Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

Quantitation Report (Not Reviewed)

Data File : VU031681.D
Acq On : 01 May 2019 13:56
Operator : JC/SP
Sample : K2593-15DL 4000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Quant Time: May 02 02:27:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	933150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	911956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	416250	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	258715	33.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.26%			
7) Chloroethane-d5	1.68	69	232890	38.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.18%			
11) 1,1-Dichloroethene-d2	2.27	63	418299	26.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.80%#			
21) 2-Butanone-d5	4.18	46	707700	100.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.01%			
24) Chloroform-d	4.64	84	550155	38.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.92%			
26) 1,2-Dichloroethane-d4	5.31	65	377697	40.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.84%			
32) Benzene-d6	5.34	84	1152800	41.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.34%			
36) 1,2-Dichloropropane-d6	6.32	67	408548	41.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.94%			
41) Toluene-d8	7.56	98	1008971	41.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.74%			
43) trans-1,3-Dichloropropene-	7.85	79	174016	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.30%			
47) 2-Hexanone-d5	8.31	63	456602	107.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.07%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575107	43.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	371155	42.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.80%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	11527	0.871	ug/L	95
25) Chloroform	4.67	83	12630	0.827	ug/L	81
34) Trichloroethene	6.18	95	718054	88.348	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6477	0.568	ug/L	95
46) Tetrachloroethene	8.23	164	12538	2.263	ug/L	89
48) 2-Hexanone	8.31	43	55016	4.645	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	56834	5.036	ug/L	97
69) Naphthalene	13.75	128	29204	1.048	ug/L #	84

