Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\

Quantitation Report (Not Reviewed)

Data File : VU029654.D
Acq On : 25 Feb 2019 13:44
Operator : JC/SP
Sample : K1602-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF5D8

Quant Time: Feb 26 00:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	476722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228565	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144780	41.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.90%			
7) Chloroethane-d5	1.68	69	127646	41.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.27	63	217717	31.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.76%			
21) 2-Butanone-d5	4.17	46	204415	96.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.16%			
24) Chloroform-d	4.65	84	259090	45.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.46%			
26) 1,2-Dichloroethane-d4	5.31	65	162595	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.66%			
32) Benzene-d6	5.34	84	566906	49.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.44%			
36) 1,2-Dichloropropane-d6	6.33	67	172956	50.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.84%			
41) Toluene-d8	7.56	98	537232	46.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.34%			
43) trans-1,3-Dichloropropene-	7.85	79	78927	43.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.76%			
47) 2-Hexanone-d5	8.31	63	159444	83.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.47%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258223	44.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	222834	45.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.48%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2185	0.658	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1862	0.590	ug/L #	1
13) Acetone	2.32	43	2714	1.195	ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	5129	1.042	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	3232	0.697	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	22672	5.214	ug/L	90

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

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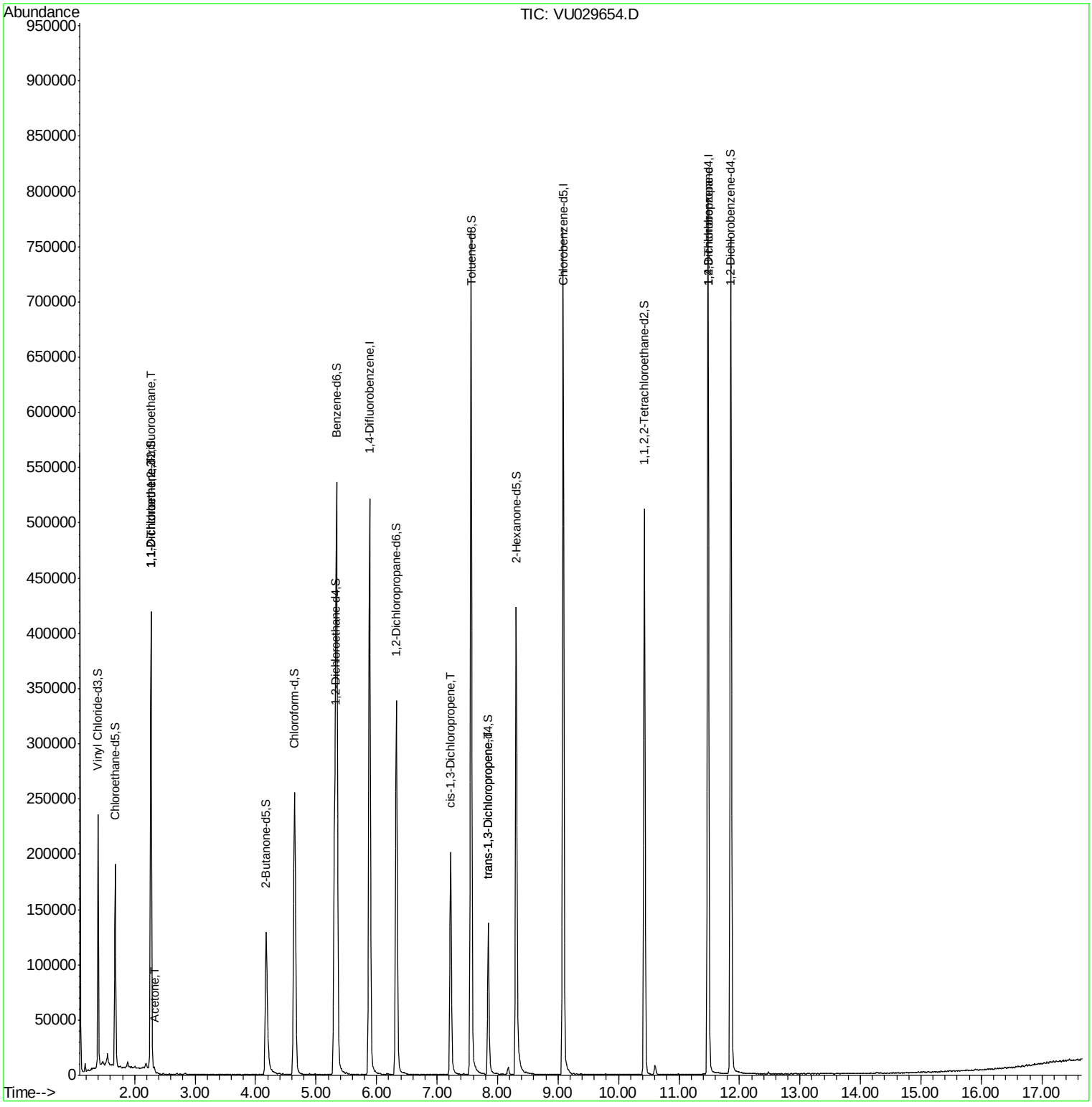
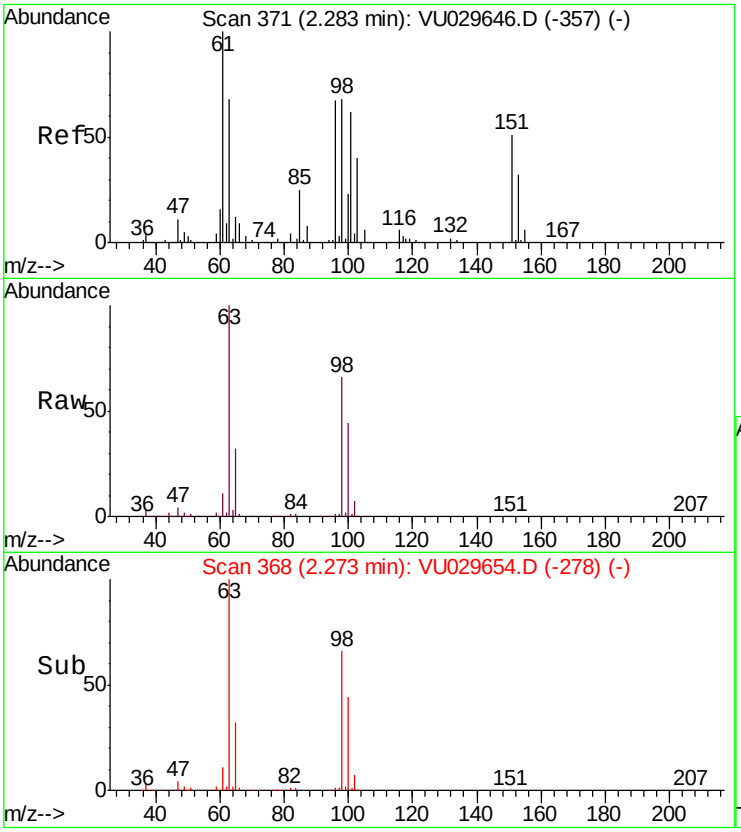
ClientSampleId :
BF5D8

