Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030232.D
Acq On : 20 Mar 2019 19:00
Operator : JC/SP
Sample : K2017-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C1

Quant Time: Mar 22 01:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	529755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236481	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151523	42.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.60%			
7) Chloroethane-d5	1.68	69	130379	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.04%			
11) 1,1-Dichloroethene-d2	2.27	63	208580	31.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.84%			
21) 2-Butanone-d5	4.17	46	261221	98.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.30%			
24) Chloroform-d	4.65	84	305040	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.31	65	182188	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.18%			
32) Benzene-d6	5.34	84	643255	47.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.30%			
36) 1,2-Dichloropropane-d6	6.33	67	206363	49.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.80%			
41) Toluene-d8	7.56	98	566805	44.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.30%			
43) trans-1,3-Dichloropropene-	7.85	79	91468	44.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.94%			
47) 2-Hexanone-d5	8.31	63	214697	99.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.11%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309710	48.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	237734	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2376	0.668	ug/L #	18
13) Acetone	2.32	43	3878	1.397	ug/L	93
25) Chloroform	4.67	83	28169	4.221	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4867	0.801	ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	3627	0.690	ug/L	91
46) Tetrachloroethene	8.22	164	119163	36.201	ug/L	98
48) 2-Hexanone	8.37	43	5948	1.377	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	23904	4.672	ug/L	94

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

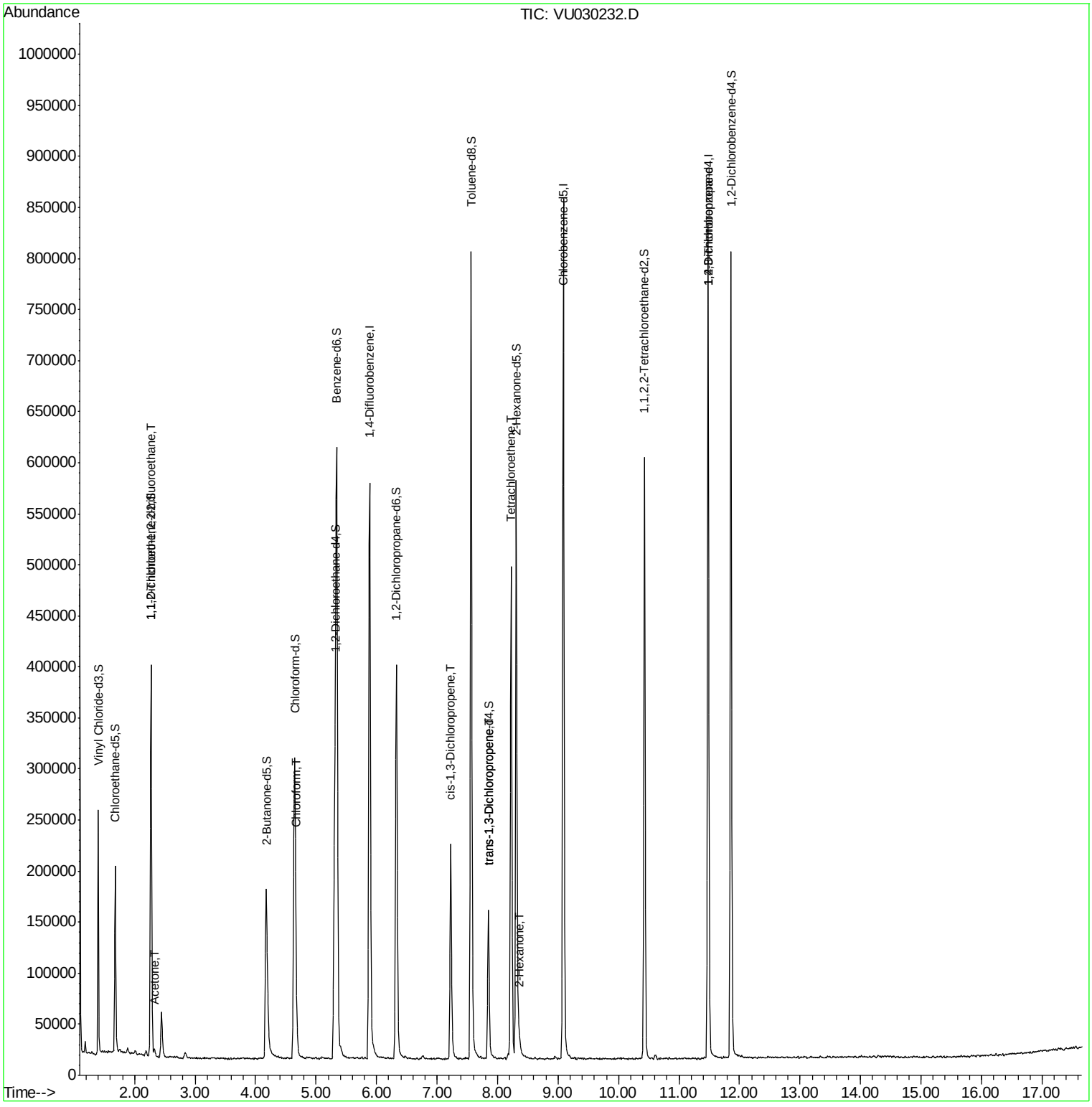
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

