Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026848.D
Acq On : 18 Sep 2018 09:49
Operator : MD/SY
Sample : J4896-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08T5

Quant Time: Sep 19 05:06:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	208682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81469	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83026	53.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.56%			
7) Chloroethane-d5	1.68	69	75213	56.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.84%			
11) 1,1-Dichloroethene-d2	2.27	63	122747	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.04%			
21) 2-Butanone-d5	4.18	46	133246	130.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 130.07%#			
24) Chloroform-d	4.65	84	164421	57.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.84%			
26) 1,2-Dichloroethane-d4	5.31	65	107909	59.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.70%			
32) Benzene-d6	5.34	84	335137	59.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.88%			
36) 1,2-Dichloropropane-d6	6.33	67	109764	60.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.84%#			
41) Toluene-d8	7.57	98	286602	56.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.52%			
43) trans-1,3-Dichloropropene-	7.85	79	46358	57.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.30%			
47) 2-Hexanone-d5	8.31	63	93321	130.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 130.70%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146271	57.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	111167	65.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.18%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1187	0.824	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	1005	0.743	ug/L #	1
13) Acetone	2.32	43	5350	5.313	ug/L	96
33) Benzene	5.34	78	2822	0.452	ug/L	100
37) 1,2-Dichloropropane	6.33	63	11665	6.808	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2562	1.058	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1808	0.798	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	9487	4.622	ug/L	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026848.D
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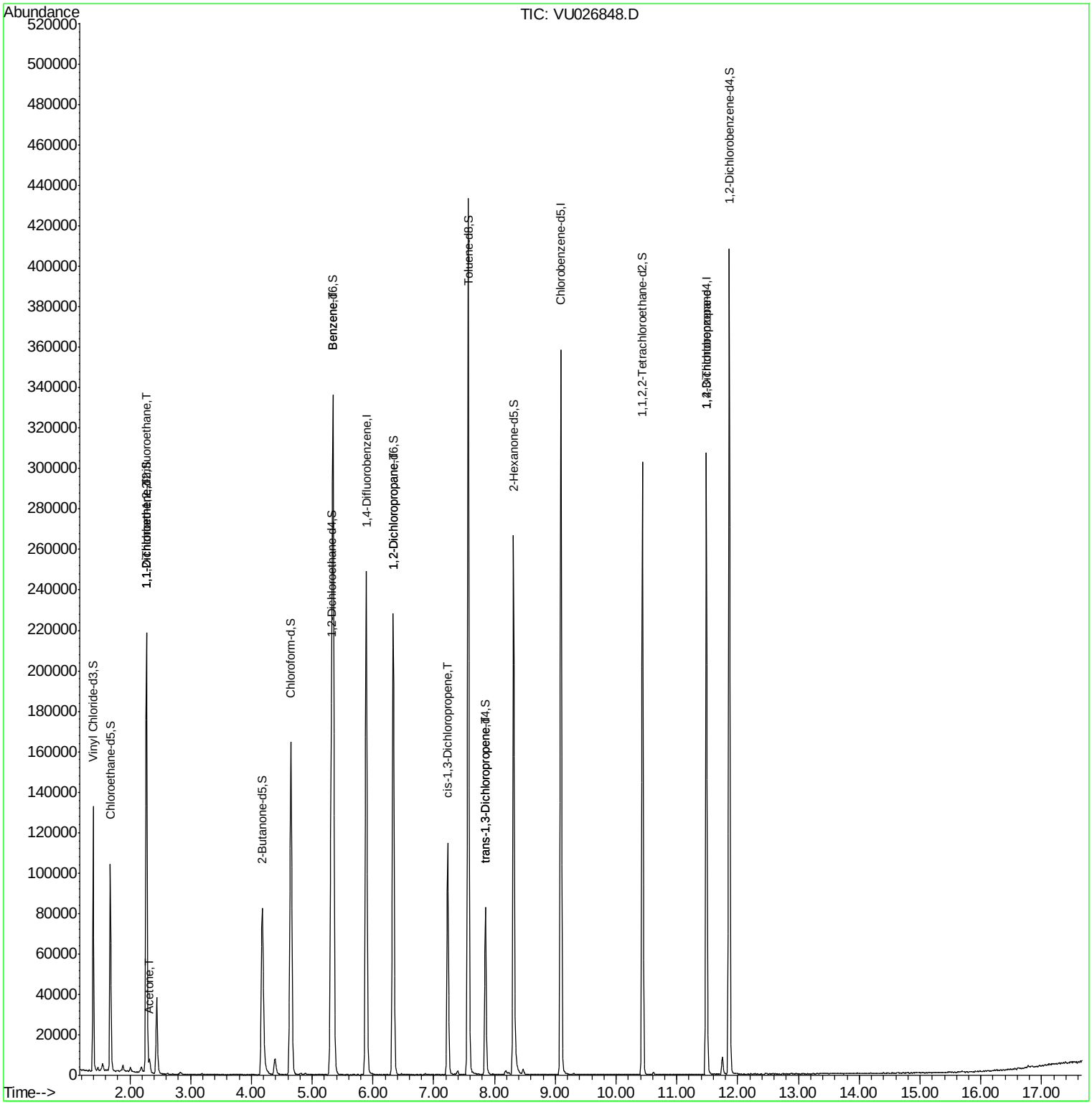
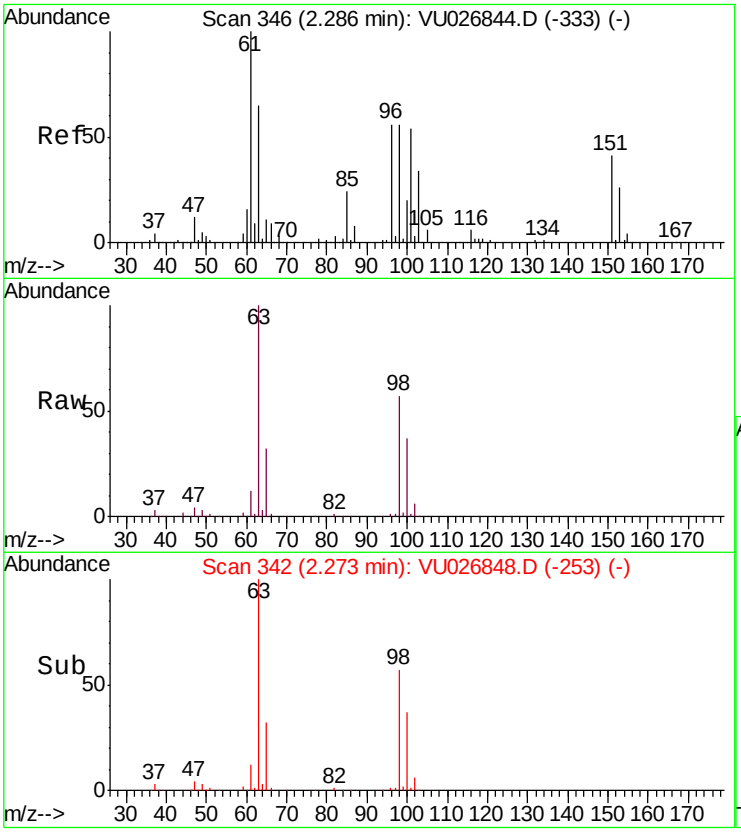
Operator : MD/SY
Sample : J4896-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08T5