Quant Time: Feb 26 00:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration



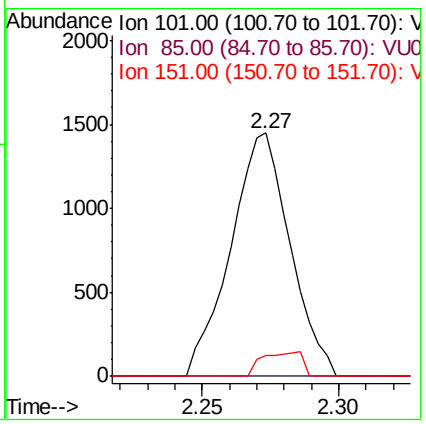


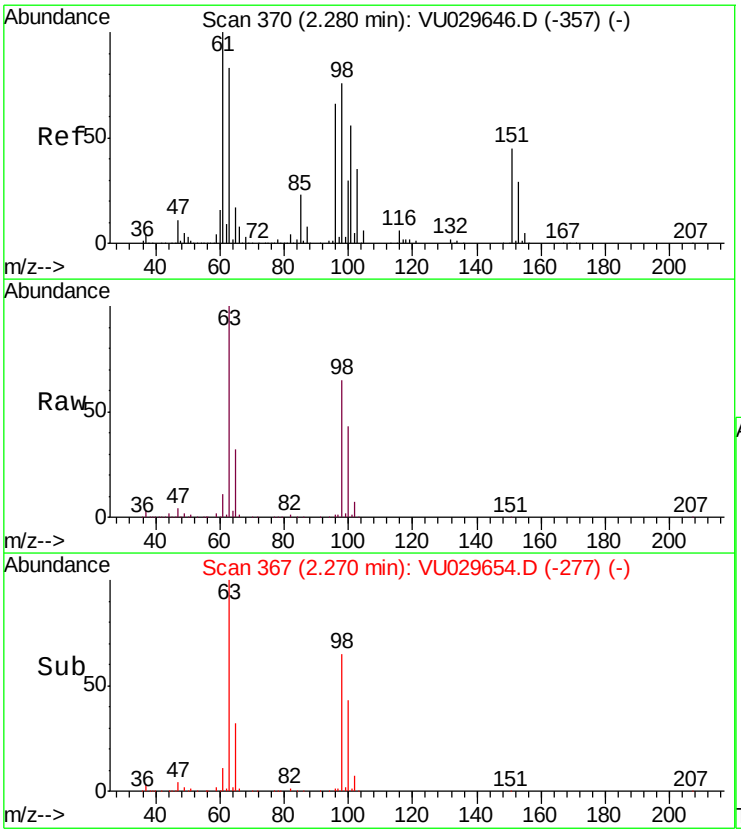
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.658 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Instrument : MSVOA_U
ClientSampleId : BF5D8

Tgt Ion:101 Resp: 2185

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	1.5	65.7	98.5#

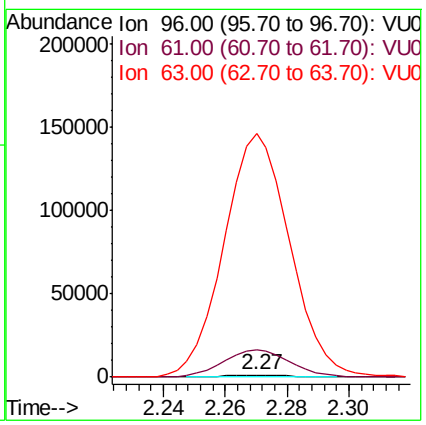


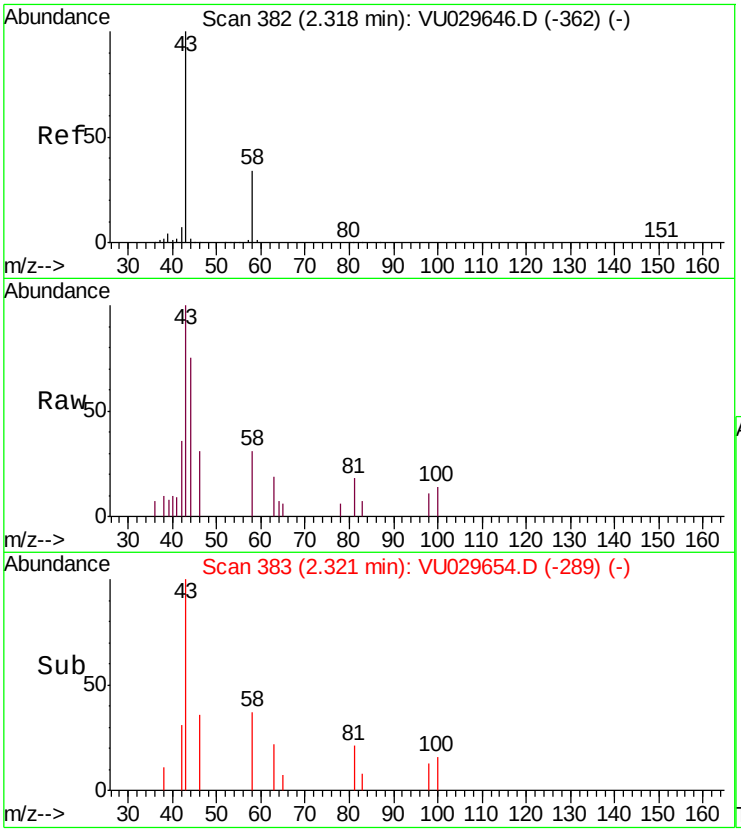


#12
1,1-Dichloroethene
Concen: 0.590 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Tgt Ion: 96 Resp: 1862

