Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Not Reviewed)

Data File : VU030558.D
Acq On : 29 Mar 2019 21:42
Operator : JC/SP
Sample : K2101-14ME
Misc : 5.45g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0E5ME

Quant Time: Mar 30 02:17:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440716	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	432394	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190935	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	136431	38.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.94%			
7) Chloroethane-d5	1.64	69	108295	38.52	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.04%			
11) 1,1-Dichloroethene-d2	2.22	63	208009	30.92	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.84%			
21) 2-Butanone-d5	4.19	46	322950	96.86	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.86%			
24) Chloroform-d	4.64	84	279876	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.30	65	195291	48.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.68%			
32) Benzene-d6	5.33	84	555034	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.52%			
36) 1,2-Dichloropropane-d6	6.32	67	202136	47.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.30%			
41) Toluene-d8	7.56	98	459156	41.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.46%			
43) trans-1,3-Dichloropropene-	7.85	79	83918	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.14%			
47) 2-Hexanone-d5	8.32	63	240415	104.57	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.57%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320603	52.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	184234	48.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.32%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1956	0.608	ug/L #	24
12) 1,1-Dichloroethene	2.23	96	1959	0.621	ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	10151	2.736	ug/L	94
34) Trichloroethene	6.18	95	21672	5.989	ug/L	99
46) Tetrachloroethene	8.22	164	49437	19.561	ug/L	97
48) 2-Hexanone	8.32	43	29981	5.214	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	25608	5.037	ug/L	94