Quant Time: Sep 19 05:06:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration



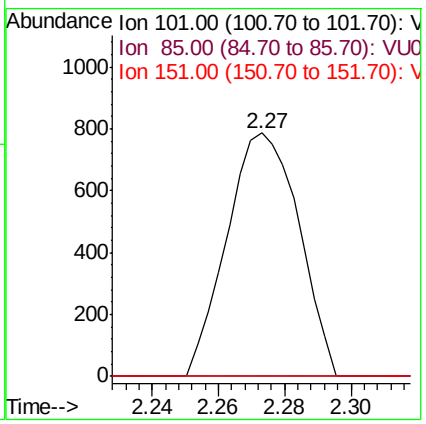


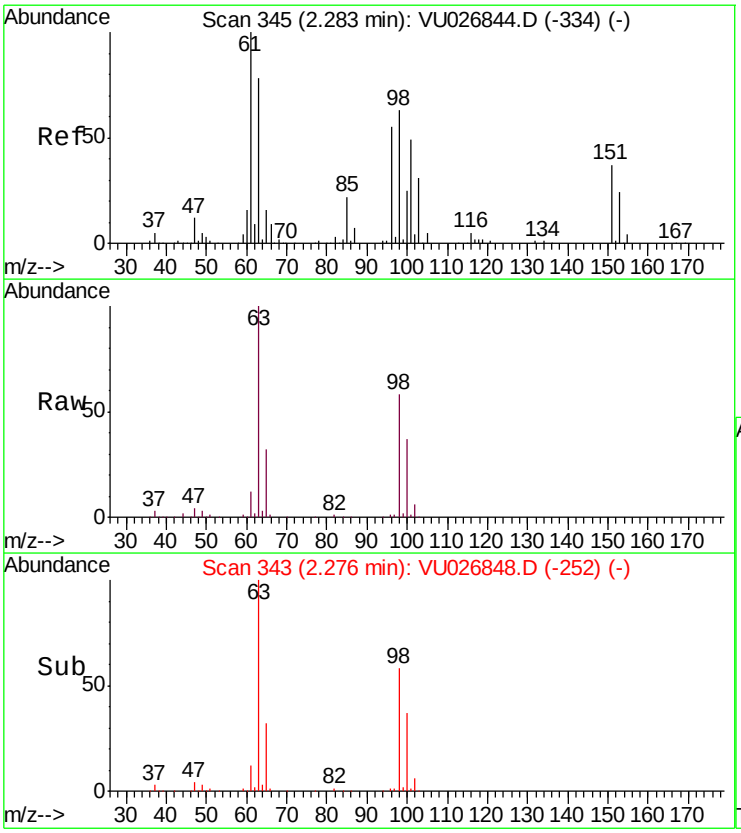
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.824 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Instrument : MSVOA_U
ClientSampleId : C08T5

