Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022219\

Quantitation Report (Not Reviewed)

Data File : VU029611.D
Acq On : 22 Feb 2019 11:30
Operator : JC/SP
Sample : K1531-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: Feb 22 22:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	488380	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235241	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	162366	45.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.74%			
7) Chloroethane-d5	1.68	69	141513	44.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.96%			
11) 1,1-Dichloroethene-d2	2.27	63	225060	32.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.34%			
21) 2-Butanone-d5	4.17	46	214542	98.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.51%			
24) Chloroform-d	4.65	84	277678	47.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.68%			
26) 1,2-Dichloroethane-d4	5.31	65	180271	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
32) Benzene-d6	5.34	84	605930	50.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.84%			
36) 1,2-Dichloropropane-d6	6.33	67	184168	51.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.88%			
41) Toluene-d8	7.56	98	584779	48.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.30%			
43) trans-1,3-Dichloropropene-	7.85	79	83792	44.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.24%			
47) 2-Hexanone-d5	8.31	63	182823	91.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.69%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272813	45.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	247717	48.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.72%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2594	0.763	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1819	0.562	ug/L #	1
25) Chloroform	4.67	83	3134	0.544	ug/L #	72
37) 1,2-Dichloropropane	6.33	63	19995	6.282	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	5221	1.017	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	3286	0.679	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	23434	5.163	ug/L	92