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

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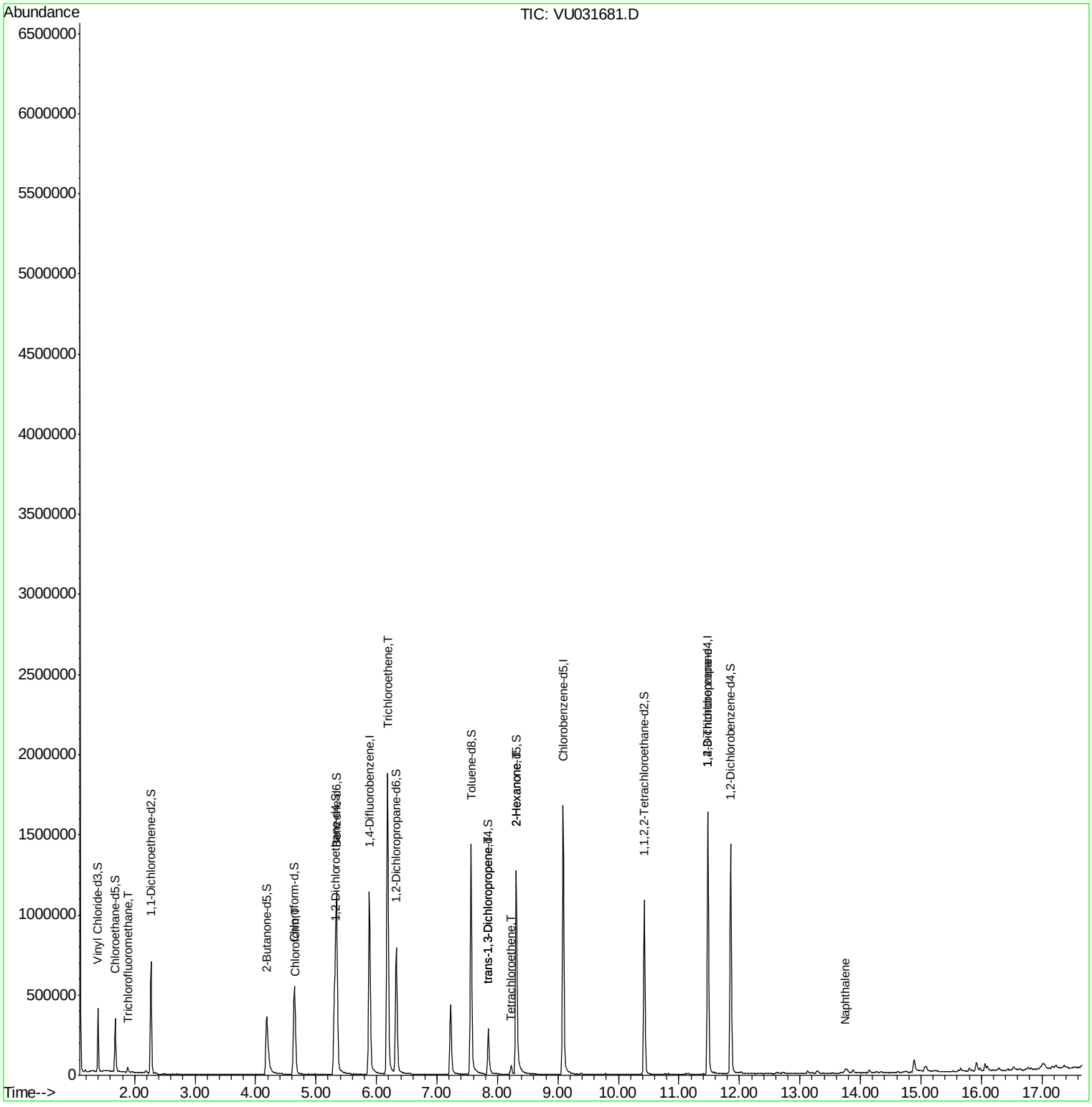
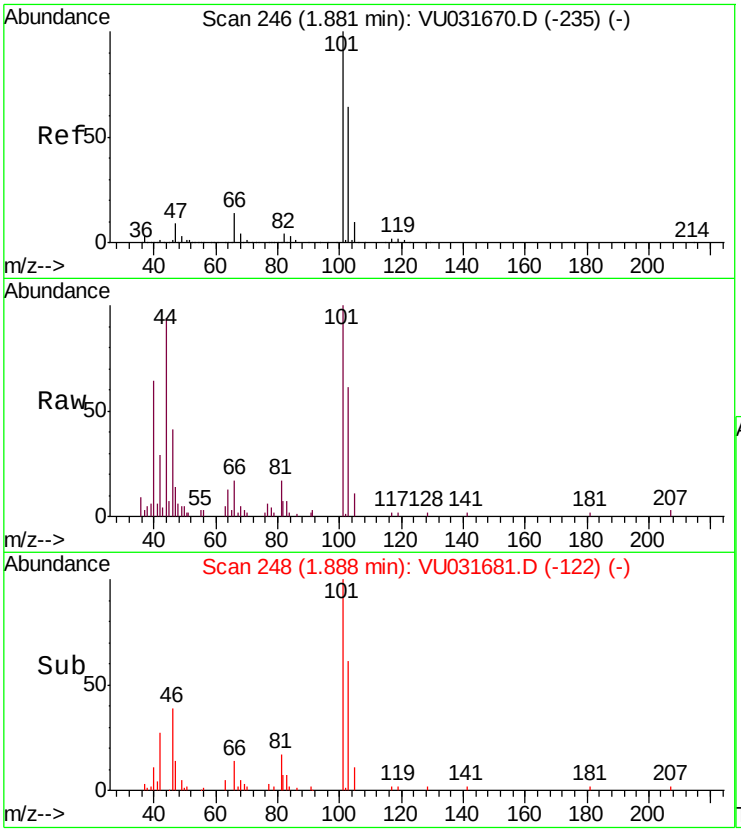
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB5DL

Quant Time: May 02 02:27:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration