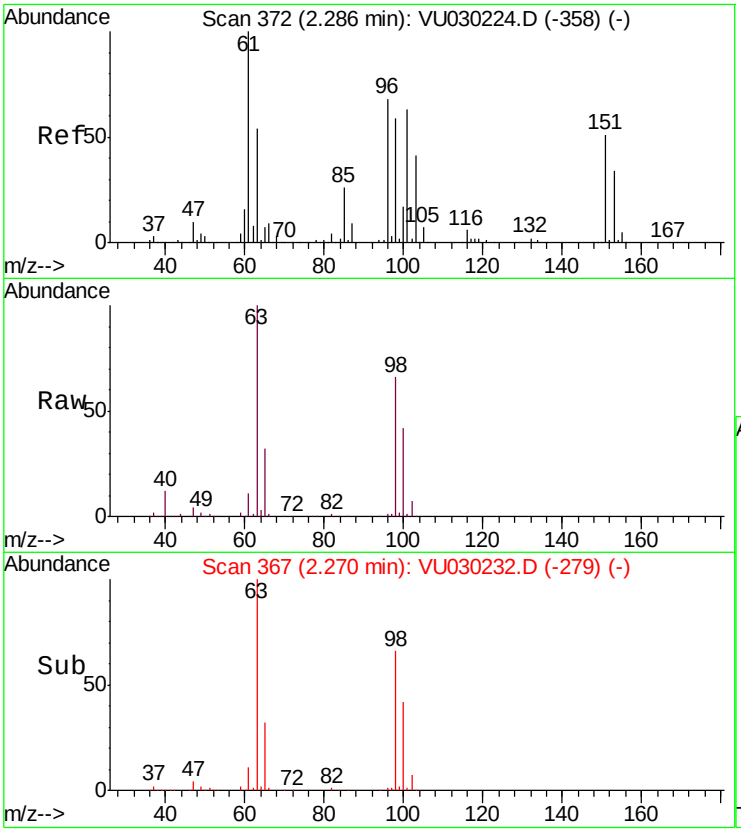
Quantitation Report (Not Reviewed)

Data File : VU030232.D
Acq On : 20 Mar 2019 19:00
Operator : JC/SP
Sample : K2017-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1C1

