Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031143.D
Acq On : 12 Apr 2019 20:54
Operator : JC/SP
Sample : K2403-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5129

Quant Time: Apr 13 01:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207721	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	206008	46.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.34%			
7) Chloroethane-d5	1.68	69	157096	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.78%			
11) 1,1-Dichloroethene-d2	2.26	63	261837	32.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.60%			
21) 2-Butanone-d5	4.17	46	290768	83.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.11%			
24) Chloroform-d	4.76	84	289	0.04	ug/L	0.12
Spiked Amount 50.000	Range 70 - 125		Recovery = 0.08%#			
26) 1,2-Dichloroethane-d4	5.31	65	207421	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.16%			
32) Benzene-d6	5.33	84	608993	42.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.70%			
36) 1,2-Dichloropropane-d6	6.32	67	216920	44.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.06%			
41) Toluene-d8	7.56	98	548445	43.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.06%			
43) trans-1,3-Dichloropropene-	7.85	79	91611	41.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.50%			
47) 2-Hexanone-d5	8.31	63	179442	80.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297971	45.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.70%			
64) 1,2-Dichlorobenzene-d4	11.86	152	200427	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.12%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2297	0.649	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1931	0.565	ug/L #	1
13) Acetone	2.32	43	150850	42.138	ug/L	99
22) 2-Butanone	4.27	43	74905	17.846	ug/L	90
25) Chloroform	4.67	83	8761	1.164	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5926	0.923	ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	3752	0.663	ug/L #	66
48) 2-Hexanone	8.37	43	13772	2.433	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	24394	4.515	ug/L	90

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

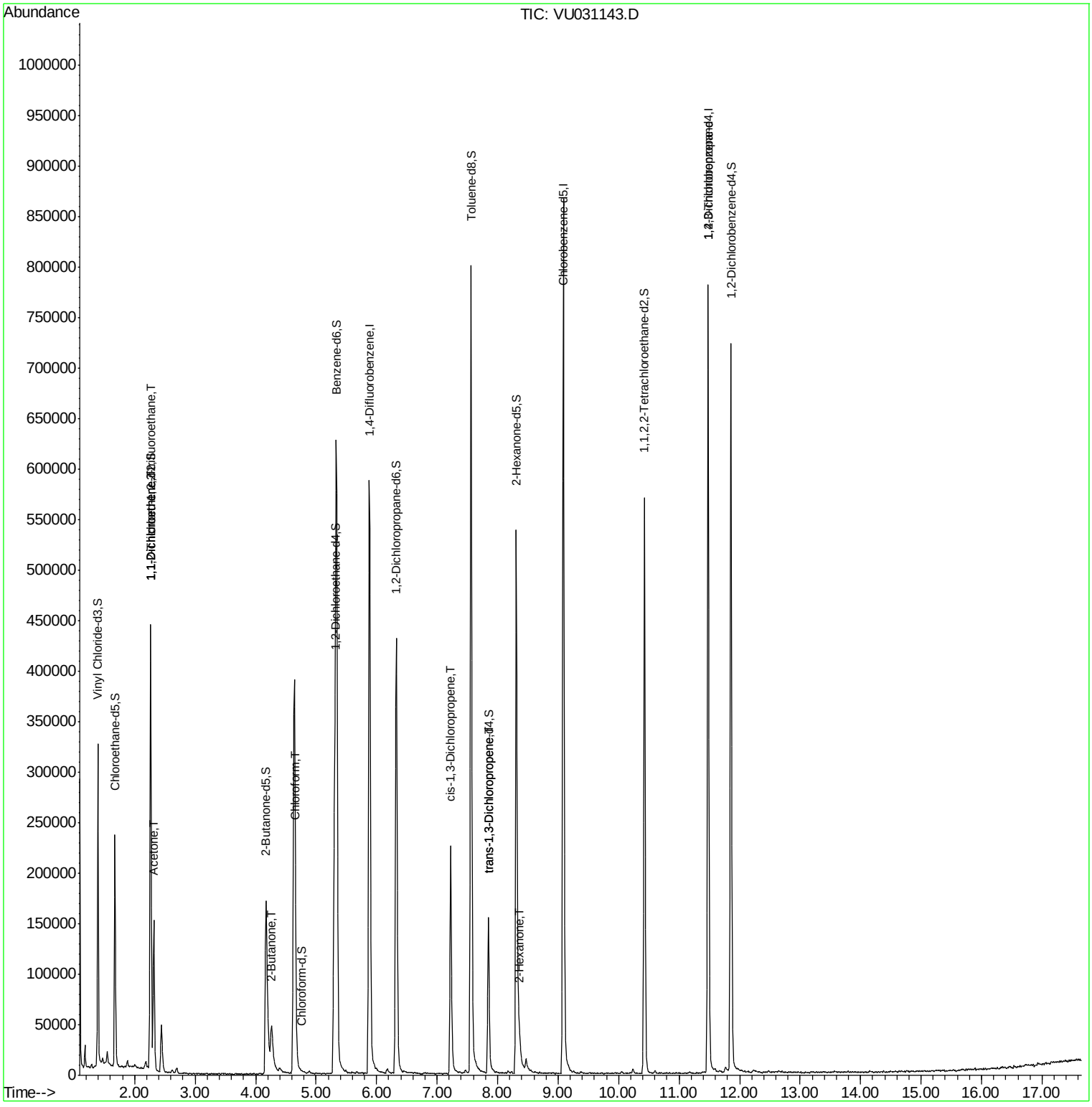
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