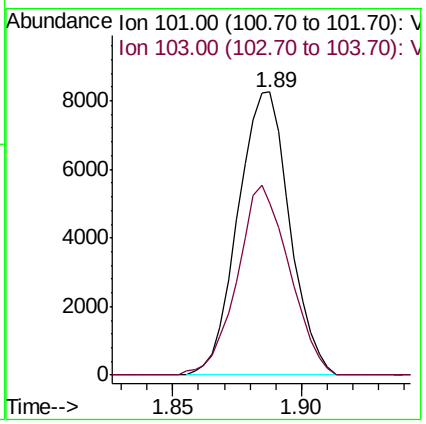


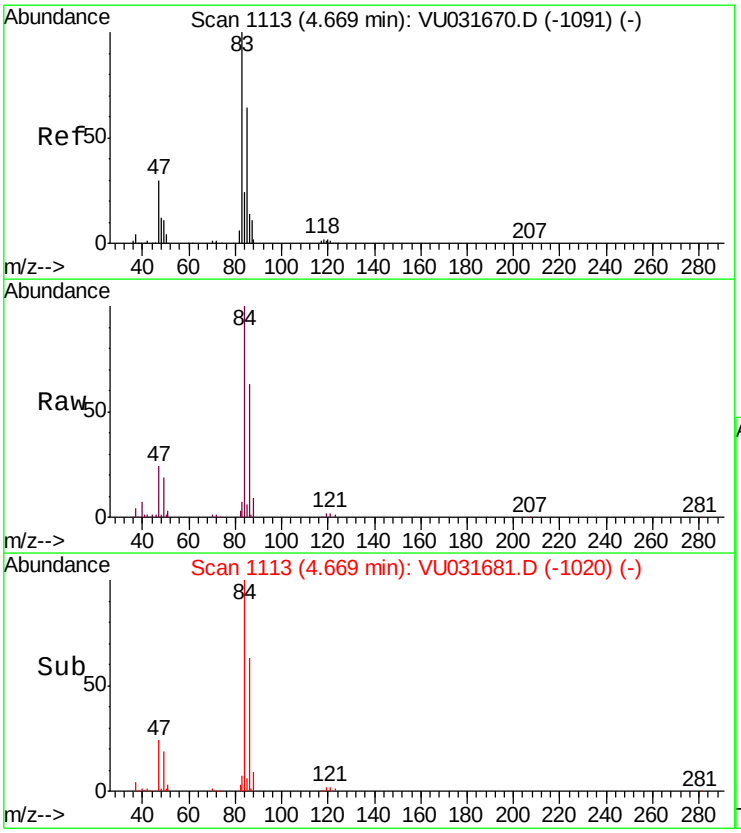
#9
Trichlorofluoromethane
Concen: 0.871 ug/L
RT: 1.89 min Scan# 248
Delta R.T. 0.01 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Tgt Ion:101 Resp: 11527