Quant Time: Mar 22 01:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



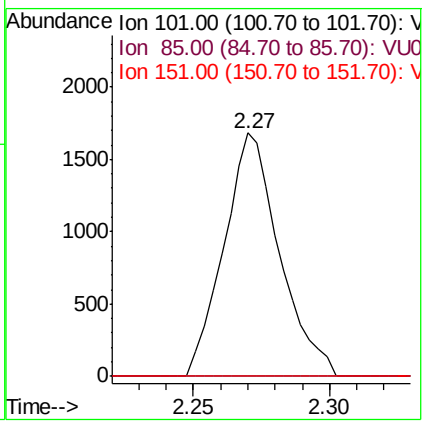


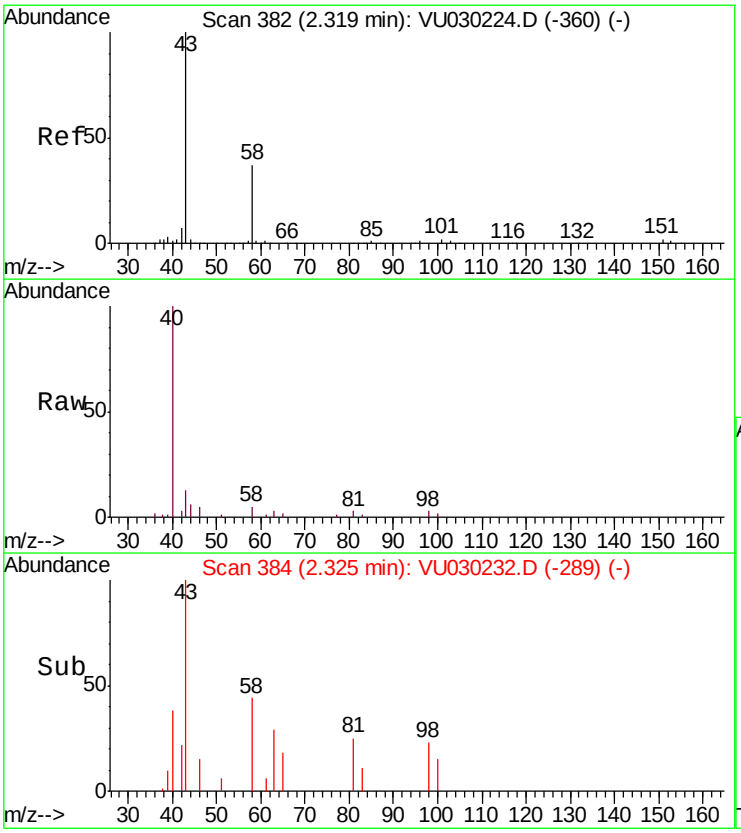
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.668 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Instrument :
MSVOA_U
ClientSampleId :
BF1C1

