Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101518\
Data File : VU027656.D
Acq On : 15 Oct 2018 10:50
Operator : MD/SY
Sample : J5403-12DL 4X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0901DL

Quant Time: Oct 16 07:47:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 16 07:44:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	158806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59629	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65875	52.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.42%			
7) Chloroethane-d5	1.68	69	57474	59.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.38%			
11) 1,1-Dichloroethene-d2	2.27	63	98619	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.14%			
21) 2-Butanone-d5	4.18	46	141538	140.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 140.29%#			
24) Chloroform-d	4.65	84	127403	63.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.48%#			
26) 1,2-Dichloroethane-d4	5.31	65	92055	65.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.44%#			
32) Benzene-d6	5.34	84	256885	60.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.76%			
36) 1,2-Dichloropropane-d6	6.33	67	92024	63.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 127.34%#			
41) Toluene-d8	7.57	98	210649	55.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.70%			
43) trans-1,3-Dichloropropene-	7.85	79	39382	56.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.10%			
47) 2-Hexanone-d5	8.31	63	95761	131.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.19%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121287	64.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 128.34%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	73845	63.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.60%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	801	0.762	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	739	0.720	ug/L #	1
13) Acetone	2.33	43	981	1.185	ug/L	75
25) Chloroform	4.67	83	5556	2.452	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	1567	0.820	ug/L #	80
46) Tetrachloroethene	8.23	164	52195	60.360	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	7999	5.040	ug/L	91

