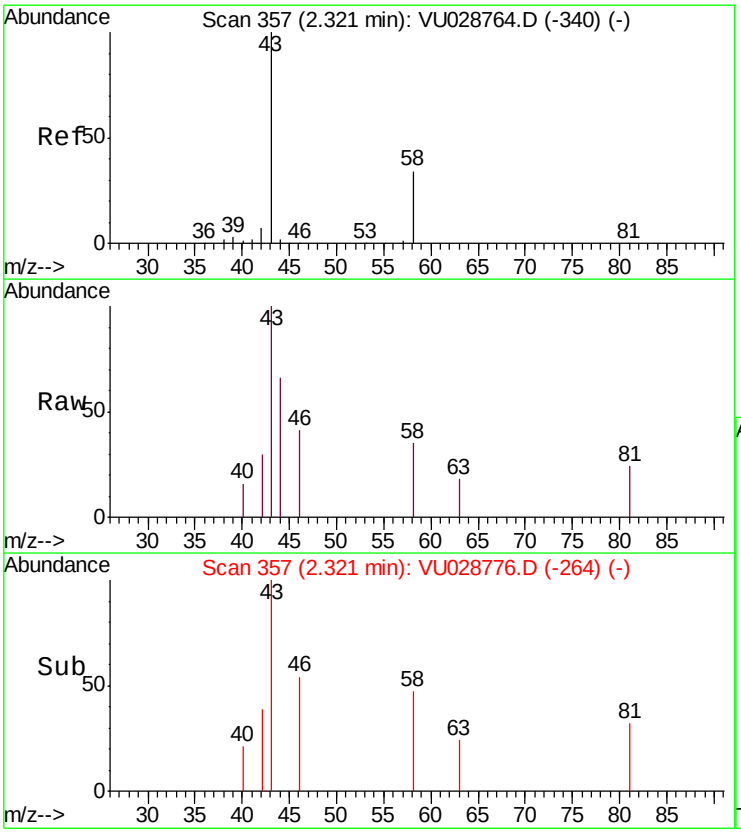
#12
1,1-Dichloroethene
Concen: 2.364 ug/L
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Tgt Ion: 96 Resp: 2790

