Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

Quantitation Report (Not Reviewed)

Data File : VU026643.D
Acq On : 10 Sep 2018 12:11
Operator : MD/SY
Sample : J4765-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Sep 11 05:30:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	189931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76364	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	68258	48.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.44%			
7) Chloroethane-d5	1.68	69	56848	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.68%			
11) 1,1-Dichloroethene-d2	2.27	63	96904	38.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.52%			
21) 2-Butanone-d5	4.17	46	90824	103.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.12%			
24) Chloroform-d	4.65	84	116382	49.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.90%			
26) 1,2-Dichloroethane-d4	5.31	65	77914	50.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.16%			
32) Benzene-d6	5.34	84	238129	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
36) 1,2-Dichloropropane-d6	6.33	67	81243	53.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.08%			
41) Toluene-d8	7.57	98	214645	50.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%			
43) trans-1,3-Dichloropropene-	7.85	79	36147	50.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.52%			
47) 2-Hexanone-d5	8.31	63	64415	103.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104294	49.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.46%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81757	53.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.42%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	895	0.767	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	715	0.638	ug/L #	1
35) Methylcyclohexane	6.33	83	17885	9.103	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8298	6.015	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1670	0.879	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	9037	5.536	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091018\

Quantitation Report (Not Reviewed)

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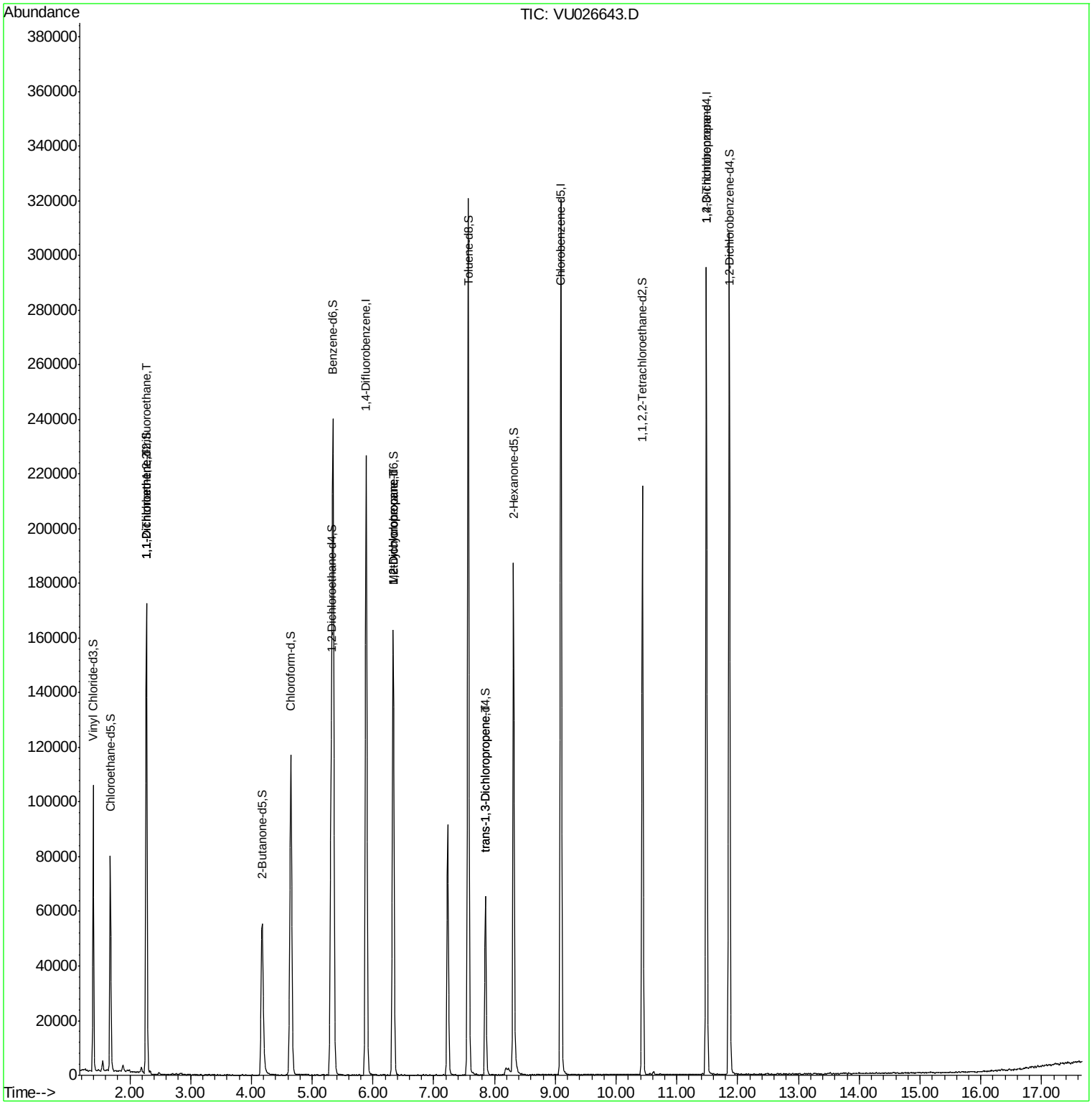
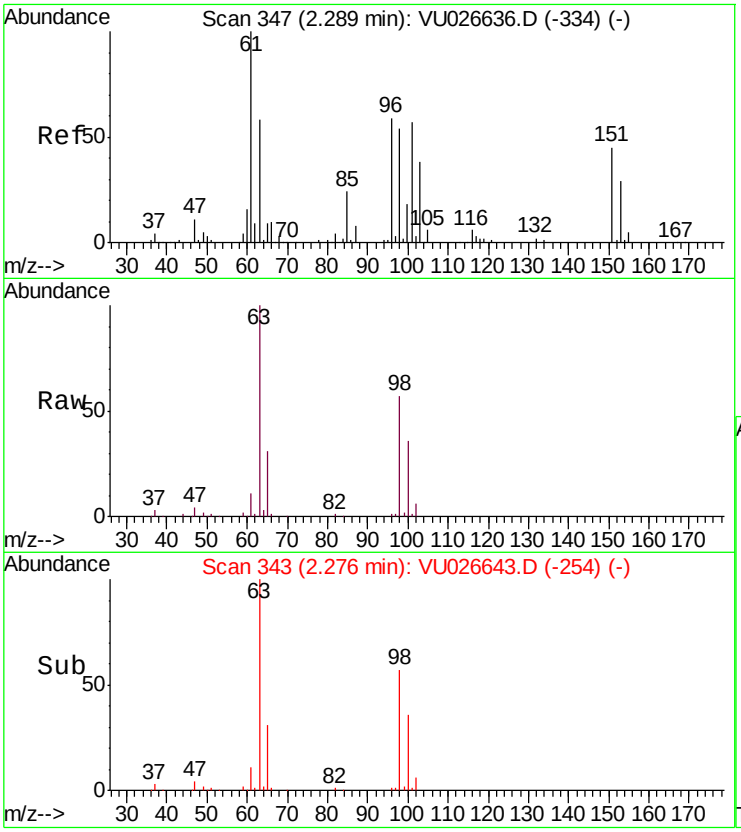
Operator : MD/SY
Sample : J4765-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Sep 11 05:30:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration



