Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (Not Reviewed)

Data File : VU030760.D
Acq On : 05 Apr 2019 22:45
Operator : JC/SP
Sample : K2303-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF8C0

Quant Time: Apr 06 02:22:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470201	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192263	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	176578	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.14%			
7) Chloroethane-d5	1.68	69	145503	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.34%			
11) 1,1-Dichloroethene-d2	2.43	63	383	0.05	ug/L	0.16
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.10%#			
21) 2-Butanone-d5	4.17	46	359587	108.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.09%			
24) Chloroform-d	4.64	84	285688	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.12%			
26) 1,2-Dichloroethane-d4	5.31	65	217015	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
32) Benzene-d6	5.33	84	607870	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.08%			
36) 1,2-Dichloropropane-d6	6.32	67	220231	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.30%			
41) Toluene-d8	7.56	98	511209	43.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.42%			
43) trans-1,3-Dichloropropene-	7.85	79	91798	44.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.02%			
47) 2-Hexanone-d5	8.31	63	211033	100.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.94%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302321	49.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	183220	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.92%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2229	0.662	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1978	0.609	ug/L #	1
13) Acetone	2.32	43	9443	2.774	ug/L	99
25) Chloroform	4.67	83	26601	3.716	ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	4522	0.750	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	3524	0.663	ug/L	84
48) 2-Hexanone	8.31	43	27636	5.199	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	25030	4.933	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (Not Reviewed)

