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

Quantitation Report (Not Reviewed)

Data File : VU029648.D
Acq On : 25 Feb 2019 10:49
Operator : JC/SP
Sample : K1543-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Feb 26 00:15:18 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	474421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	150145	43.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.38%			
7) Chloroethane-d5	1.68	69	132490	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.74%			
11) 1,1-Dichloroethene-d2	2.27	63	229418	33.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.52%			
21) 2-Butanone-d5	4.18	46	220104	104.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.04%			
24) Chloroform-d	4.65	84	269284	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.52%			
26) 1,2-Dichloroethane-d4	5.31	65	174946	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.02%			
32) Benzene-d6	5.34	84	593080	51.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.54%			
36) 1,2-Dichloropropane-d6	6.33	67	178789	51.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.74%			
41) Toluene-d8	7.56	98	568658	48.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.34%			
43) trans-1,3-Dichloropropene-	7.85	79	87657	47.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.96%			
47) 2-Hexanone-d5	8.31	63	169680	87.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.55%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274006	46.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	230430	47.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.18%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2684	0.812	ug/L #	29
12) 1,1-Dichloroethene	2.27	96	2459	0.783	ug/L #	1
13) Acetone	2.32	43	1396	0.618	ug/L	69
25) Chloroform	4.67	83	7973	1.425	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	4914	0.984	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	3577	0.760	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	23530	5.334	ug/L	93