Ion	Ratio	Lower	Upper
101	100		
103	67.7	50.8	76.2

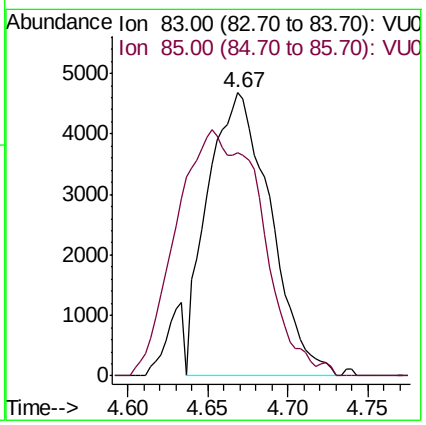


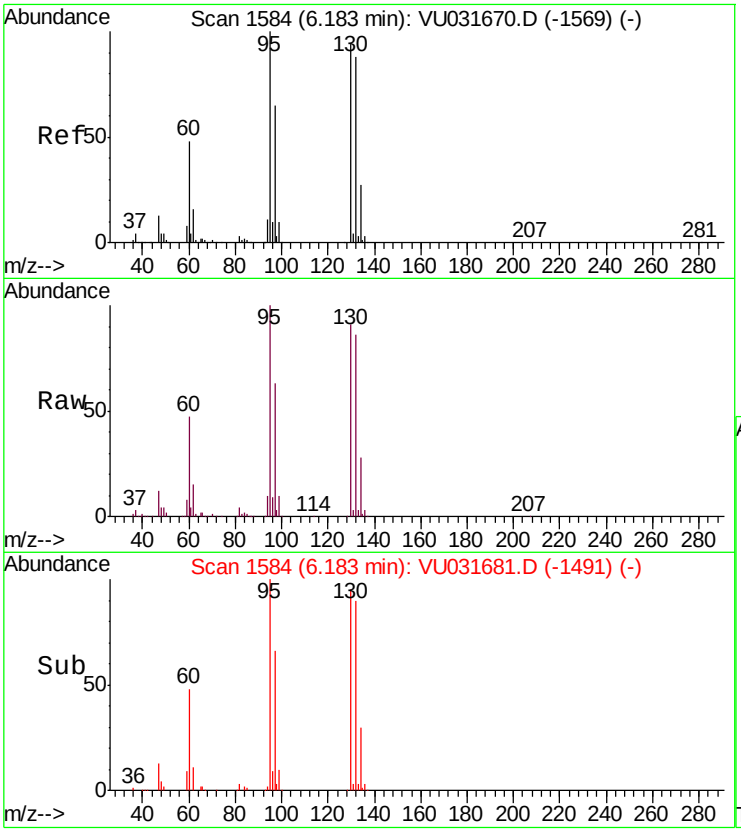


#25
Chloroform
Concen: 0.827 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Tgt Ion: 83 Resp: 12630

Ion	Ratio	Lower	Upper
83	100		
85	78.9	44.9	83.3



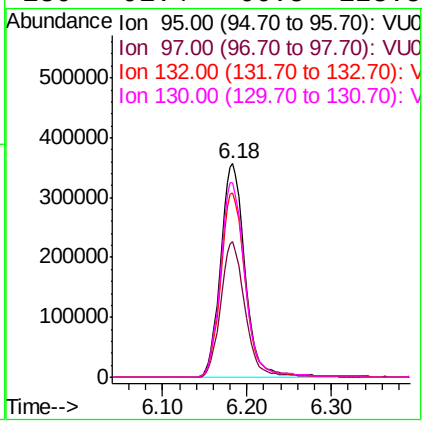


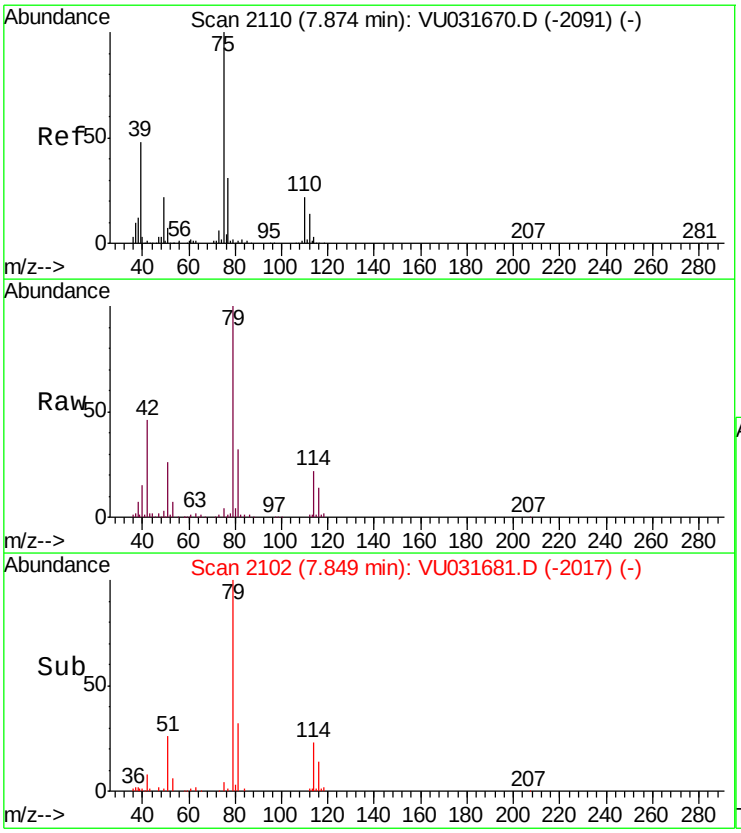
#34
Trichloroethene
Concen: 88.348 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Tgt Ion: 95 Resp: 718054