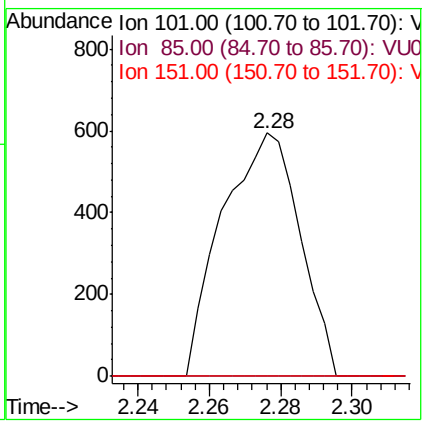


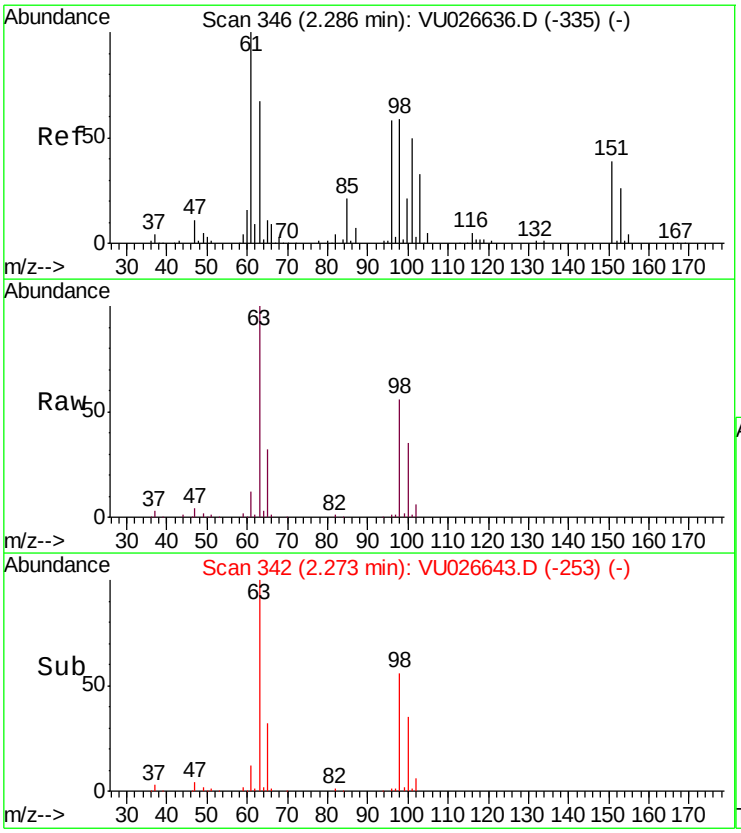
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.767 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 895

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#

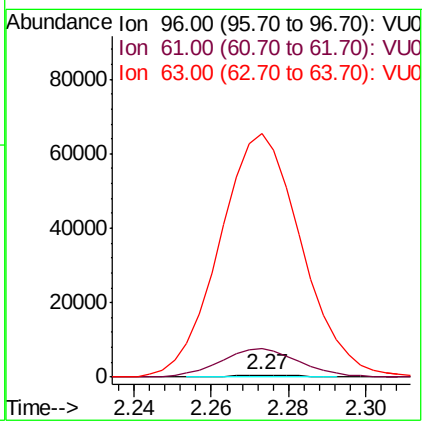


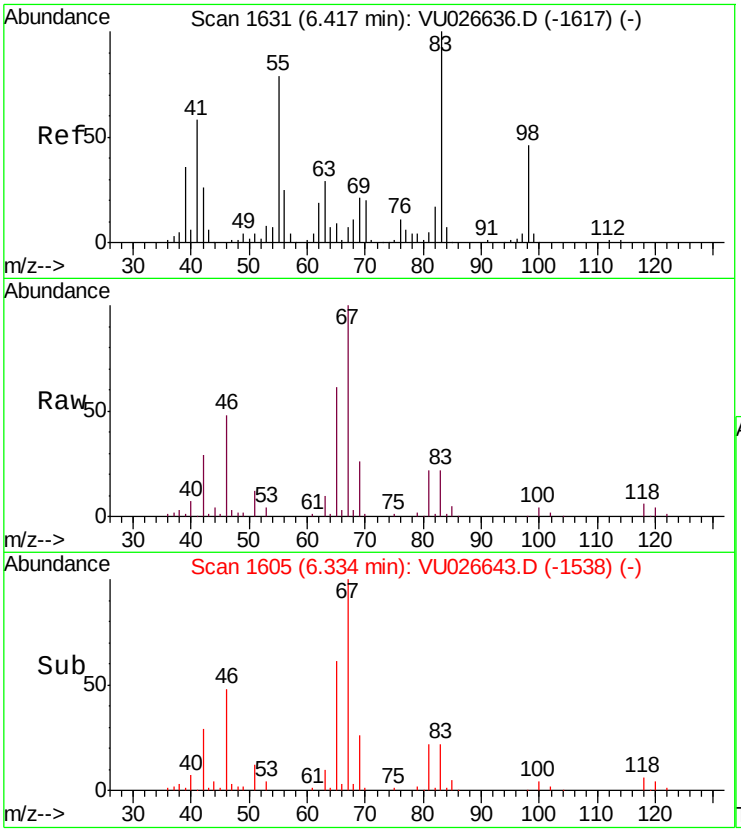


#12
1,1-Dichloroethene
Concen: 0.638 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Tgt Ion: 96 Resp: 715

