Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040119\

Quantitation Report (Not Reviewed)

Data File : VU030602.D
Acq On : 31 Mar 2019 19:53
Operator : JC/SP
Sample : K2166-17ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0N4ME

Quant Time: Apr 01 02:12:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459520	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458805	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205112	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	137078	37.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.14%			
7) Chloroethane-d5	1.75	69	355	0.12	ug/L	0.08
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.24%#			
11) 1,1-Dichloroethene-d2	2.29	63	239	0.03	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.19	46	293696	84.48	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.48%			
24) Chloroform-d	4.64	84	260163	40.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.66%			
26) 1,2-Dichloroethane-d4	5.30	65	186638	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
32) Benzene-d6	5.33	84	554654	42.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.32%			
36) 1,2-Dichloropropane-d6	6.32	67	193515	42.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.98%			
41) Toluene-d8	7.56	98	485434	41.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.16%			
43) trans-1,3-Dichloropropene-	7.85	79	84844	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.16%			
47) 2-Hexanone-d5	8.32	63	210517	86.30	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301963	46.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	191667	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1949	0.581	ug/L #	21
25) Chloroform	4.67	83	11560	1.718	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3504	0.625	ug/L	91
46) Tetrachloroethene	8.22	164	21587	8.050	ug/L	94
48) 2-Hexanone	8.32	43	26701	4.376	ug/L #	69
49) Dibromochloromethane	8.22	129	21256	5.462	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	27199	5.042	ug/L	92

