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

Quantitation Report (Not Reviewed)

Data File : VU030598.D
Acq On : 31 Mar 2019 18:21
Operator : JC/SP
Sample : K2167-02ME
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2M0ME

Quant Time: Apr 01 02:11:58 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	452612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209252	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	135646	37.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.48%			
7) Chloroethane-d5	1.64	69	105849	36.66	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.32%			
11) 1,1-Dichloroethene-d2	2.23	63	212846	30.80	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.60%			
21) 2-Butanone-d5	4.19	46	293743	85.79	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.79%			
24) Chloroform-d	4.64	84	254240	40.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.02%			
26) 1,2-Dichloroethane-d4	5.30	65	186097	45.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.64%			
32) Benzene-d6	5.33	84	543518	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
36) 1,2-Dichloropropane-d6	6.32	67	191829	43.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.20%			
41) Toluene-d8	7.56	98	475916	40.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.46%			
43) trans-1,3-Dichloropropene-	7.85	79	84207	40.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.46%			
47) 2-Hexanone-d5	8.32	63	212951	88.29	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305069	47.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	188844	45.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.08%			
Target Compounds						Qvalue
6) Bromomethane	1.60	94	1366	0.562	ug/L	84
25) Chloroform	4.67	83	11382	1.717	ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	4740	0.752	ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	3780	0.682	ug/L	89
46) Tetrachloroethene	8.22	164	25026	9.438	ug/L	98
48) 2-Hexanone	8.32	43	26169	4.338	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	28581	5.358	ug/L	94