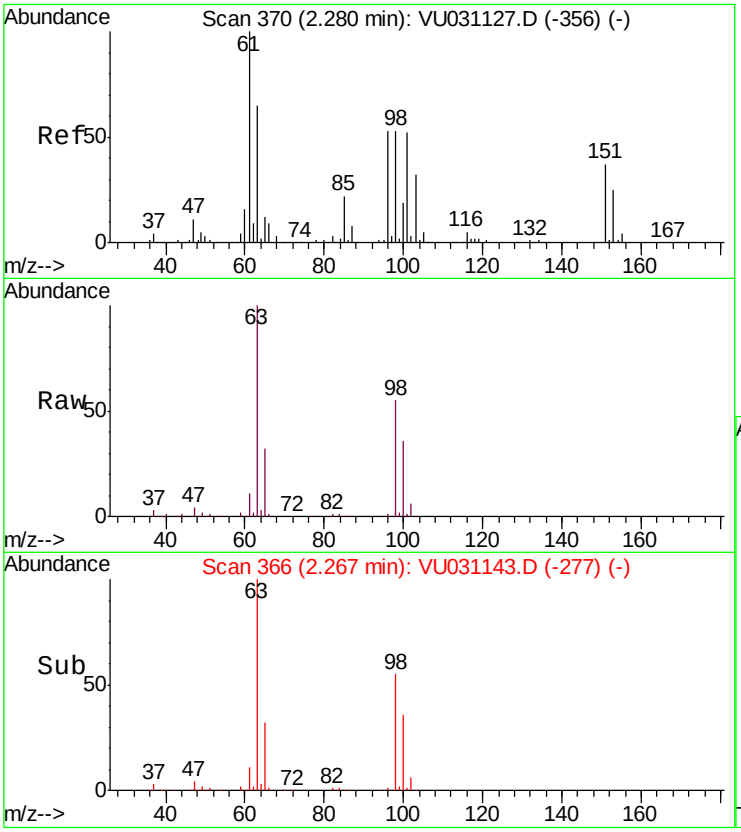
Quantitation Report (Not Reviewed)

Data File : VU031143.D
Acq On : 12 Apr 2019 20:54
Operator : JC/SP
Sample : K2403-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5129