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

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Instrument : MSVOA_U
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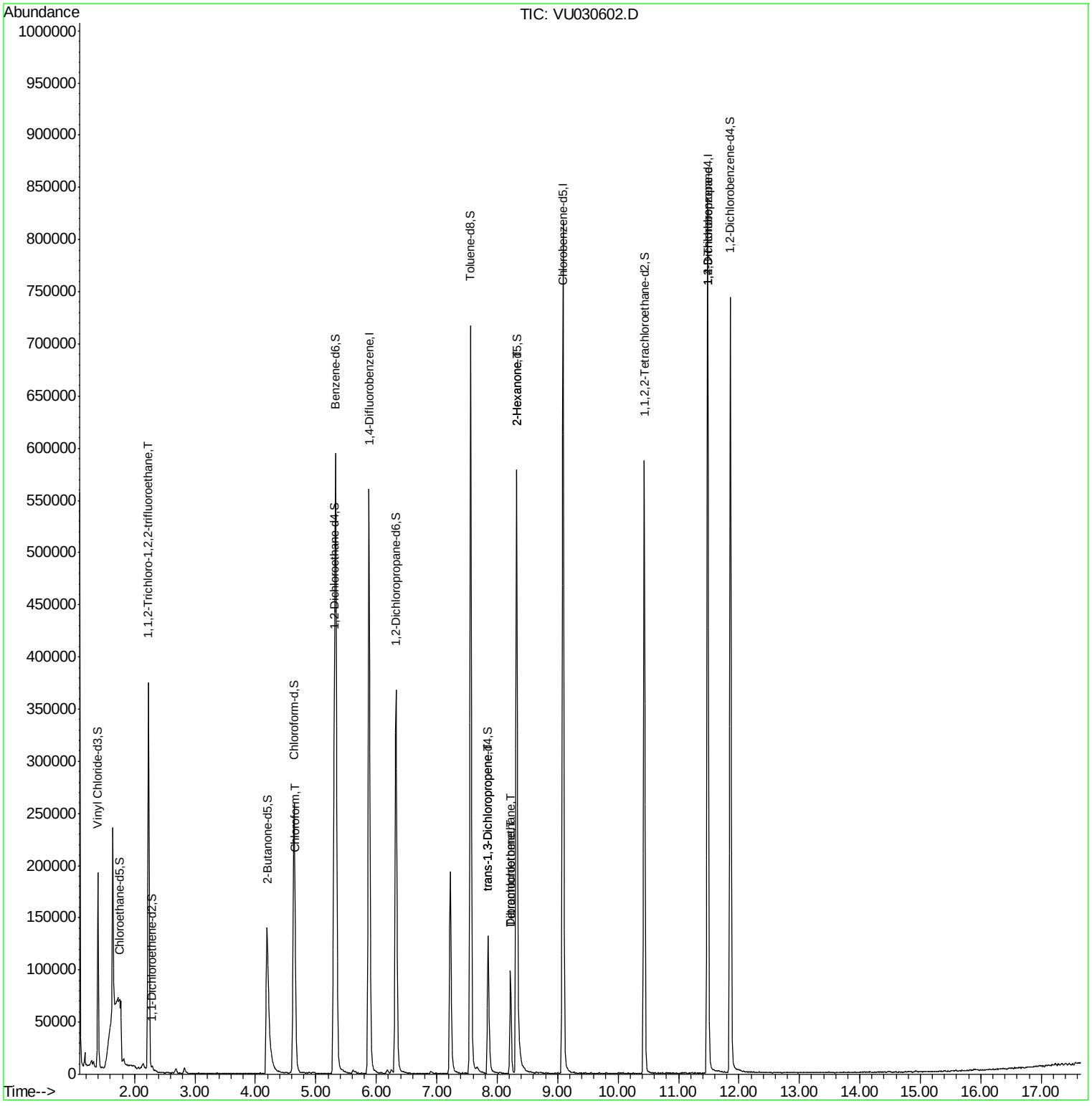
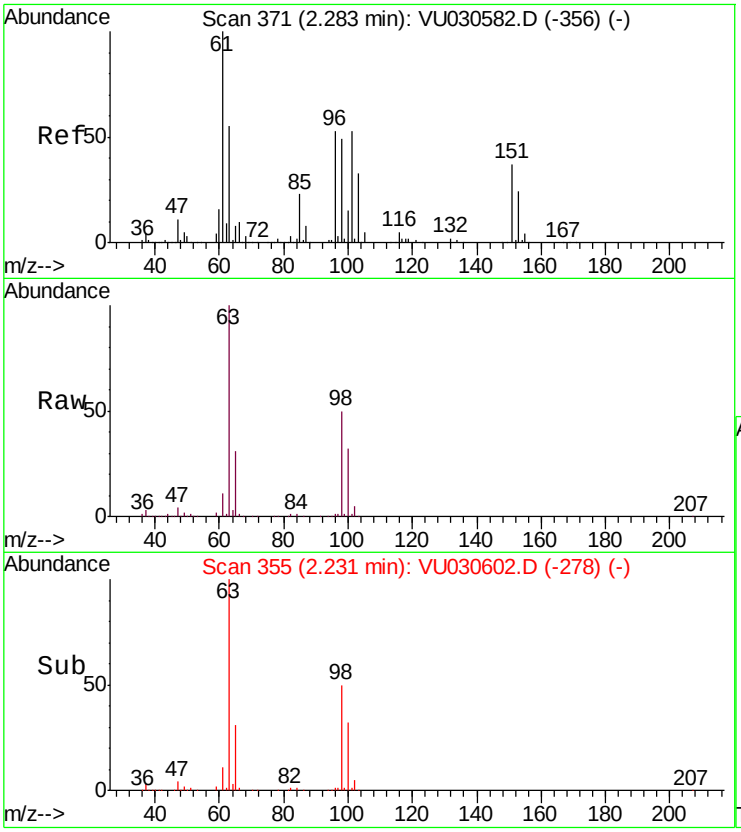
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration



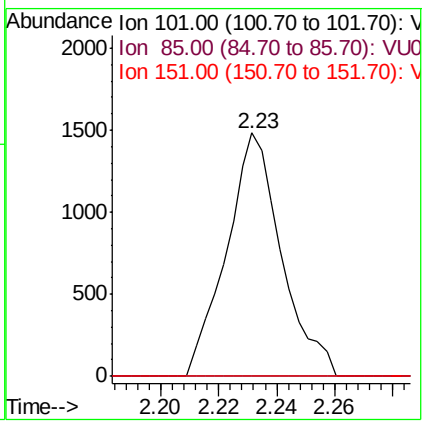


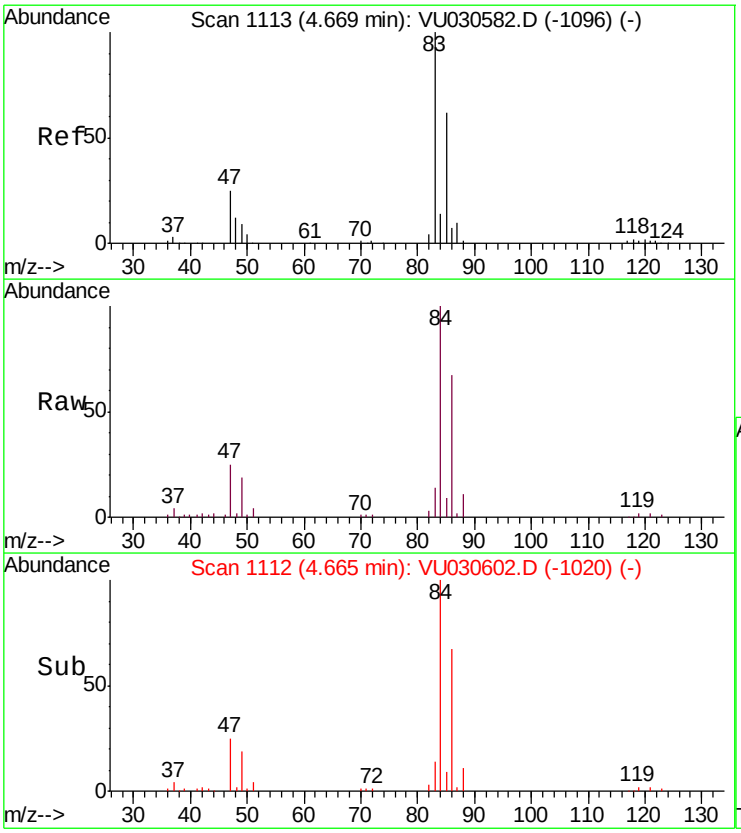
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.581 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.05 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Instrument :
MSVOA_U
ClientSampleId :
BF0N4ME

Tgt Ion:101 Resp: 1949

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

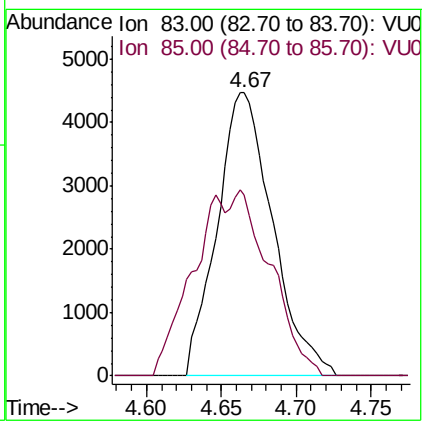


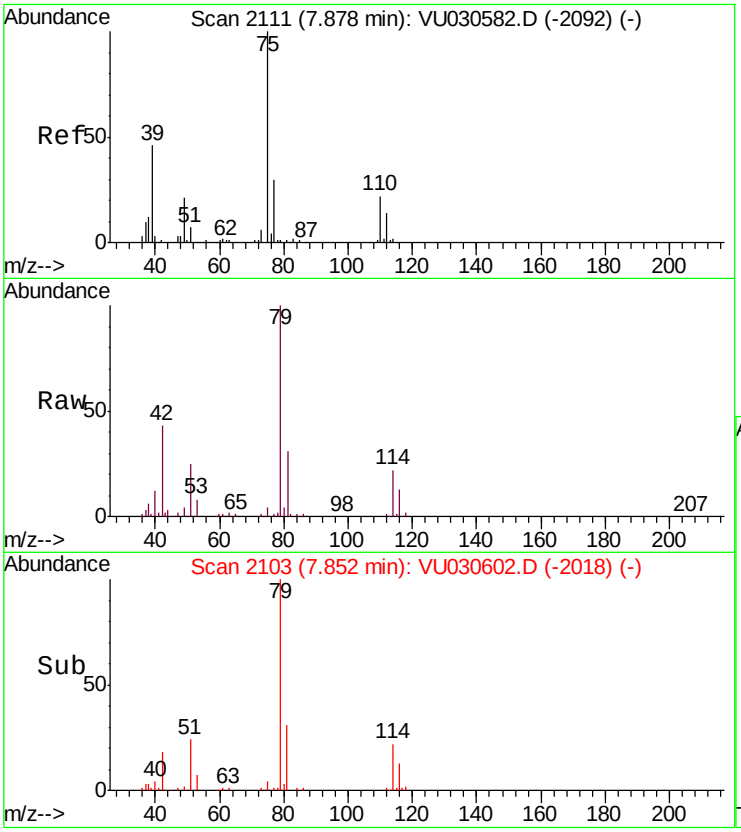


#25
Chloroform
Concen: 1.718 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Tgt Ion: 83 Resp: 11560

Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4



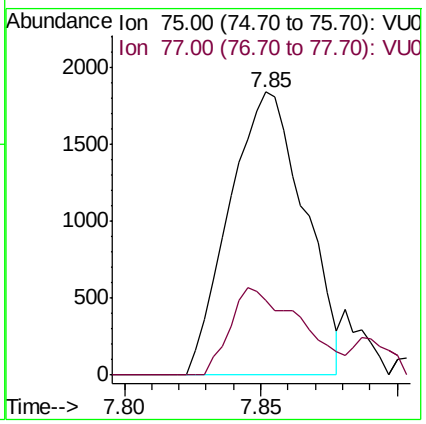


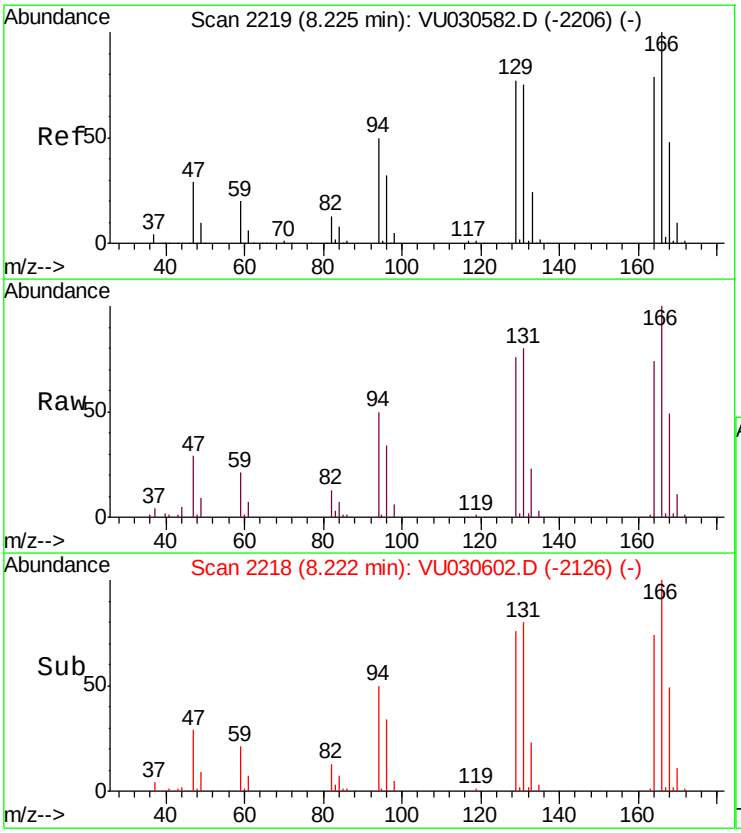
#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Instrument :
MSVOA_U
ClientSampleId :
BF0N4ME