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

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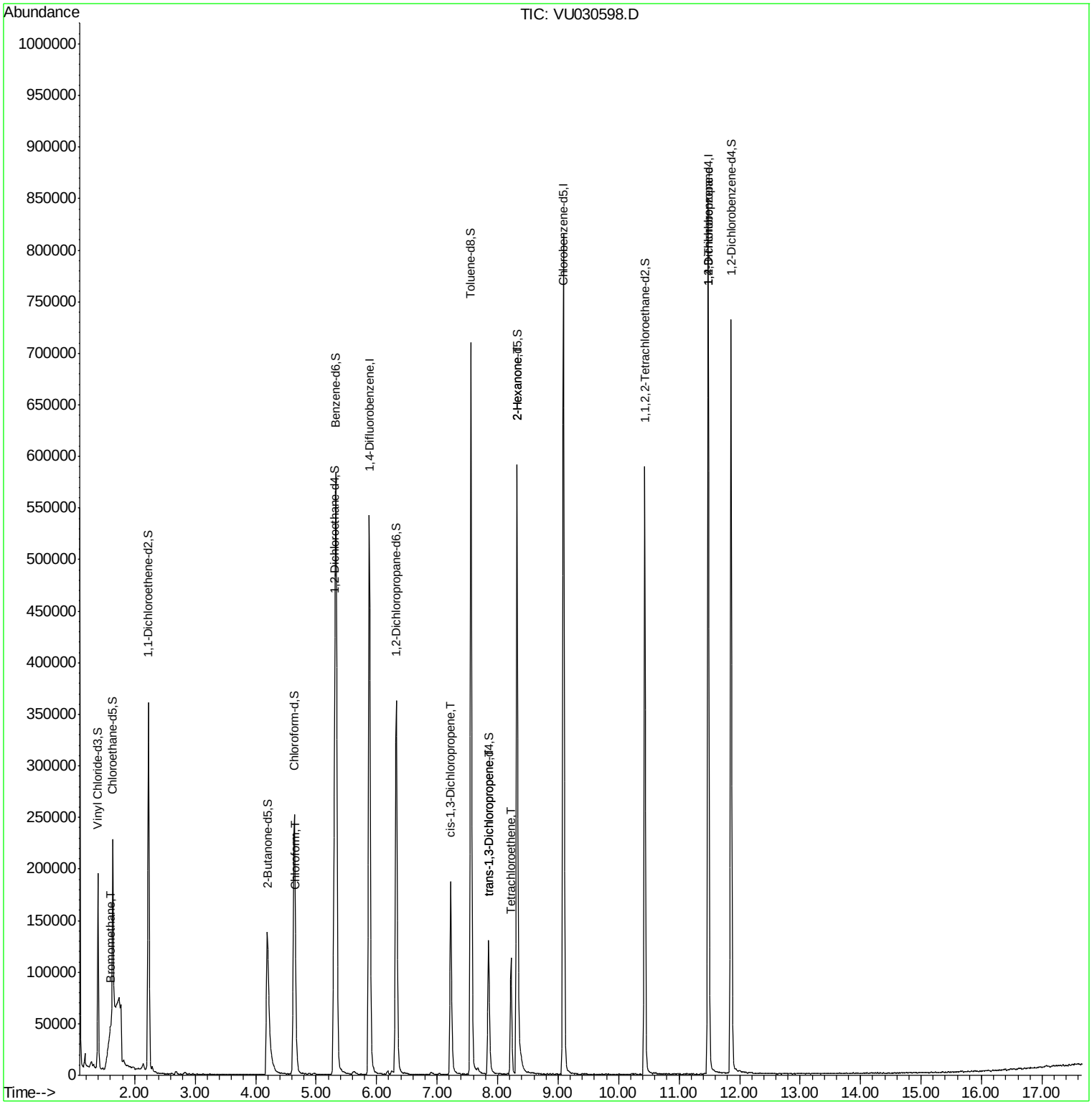
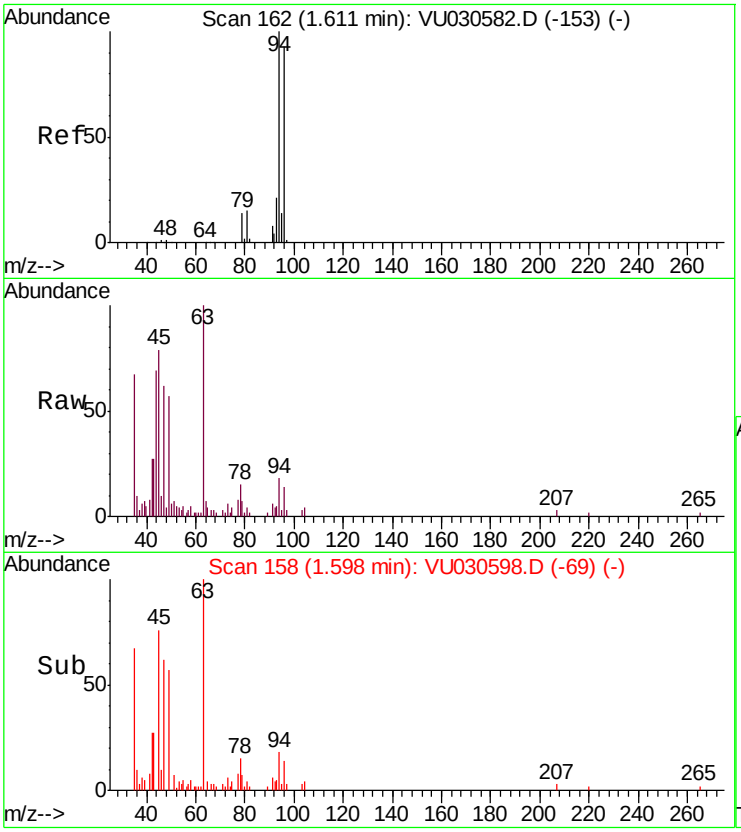