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

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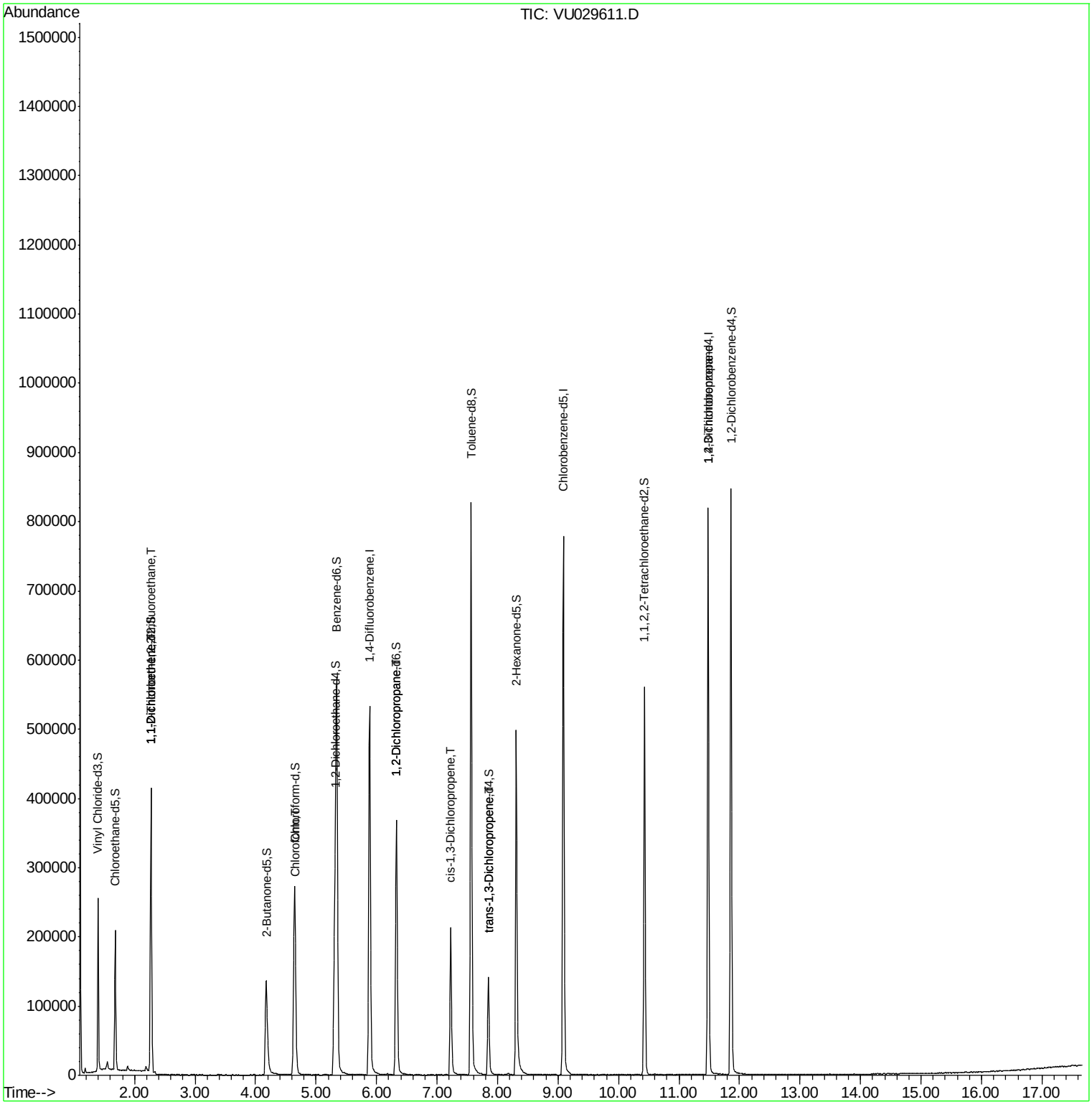
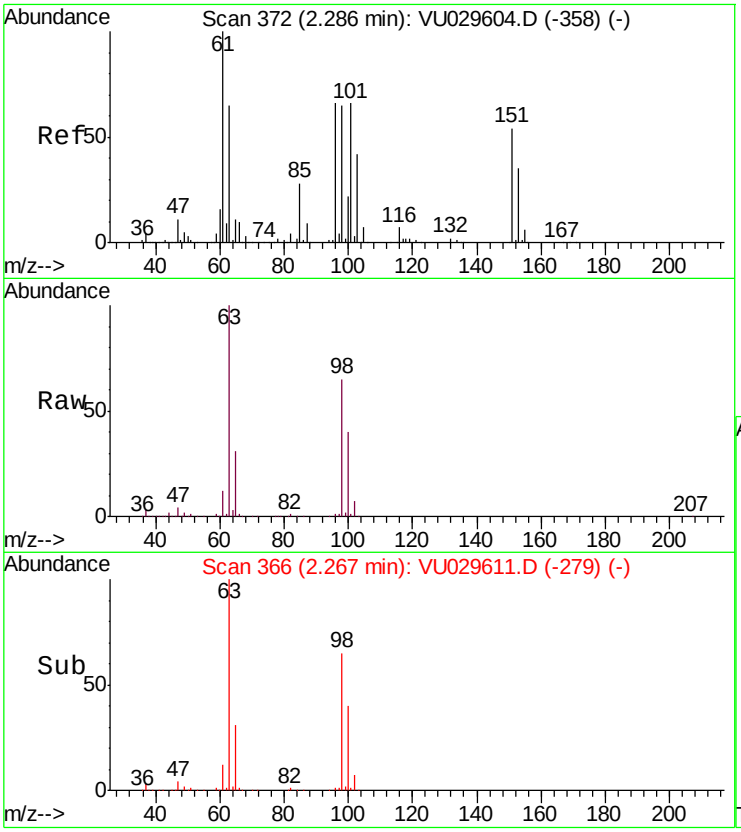
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration



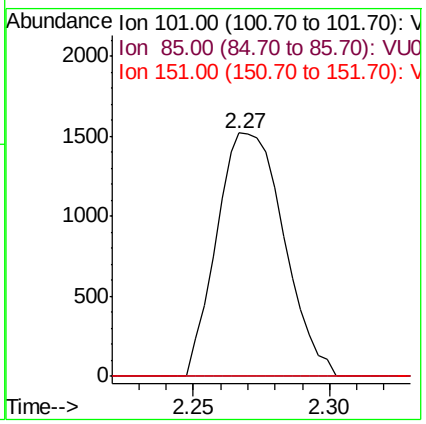


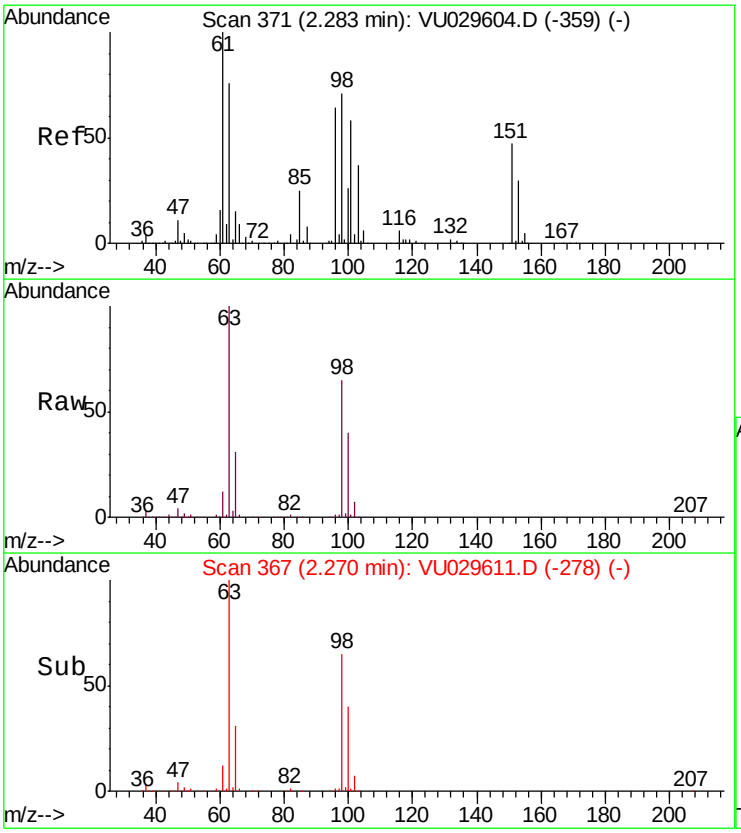
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.763 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:101 Resp: 2594