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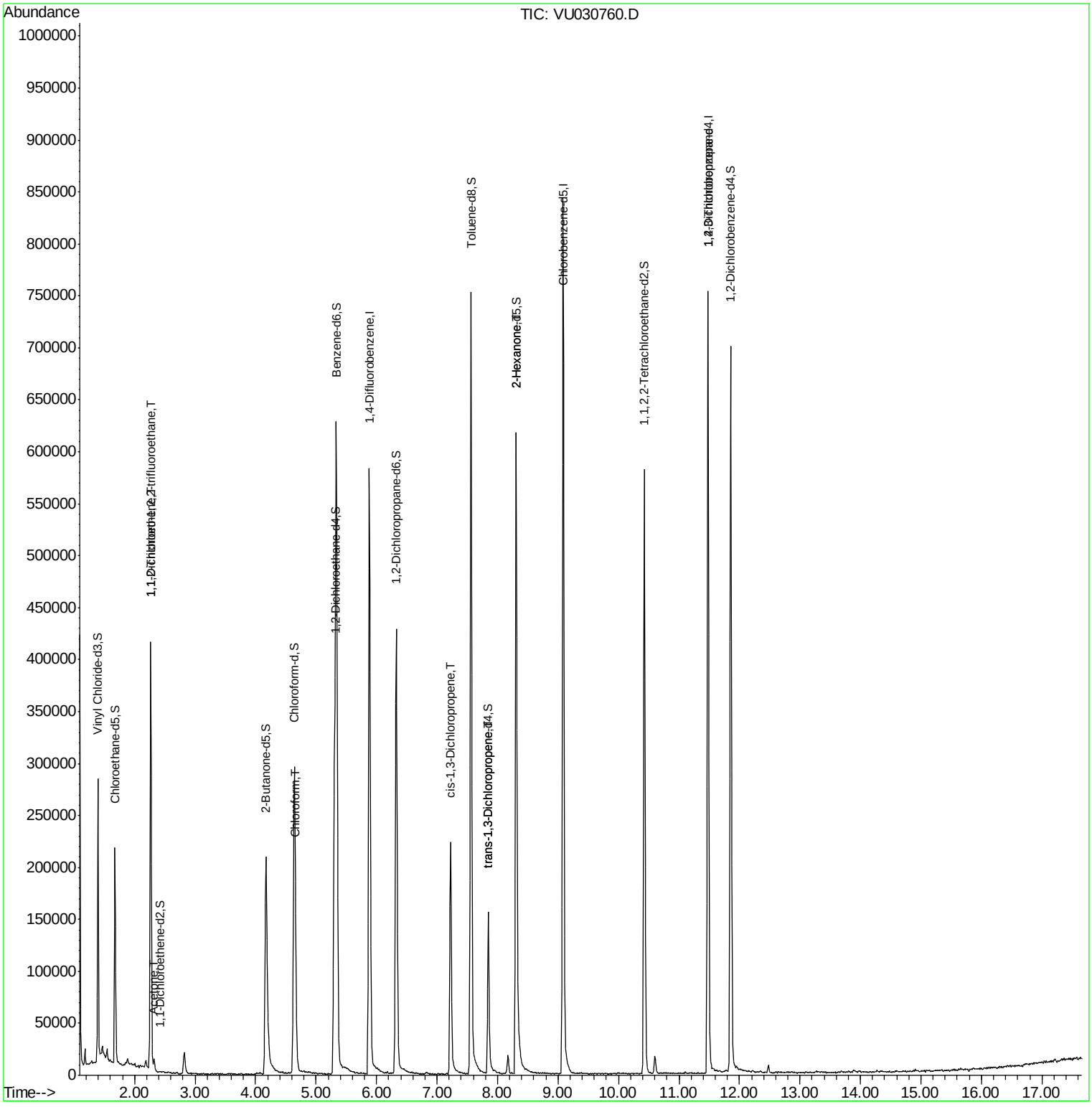
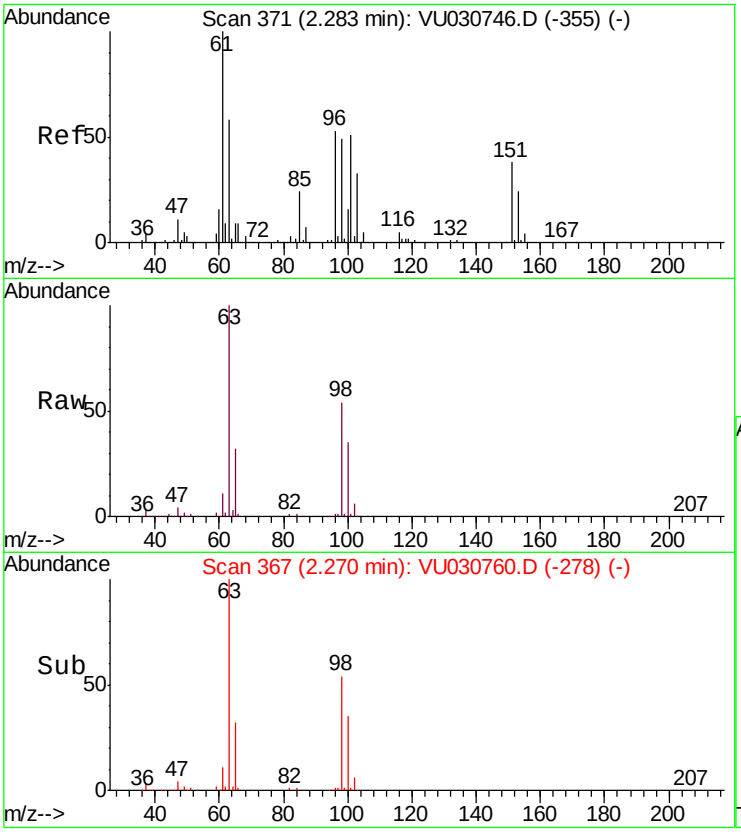
Sample : K2303-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF8C0

Quant Time: Apr 06 02:22:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration