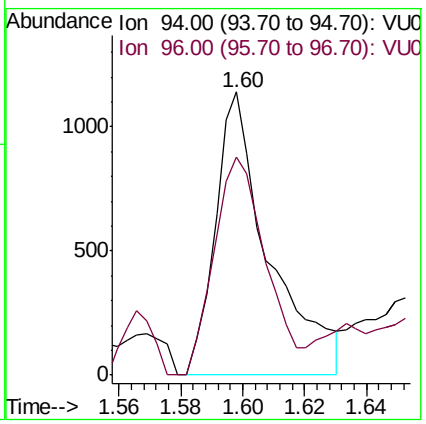


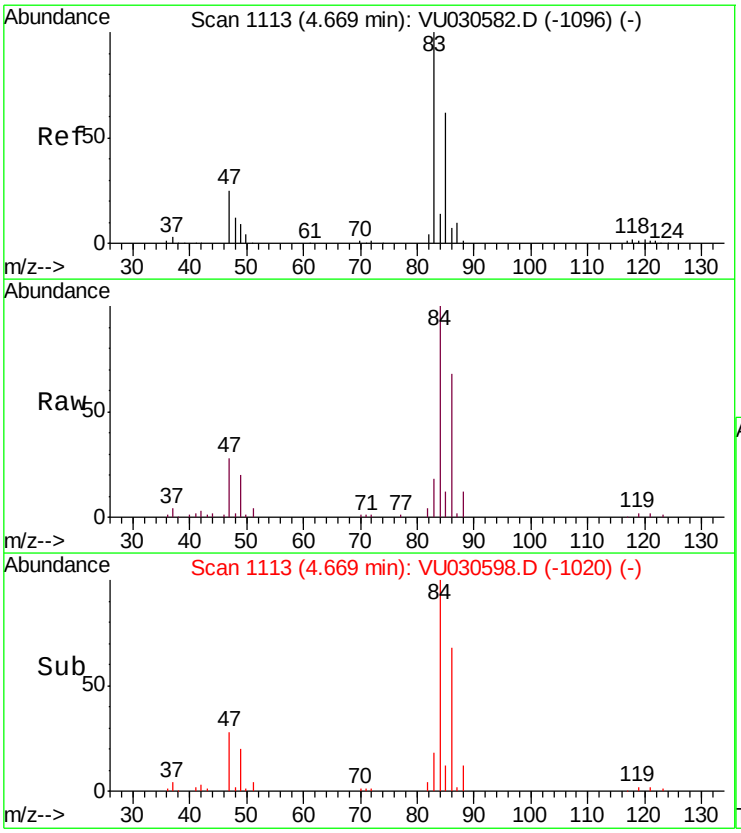
#6
Bromomethane
Concen: 0.562 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.01 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2M0ME