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

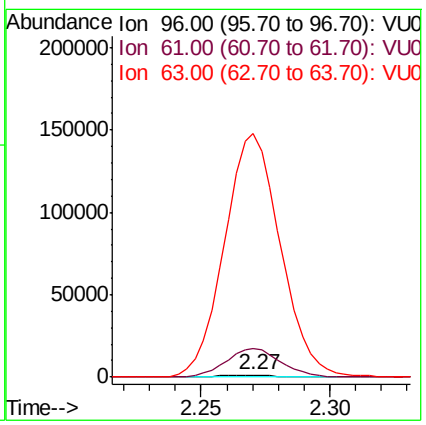


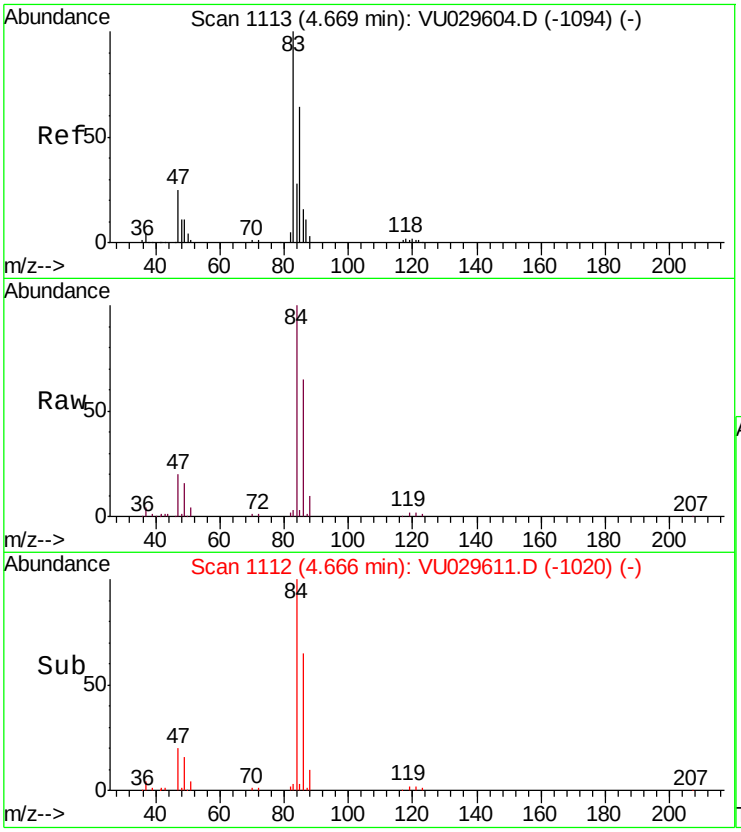


#12
1,1-Dichloroethene
Concen: 0.562 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Tgt Ion: 96 Resp: 1819

Ion	Ratio	Lower	Upper
96	100		
61	1707.0	114.0	211.8#
63	14536.9	98.7	183.3#



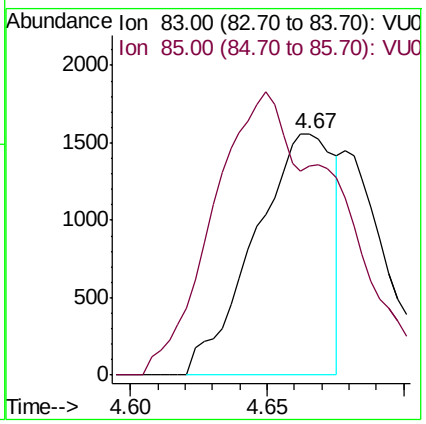


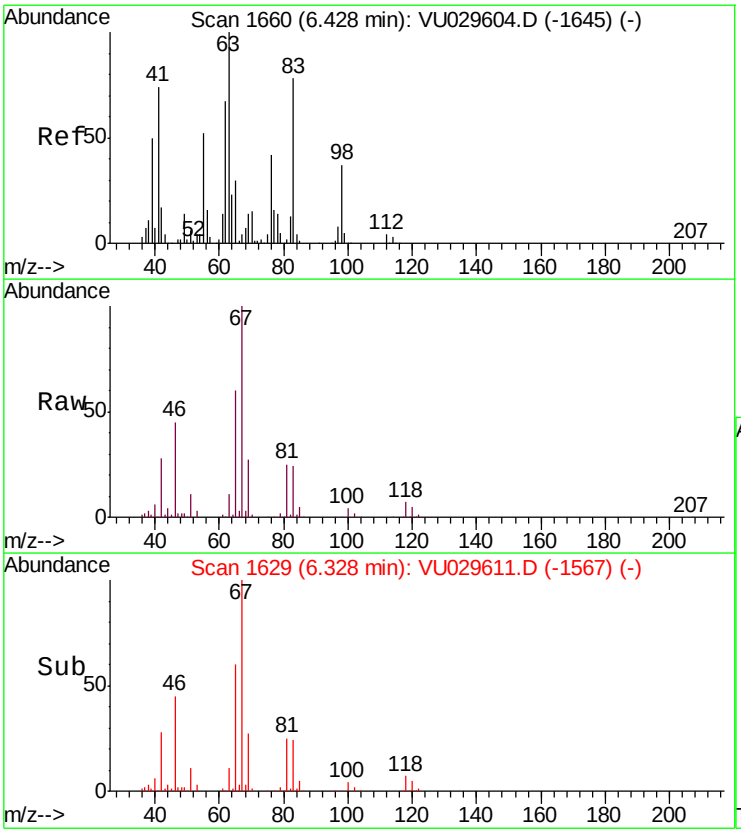
#25
Chloroform
Concen: 0.544 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 3134