Quant Time: Apr 13 01:07:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration



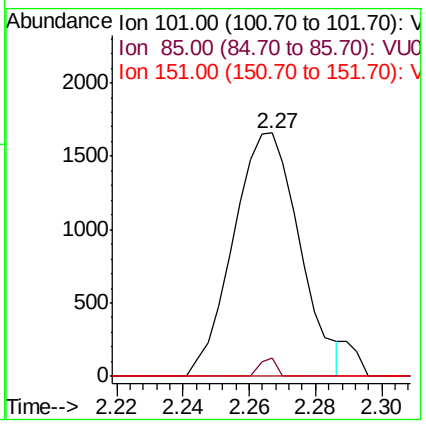


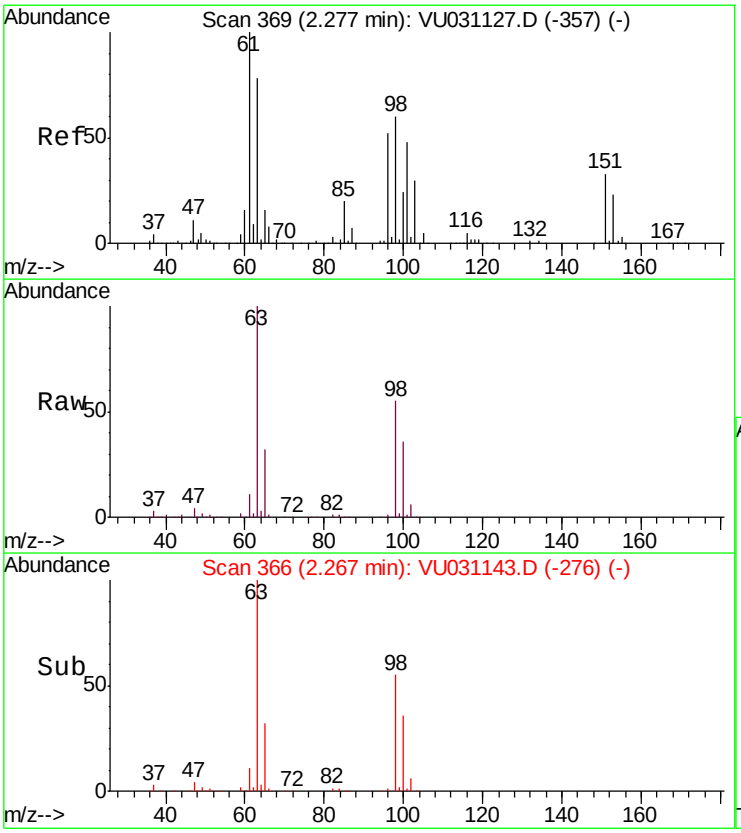
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.649 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
A5129