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

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C0901DL

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Quant Title : VOC Analysis
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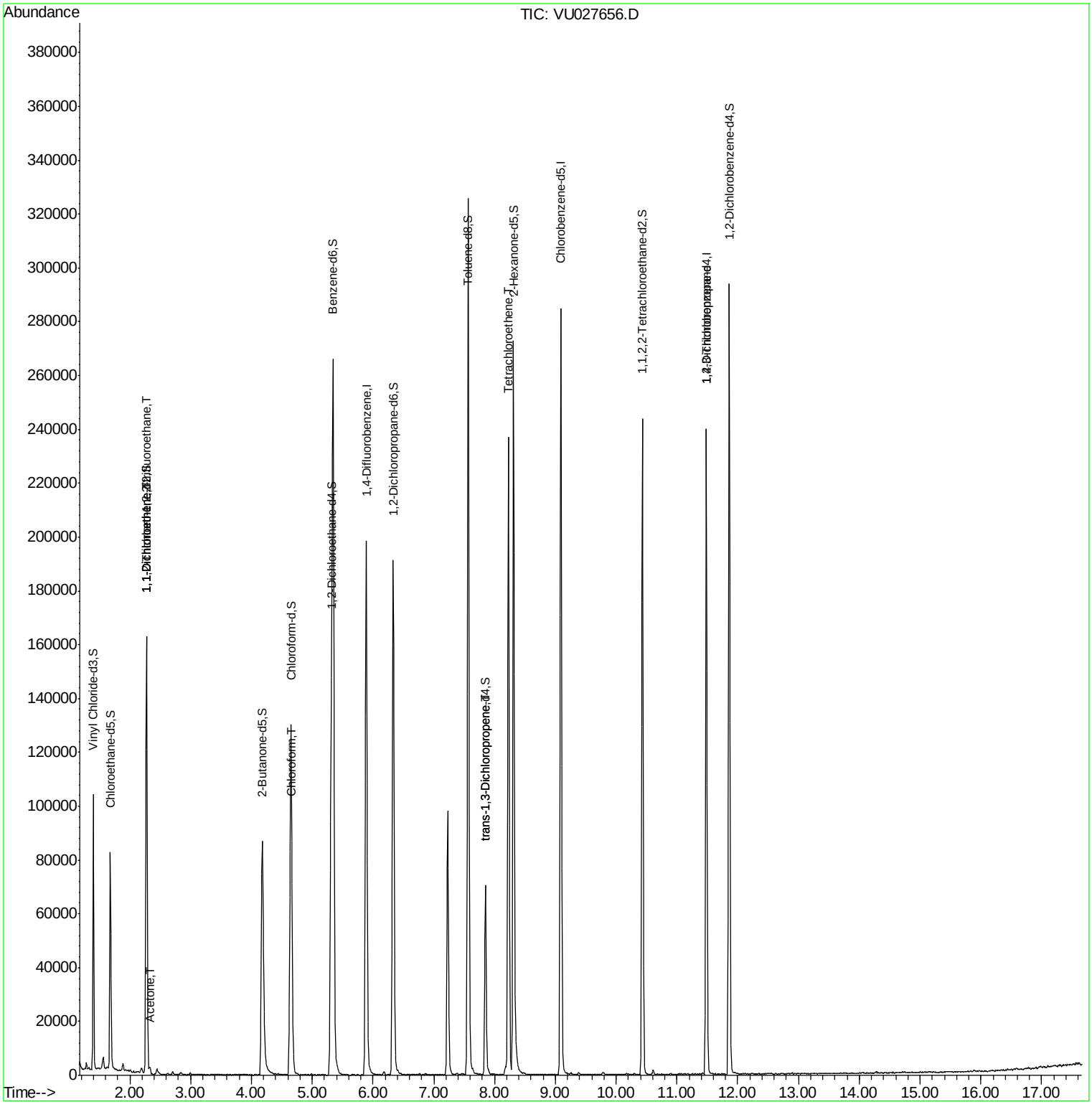
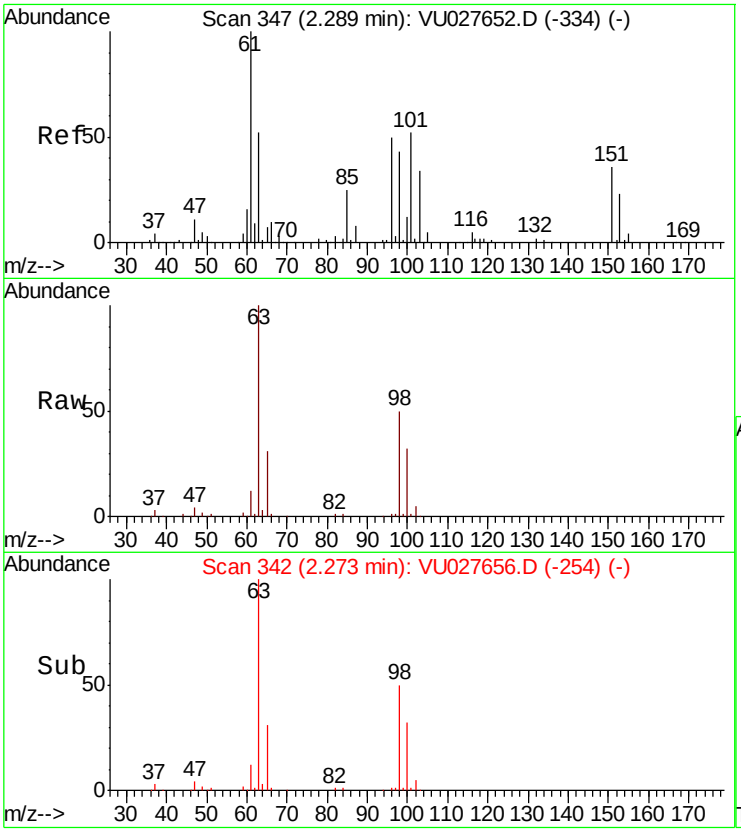