Ion	Ratio	Lower	Upper
83	100		
85	86.6	45.4	84.2#

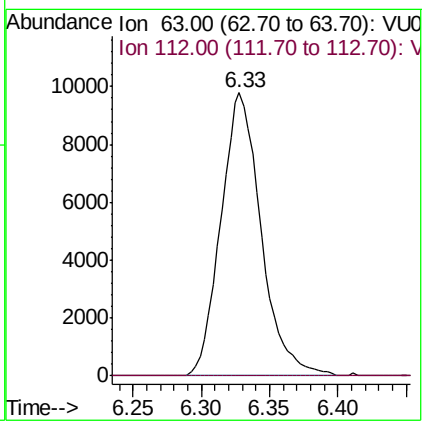


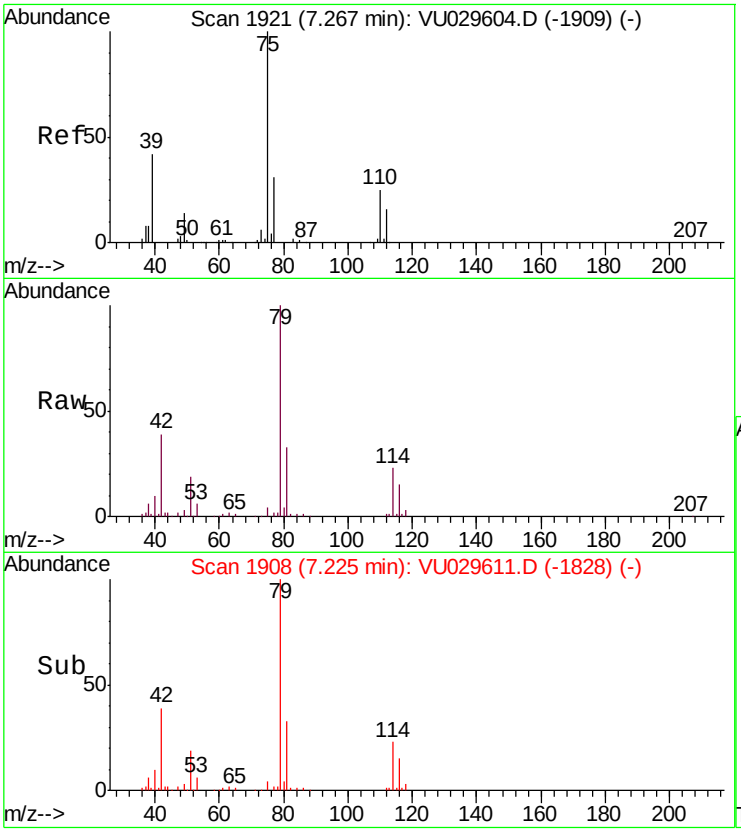


#37
1,2-Dichloropropane
Concen: 6.282 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Tgt Ion: 63 Resp: 19995

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



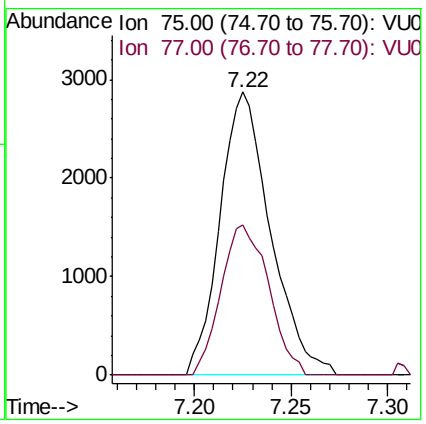


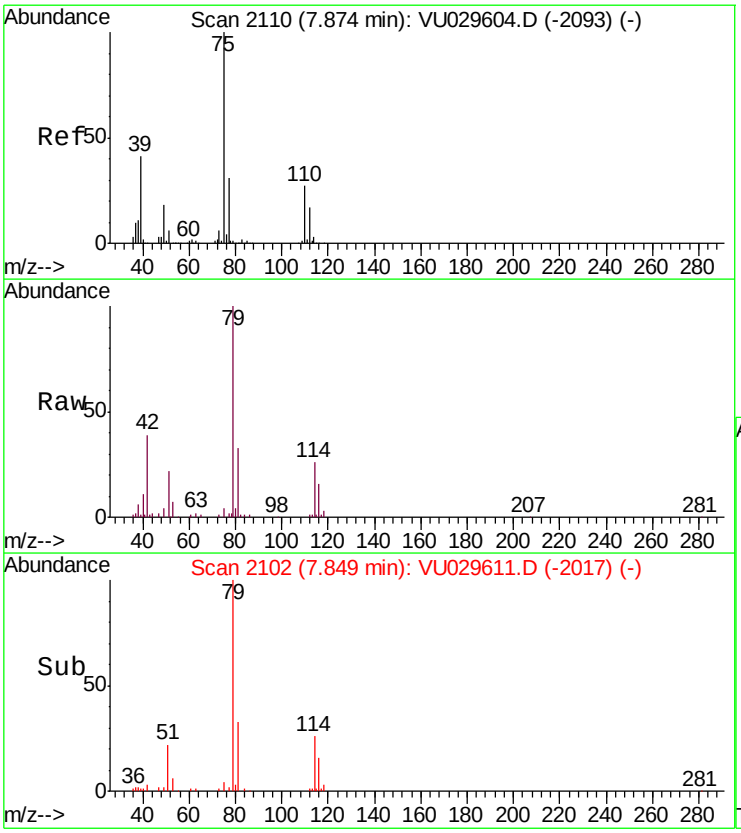
#39
cis-1,3-Dichloropropene
Concen: 1.017 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 5221