Tgt Ion:101 Resp: 2297

Ion	Ratio	Lower	Upper
101	100		
85	1.9	36.8	55.2#
151	0.0	57.4	86.0#

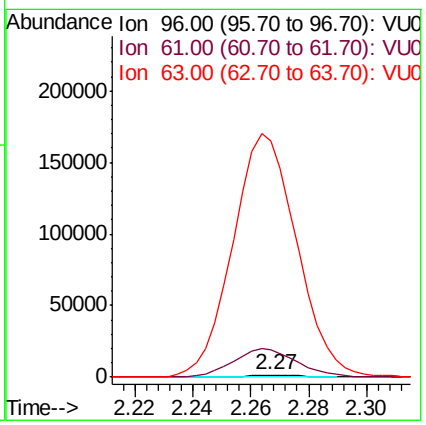


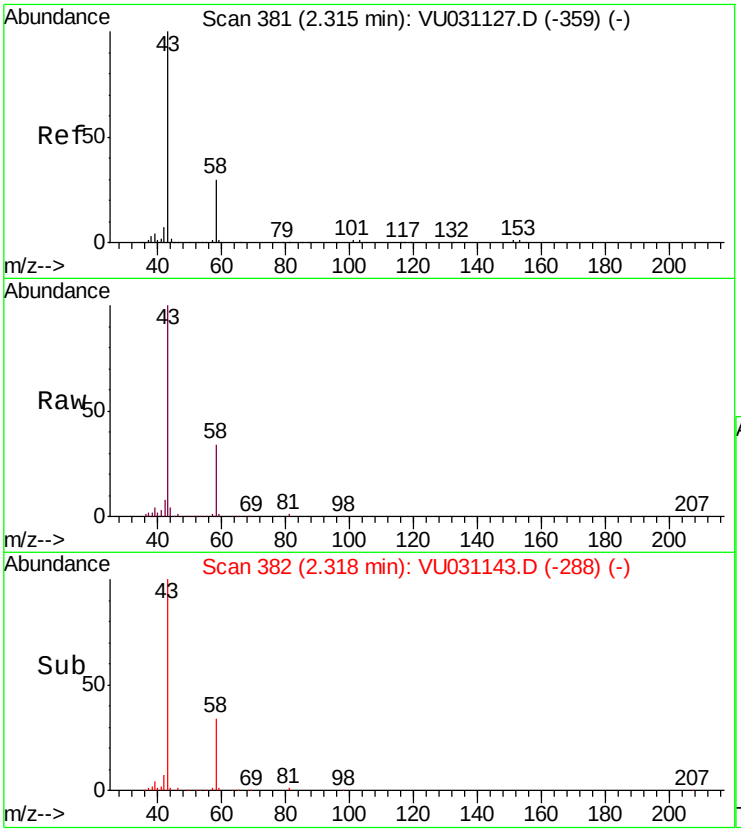


#12
1,1-Dichloroethene
Concen: 0.565 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Tgt Ion: 96 Resp: 1931

Ion	Ratio	Lower	Upper
96	100		
61	1436.6	132.0	245.2#
63	12537.6	90.9	168.9#



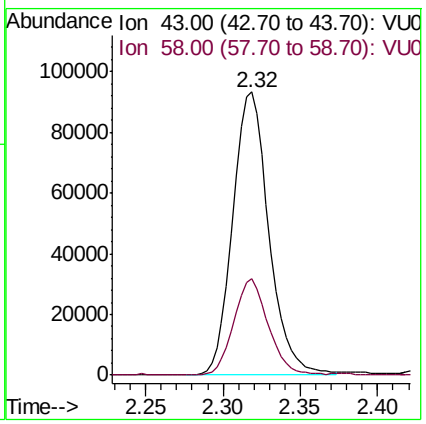


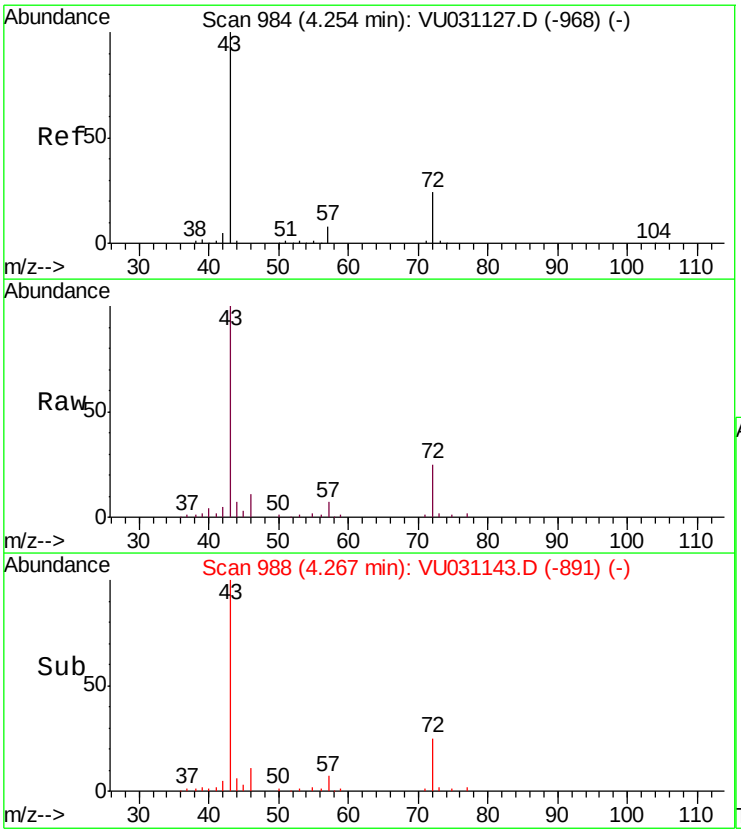
#13
Acetone
Concen: 42.138 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Instrument : MSVOA_U
ClientSampleId : A5129