Tgt Ion:101 Resp: 2376

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#

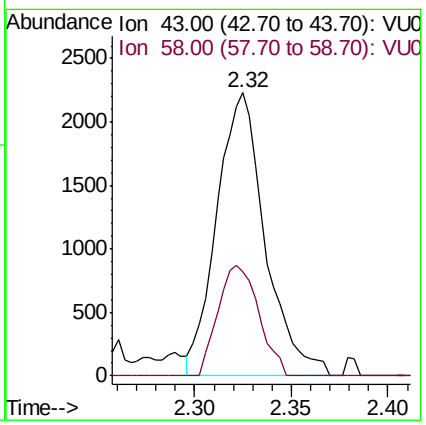


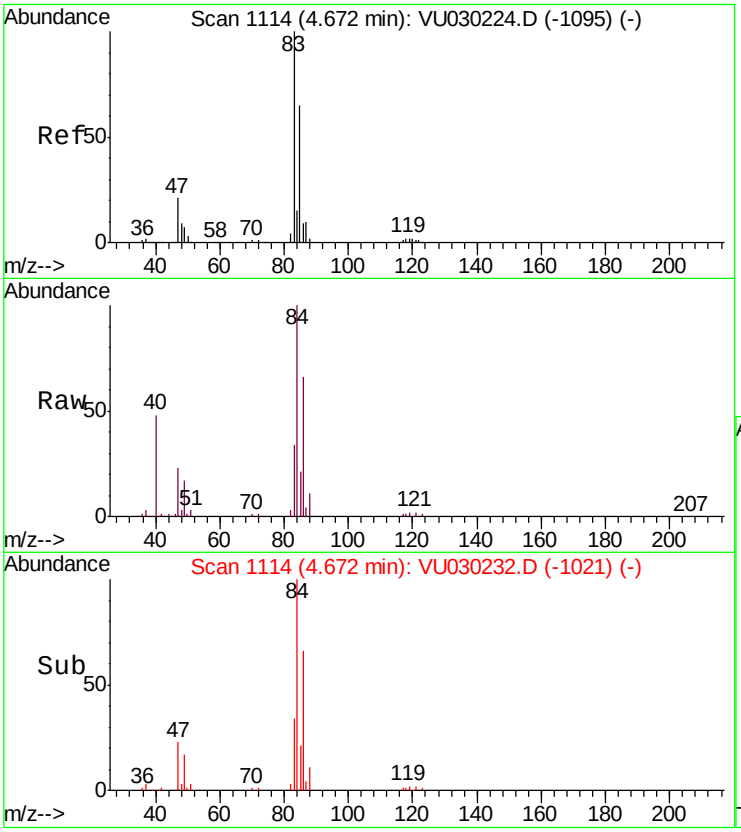


#13
Acetone
Concen: 1.397 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Tgt Ion: 43 Resp: 3878

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	73.4



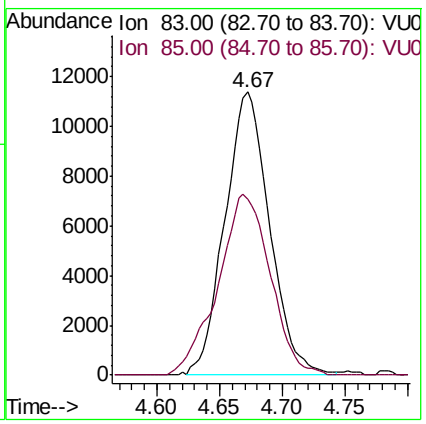


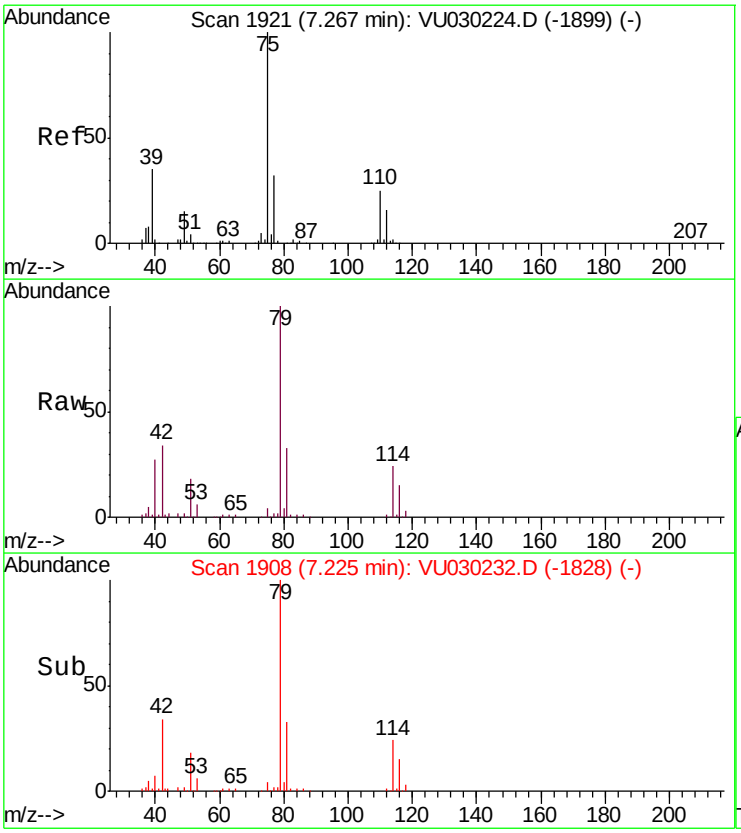
#25
Chloroform
Concen: 4.221 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Instrument :
MSVOA_U
ClientSampleId :
BF1C1