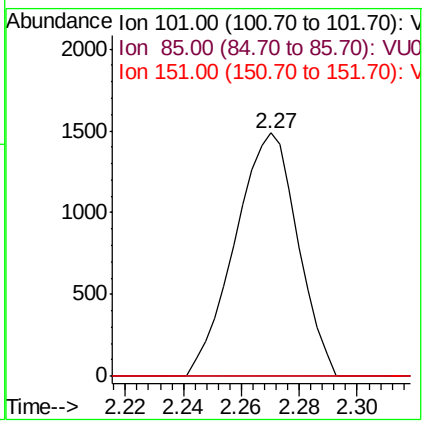


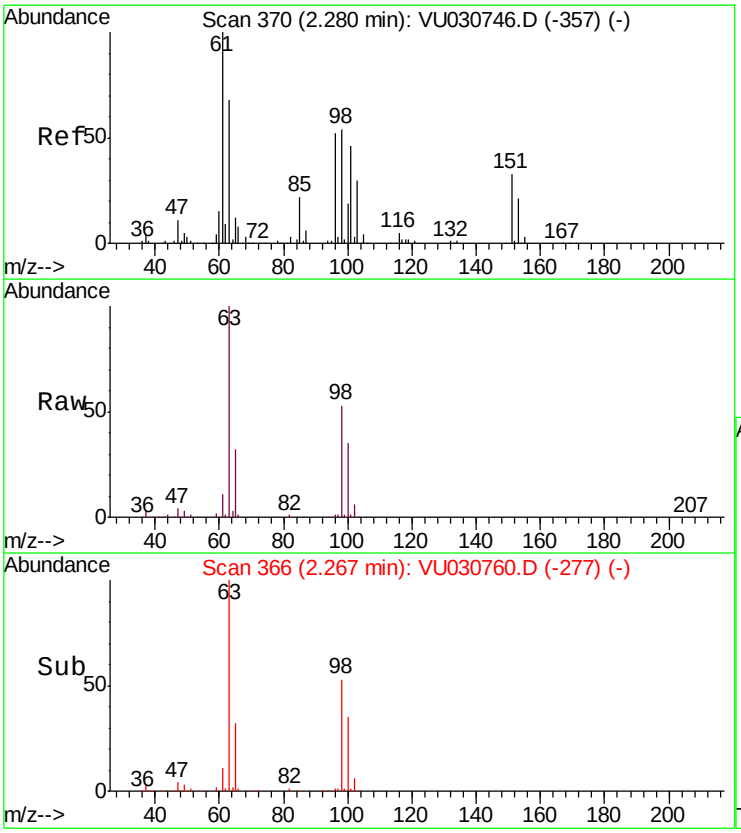
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Instrument :
MSVOA_U
ClientSampleId :
BF8C0