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

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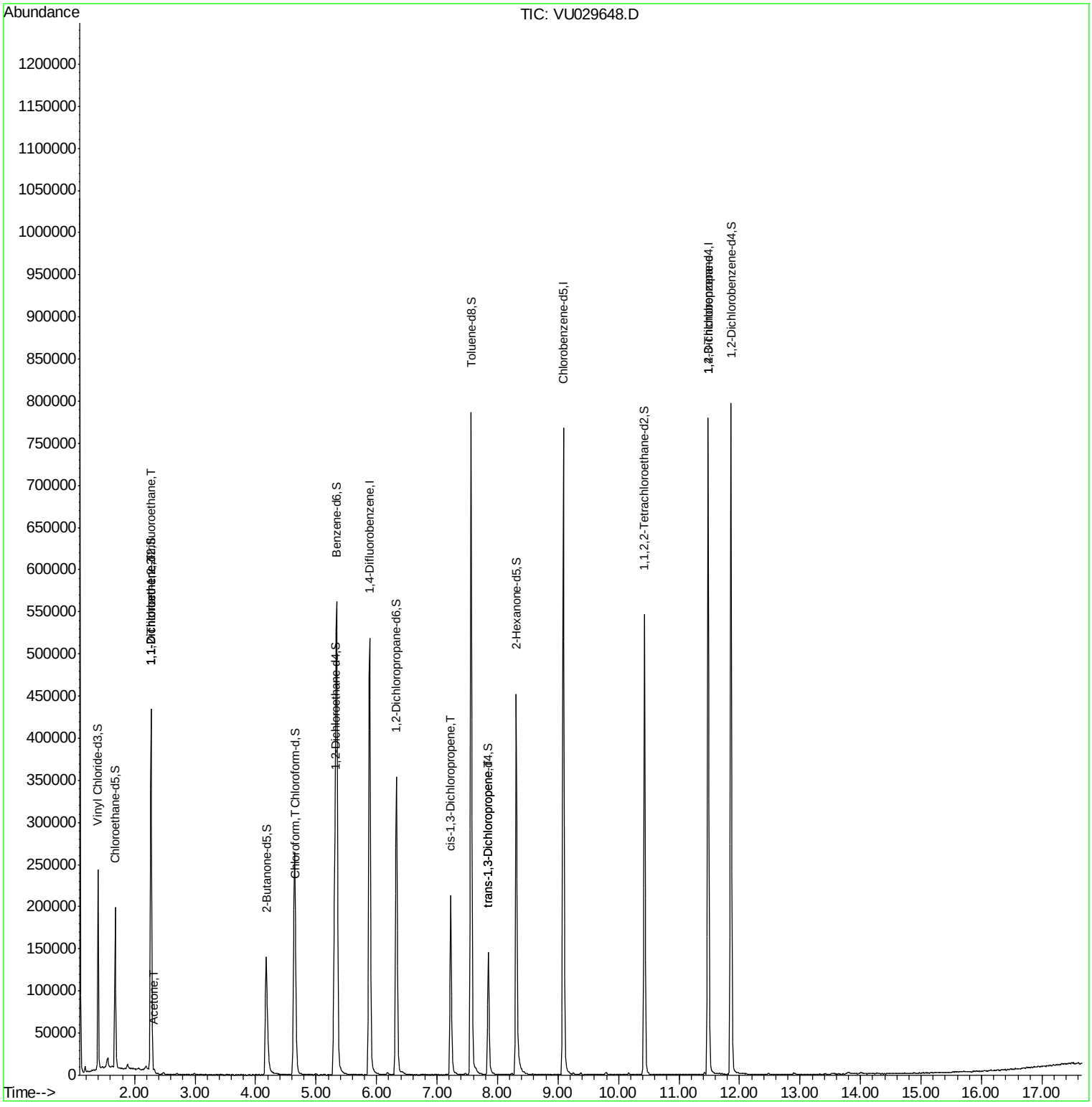
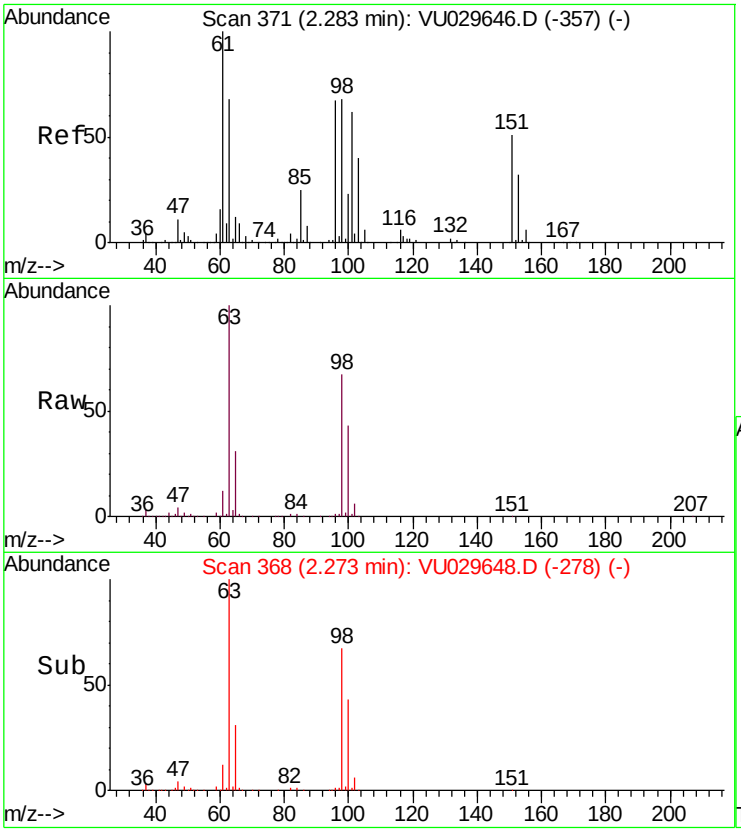
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration



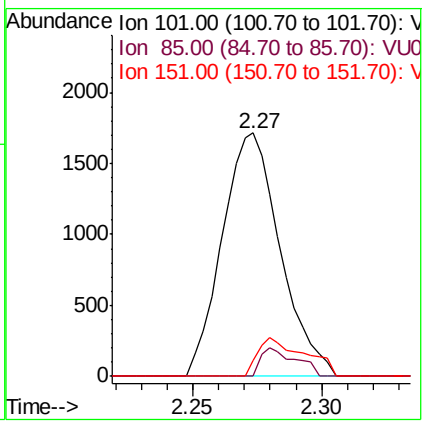


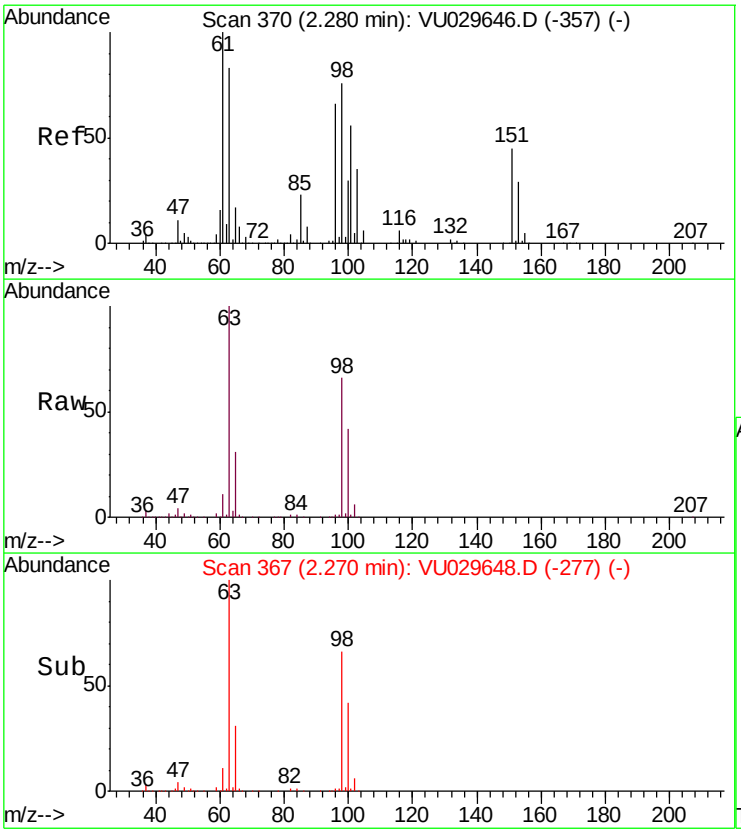
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.812 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2684