Ion	Ratio	Lower	Upper
96	100		
61	1346.8	121.0	224.8#
63	11637.0	89.9	166.9#



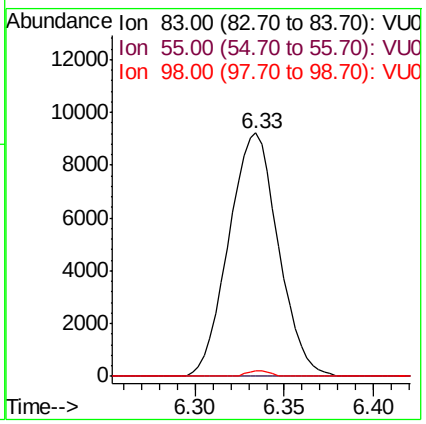


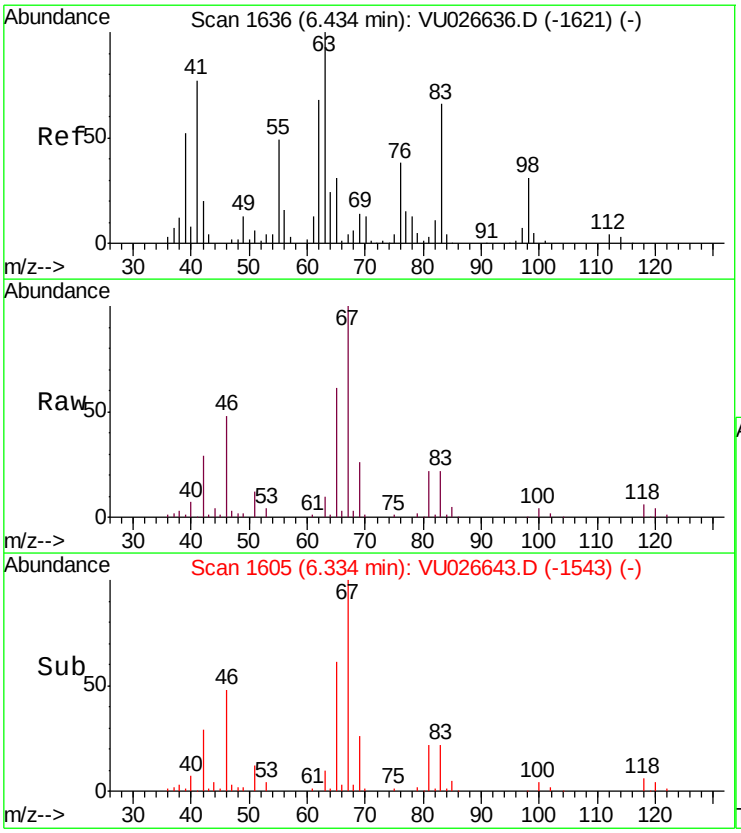
#35
Methylcyclohexane
Concen: 9.103 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 17885