Tgt Ion:101 Resp: 2229

Ion	Ratio	Lower	Upper
101	100		
85	2.0	36.8	55.2#
151	0.0	57.4	86.0#

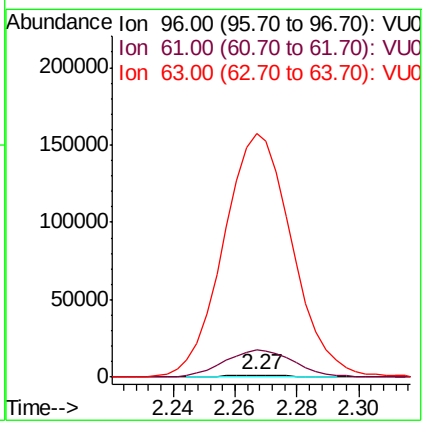


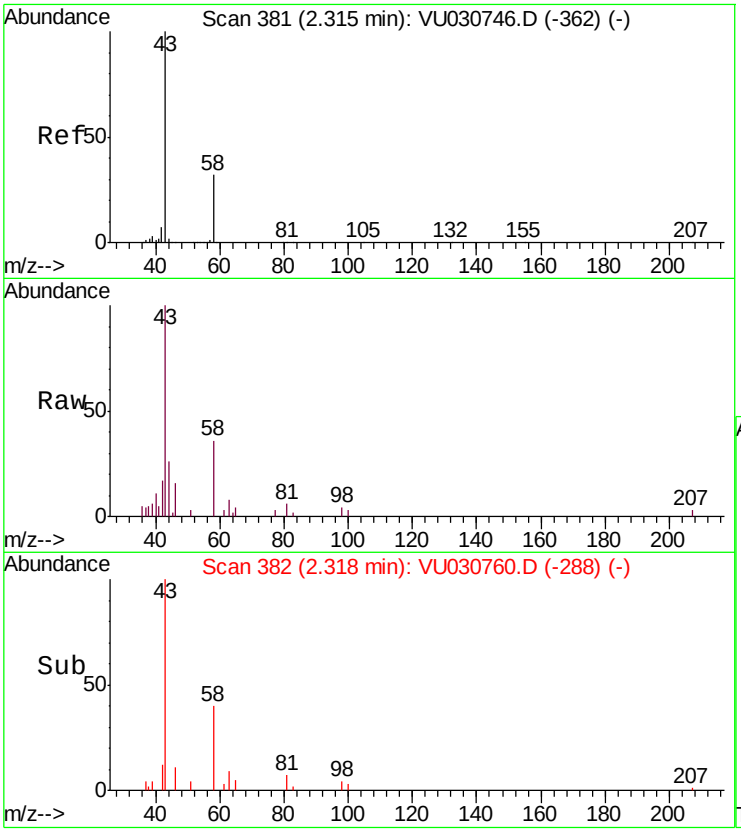


#12
1,1-Dichloroethene
Concen: 0.609 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Tgt Ion: 96 Resp: 1978

Ion	Ratio	Lower	Upper
96	100		
61	1210.0	132.0	245.2#
63	10909.3	90.9	168.9#



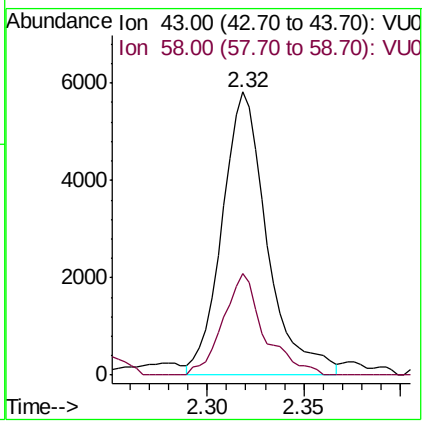


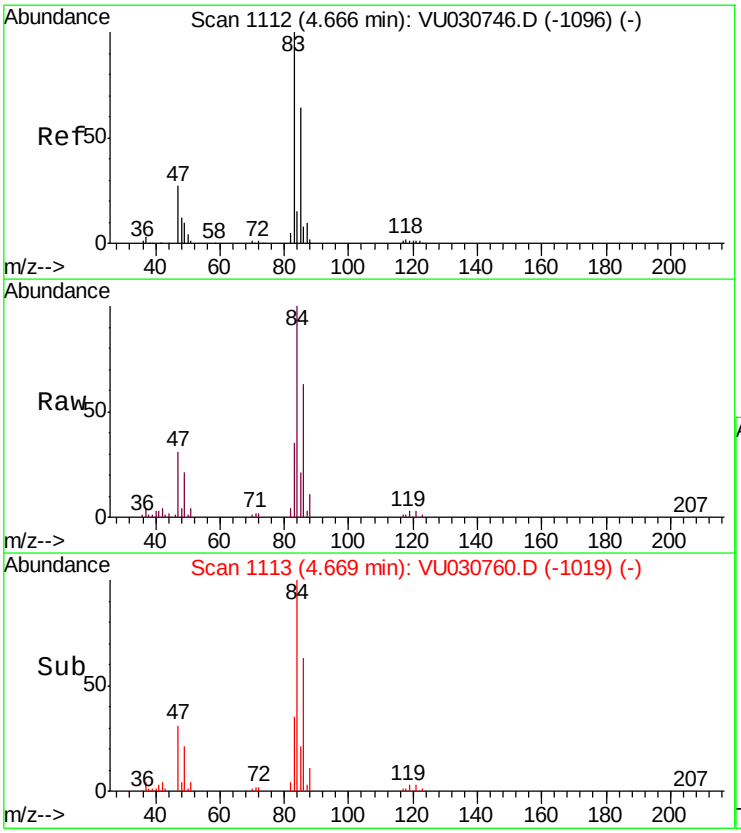
#13
Acetone
Concen: 2.774 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Instrument :
MSVOA_U
ClientSampleId :
BF8C0