Tgt Ion: 43 Resp: 150850

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	64.0

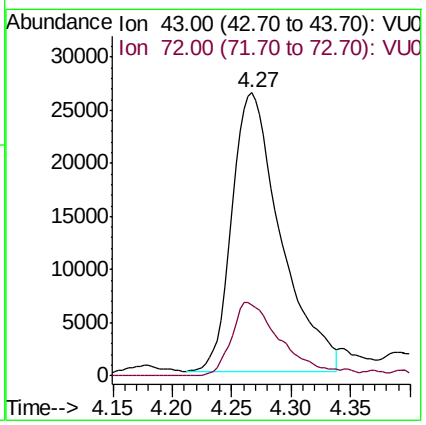


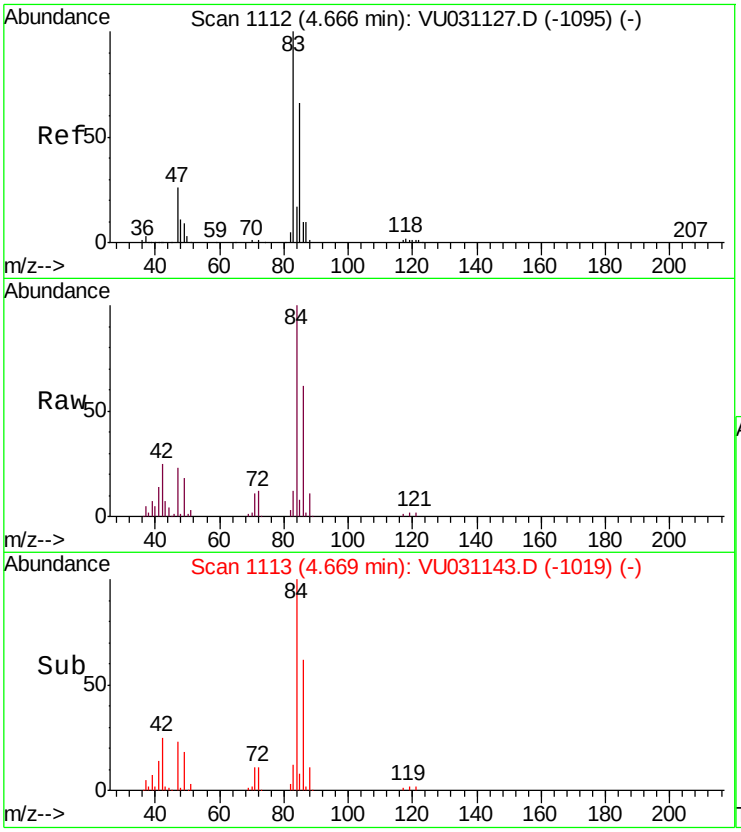


#22
2-Butanone
Concen: 17.846 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Tgt Ion: 43 Resp: 74905