Ion	Ratio	Lower	Upper
96	100		
61	384.5	143.2	266.0#
63	2409.3	130.1	241.7#

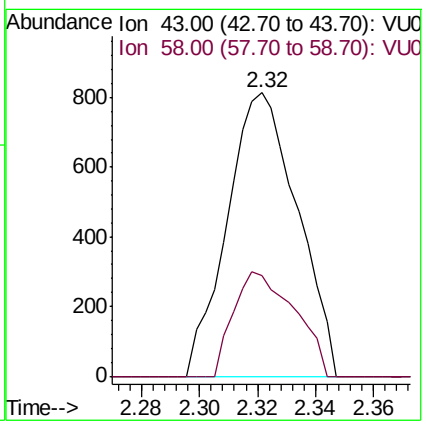


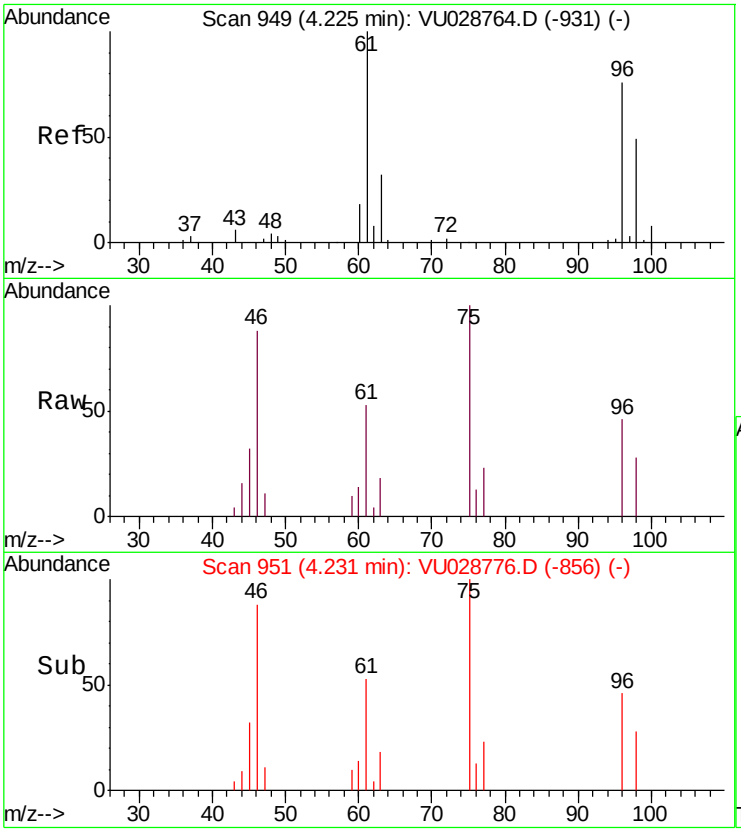


#13
Acetone
Concen: 0.907 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion: 43 Resp: 1363

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	62.0



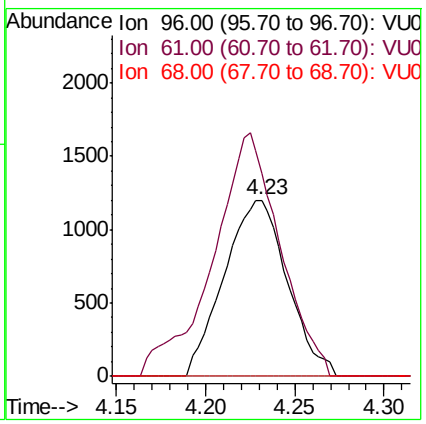


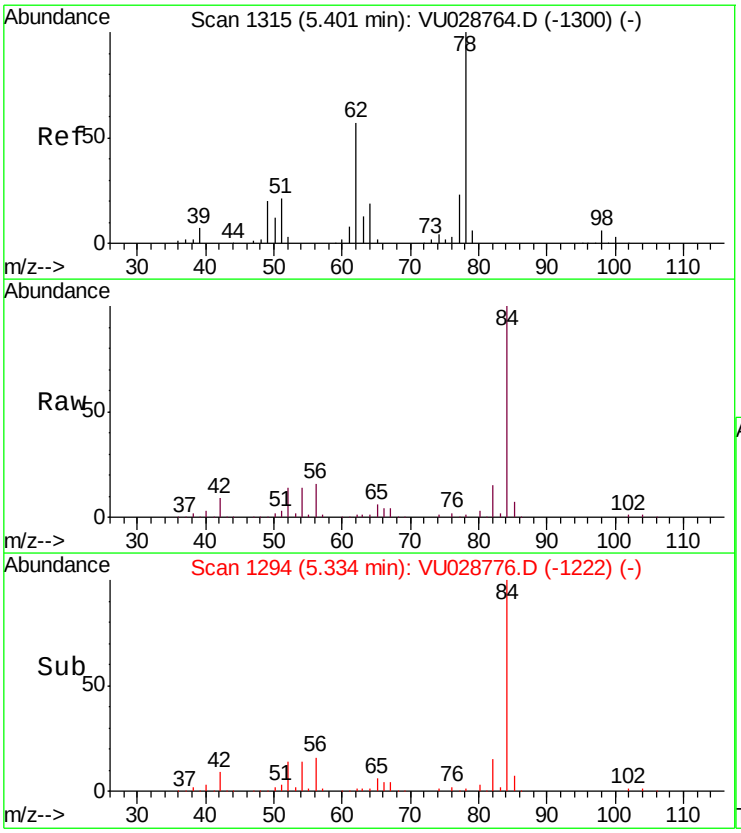
#20
cis-1,2-Dichloroethene
Concen: 1.916 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.01 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Tgt Ion: 96 Resp: 2974