Tgt Ion: 43 Resp: 9443

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	64.0

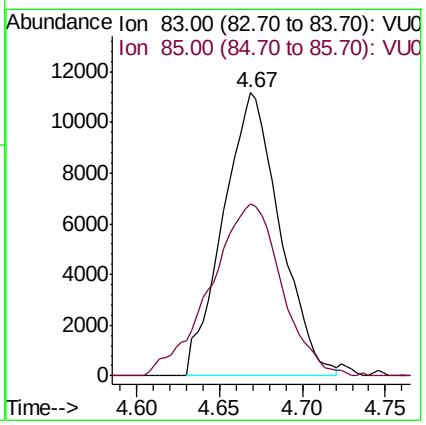


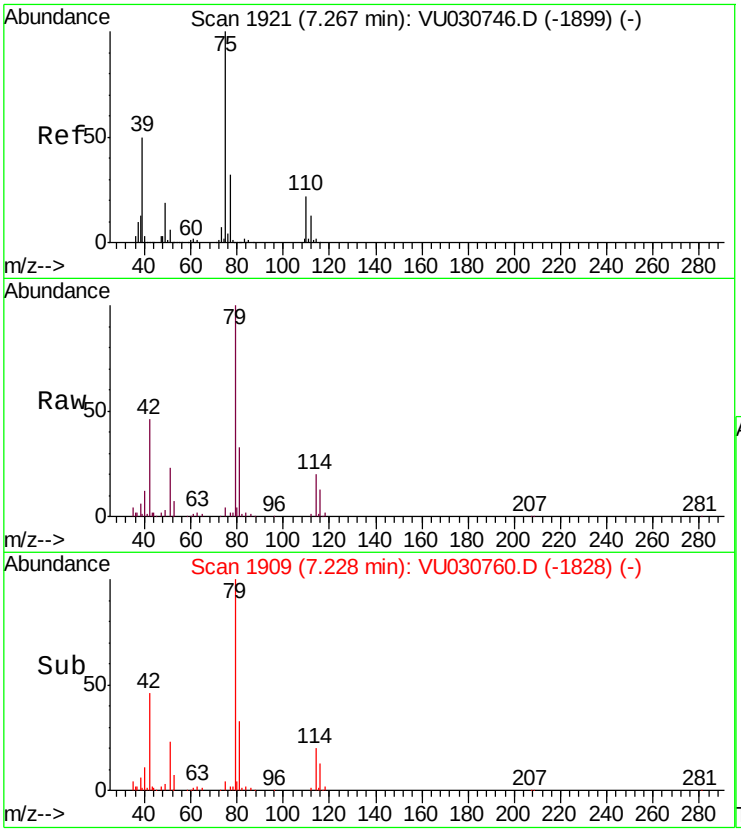


#25
Chloroform
Concen: 3.716 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Tgt Ion: 83 Resp: 26601

