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

Quantitation Report (Not Reviewed)

Data File : VU030754.D
Acq On : 05 Apr 2019 20:28
Operator : JC/SP
Sample : K2215-08ME
Misc : 4.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2M9ME

Quant Time: Apr 06 02:21:27 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	455218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	204064	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	153473	37.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.54%			
7) Chloroethane-d5	1.70	69	129	0.04	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.08%#			
11) 1,1-Dichloroethene-d2	2.23	63	233165	31.72	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.44%			
21) 2-Butanone-d5	4.19	46	335541	104.18	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.18%			
24) Chloroform-d	4.64	84	269382	43.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	5.30	65	197497	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.26%			
32) Benzene-d6	5.33	84	564651	44.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.32	67	203342	46.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.32%			
41) Toluene-d8	7.56	98	473384	42.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	7.85	79	86668	43.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.22%			
47) 2-Hexanone-d5	8.32	63	218408	109.65	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.65%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295761	50.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	182776	45.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.08%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1968	0.604	ug/L #	22
12) 1,1-Dichloroethene	2.23	96	2186	0.695	ug/L #	1
25) Chloroform	4.67	83	18932	2.732	ug/L	96
27) 1,2-Dichloroethane	5.32	62	3026	0.572	ug/L	96
46) Tetrachloroethene	8.22	164	18558	7.301	ug/L	98
48) 2-Hexanone	8.32	43	28057	5.540	ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	26930	5.570	ug/L	94