Ion	Ratio	Lower	Upper
96	100		
61	114.8	100.1	185.9
68	0.0	0.0	0.0

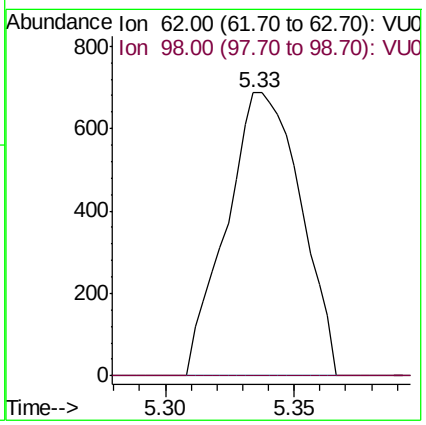


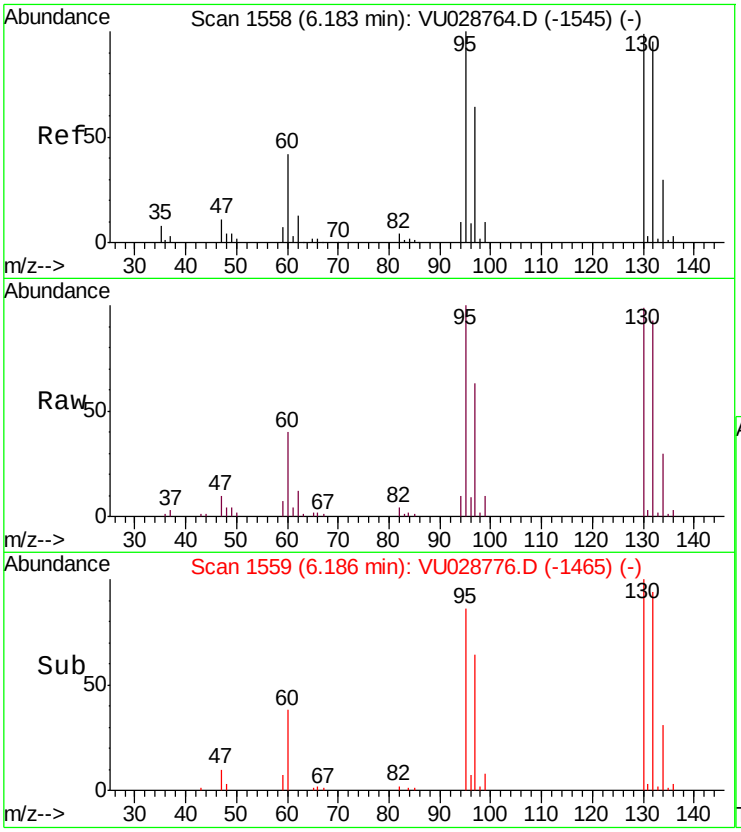


#27
1,2-Dichloroethane
Concen: 0.624 ug/L
RT: 5.33 min Scan# 1294
Delta R.T. -0.07 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion: 62 Resp: 1378

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



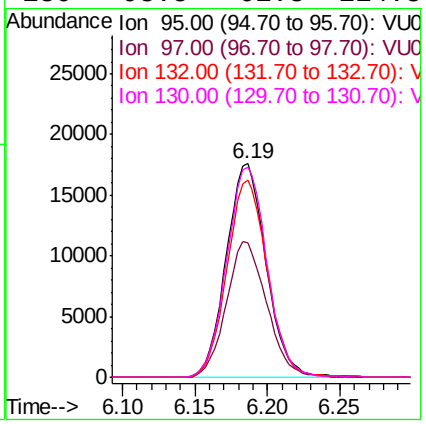


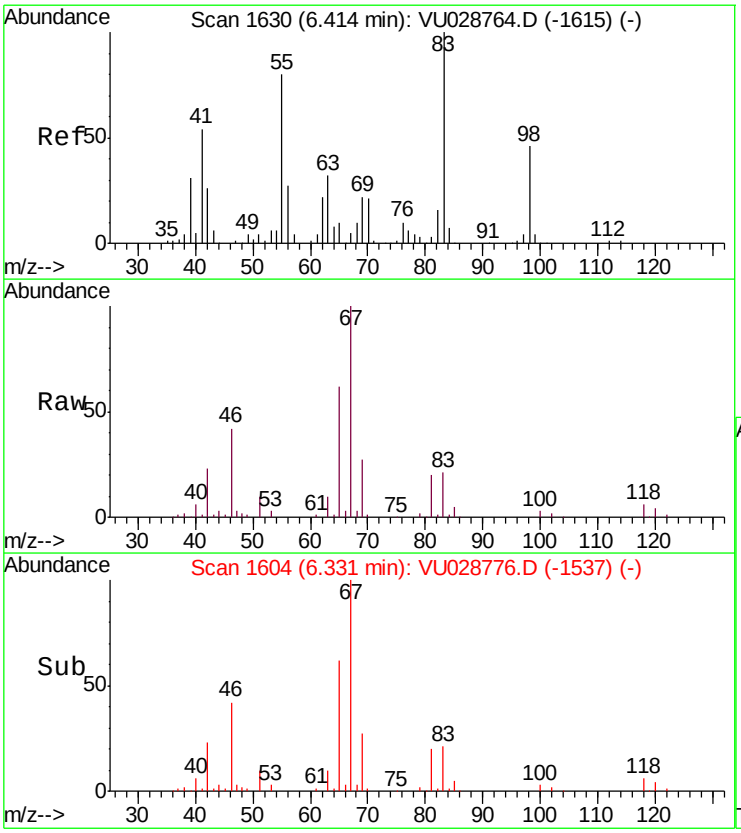
#34
Trichloroethene
Concen: 23.047 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Tgt Ion: 95 Resp: 33560