Tgt Ion: 83 Resp: 28169

Ion	Ratio	Lower	Upper
83	100		
85	61.9	45.8	85.2

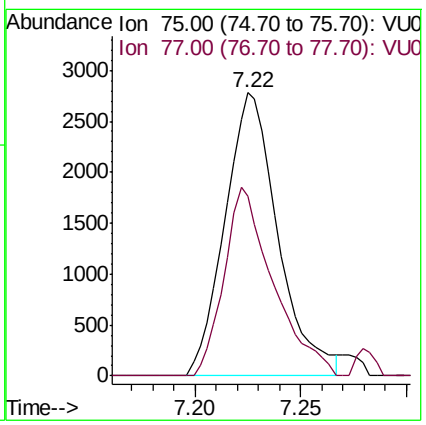


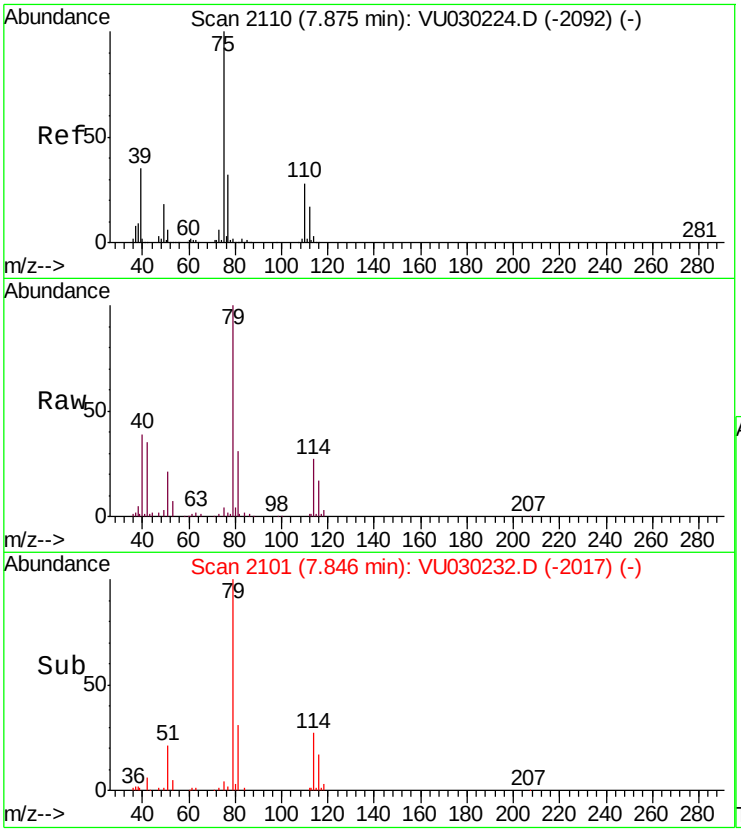


#39
cis-1,3-Dichloropropene
Concen: 0.801 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Tgt Ion: 75 Resp: 4867