Tgt Ion:101 Resp: 1187

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.0	94.4#

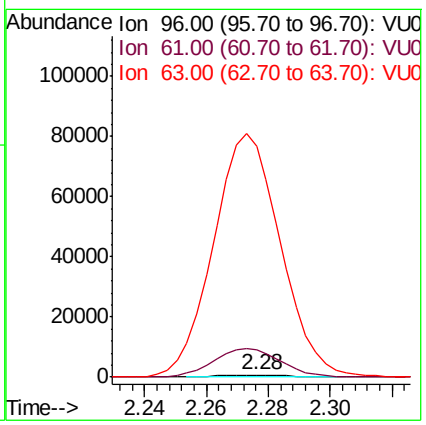


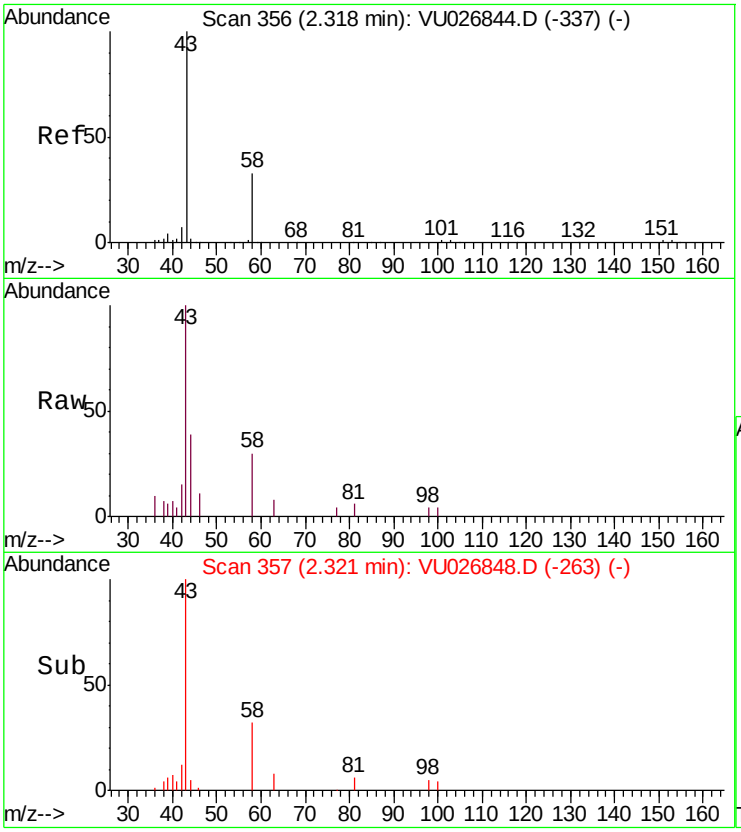


#12
1,1-Dichloroethene
Concen: 0.743 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Tgt Ion: 96 Resp: 1005

Ion	Ratio	Lower	Upper
96	100		
61	1395.5	124.0	230.4#
63	11962.6	97.7	181.5#



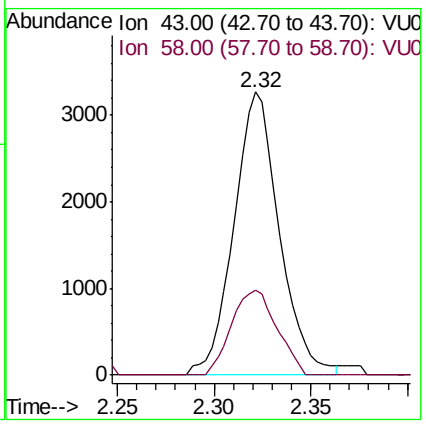


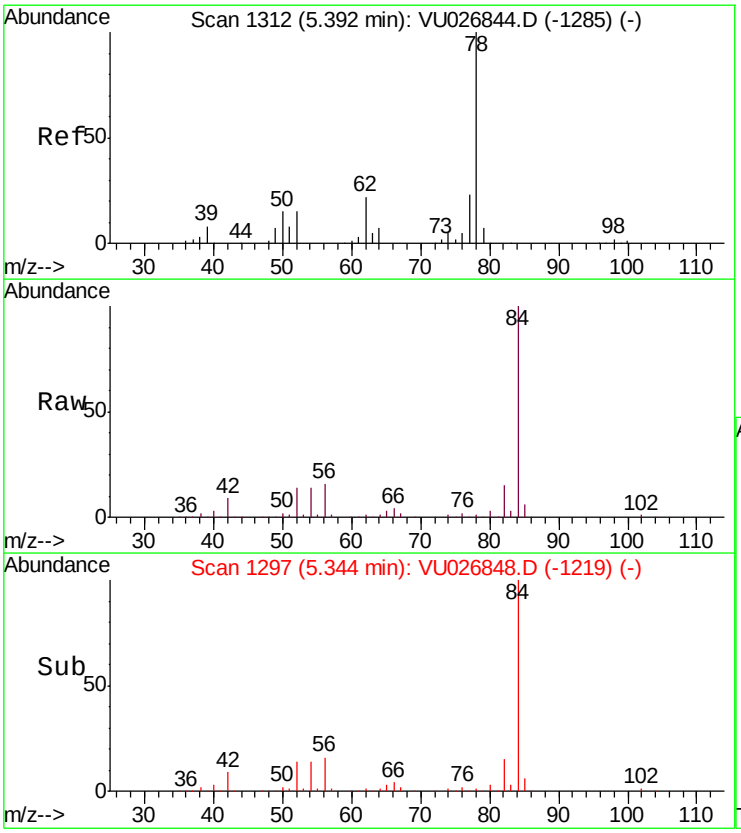
#13
Acetone
Concen: 5.313 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Instrument : MSVOA_U
ClientSampleId : C08T5

