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

Quantitation Report (Not Reviewed)

Data File : VU031685.D
Acq On : 01 May 2019 15:29
Operator : JC/SP
Sample : K2593-19DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XG5DL

Quant Time: May 02 02:27:59 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	923674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	895795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400846	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	256126	33.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.26%			
7) Chloroethane-d5	1.68	69	233181	39.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.06%			
11) 1,1-Dichloroethene-d2	2.36	63	392	0.03	ug/L	0.09
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.19	46	681939	97.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.36%			
24) Chloroform-d	4.65	84	538712	38.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.10%			
26) 1,2-Dichloroethane-d4	5.31	65	368186	39.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.62%			
32) Benzene-d6	5.34	84	1126573	40.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.92%			
36) 1,2-Dichloropropane-d6	6.32	67	409594	42.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.64%			
41) Toluene-d8	7.56	98	994220	41.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	7.85	79	172847	41.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.22%			
47) 2-Hexanone-d5	8.31	63	441575	105.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	568649	43.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	372401	44.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.36%			
Target Compounds						Qvalue
25) Chloroform	4.67	83	17049	1.127	ug/L	87
34) Trichloroethene	6.18	95	436933	54.730	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6614	0.590	ug/L	95
46) Tetrachloroethene	8.23	164	5264	0.967	ug/L	93
48) 2-Hexanone	8.31	43	53164	4.569	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	53782	4.852	ug/L	95
69) Naphthalene	13.78	128	12236	0.456	ug/L #	78

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

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Quantitation Report (Not Reviewed)

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Sample : K2593-19DL 5000X
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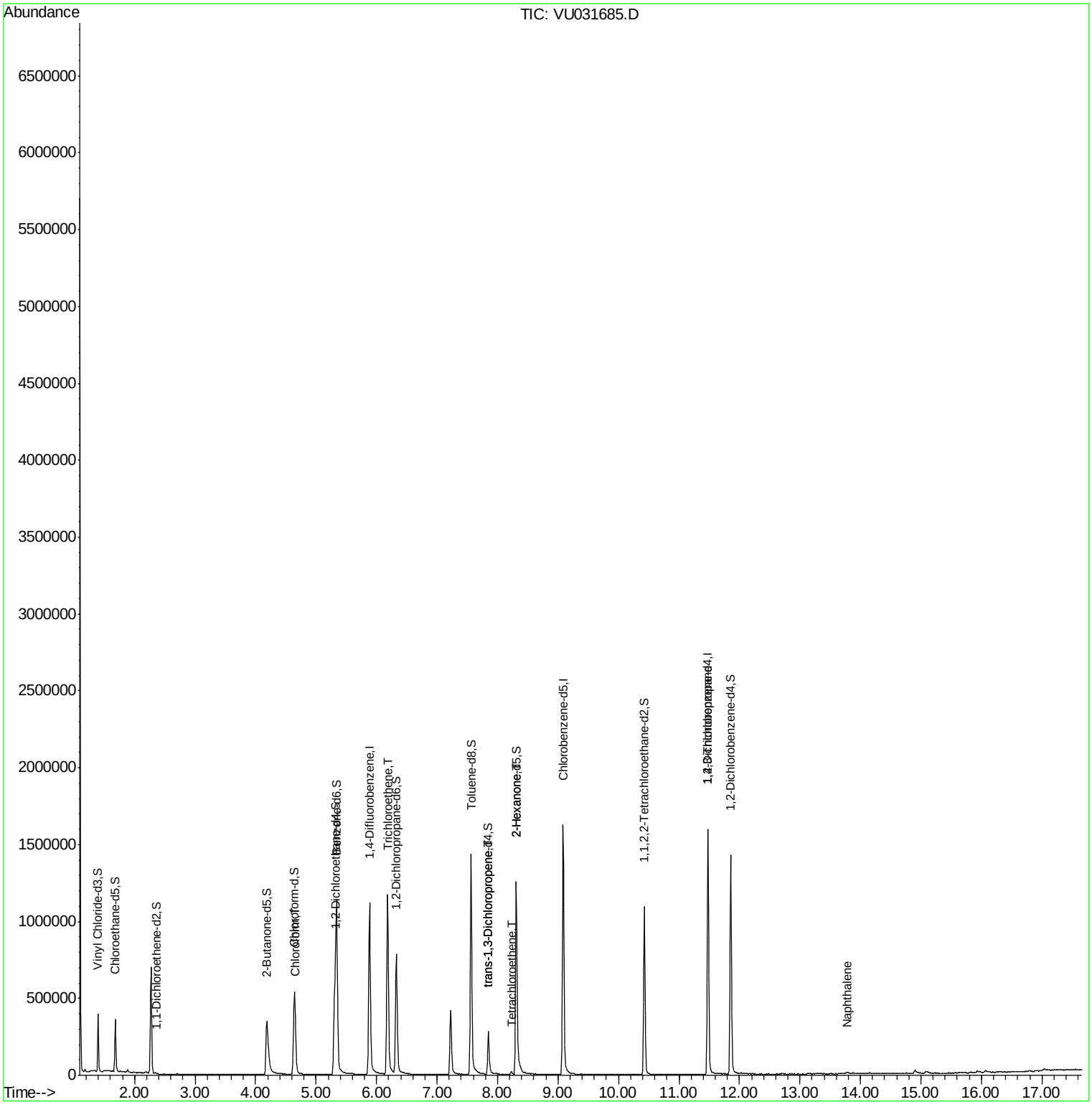
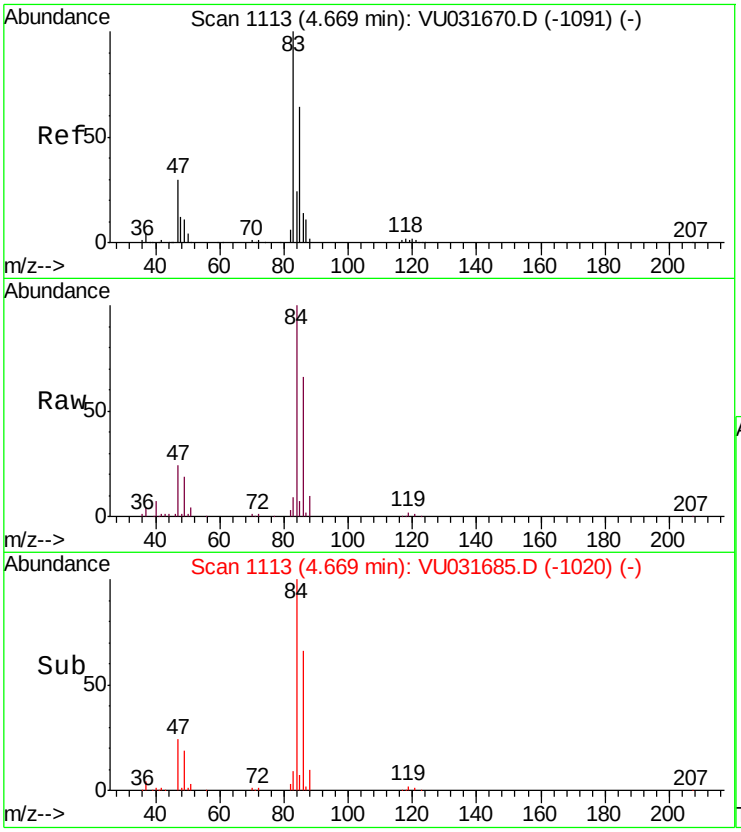
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG5DL