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

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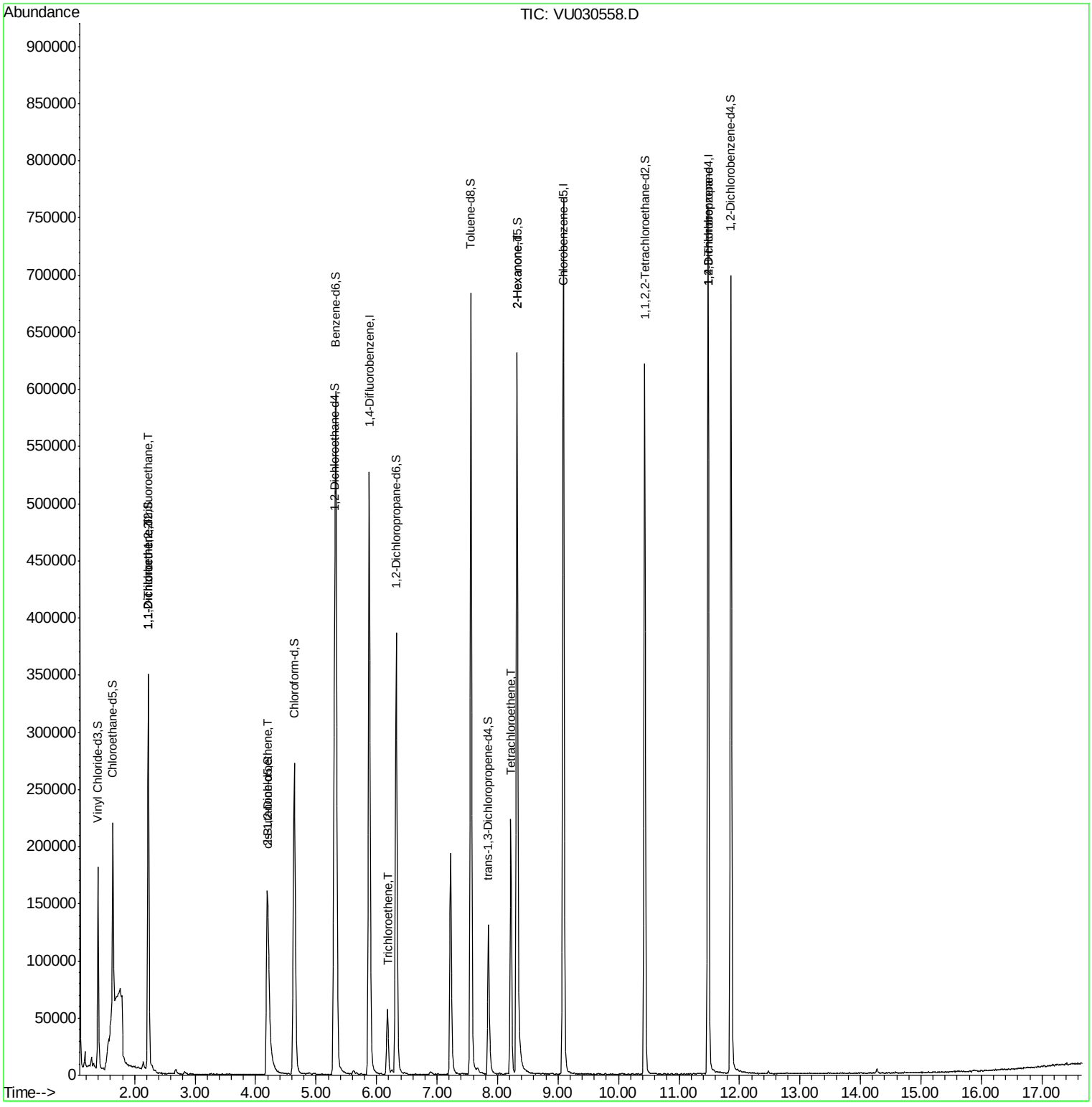
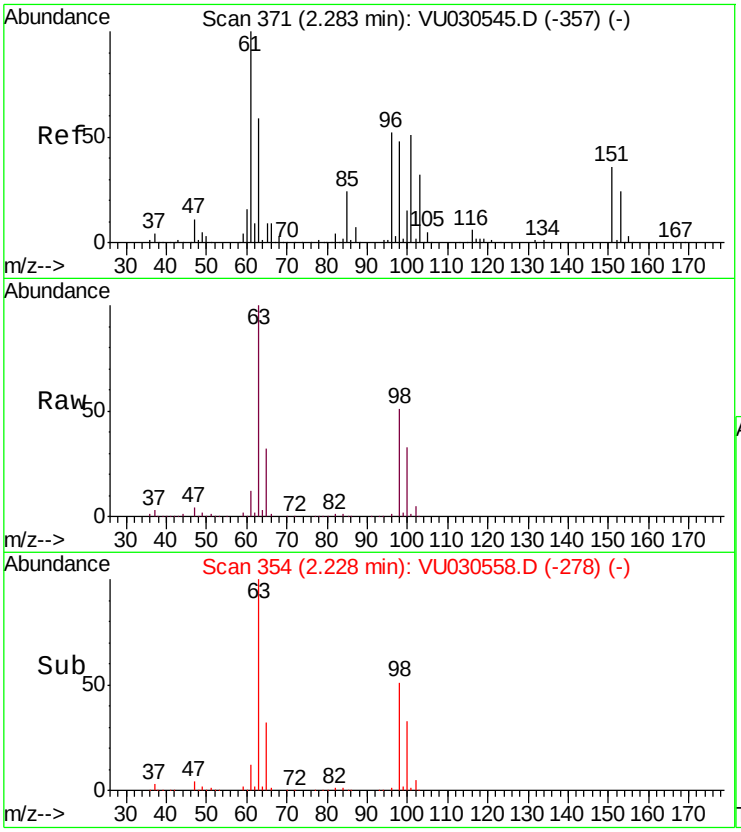
Instrument : MSVOA_U
ClientSampleId : BF0E5ME

Quant Time: Mar 30 02:17:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration



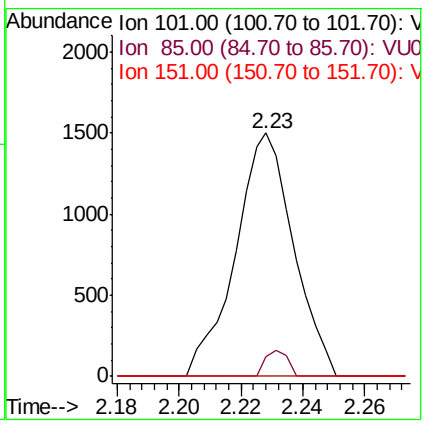


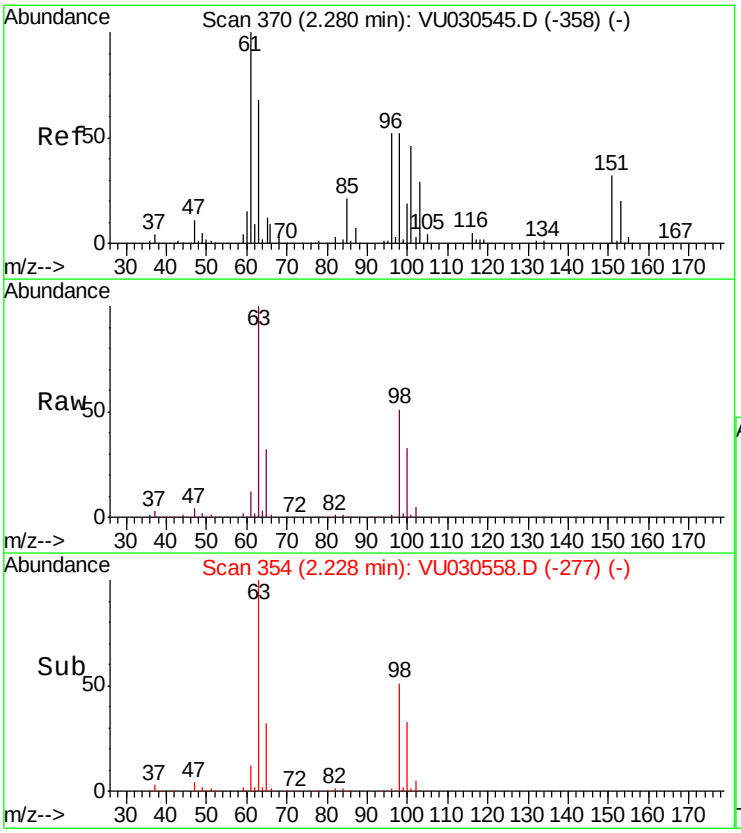
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.608 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.05 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BF0E5ME

Tgt Ion:101 Resp: 1956

Ion	Ratio	Lower	Upper
101	100		
85	4.0	34.8	52.2#
151	0.0	56.6	85.0#

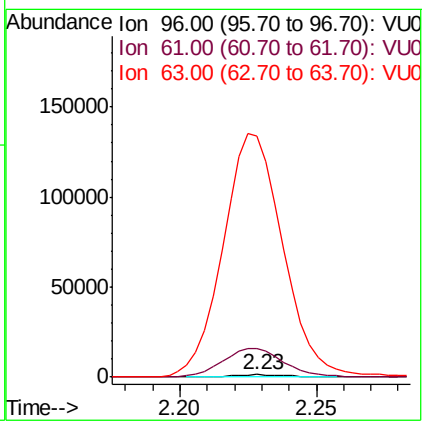


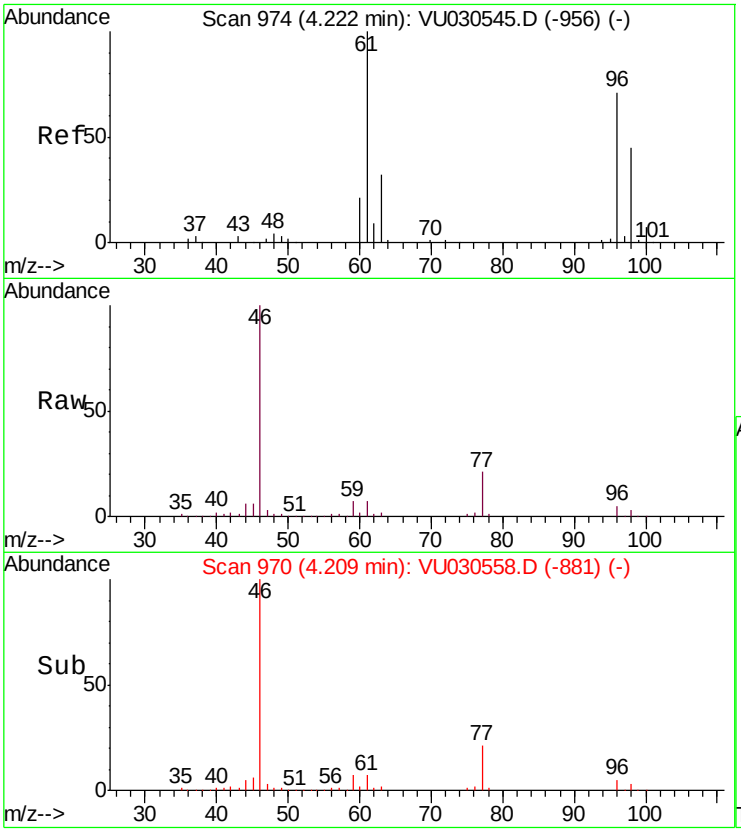


#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.05 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Tgt Ion: 96 Resp: 1959