Ion	Ratio	Lower	Upper
43	100		
72	26.3	10.8	32.4



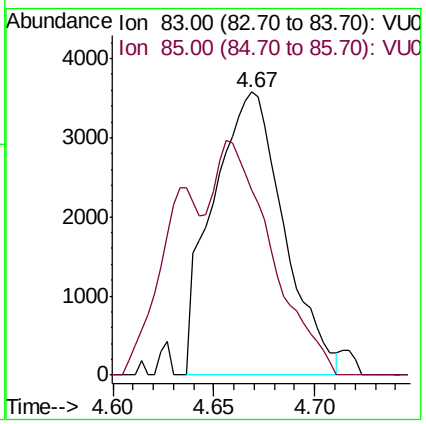


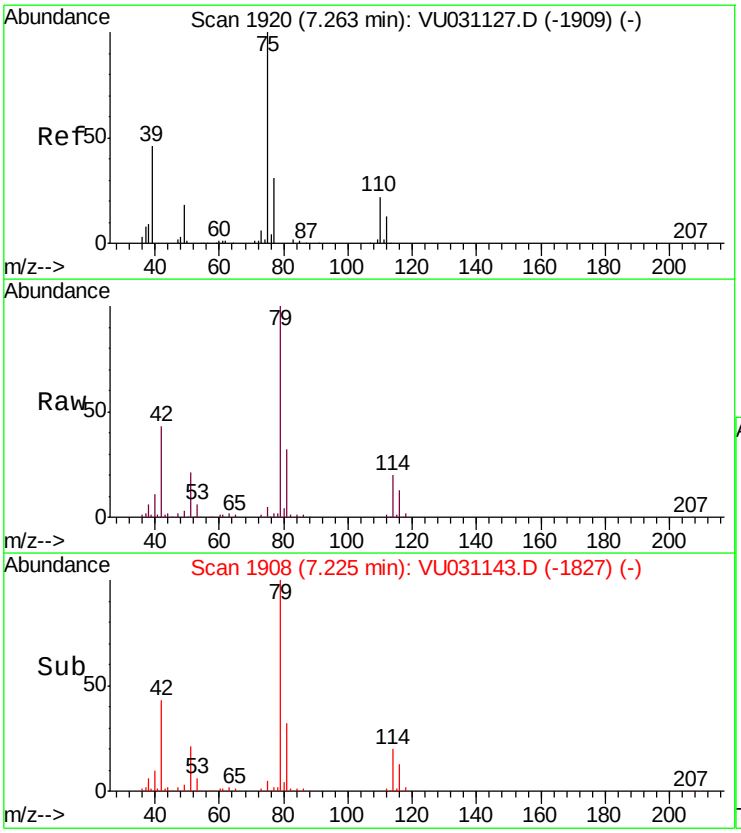
#25
Chloroform
Concen: 1.164 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Instrument : MSVOA_U
ClientSampleId : A5129