Ion	Ratio	Lower	Upper
95	100		
97	62.8	43.5	80.9
132	92.5	59.6	110.6
130	98.5	61.8	114.8

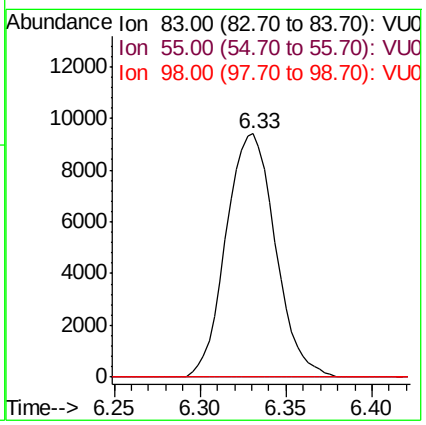


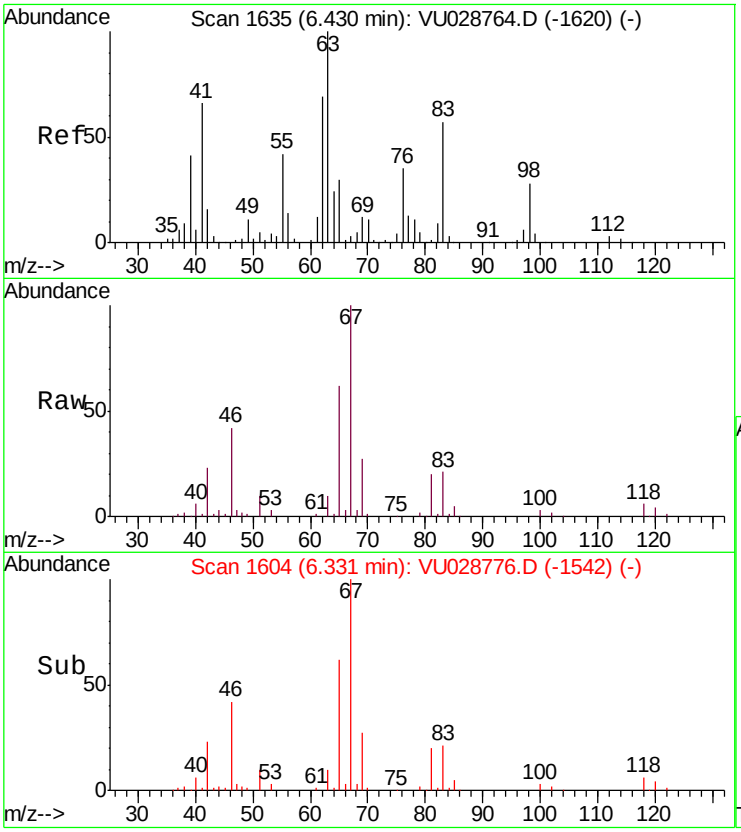


#35
Methylcyclohexane
Concen: 7.640 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion: 83 Resp: 18757