Ion	Ratio	Lower	Upper
83	100		
85	60.6	45.8	85.0



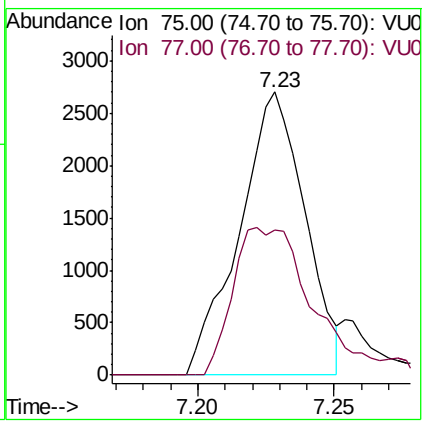


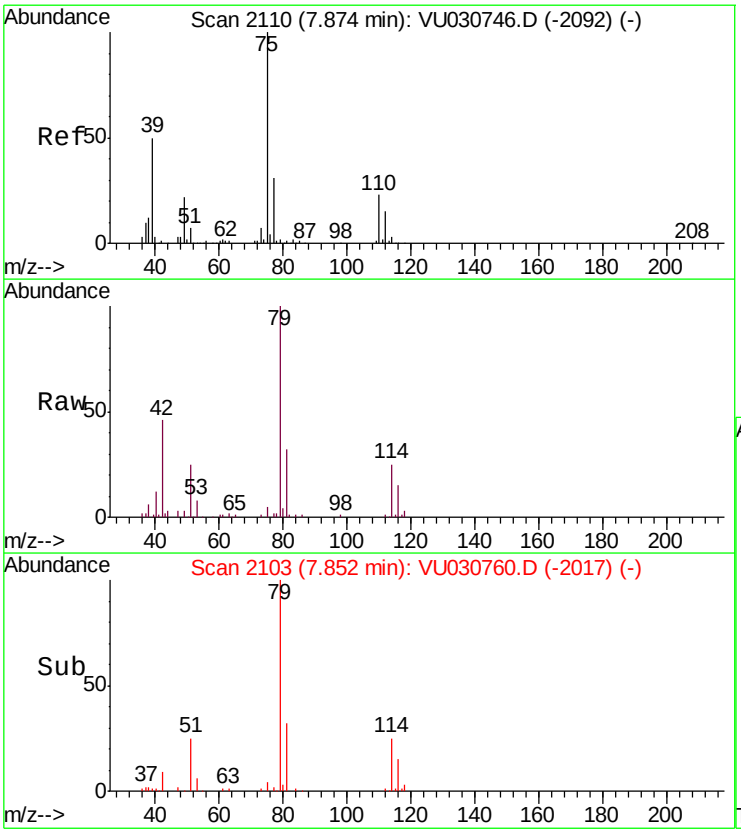
#39
cis-1,3-Dichloropropene
Concen: 0.750 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Instrument :
MSVOA_U
ClientSampleId :
BF8C0

