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

Quantitation Report (Not Reviewed)

Data File : VU029661.D
Acq On : 25 Feb 2019 16:27
Operator : JC/SP
Sample : K1600-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF7Y6

Quant Time: Feb 26 00:17:02 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	473006	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225213	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	138805	40.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.10%			
7) Chloroethane-d5	1.68	69	122262	39.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.36%			
11) 1,1-Dichloroethene-d2	2.27	63	197892	29.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.42%#			
21) 2-Butanone-d5	4.17	46	204653	97.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.03%			
24) Chloroform-d	4.65	84	253460	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.18%			
26) 1,2-Dichloroethane-d4	5.31	65	161799	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.92%			
32) Benzene-d6	5.34	84	554944	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.96%			
36) 1,2-Dichloropropane-d6	6.33	67	167075	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.02%			
41) Toluene-d8	7.56	98	522371	45.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.36%			
43) trans-1,3-Dichloropropene-	7.85	79	78222	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.52%			
47) 2-Hexanone-d5	8.31	63	158742	83.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257144	44.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	218508	45.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.04%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2014	0.611	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1897	0.606	ug/L #	1
13) Acetone	2.32	43	2745	1.218	ug/L	94
25) Chloroform	4.67	83	5116	0.917	ug/L	79
44) trans-1,3-Dichloropropene	7.85	75	3169	0.688	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	22130	5.122	ug/L	94

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

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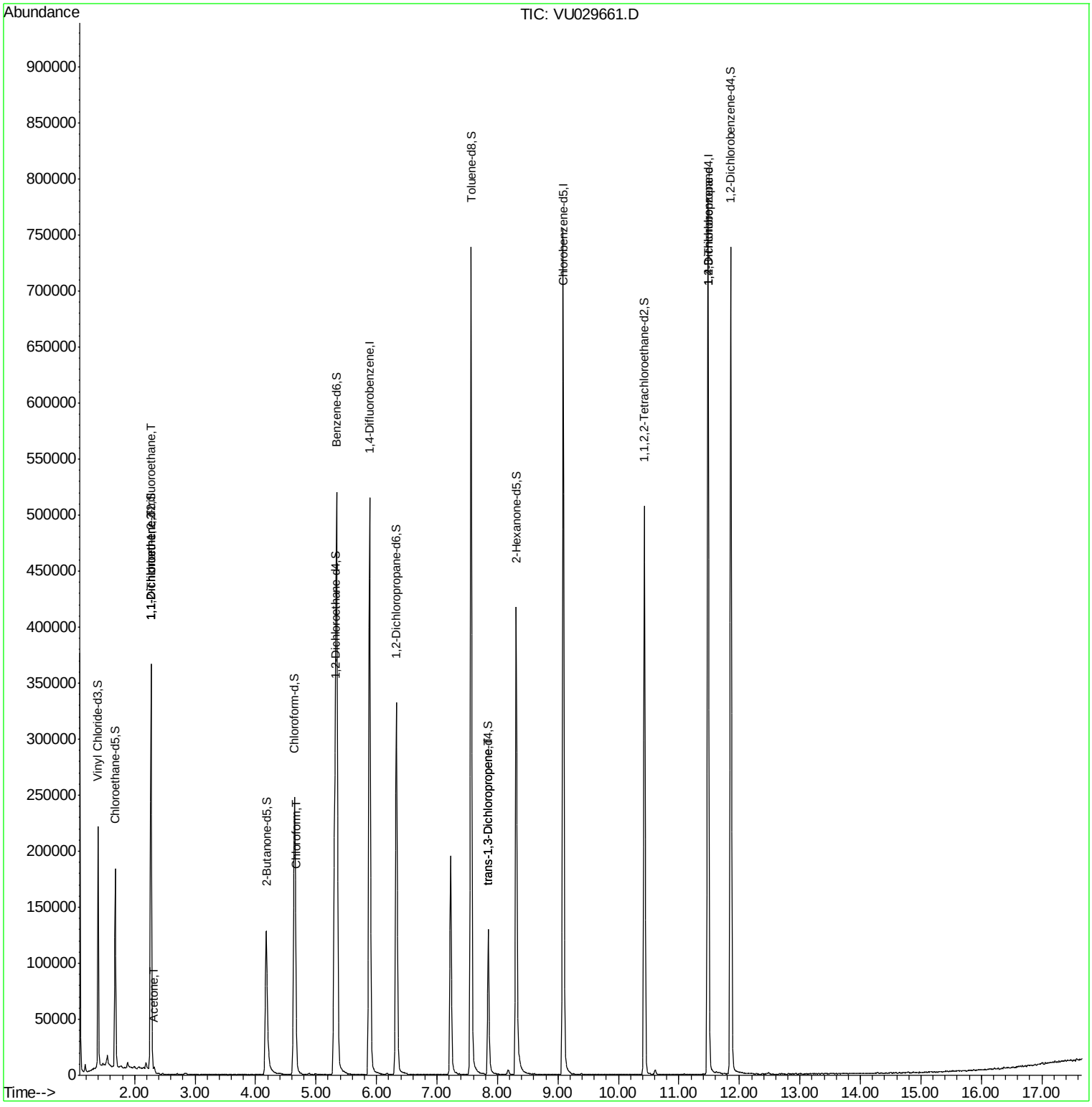
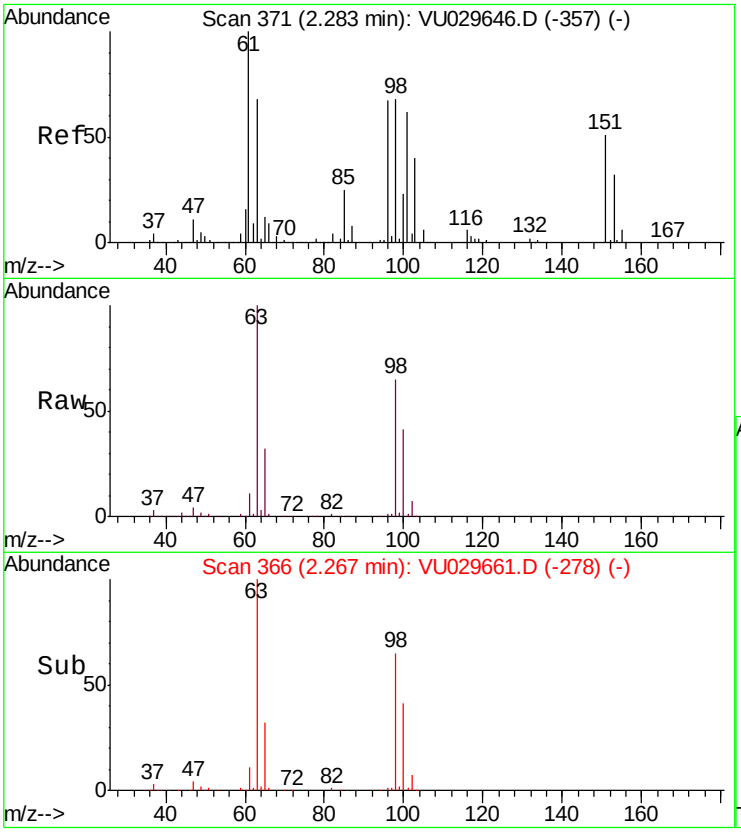
Response via : Initial Calibration