Tgt Ion: 83 Resp: 8761

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.8	85.0

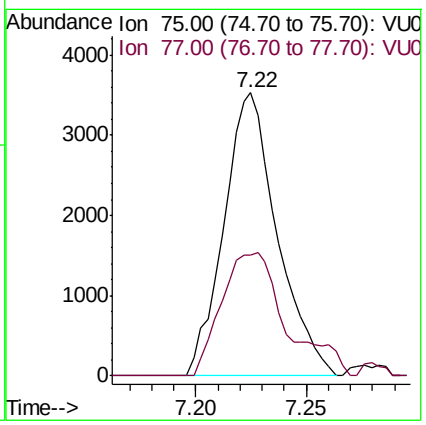


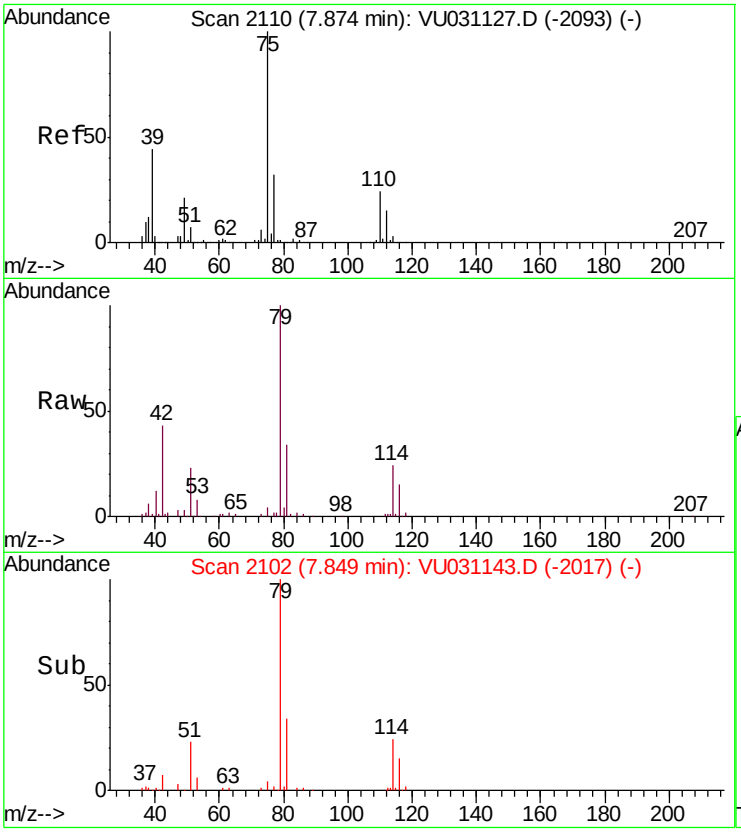


#39
cis-1,3-Dichloropropene
Concen: 0.923 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Tgt Ion: 75 Resp: 5926

Ion	Ratio	Lower	Upper
75	100		
77	42.7	23.1	42.9



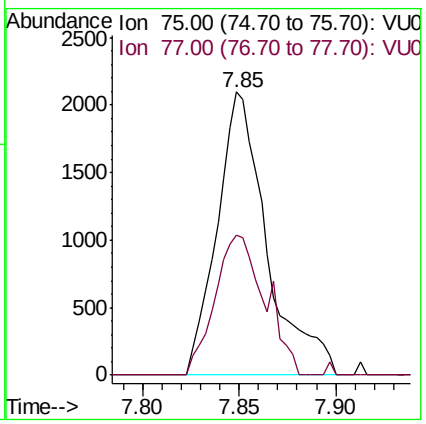


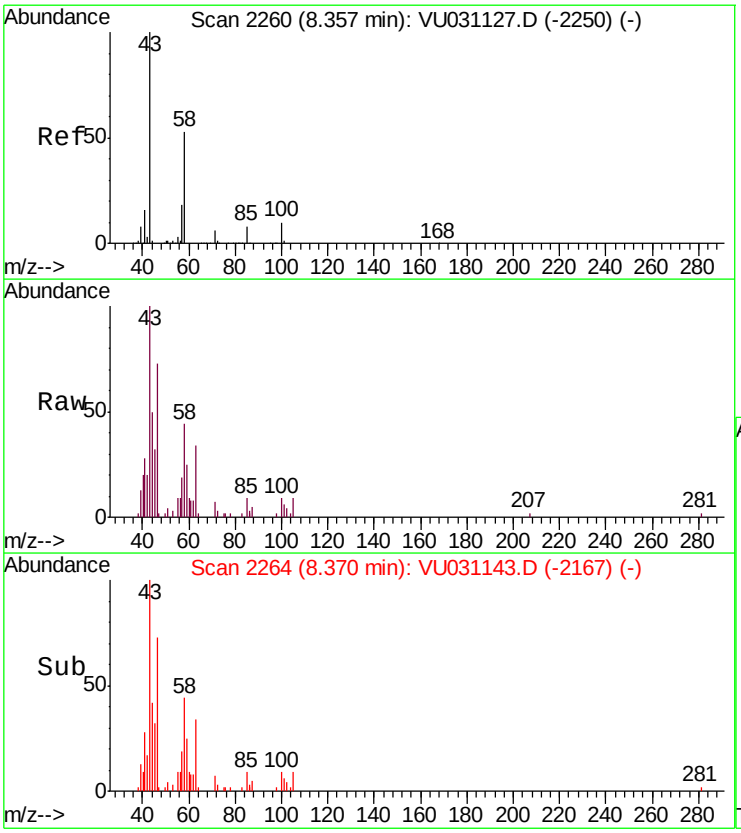
#44
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
A5129