Tgt Ion: 43 Resp: 5350

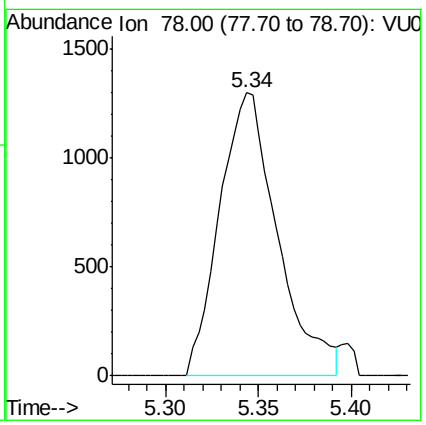
Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.6

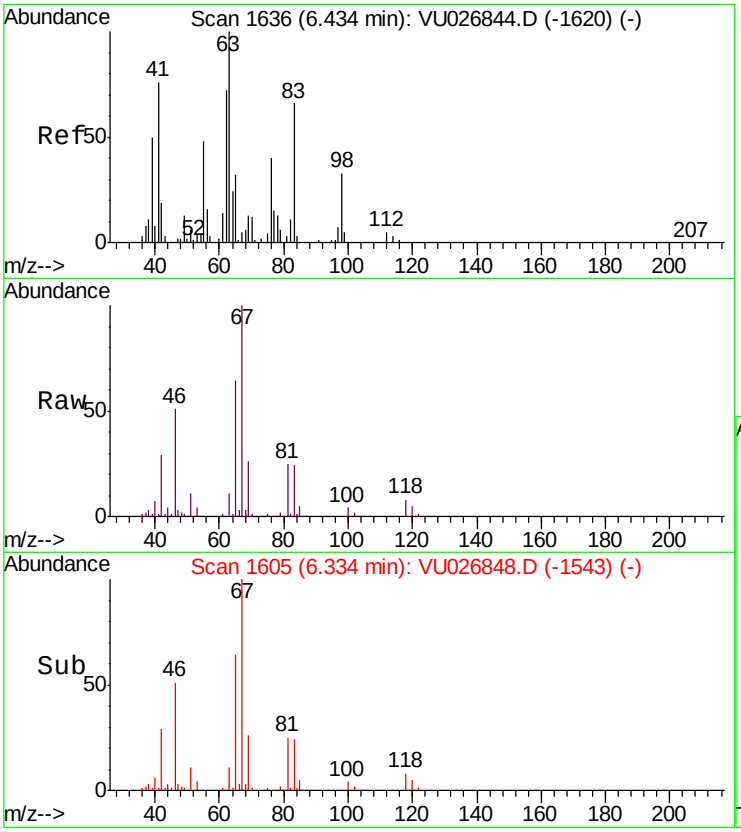




#33
Benzene
Concen: 0.452 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.05 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Tgt Ion: 78 Resp: 2822