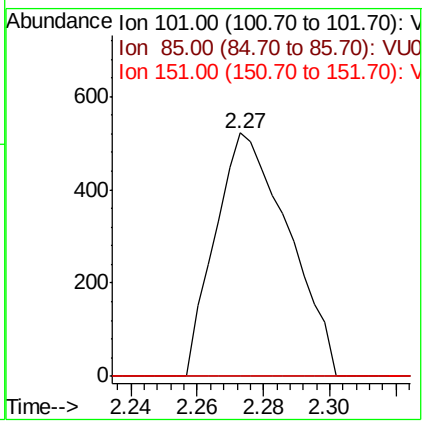


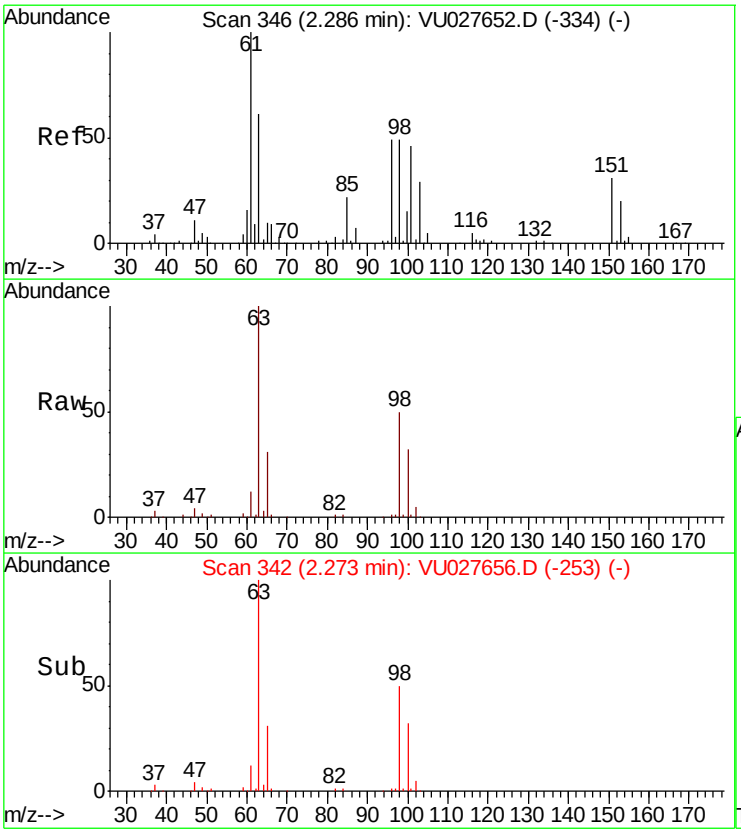
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.762 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Instrument : MSVOA_U
ClientSampleId : C0901DL

Tgt Ion:101 Resp: 801

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	55.7	83.5#

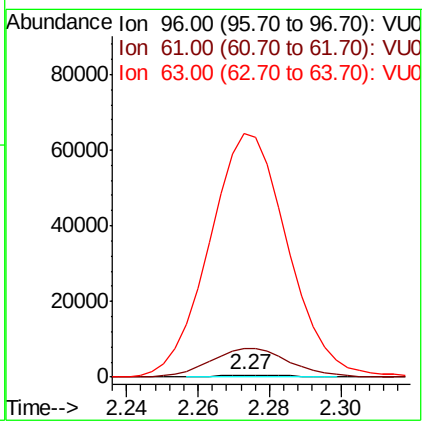


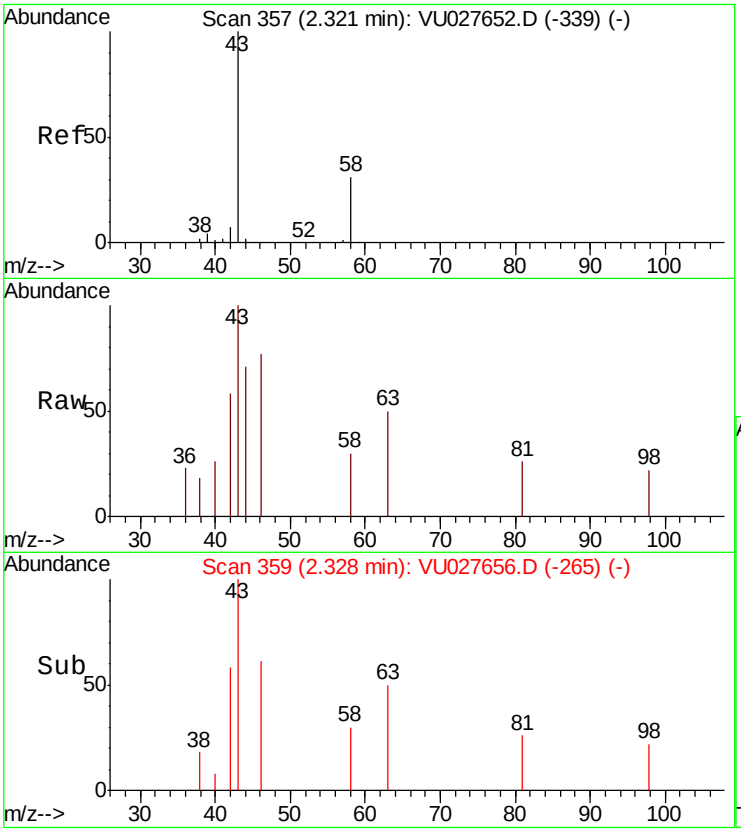


#12
1,1-Dichloroethene
Concen: 0.720 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Tgt Ion: 96 Resp: 739