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

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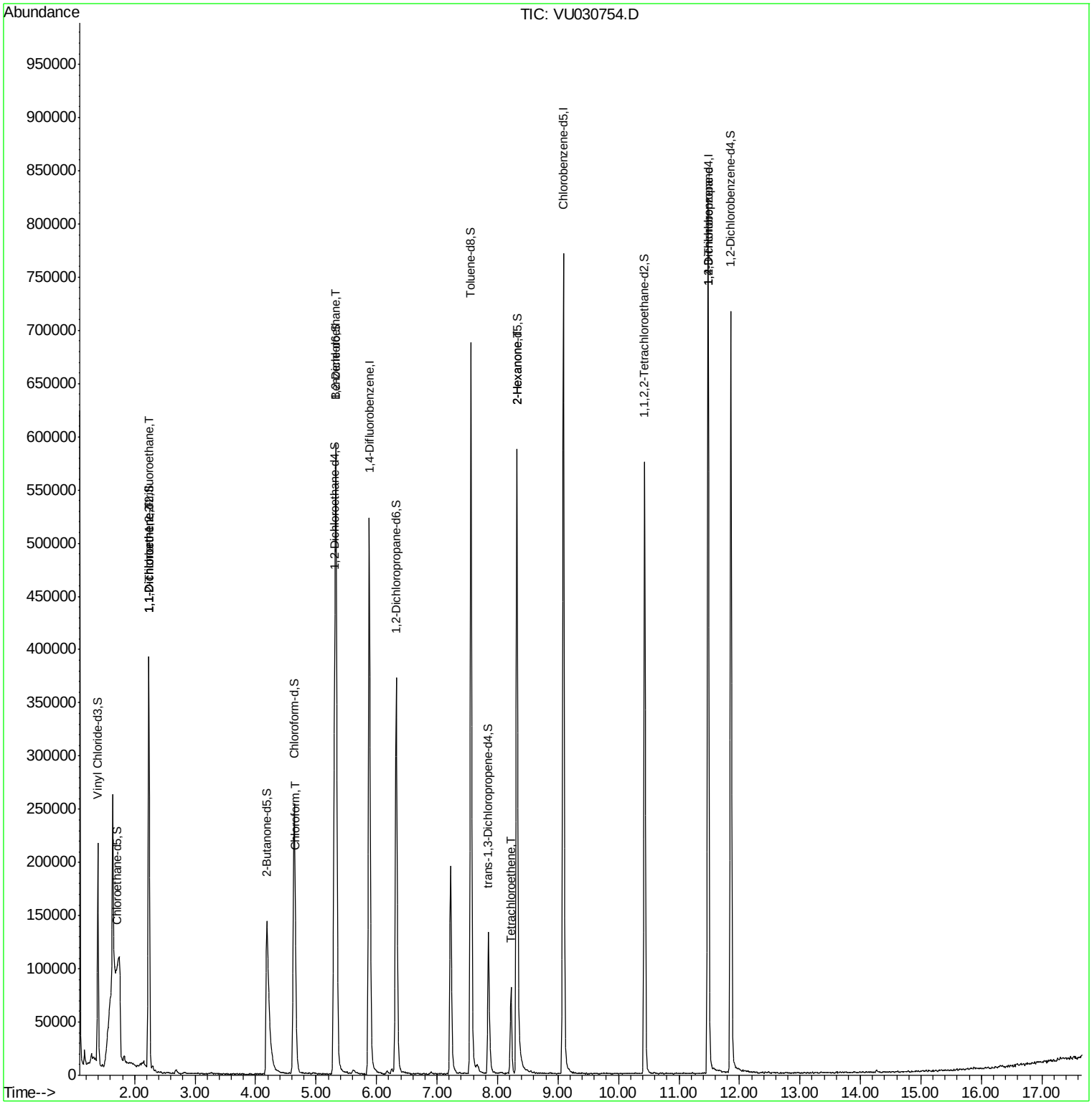
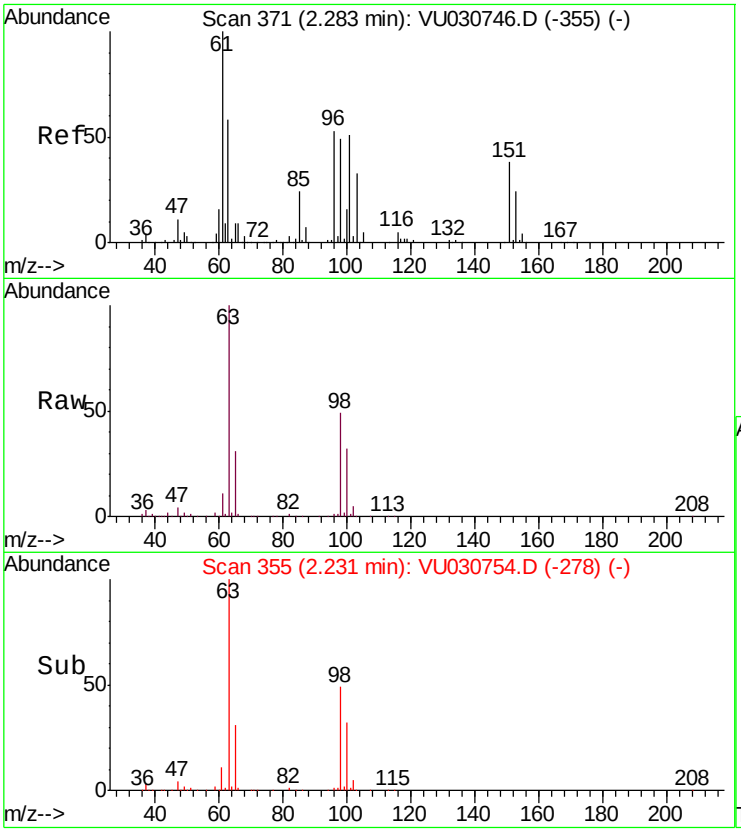
Instrument : MSVOA_U
ClientSampleId : BF2M9ME

Quant Time: Apr 06 02:21:27 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