Tgt Ion: 75 Resp: 4522

Ion	Ratio	Lower	Upper
75	100		
77	51.4	23.1	42.9#

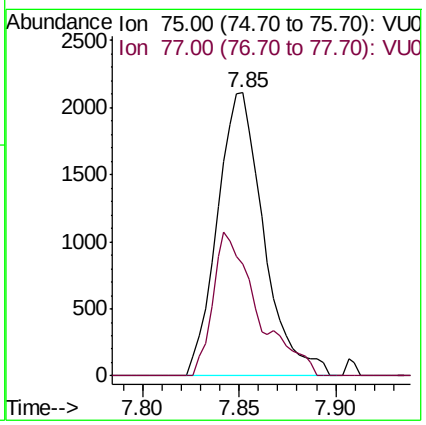


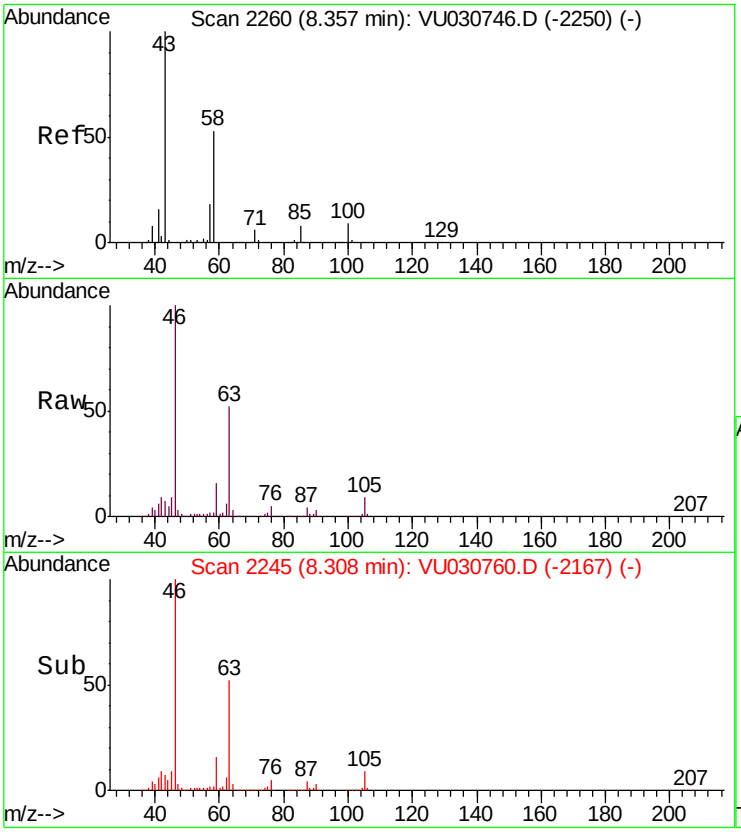


#44
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Tgt Ion: 75 Resp: 3524

Ion	Ratio	Lower	Upper
75	100		
77	39.5	21.6	40.0



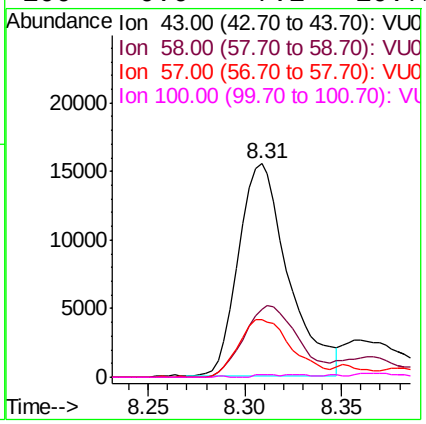


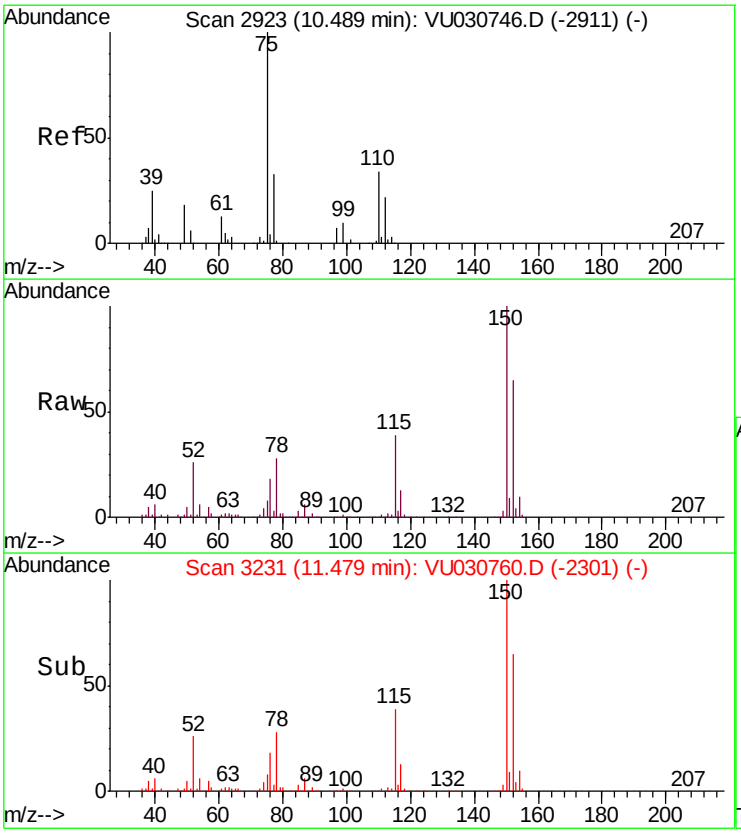
#48
2-Hexanone
Concen: 5.199 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Instrument : MSVOA_U
ClientSampleId : BF8C0

Tgt Ion: 43 Resp: 27636

Ion	Ratio	Lower	Upper
43	100		
58	36.9	41.9	62.9#
57	29.4	14.3	21.5#
100	0.6	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 4.933 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030760.D
Acq: 05 Apr 2019 22:45

Tgt Ion: 75 Resp: 25030

Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.1	39.1