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



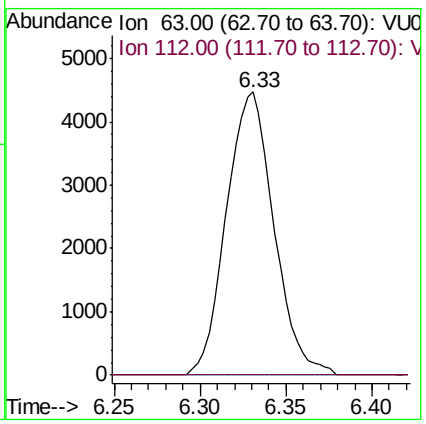


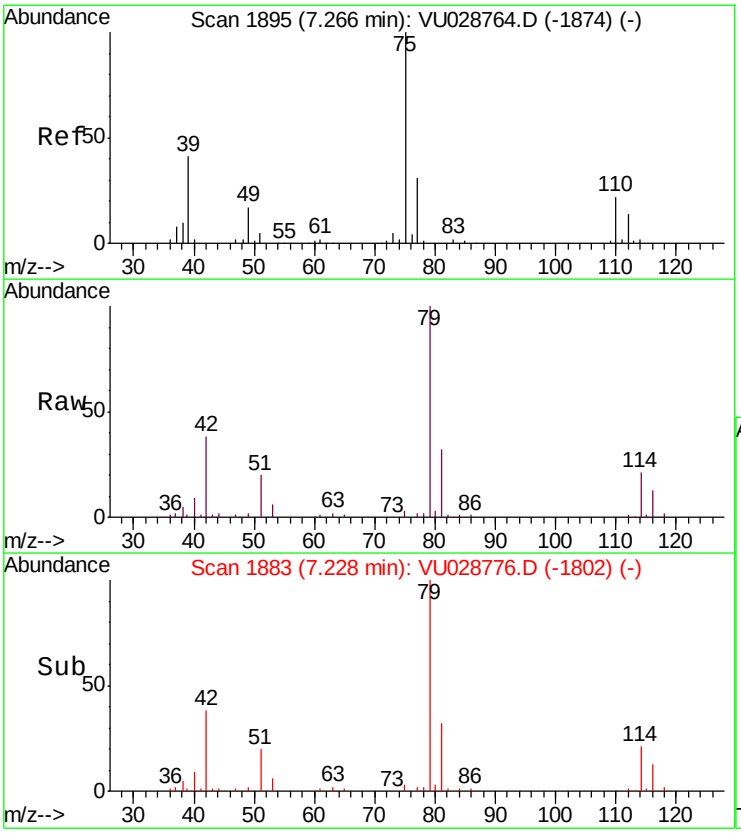
#37
1,2-Dichloropropane
Concen: 4.787 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument : MSVOA_U
ClientSampleId : C0LD7