Ion	Ratio	Lower	Upper
96	100		
61	1631.5	135.2	251.0#
63	13809.4	94.3	175.1#



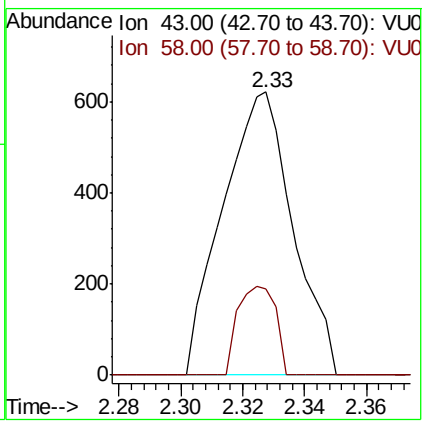


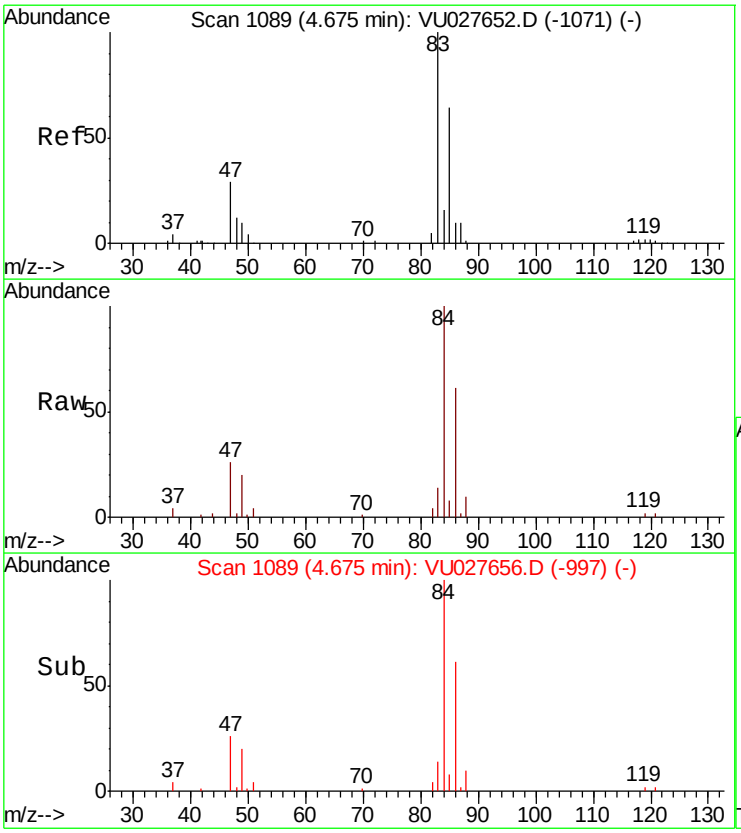
#13
Acetone
Concen: 1.185 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.00 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Instrument : MSVOA_U
ClientSampleId : C0901DL