Ion	Ratio	Lower	Upper
101	100		
85	6.4	33.0	49.6#
151	11.9	65.7	98.5#

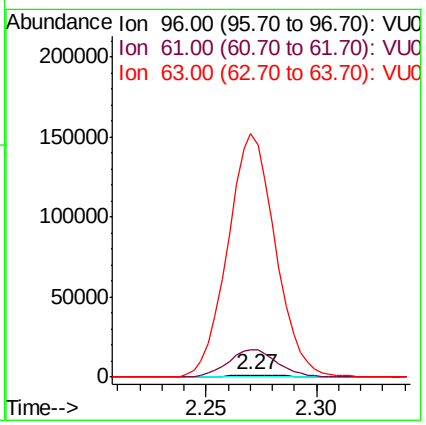


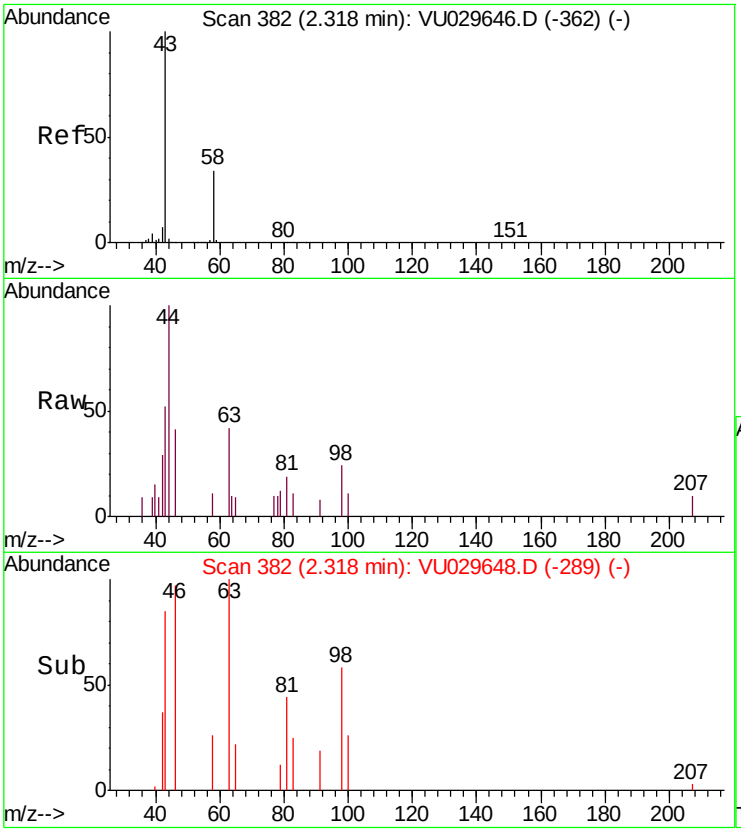


#12
1,1-Dichloroethene
Concen: 0.783 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Tgt Ion: 96 Resp: 2459

Ion	Ratio	Lower	Upper
96	100		
61	1357.4	114.0	211.8#
63	11834.5	98.7	183.3#



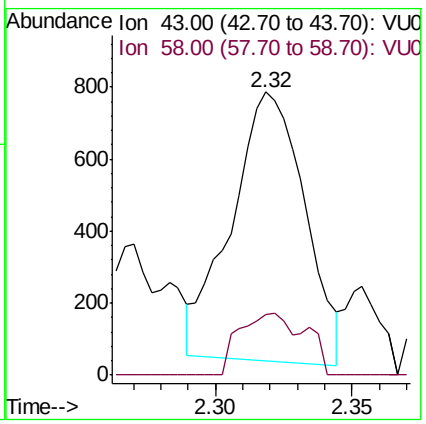


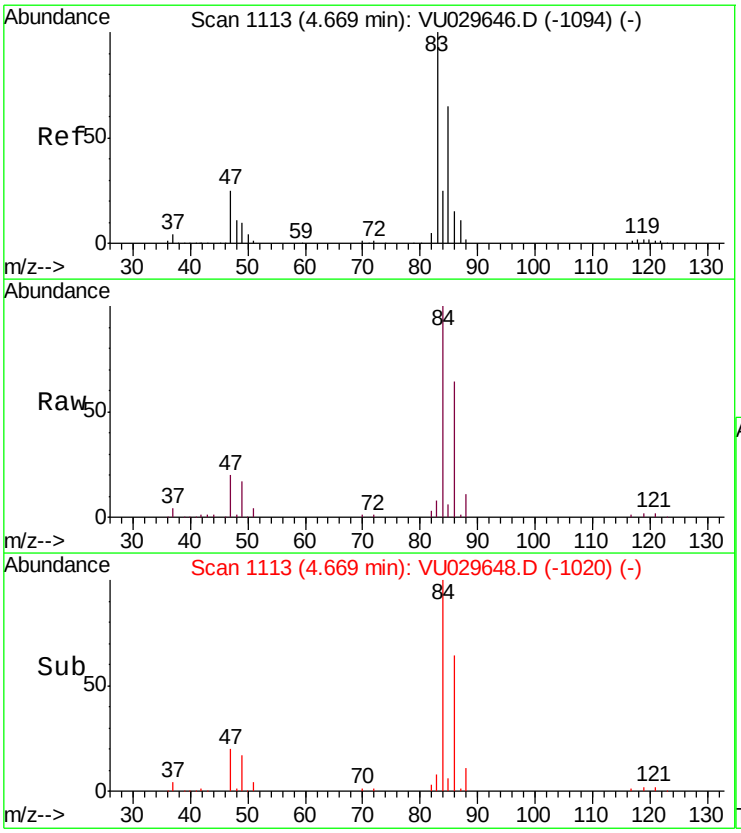
#13
Acetone
Concen: 0.618 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 1396