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.8	83.2
132	86.3	63.1	117.1
130	91.4	66.5	123.5

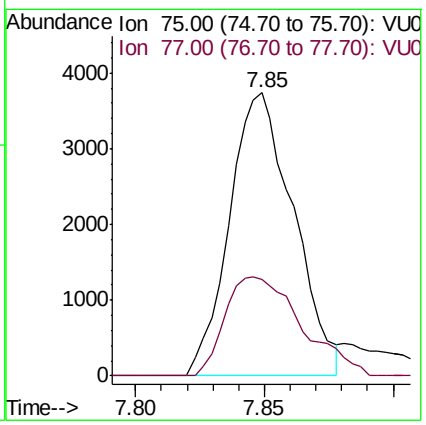


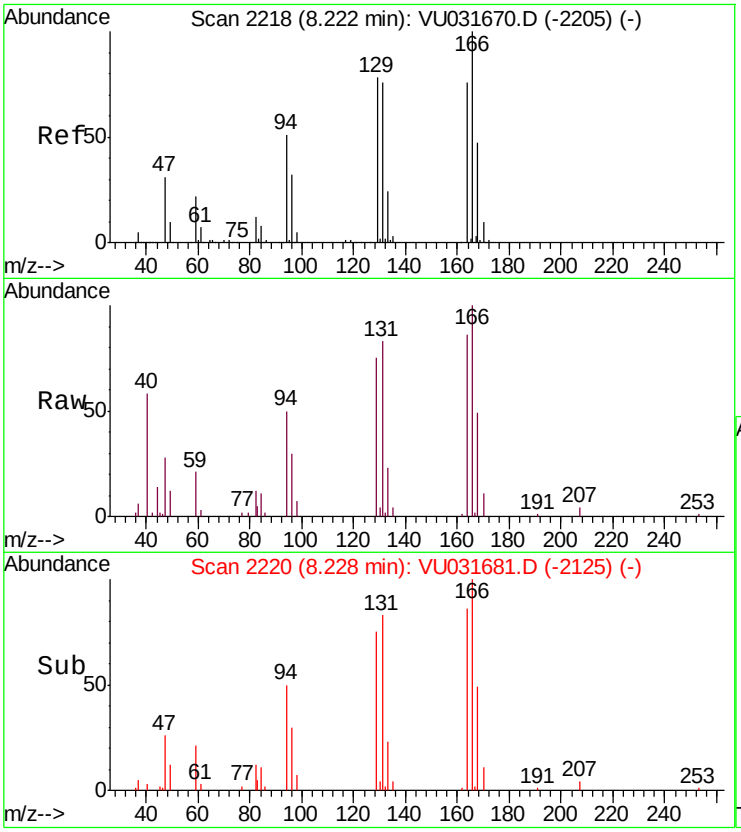


#44
trans-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Tgt Ion: 75 Resp: 6477