Tgt Ion: 43 Resp: 981

Ion	Ratio	Lower	Upper
43	100		
58	16.7	0.0	60.8

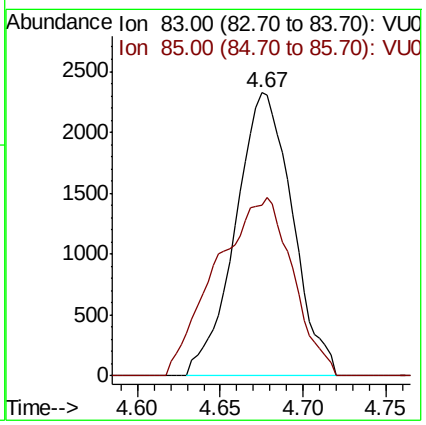


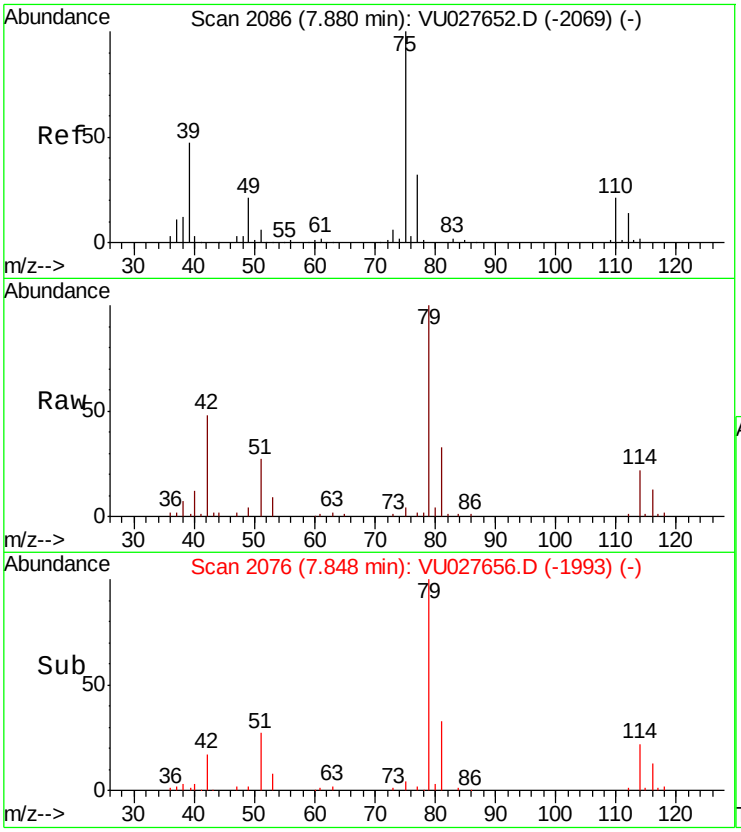


#25
Chloroform
Concen: 2.452 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Tgt Ion: 83 Resp: 5556

Ion	Ratio	Lower	Upper
83	100		
85	60.4	45.0	83.6



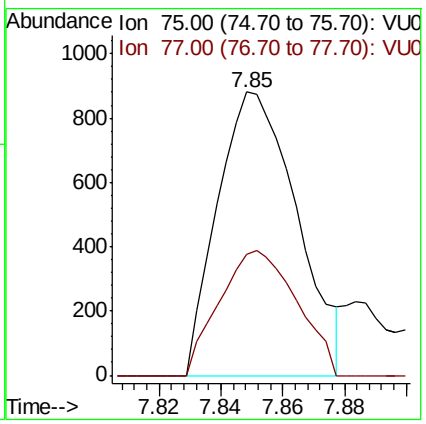


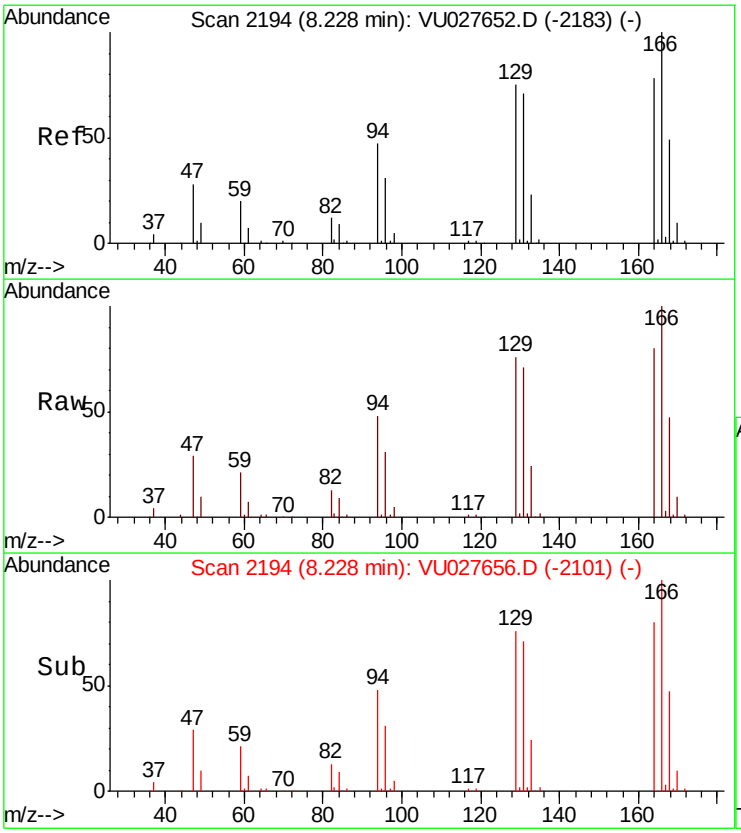
#44
trans-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Instrument : MSVOA_U
ClientSampleId : C0901DL