Ion	Ratio	Lower	Upper
43	100		
58	15.6	0.0	66.8

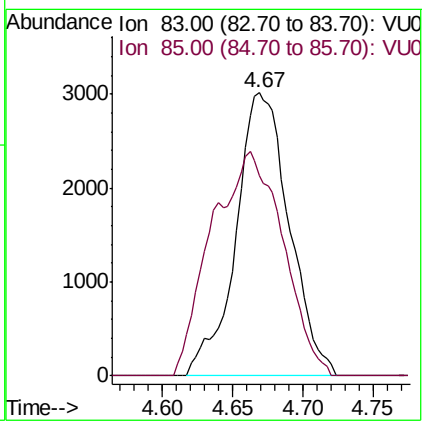


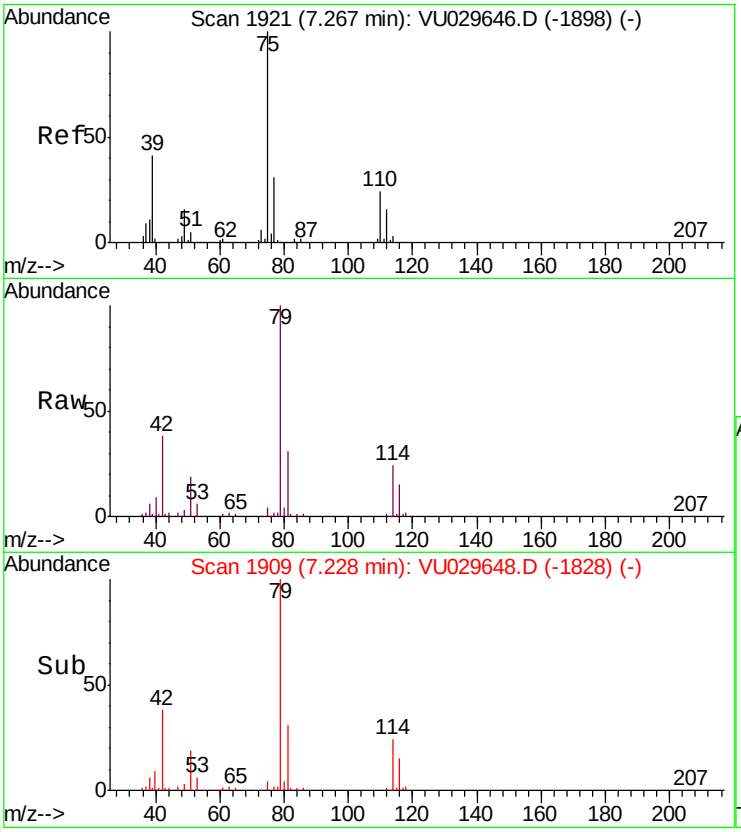


#25
Chloroform
Concen: 1.425 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Tgt Ion: 83 Resp: 7973