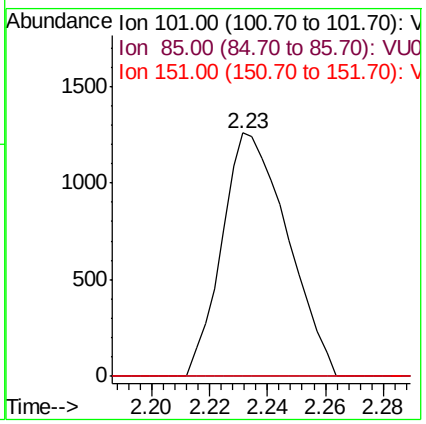


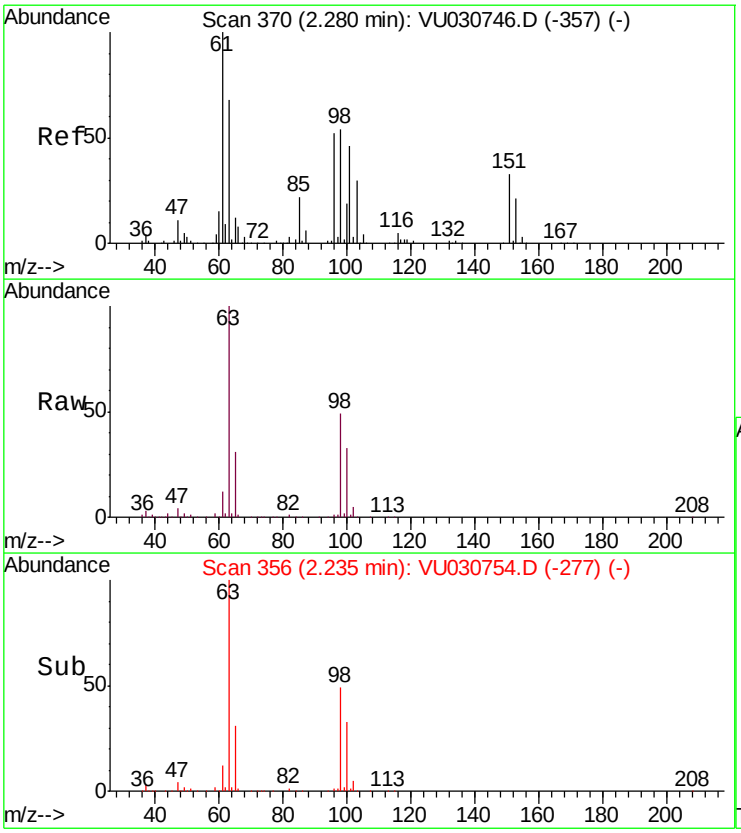
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.604 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.05 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Instrument :
MSVOA_U
ClientSampleId :
BF2M9ME

Tgt Ion:101 Resp: 1968

Ion	Ratio	Lower	Upper
101	100		
85	3.5	36.8	55.2#
151	0.0	57.4	86.0#

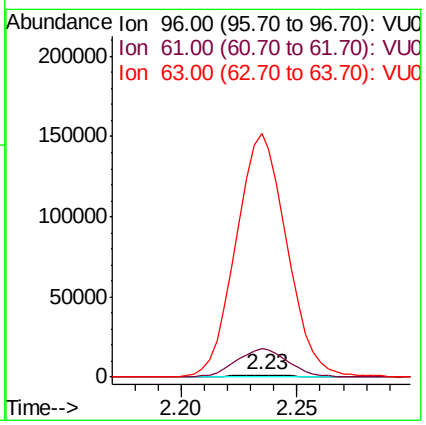


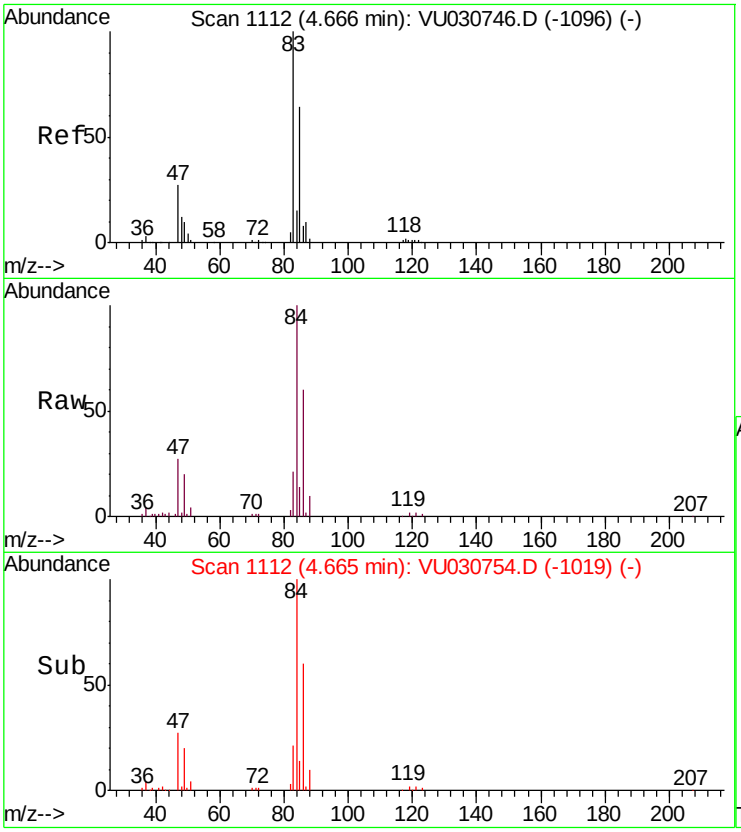


#12
1,1-Dichloroethene
Concen: 0.695 ug/L
RT: 2.23 min Scan# 356
Delta R.T. -0.05 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Tgt Ion: 96 Resp: 2186