Ion	Ratio	Lower	Upper
96	100		
61	1224.6	131.0	243.4#
63	10254.7	92.4	171.6#



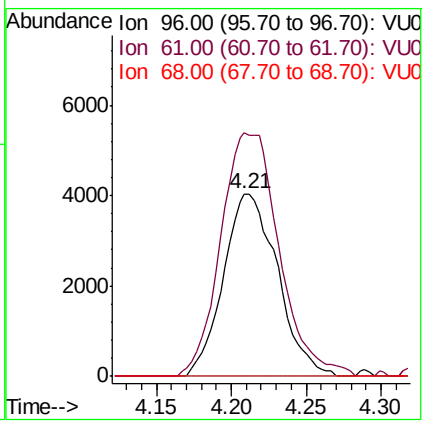


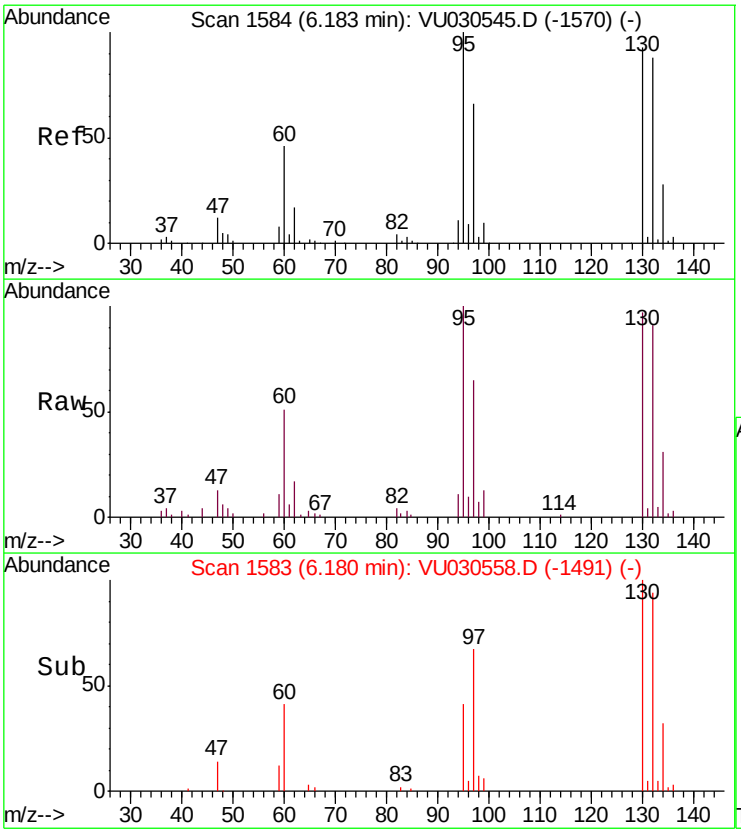
#20
cis-1,2-Dichloroethene
Concen: 2.736 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BF0E5ME