Tgt Ion: 75 Resp: 1567

Ion	Ratio	Lower	Upper
75	100		
77	42.6	22.2	41.2#

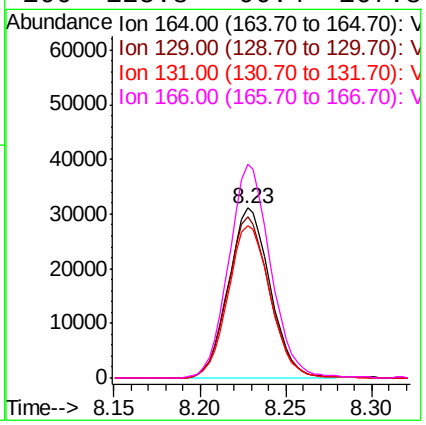


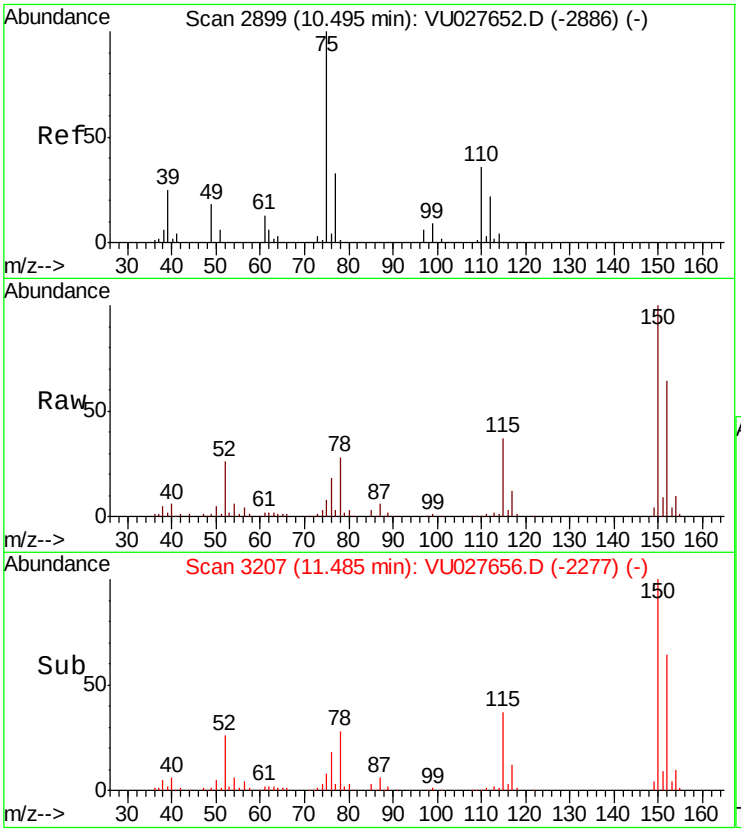


#46
Tetrachloroethene
Concen: 60.360 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Tgt Ion:164 Resp: 52195

Ion	Ratio	Lower	Upper
164	100		
129	95.0	67.0	124.4
131	89.8	65.1	120.9
166	125.8	90.4	167.8





#59
1,2,3-Trichloropropane
Concen: 5.040 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027656.D
Acq: 15 Oct 2018 10:50

Instrument :
MSVOA_U
ClientSampleId :
C0901DL

Tgt Ion: 75 Resp: 7999

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5