Ion	Ratio	Lower	Upper
96	100		
61	1305.3	114.0	211.8#
63	11634.0	98.7	183.3#



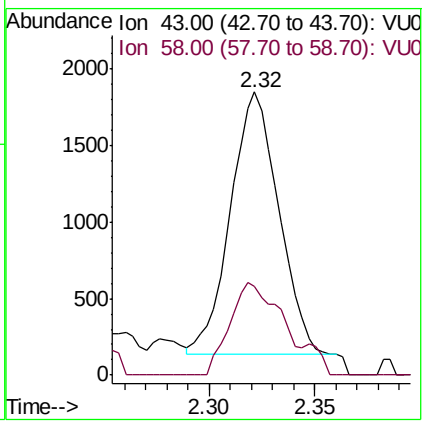


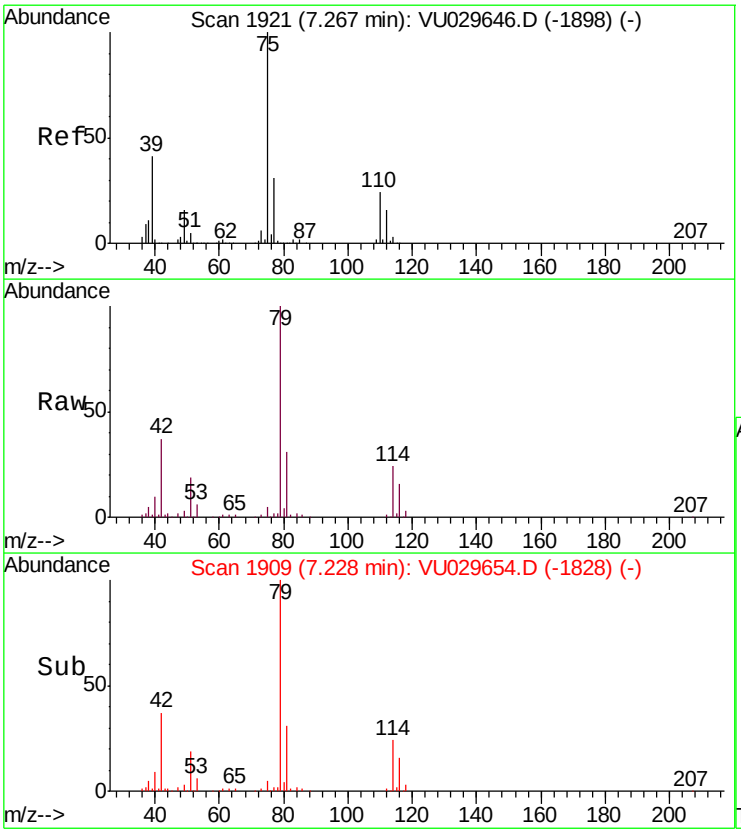
#13
Acetone
Concen: 1.195 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Instrument : MSVOA_U
ClientSampleId : BF5D8