Ion	Ratio	Lower	Upper
75	100		
77	53.2	22.3	41.5#

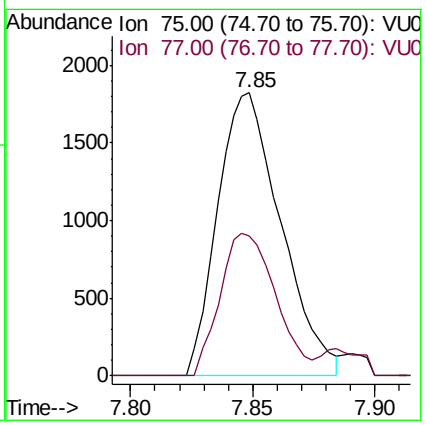


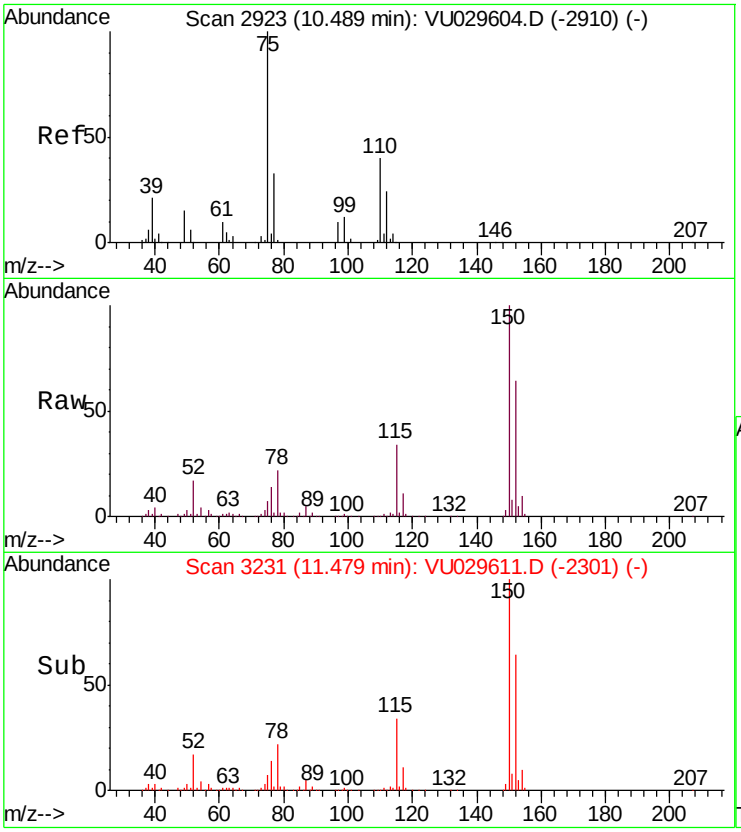


#44
trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Tgt Ion: 75 Resp: 3286

Ion	Ratio	Lower	Upper
75	100		
77	49.4	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.163 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029611.D
Acq: 22 Feb 2019 11:30

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 23434

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.7	38.5