Tgt Ion: 75 Resp: 3752

Ion	Ratio	Lower	Upper
75	100		
77	49.4	21.6	40.0#

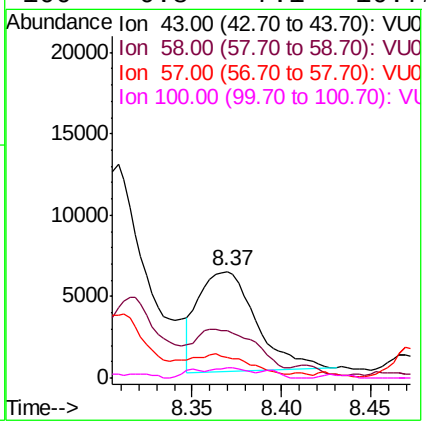


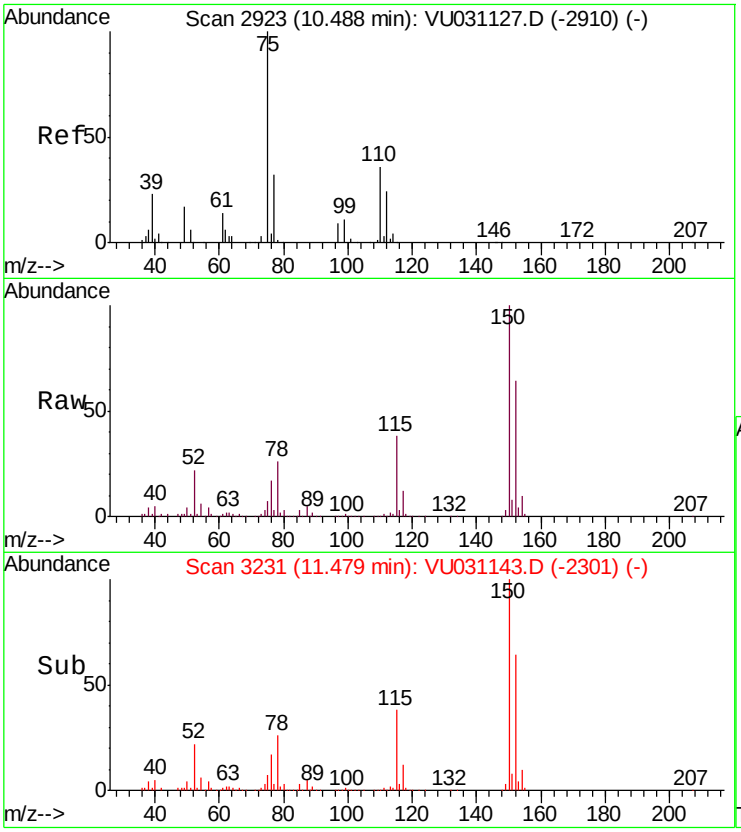


#48
2-Hexanone
Concen: 2.433 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Tgt Ion: 43 Resp: 13772

Ion	Ratio	Lower	Upper
43	100		
58	53.2	41.9	62.9
57	0.0	14.3	21.5#
100	0.8	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 4.515 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
A5129

Tgt Ion: 75 Resp: 24394

Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.1	39.1