Ion	Ratio	Lower	Upper
75	100		
77	63.6	22.1	41.1#



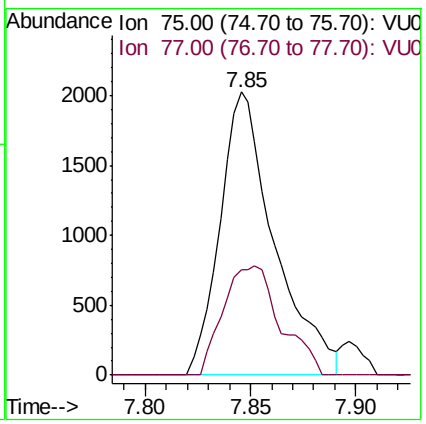


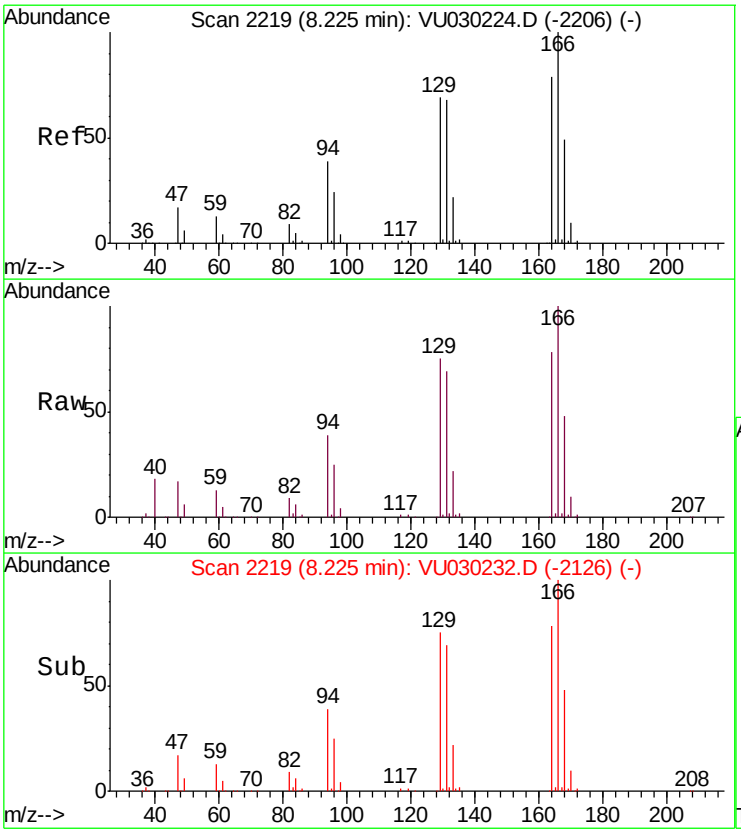
#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Instrument : MSVOA_U
ClientSampleId : BF1C1