Tgt Ion: 96 Resp: 10151

Ion	Ratio	Lower	Upper
96	100		
61	133.5	98.4	182.8
68	0.0	0.0	0.0

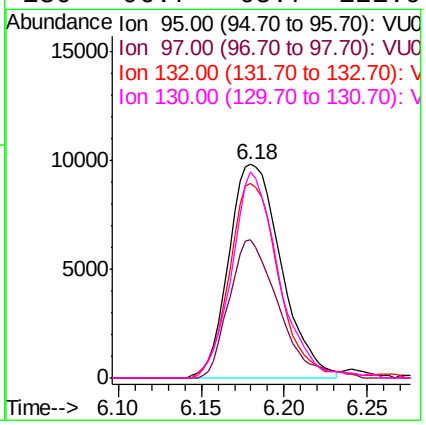


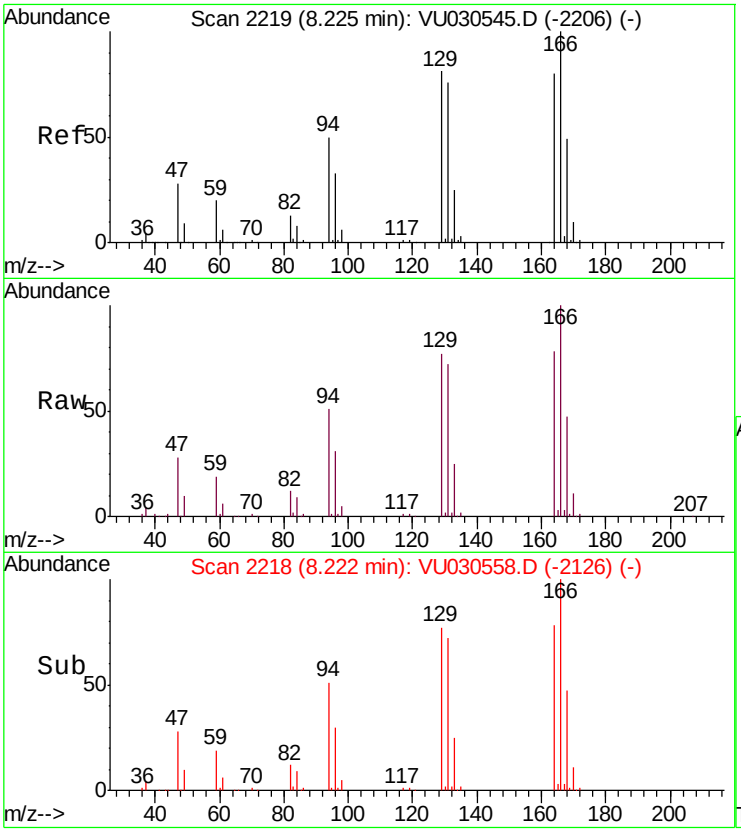


#34
Trichloroethene
Concen: 5.989 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Tgt Ion: 95 Resp: 21672

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.7	84.9
132	91.3	63.8	118.4
130	96.7	65.7	121.9



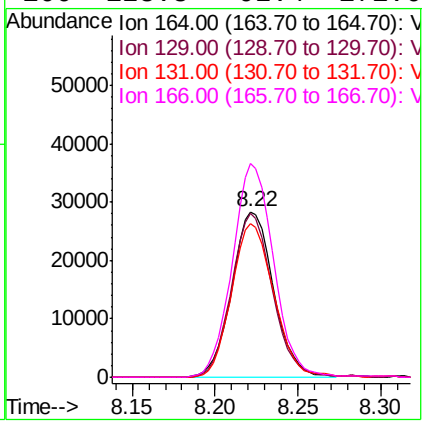


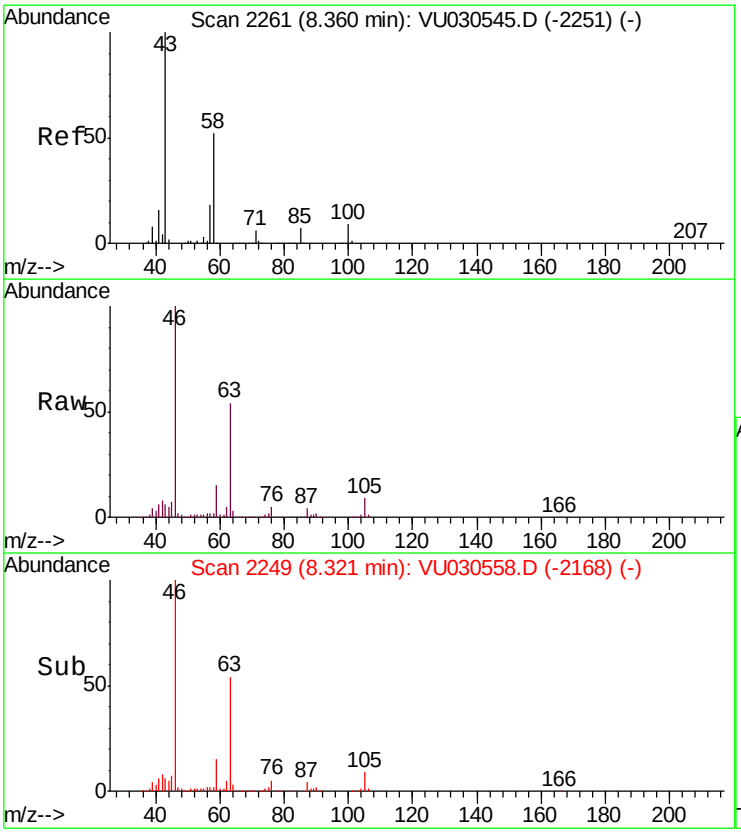
#46
Tetrachloroethene
Concen: 19.561 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Instrument : MSVOA_U
ClientSampleId : BF0E5ME