Tgt Ion: 94 Resp: 1366

Ion	Ratio	Lower	Upper
94	100		
96	77.2	64.8	120.3

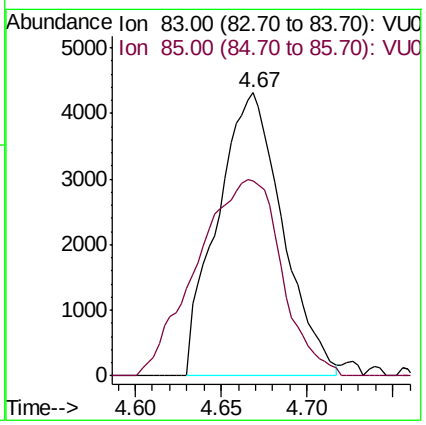


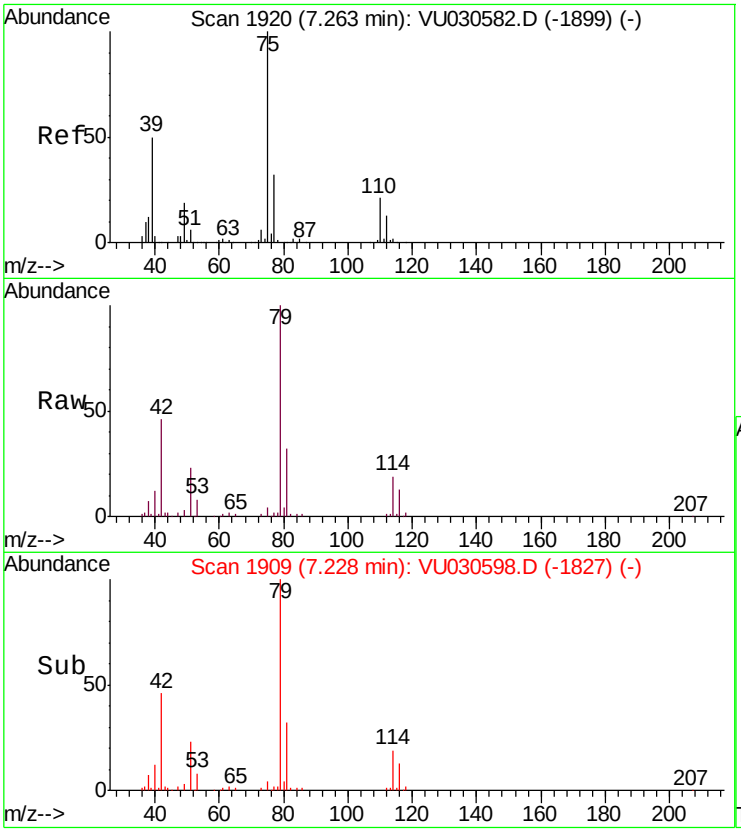


#25
Chloroform
Concen: 1.717 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Tgt Ion: 83 Resp: 11382

Ion	Ratio	Lower	Upper
83	100		
85	68.8	44.4	82.4



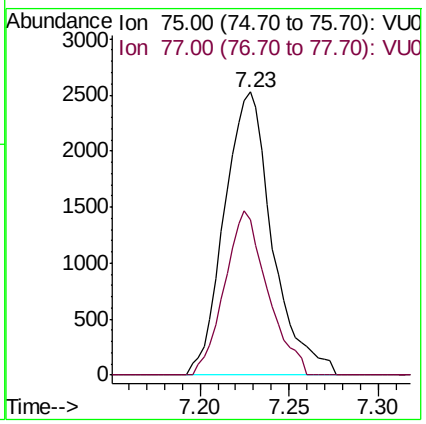


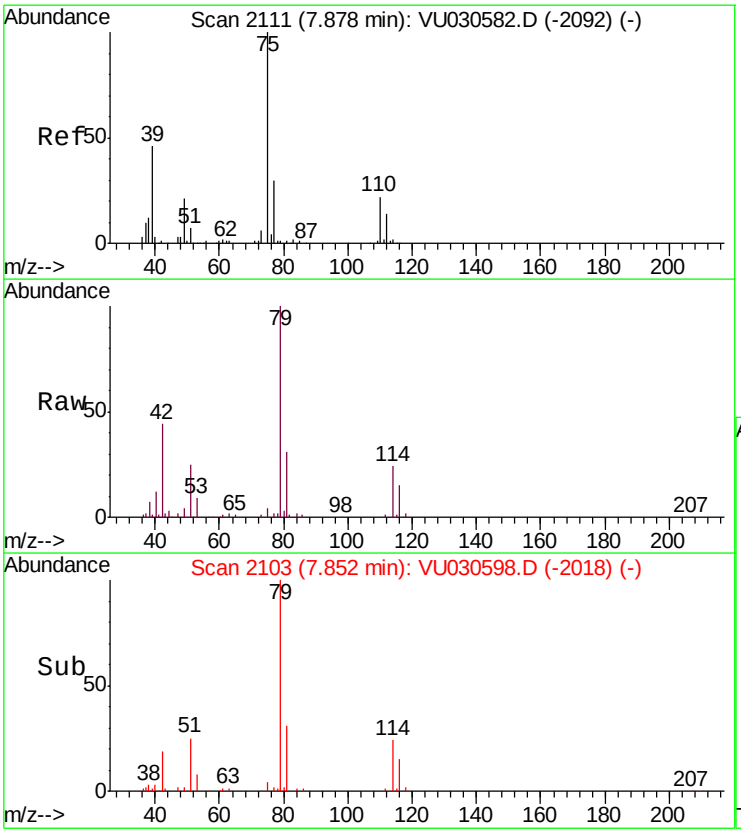
#39
cis-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2M0ME