Ion	Ratio	Lower	Upper
75	100		
77	34.3	22.1	41.1



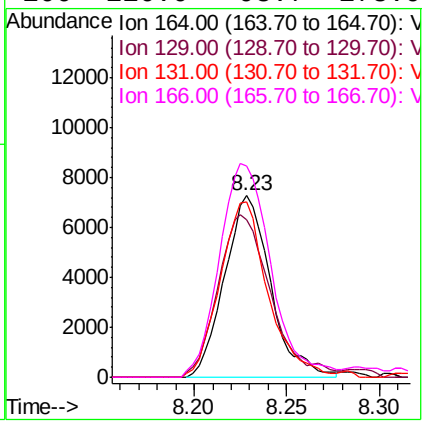


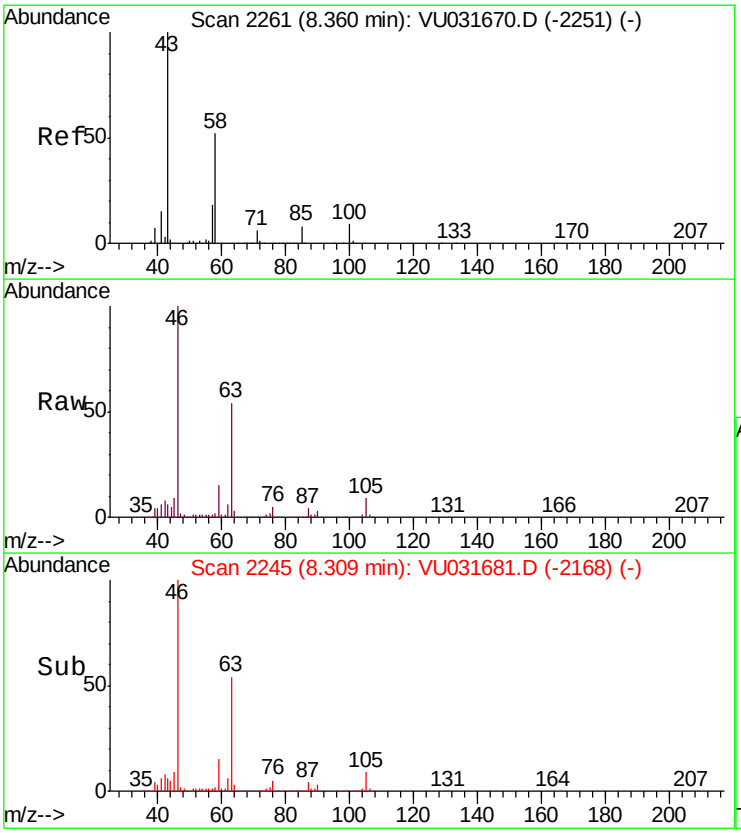
#46
Tetrachloroethene
Concen: 2.263 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Tgt Ion:164 Resp: 12538

Ion	Ratio	Lower	Upper
164	100		
129	86.8	71.5	132.9
131	96.7	69.0	128.2
166	116.0	93.7	173.9