Tgt Ion: 75 Resp: 3504

Ion	Ratio	Lower	Upper
75	100		
77	26.6	22.0	40.8

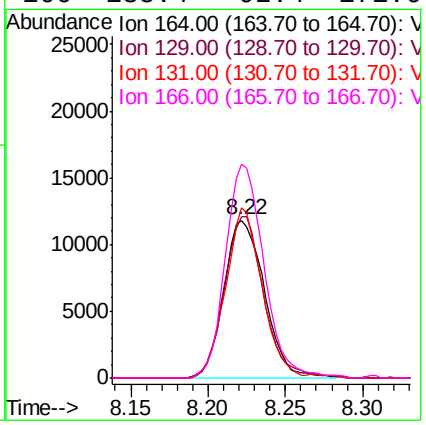


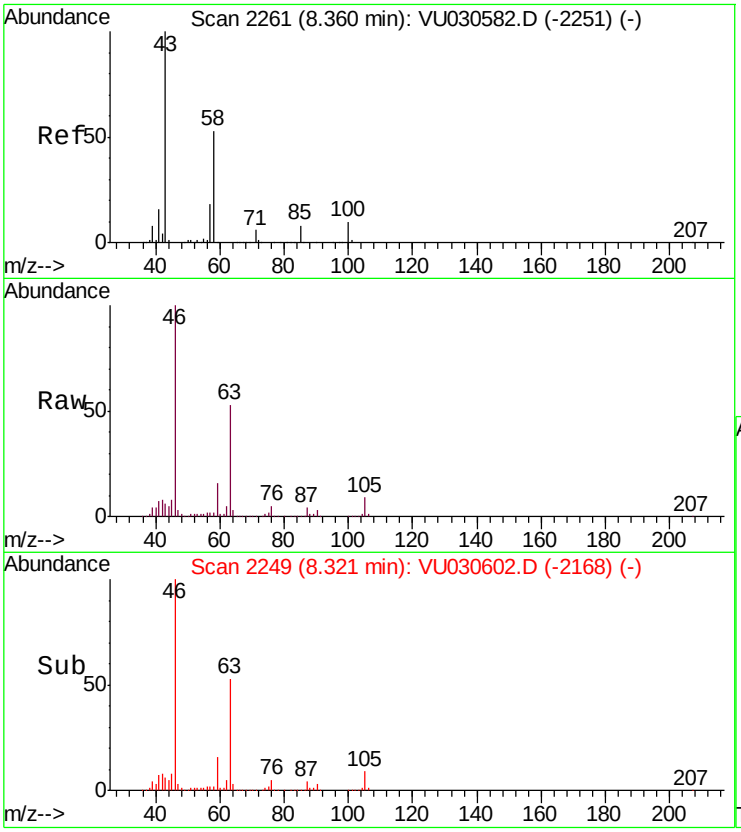


#46
Tetrachloroethene
Concen: 8.050 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Tgt Ion:164 Resp: 21587

Ion	Ratio	Lower	Upper
164	100		
129	102.3	68.1	126.5
131	107.8	67.7	125.7
166	135.4	92.4	171.6



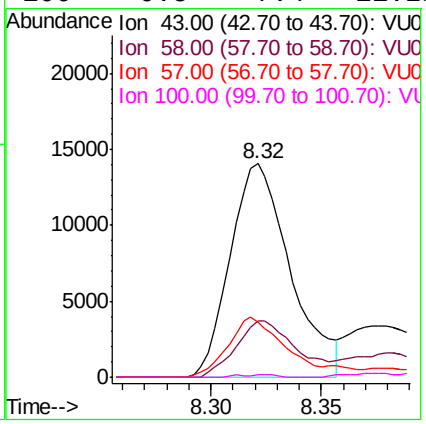


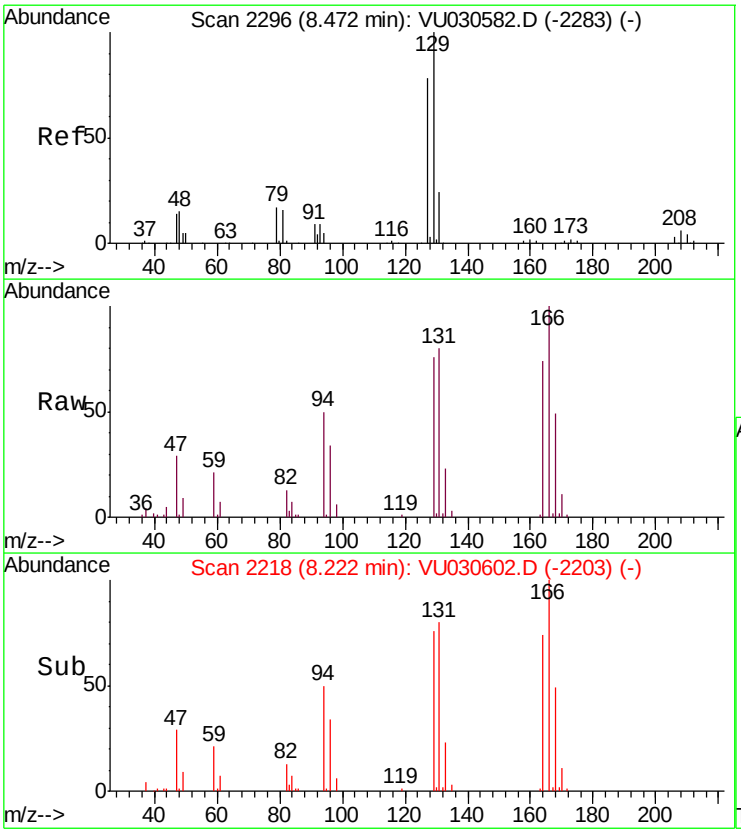
#48
2-Hexanone
Concen: 4.376 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Instrument : MSVOA_U
ClientSampleId : BF0N4ME