Tgt Ion: 75 Resp: 4740

Ion	Ratio	Lower	Upper
75	100		
77	54.9	21.8	40.6#

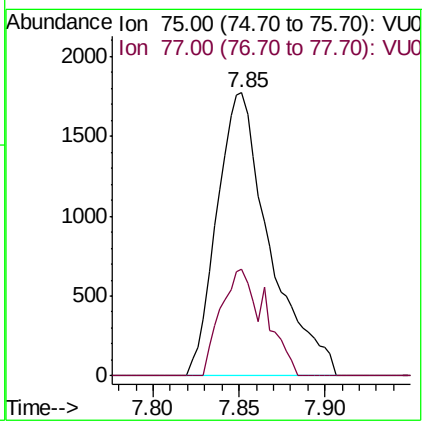


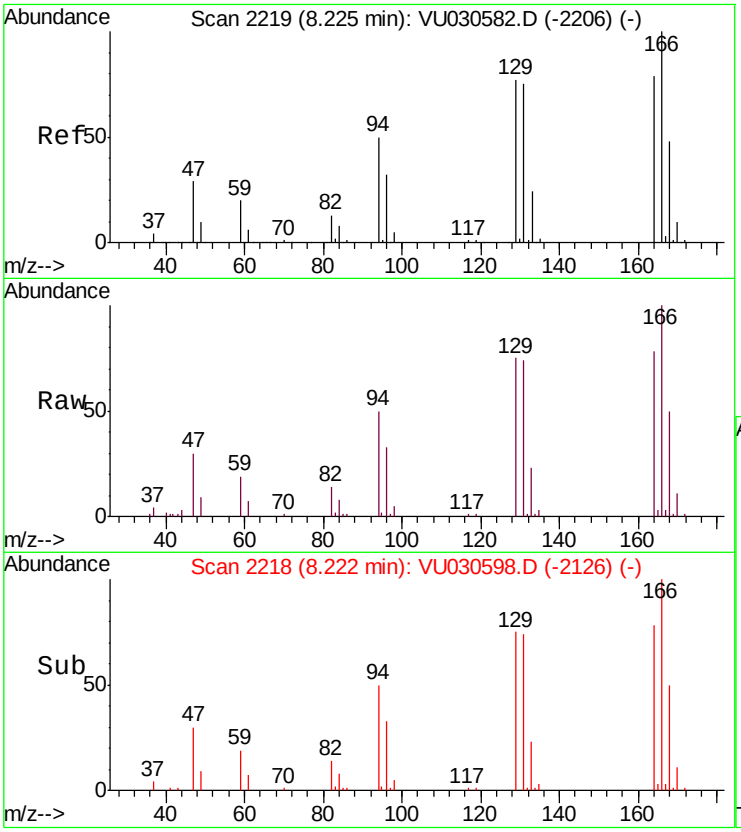


#44
trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Tgt Ion: 75 Resp: 3780

Ion	Ratio	Lower	Upper
75	100		
77	37.6	22.0	40.8



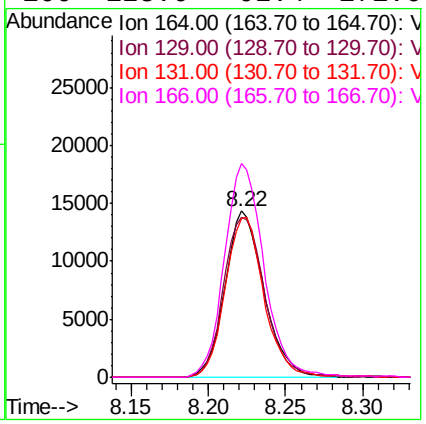


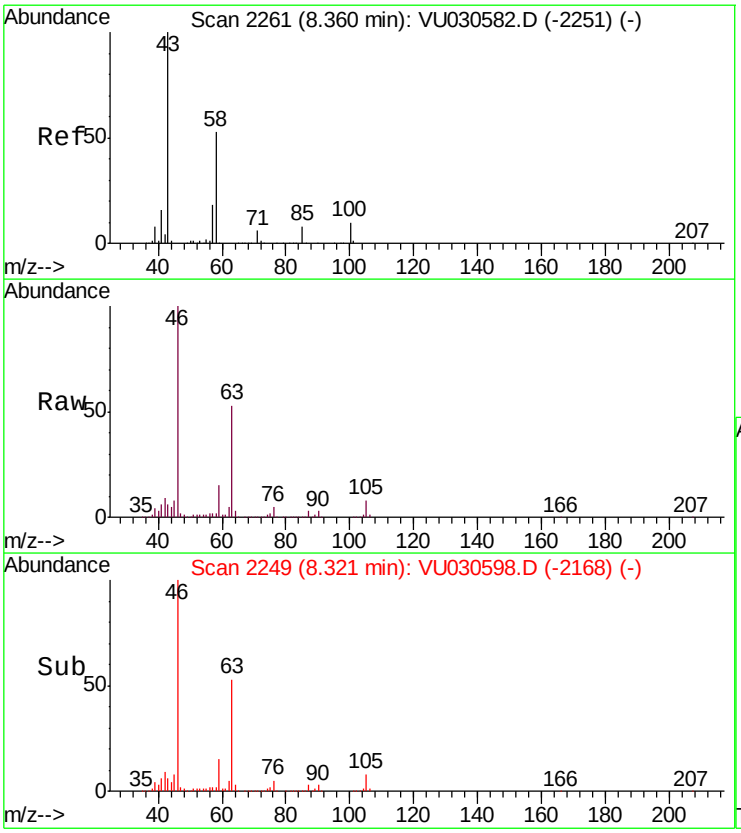
#46
Tetrachloroethene
Concen: 9.438 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Instrument : MSVOA_U
ClientSampleId : BF2M0ME