Ion	Ratio	Lower	Upper
83	100		
85	70.7	45.4	84.2



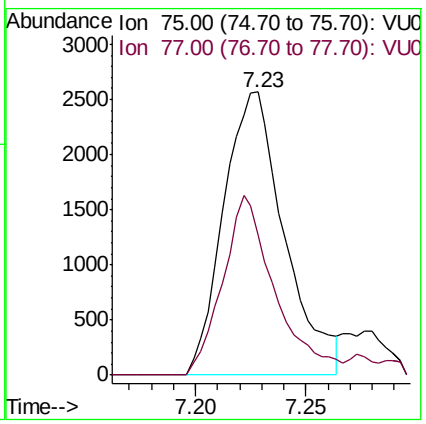


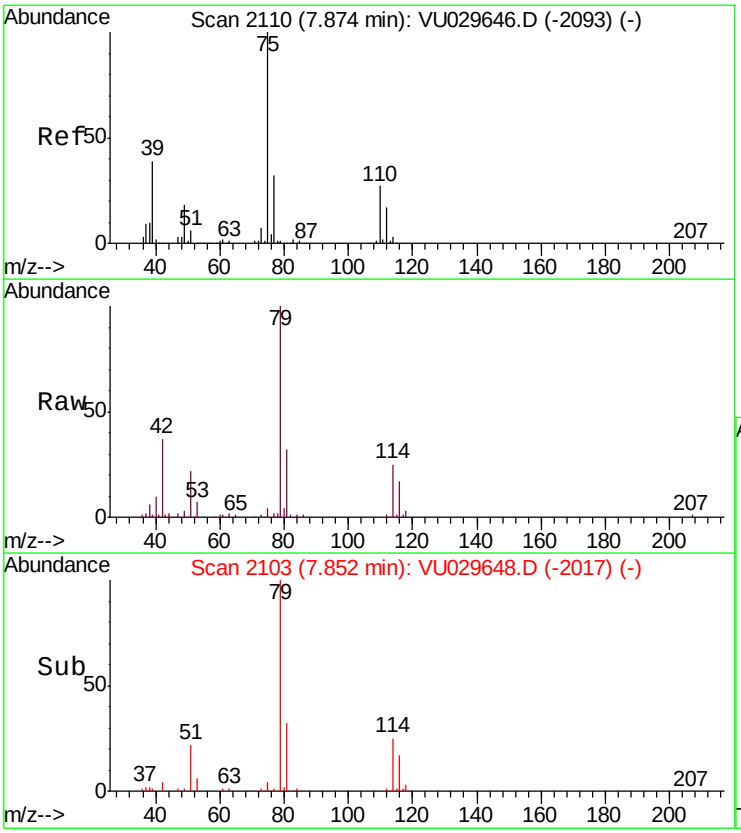
#39
cis-1,3-Dichloropropene
Concen: 0.984 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 4914

Ion	Ratio	Lower	Upper
75	100		
77	49.3	22.3	41.5#

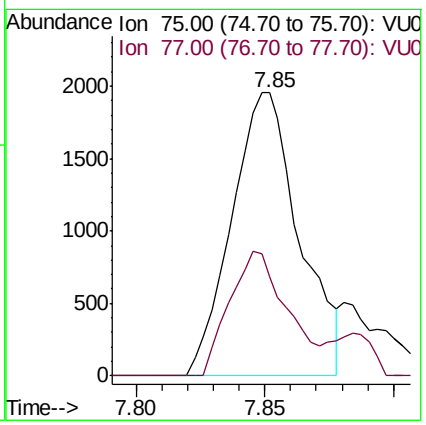


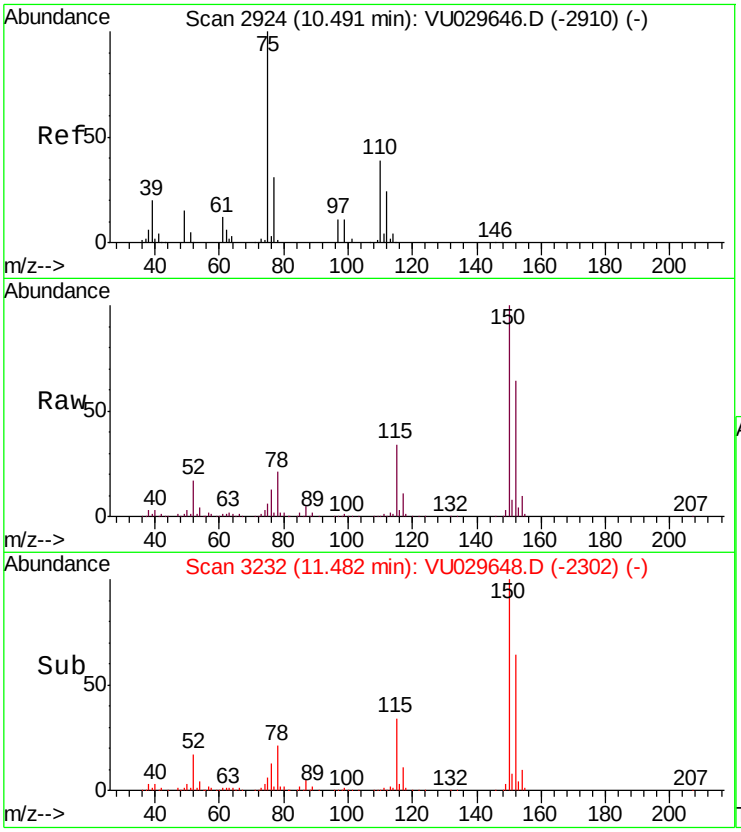


#44
trans-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Tgt Ion: 75 Resp: 3577

Ion	Ratio	Lower	Upper
75	100		
77	34.9	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.334 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029648.D
Acq: 25 Feb 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 23530

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.7	38.5