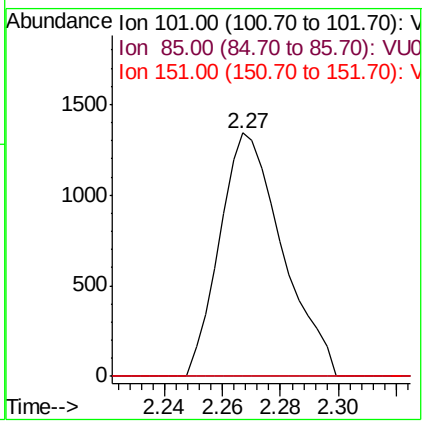


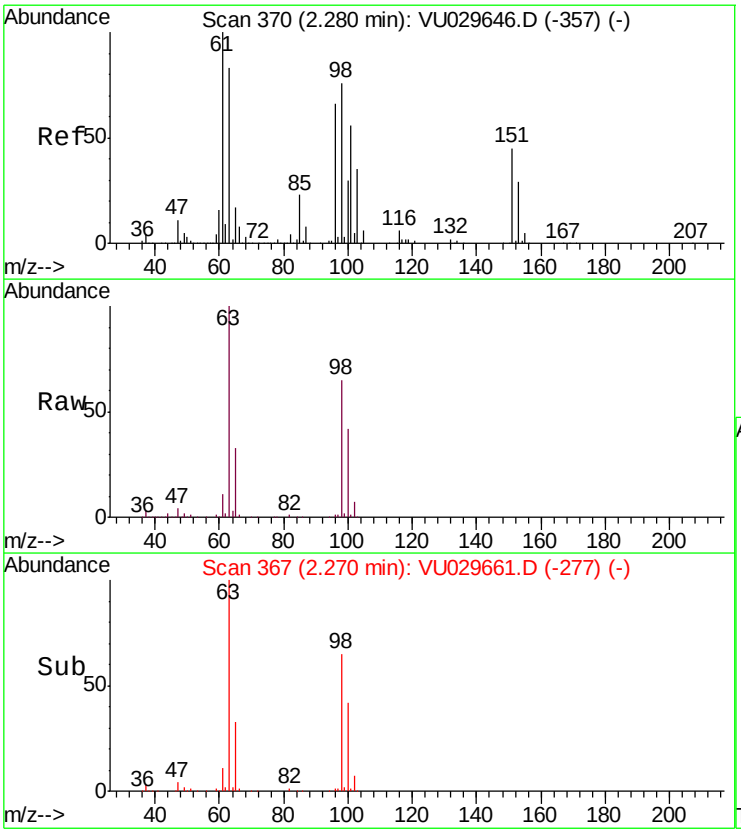
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.611 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Instrument :
MSVOA_U
ClientSampleId :
BF7Y6

Tgt Ion:101 Resp: 2014

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

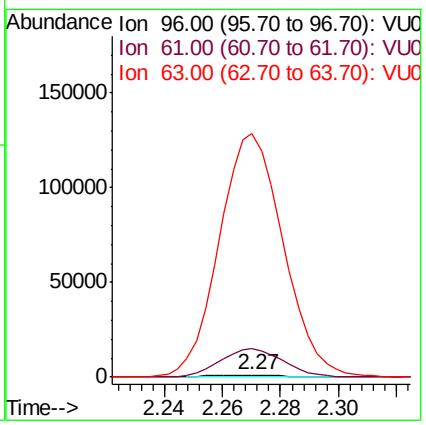


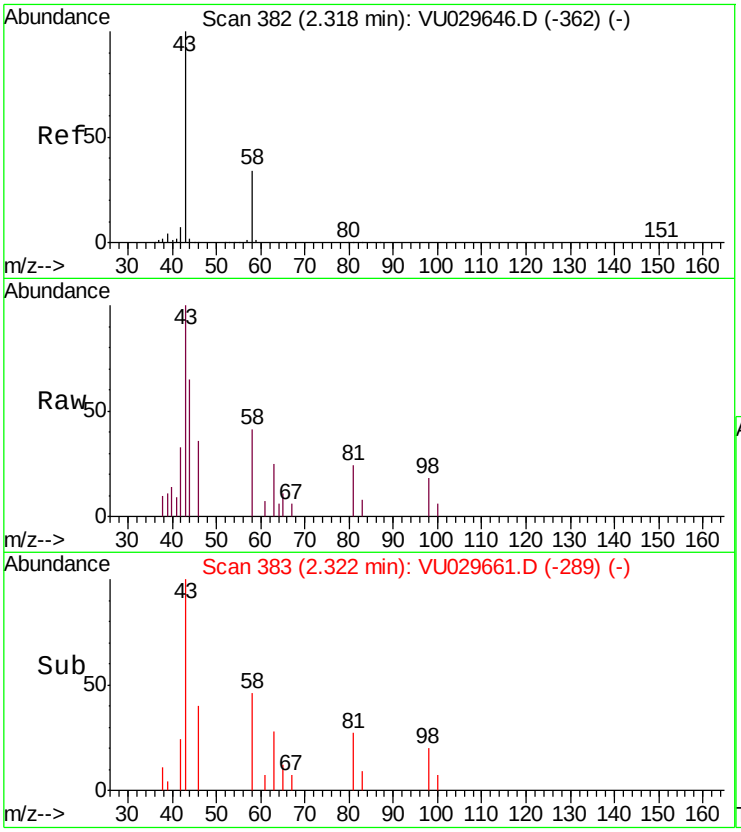


#12
1,1-Dichloroethene
Concen: 0.606 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Tgt Ion: 96 Resp: 1897