Tgt Ion: 75 Resp: 3627

Ion	Ratio	Lower	Upper
75	100		
77	37.4	22.7	42.1

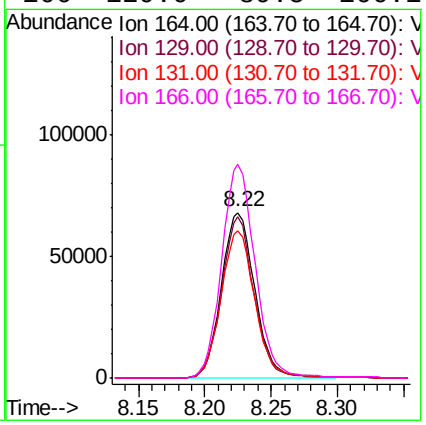


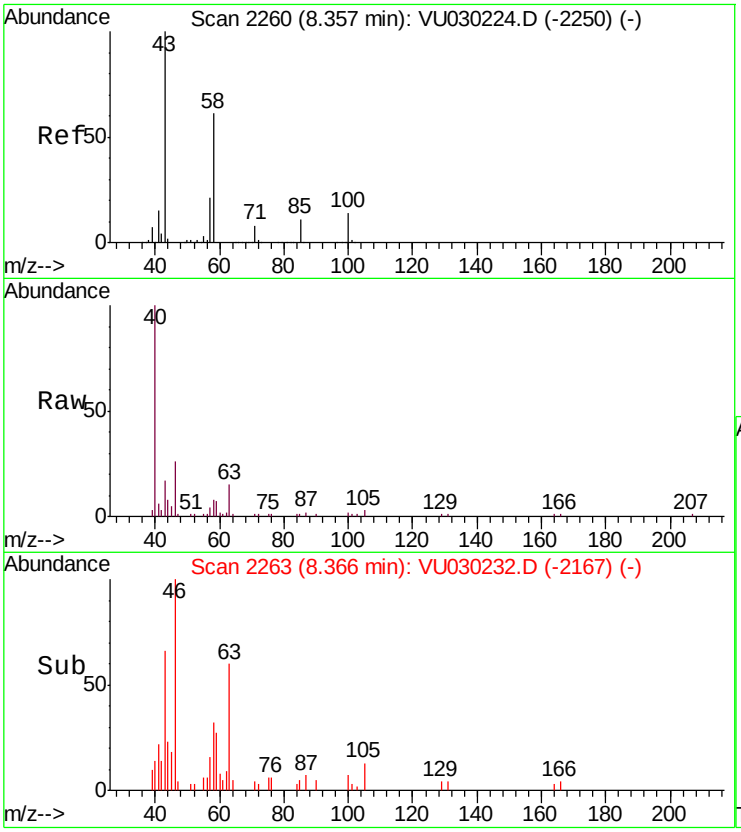


#46
Tetrachloroethene
Concen: 36.201 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Tgt Ion:164 Resp: 119163

Ion	Ratio	Lower	Upper
164	100		
129	97.3	64.4	119.6
131	89.2	63.2	117.4
166	129.0	89.5	166.1



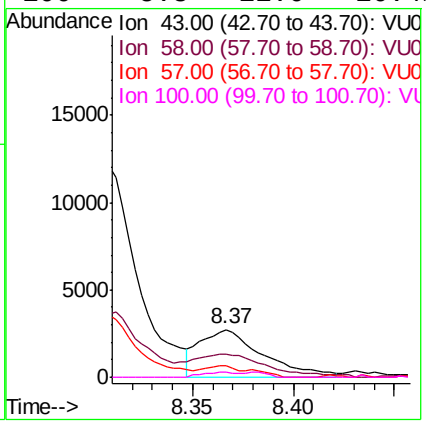


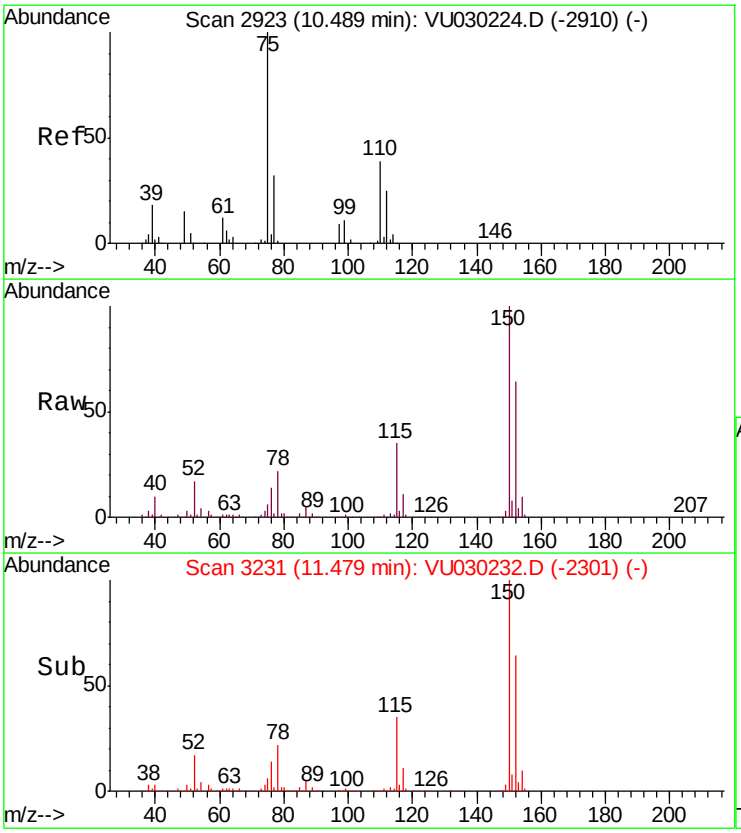
#48
2-Hexanone
Concen: 1.377 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Instrument : MSVOA_U
ClientSampleId : BF1C1

Tgt Ion: 43 Resp: 5948

Ion	Ratio	Lower	Upper
43	100		
58	45.5	49.3	73.9#
57	5.1	17.0	25.4#
100	5.8	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 4.672 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030232.D
Acq: 20 Mar 2019 19:00

Tgt Ion: 75 Resp: 23904

Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.8	38.8