Tgt Ion:164 Resp: 25026

Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.1	126.5
131	95.7	67.7	125.7
166	128.6	92.4	171.6

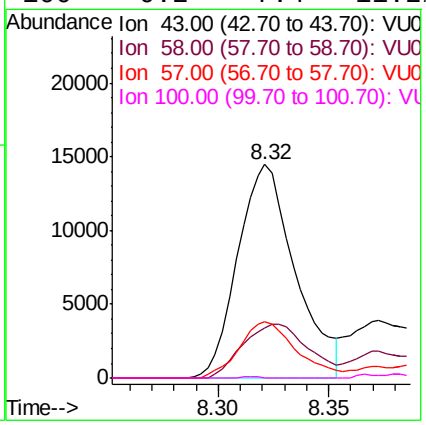


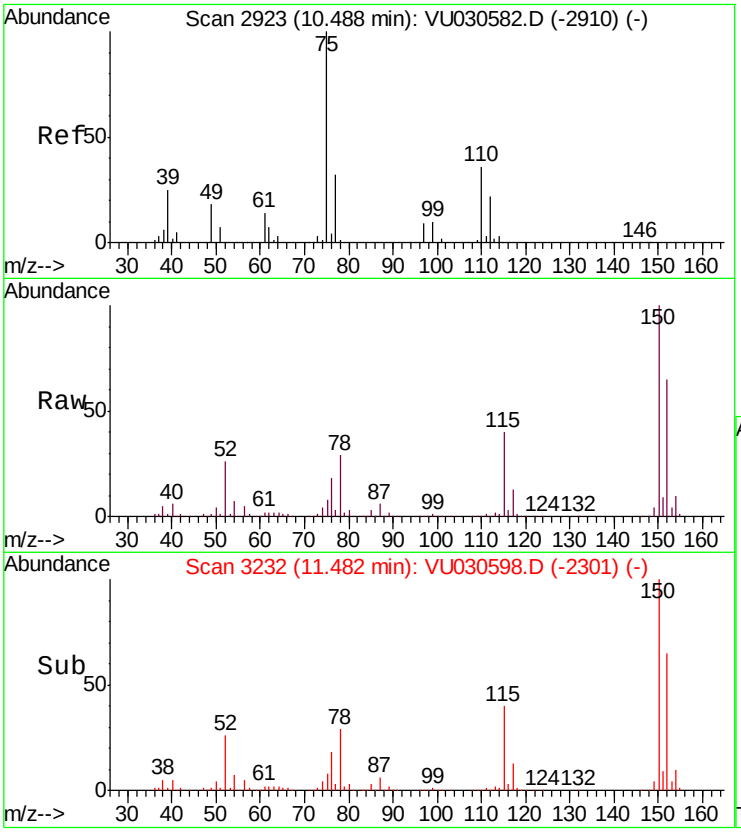


#48
2-Hexanone
Concen: 4.338 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Tgt Ion: 43 Resp: 26169

Ion	Ratio	Lower	Upper
43	100		
58	28.7	42.5	63.7#
57	26.4	15.0	22.6#
100	0.2	7.4	11.2#





#59
1,2,3-Trichloropropane
Concen: 5.358 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030598.D
Acq: 31 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2M0ME

Tgt Ion: 75 Resp: 28581

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.2