Tgt Ion:164 Resp: 49437

Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.1	126.5
131	93.0	67.7	125.7
166	128.8	92.4	171.6

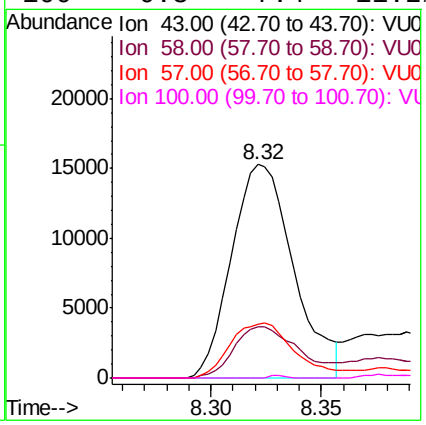


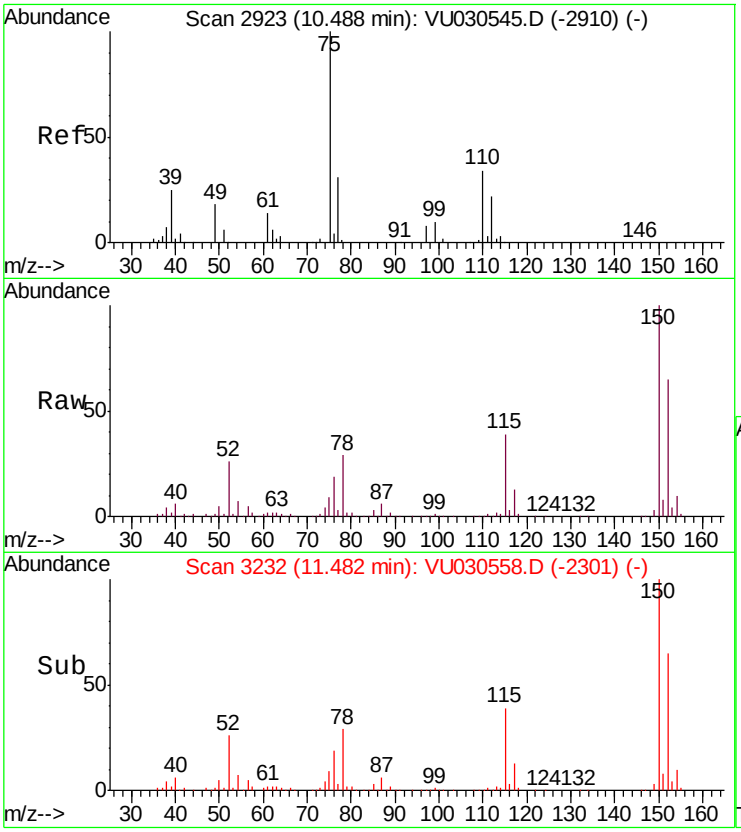


#48
2-Hexanone
Concen: 5.214 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Tgt Ion: 43 Resp: 29981

Ion	Ratio	Lower	Upper
43	100		
58	25.4	42.5	63.7#
57	27.0	15.0	22.6#
100	0.3	7.4	11.2#





#59
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030558.D
Acq: 29 Mar 2019 21:42

Instrument :
MSVOA_U
ClientSampleId :
BF0E5ME

Tgt Ion: 75 Resp: 25608

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.4	38.2