Ion	Ratio	Lower	Upper
96	100		
61	1359.1	114.0	211.8#
63	11825.6	98.7	183.3#



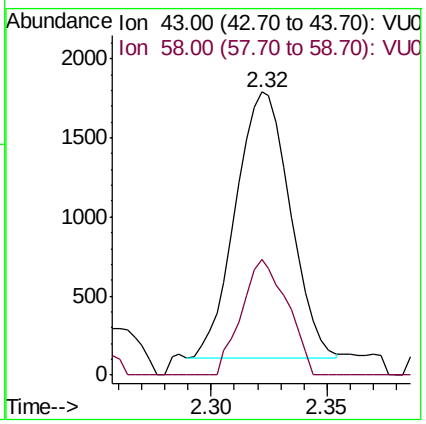


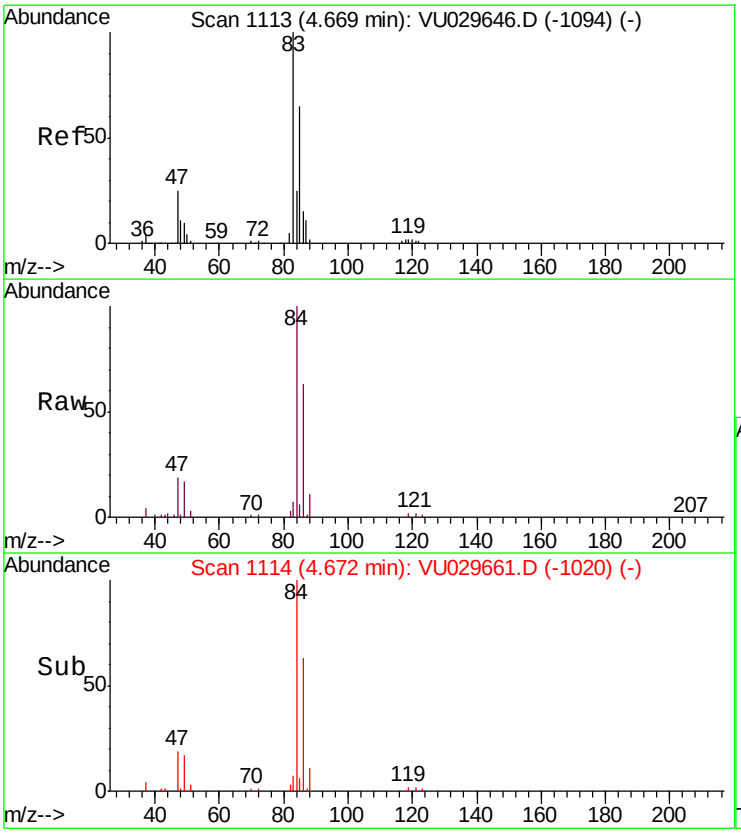
#13
Acetone
Concen: 1.218 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Instrument : MSVOA_U
ClientSampleId : BF7Y6