Ion	Ratio	Lower	Upper
96	100		
61	1449.6	132.0	245.2#
63	12469.0	90.9	168.9#



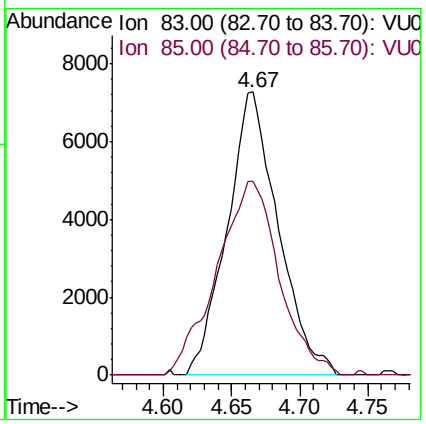


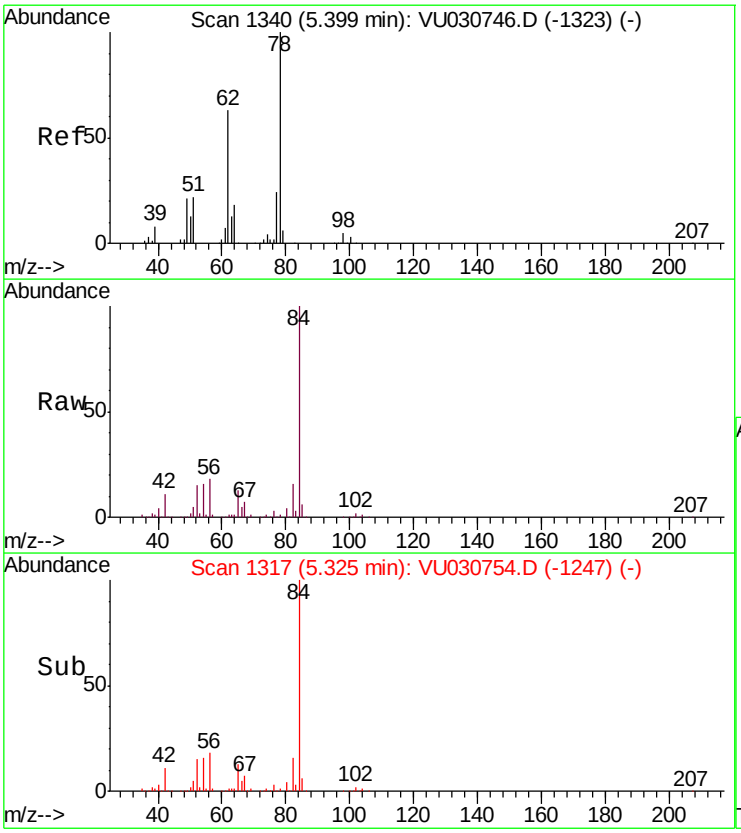
#25
Chloroform
Concen: 2.732 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Instrument :
MSVOA_U
ClientSampleId :
BF2M9ME