Tgt Ion: 43 Resp: 2714

Ion	Ratio	Lower	Upper
43	100		
58	37.5	0.0	66.8

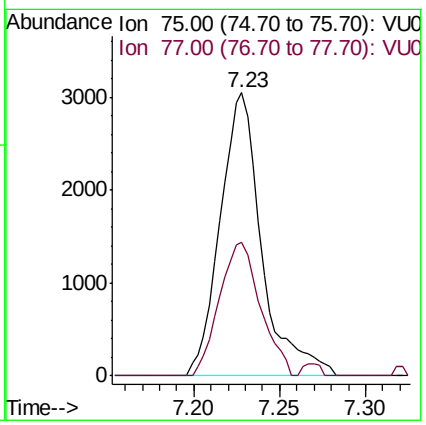


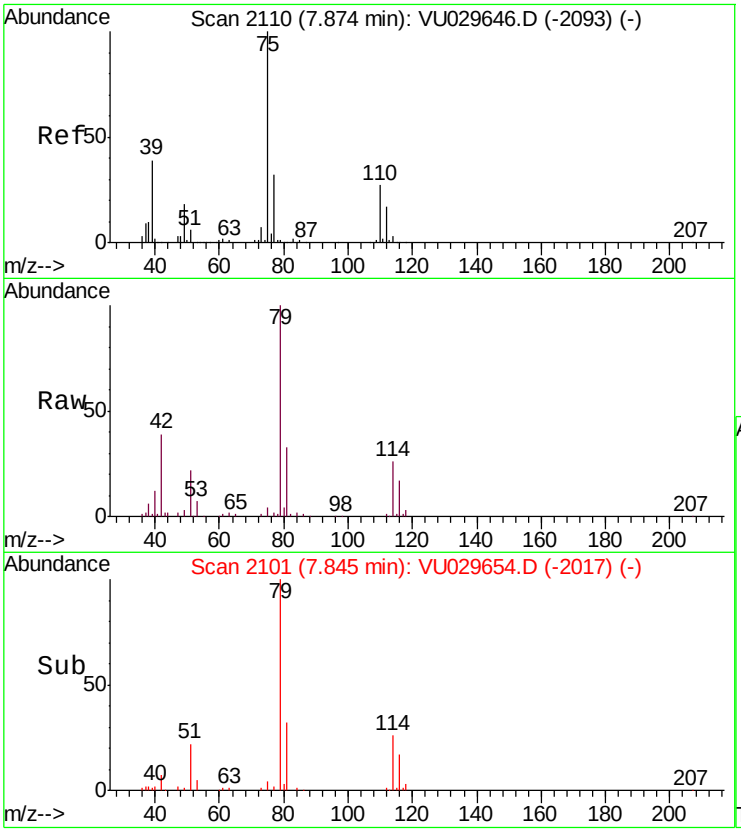


#39
cis-1,3-Dichloropropene
Concen: 1.042 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Tgt Ion: 75 Resp: 5129

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.3	41.5#



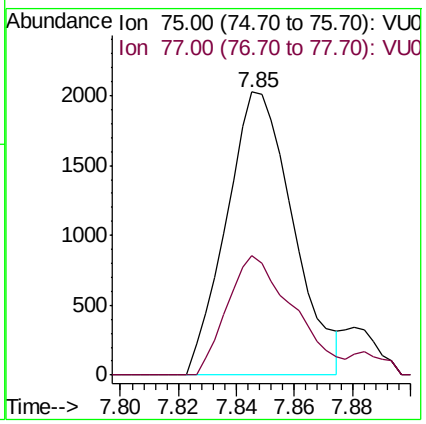


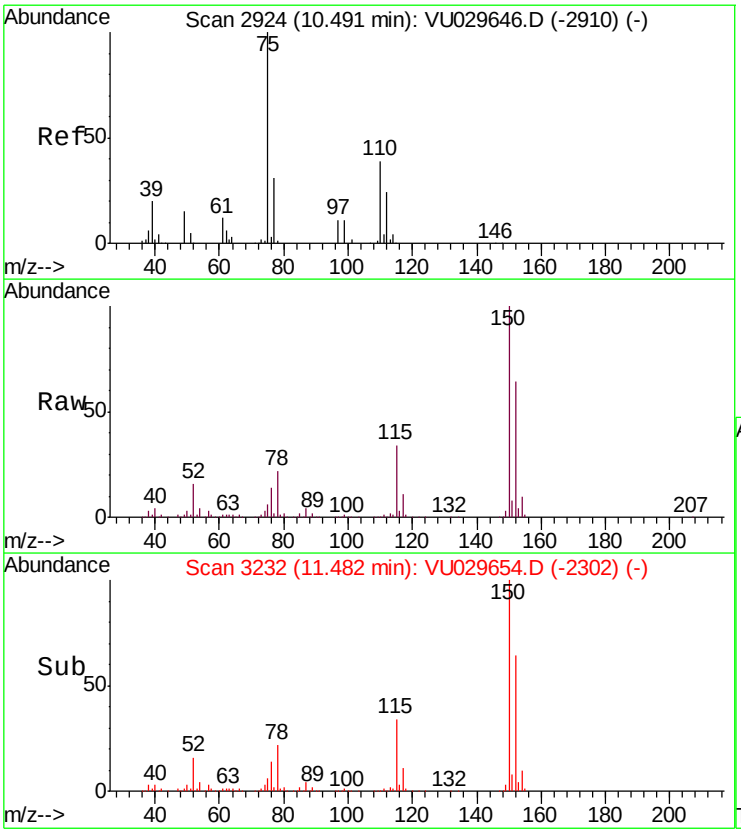
#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Instrument :
MSVOA_U
ClientSampleId :
BF5D8

Tgt Ion: 75 Resp: 3232

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.214 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029654.D
Acq: 25 Feb 2019 13:44

Tgt Ion: 75 Resp: 22672

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.7	38.5