Tgt Ion: 43 Resp: 26701

Ion	Ratio	Lower	Upper
43	100		
58	26.2	42.5	63.7#
57	26.0	15.0	22.6#
100	0.5	7.4	11.2#

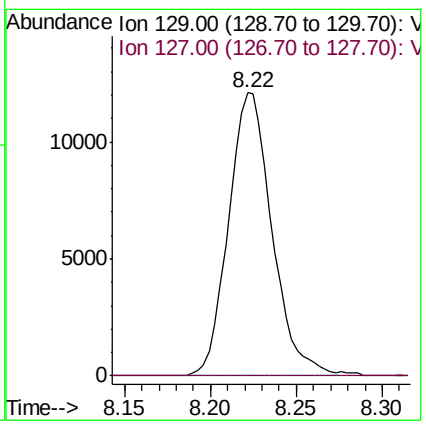


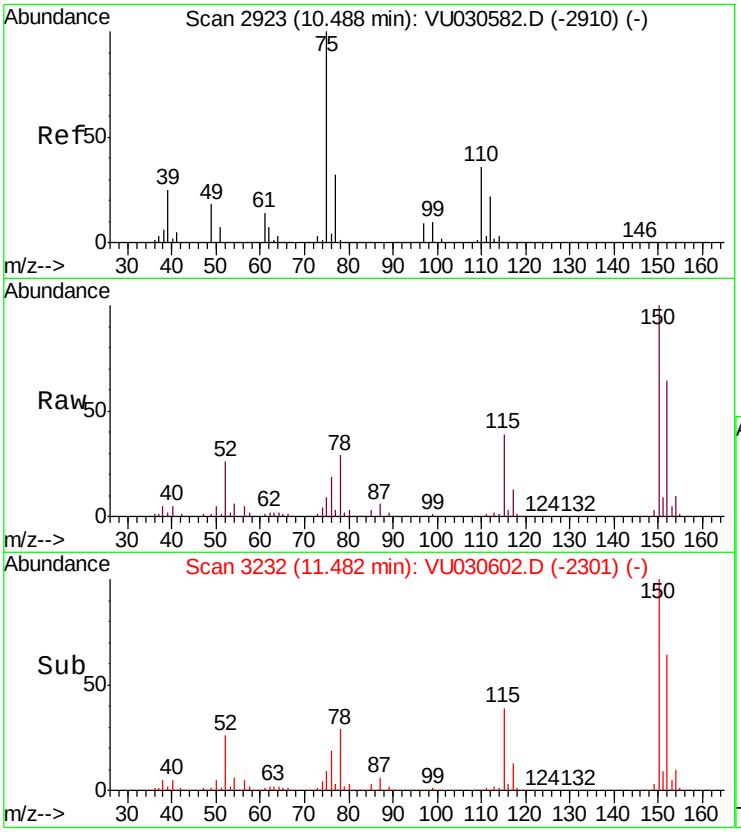


#49
Dibromochloromethane
Concen: 5.462 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Tgt Ion:129 Resp: 21256

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#





#59
1,2,3-Trichloropropane
Concen: 5.042 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030602.D
Acq: 31 Mar 2019 19:53

Instrument :
MSVOA_U
ClientSampleId :
BF0N4ME

Tgt Ion: 75 Resp: 27199

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.4	38.2