Tgt Ion: 63 Resp: 8579

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.4	3.6#

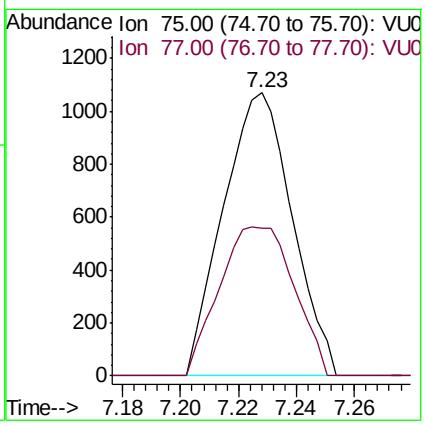


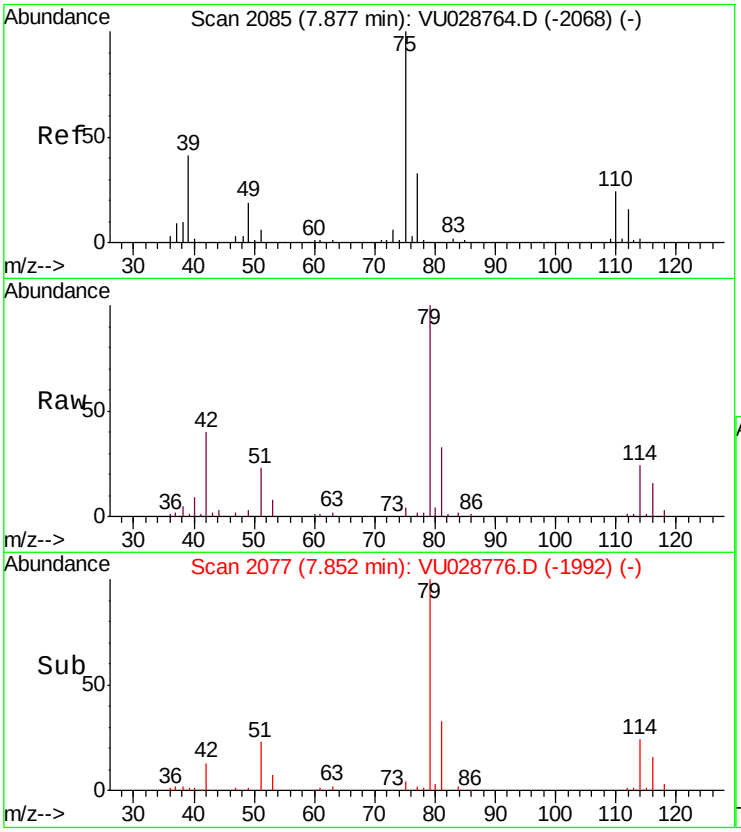


#39
cis-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion: 75 Resp: 1767

Ion	Ratio	Lower	Upper
75	100		
77	52.1	21.8	40.6#



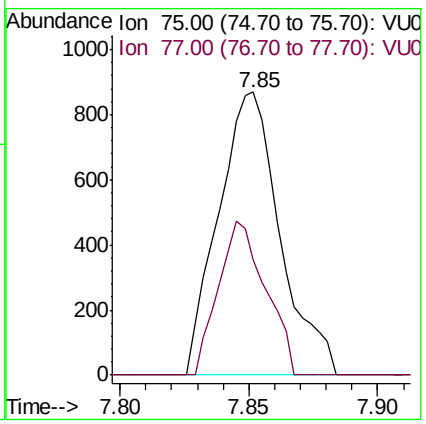


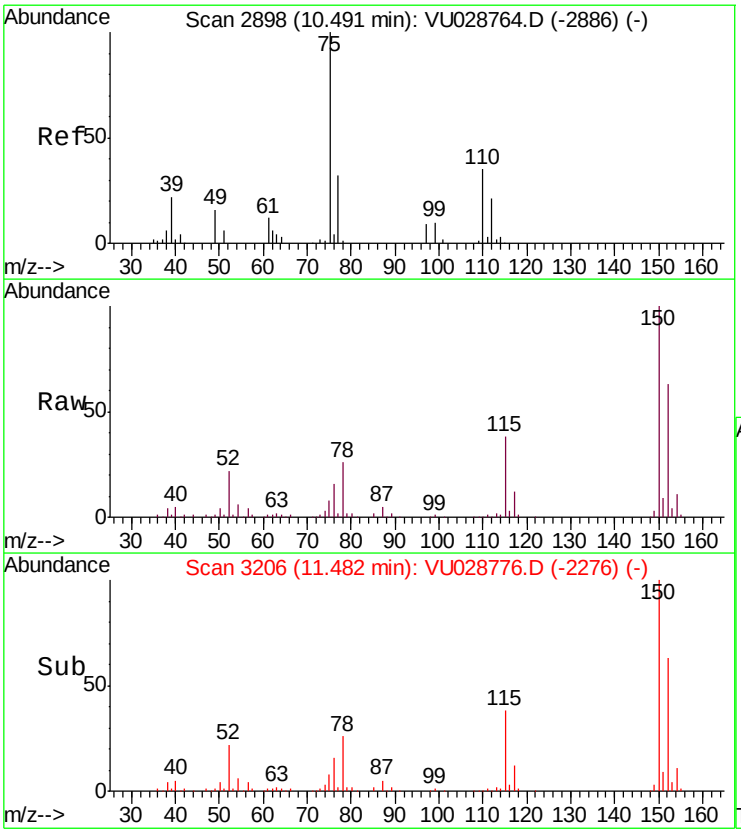
#44
trans-1,3-Dichloropropene
Concen: 0.617 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Instrument :
MSVOA_U
ClientSampleId :
C0LD7

Tgt Ion: 75 Resp: 1448

Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.8	40.6#





#59
1,2,3-Trichloropropane
Concen: 4.247 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028776.D
Acq: 18 Dec 2018 17:47

Tgt Ion: 75 Resp: 8601

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.2