Tgt Ion: 83 Resp: 18932

Ion	Ratio	Lower	Upper
83	100		
85	68.3	45.8	85.0

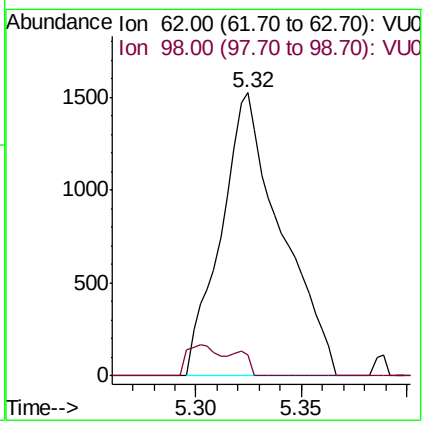


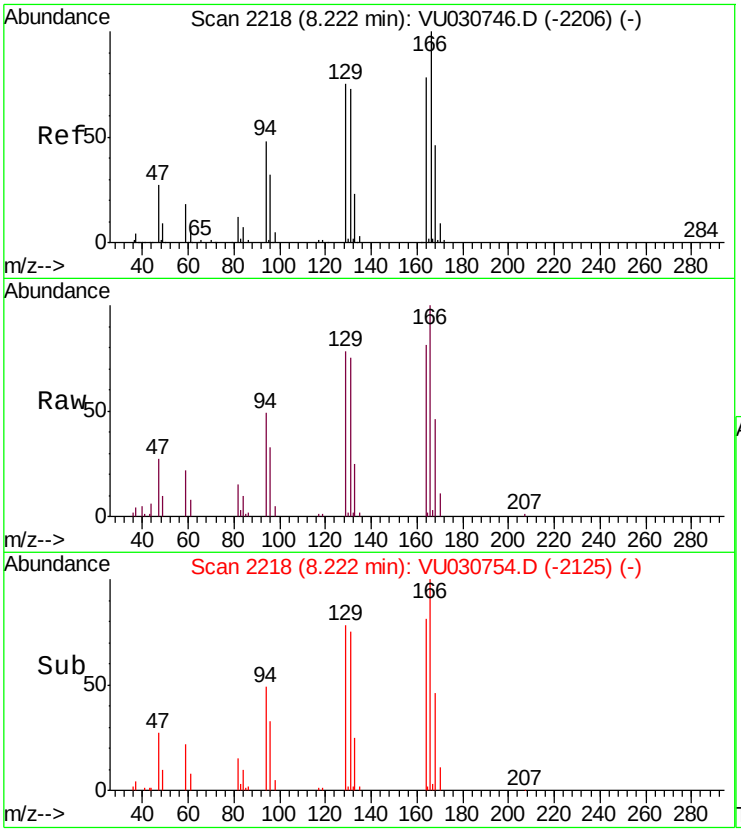


#27
1,2-Dichloroethane
Concen: 0.572 ug/L
RT: 5.32 min Scan# 1317
Delta R.T. -0.07 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Tgt Ion: 62 Resp: 3026

Ion	Ratio	Lower	Upper
62	100		
98	7.4	7.2	10.8



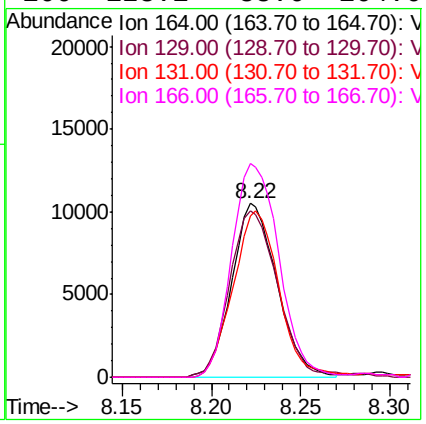


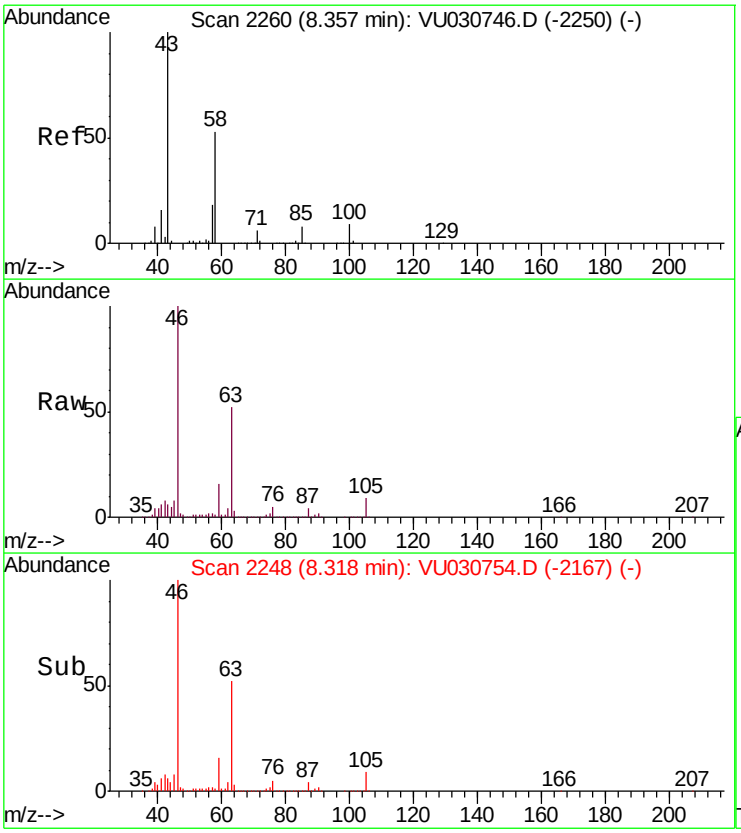
#46
Tetrachloroethene
Concen: 7.301 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Instrument : MSVOA_U
ClientSampleId : BF2M9ME