Tgt Ion: 43 Resp: 2745

Ion	Ratio	Lower	Upper
43	100		
58	36.6	0.0	66.8

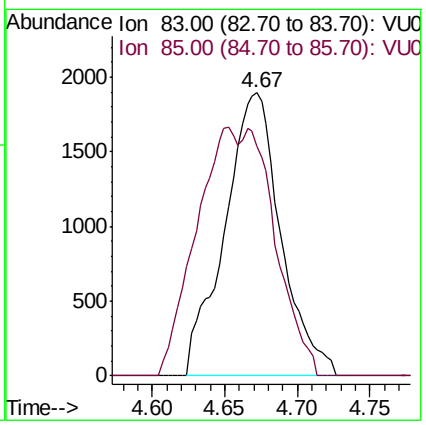


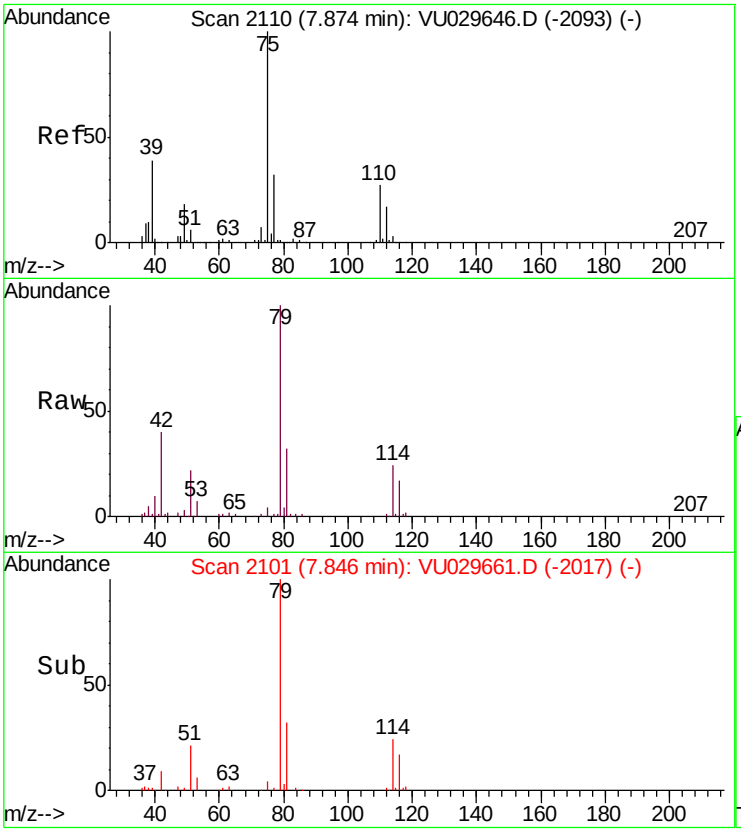


#25
Chloroform
Concen: 0.917 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Tgt Ion: 83 Resp: 5116

Ion	Ratio	Lower	Upper
83	100		
85	80.9	45.4	84.2



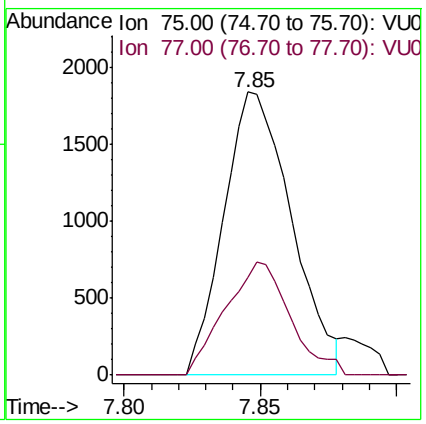


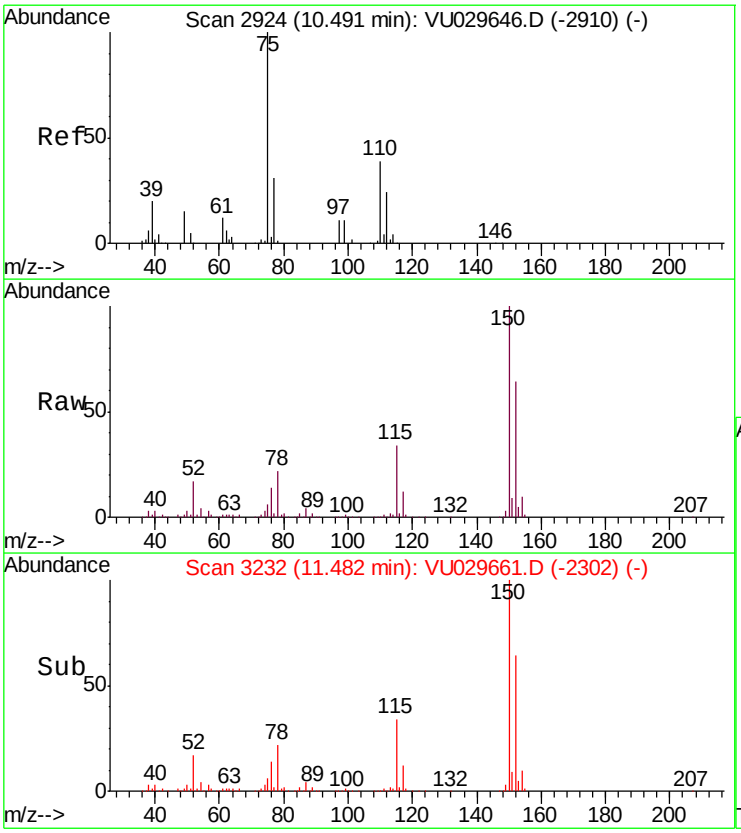
#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Instrument :
MSVOA_U
ClientSampleId :
BF7Y6

Tgt Ion: 75 Resp: 3169

Ion	Ratio	Lower	Upper
75	100		
77	34.6	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.122 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029661.D
Acq: 25 Feb 2019 16:27

Tgt Ion: 75 Resp: 22130

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.7	38.5