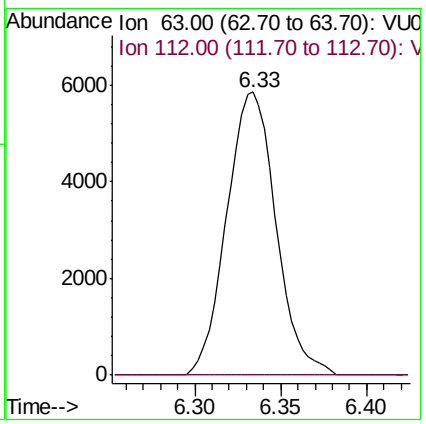


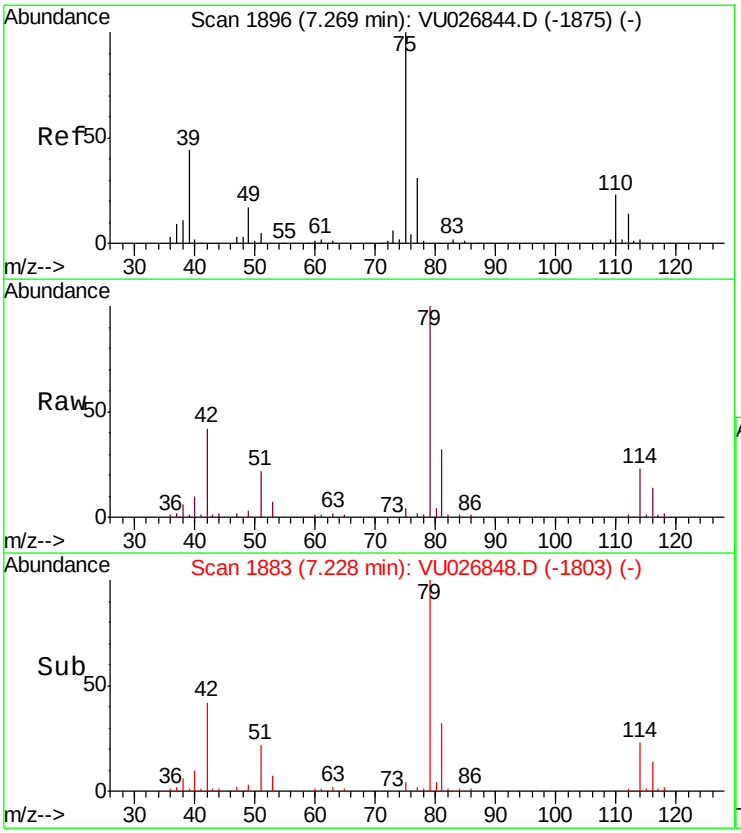
#37
1,2-Dichloropropane
Concen: 6.808 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Instrument : MSVOA_U
ClientSampleId : C08T5