Tgt Ion:164 Resp: 18558

Ion	Ratio	Lower	Upper
164	100		
129	96.1	67.4	125.2
131	92.9	65.9	122.5
166	123.1	88.6	164.6

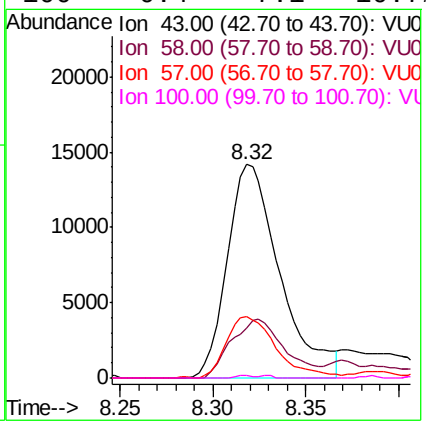


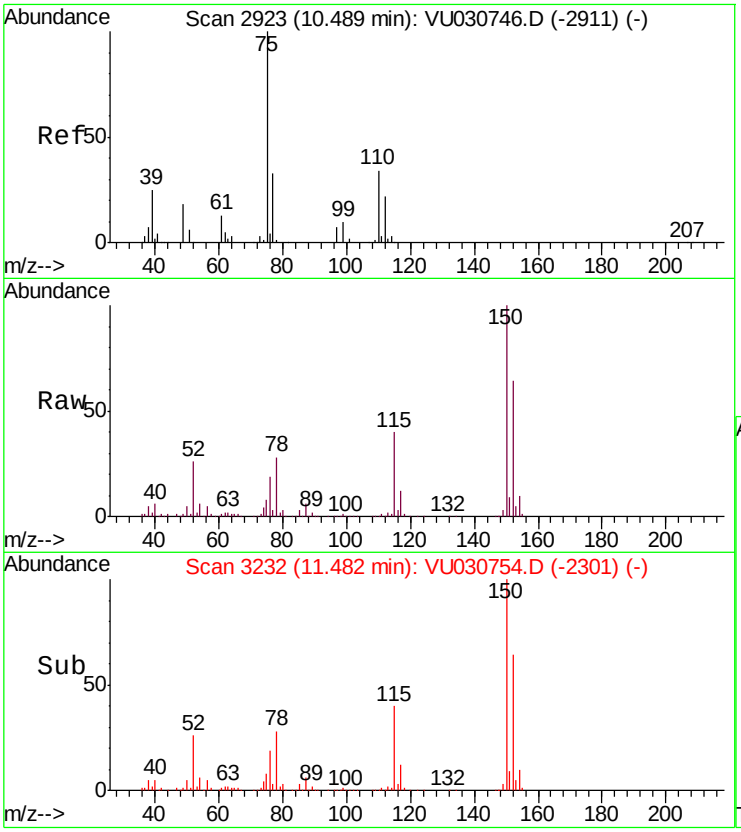


#48
2-Hexanone
Concen: 5.540 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Tgt Ion: 43 Resp: 28057

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.9	62.9#
57	27.2	14.3	21.5#
100	0.4	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 5.570 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030754.D
Acq: 05 Apr 2019 20:28

Instrument :
MSVOA_U
ClientSampleId :
BF2M9ME

Tgt Ion: 75 Resp: 26930

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.1	39.1