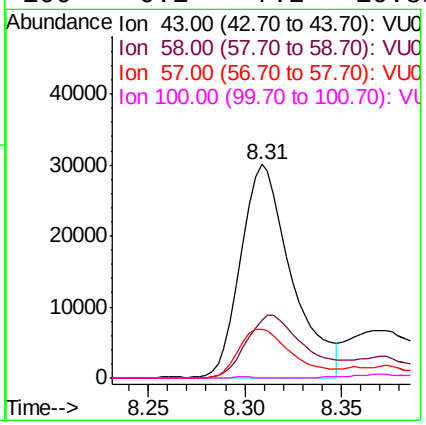


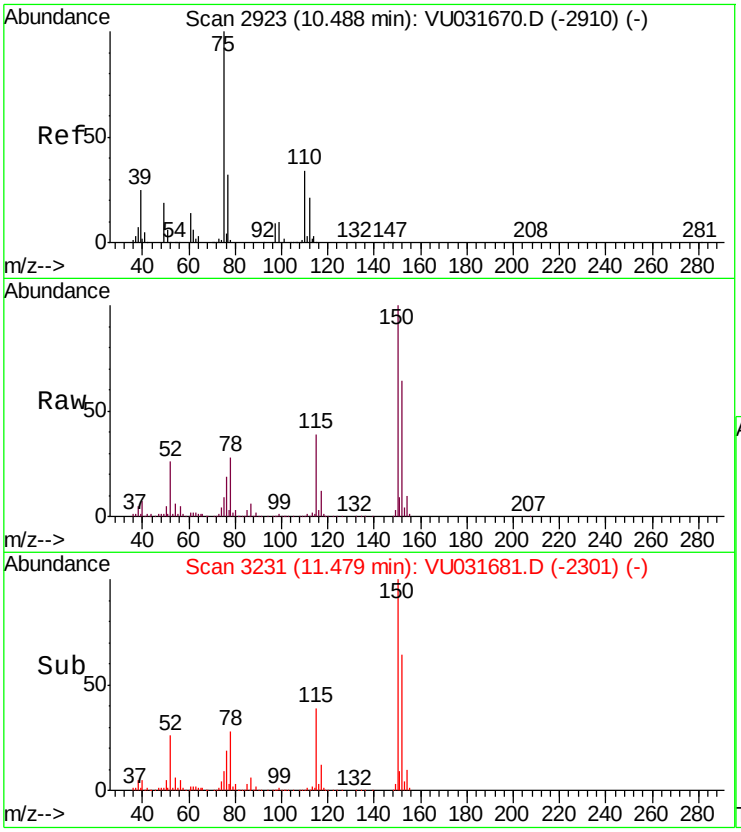


#48
2-Hexanone
Concen: 4.645 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Tgt Ion: 43 Resp: 55016

Ion	Ratio	Lower	Upper
43	100		
58	34.1	42.1	63.1#
57	23.7	14.6	22.0#
100	0.1	7.2	10.8#



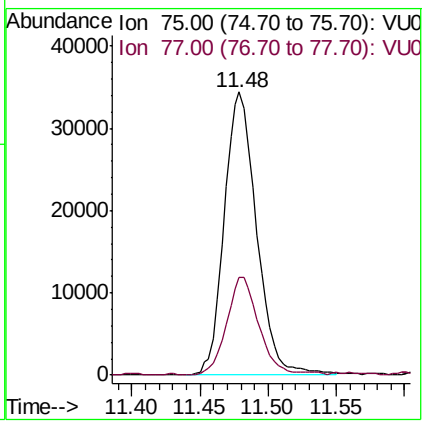


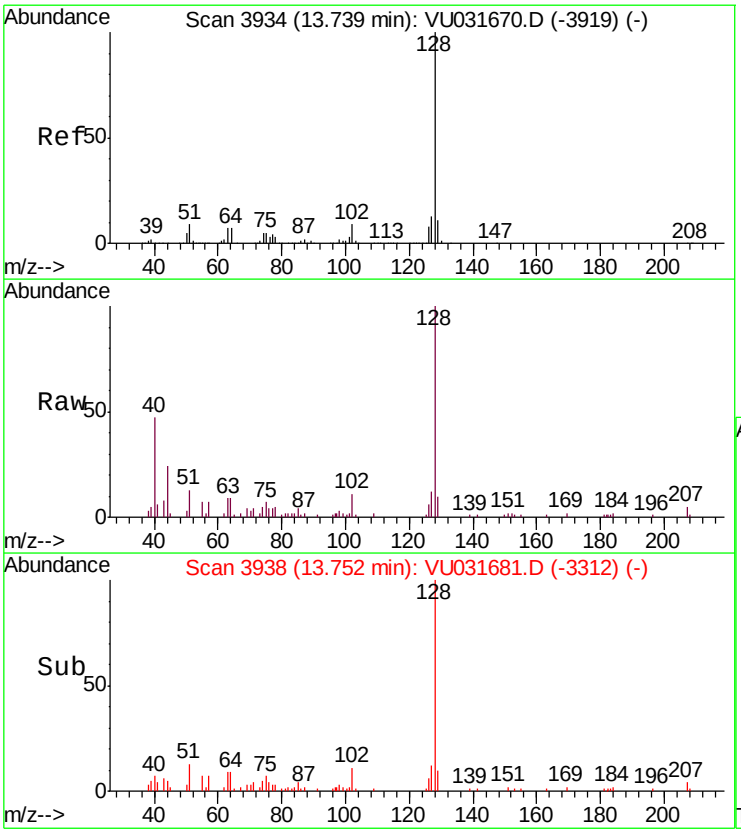
#59
1,2,3-Trichloropropane
Concen: 5.036 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Instrument : MSVOA_U
ClientSampleId : C0XB5DL

Tgt Ion: 75 Resp: 56834

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.9	38.9





#69
Naphthalene
Concen: 1.048 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. 0.01 min
Lab File: VU031681.D
Acq: 01 May 2019 13:56

Tgt Ion:128 Resp: 29204

Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.6	15.8#
129	3.3	8.7	13.1#