Tgt Ion: 63 Resp: 11665

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

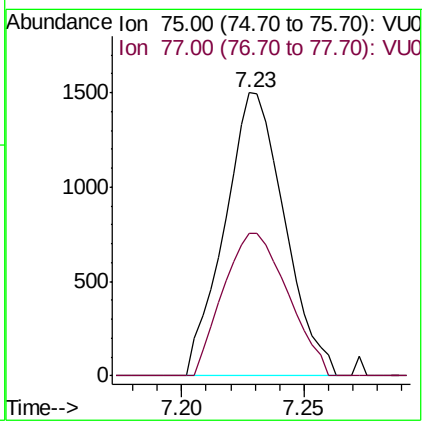


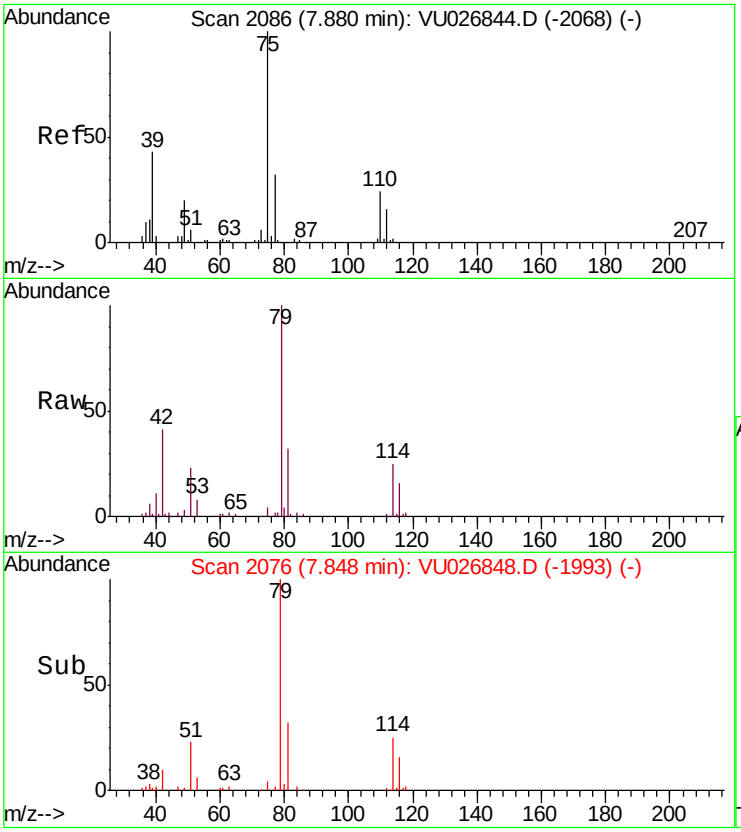


#39
cis-1,3-Dichloropropene
Concen: 1.058 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Tgt Ion: 75 Resp: 2562

Ion	Ratio	Lower	Upper
75	100		
77	50.6	22.1	41.1#



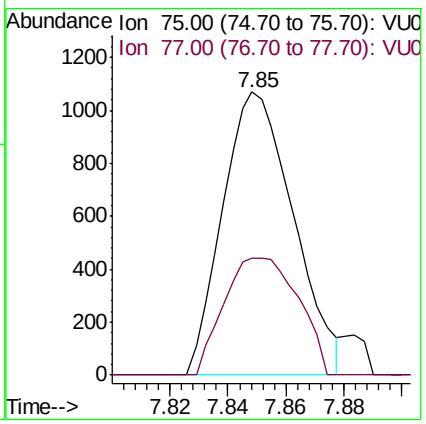


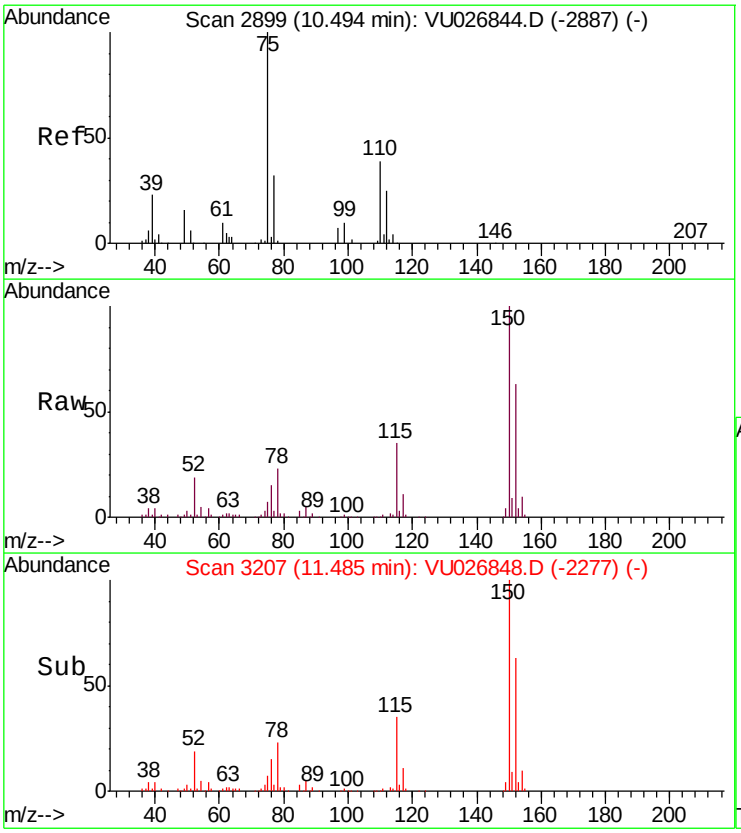
#44
trans-1,3-Dichloropropene
Concen: 0.798 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
C08T5

Tgt Ion: 75 Resp: 1808

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.8	42.4





#59
1,2,3-Trichloropropane
Concen: 4.622 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026848.D
Acq: 18 Sep 2018 09:49

Tgt Ion: 75 Resp: 9487

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.5	38.3