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	1.0	37.0	55.4#

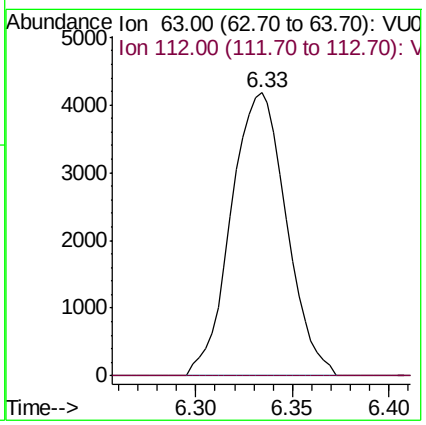


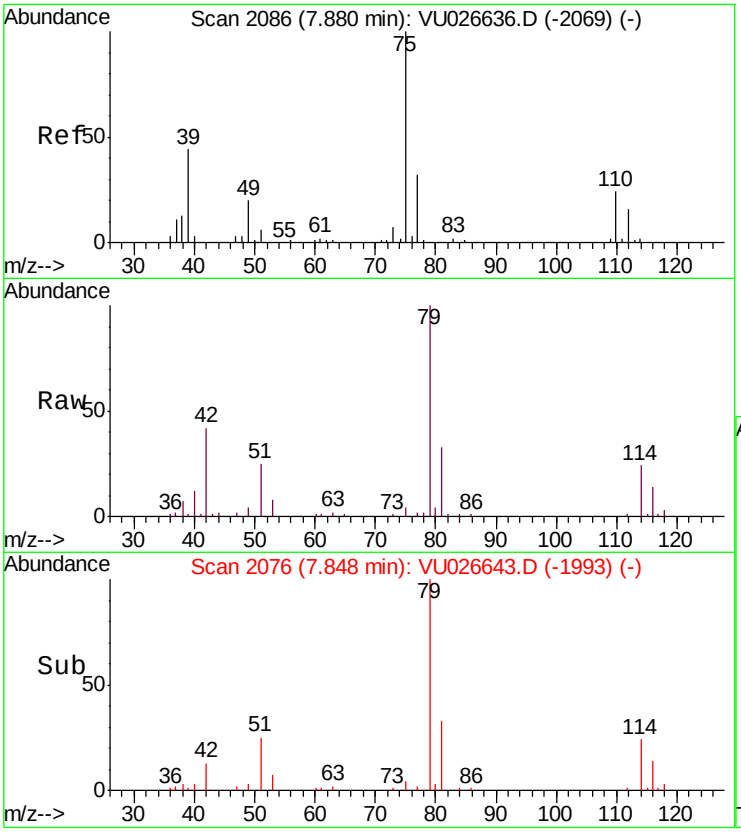


#37
1,2-Dichloropropane
Concen: 6.015 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Tgt Ion: 63 Resp: 8298

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



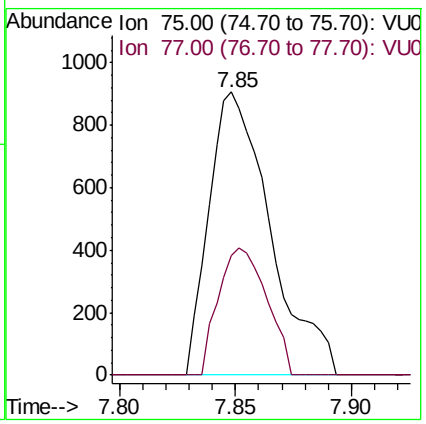


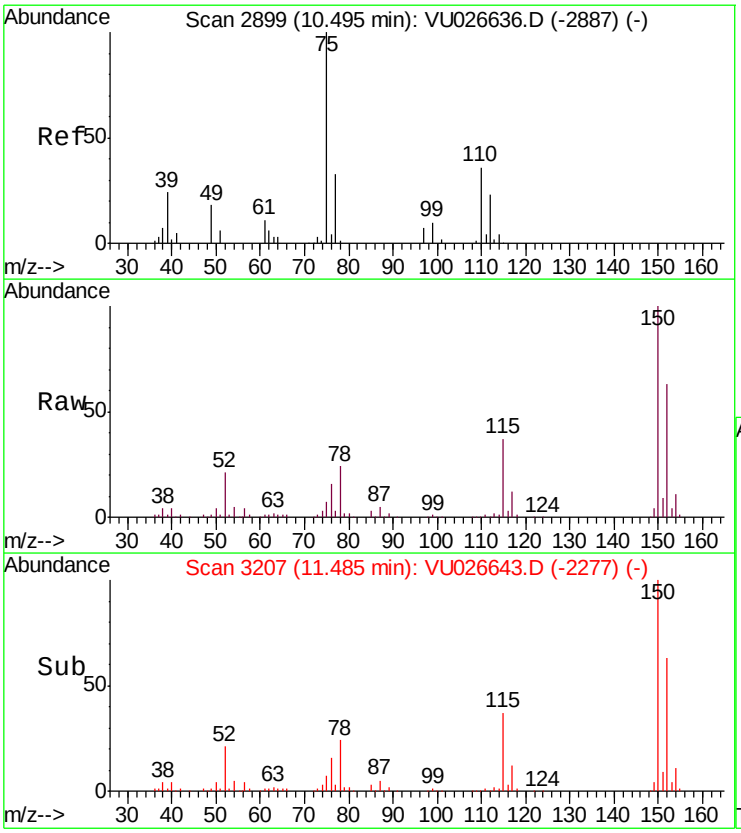
#44
trans-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1670

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.4	41.6#





#59
1,2,3-Trichloropropane
Concen: 5.536 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026643.D
Acq: 10 Sep 2018 12:11

Tgt Ion: 75 Resp: 9037

Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.8	38.6