Quant Time: May 02 02:27:59 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



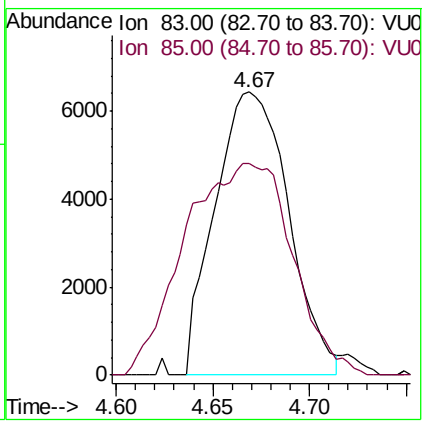


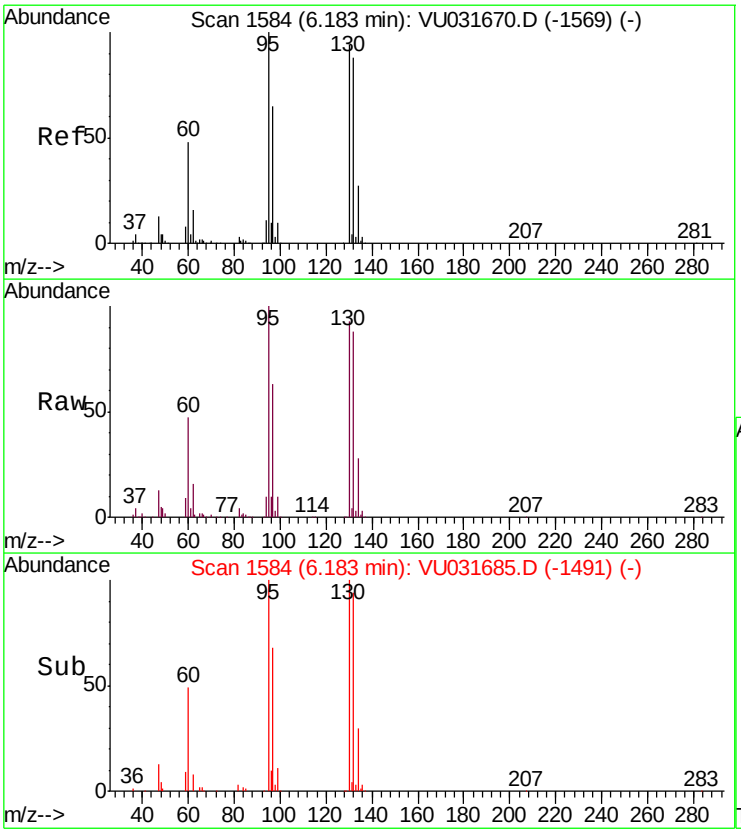
#25
Chloroform
Concen: 1.127 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Instrument : MSVOA_U
ClientSampleId : C0XG5DL

Tgt Ion: 83 Resp: 17049

Ion	Ratio	Lower	Upper
83	100		
85	74.6	44.9	83.3

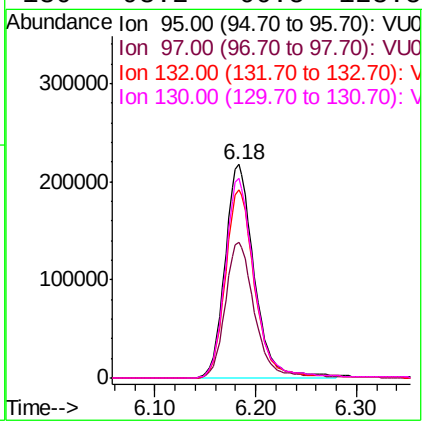


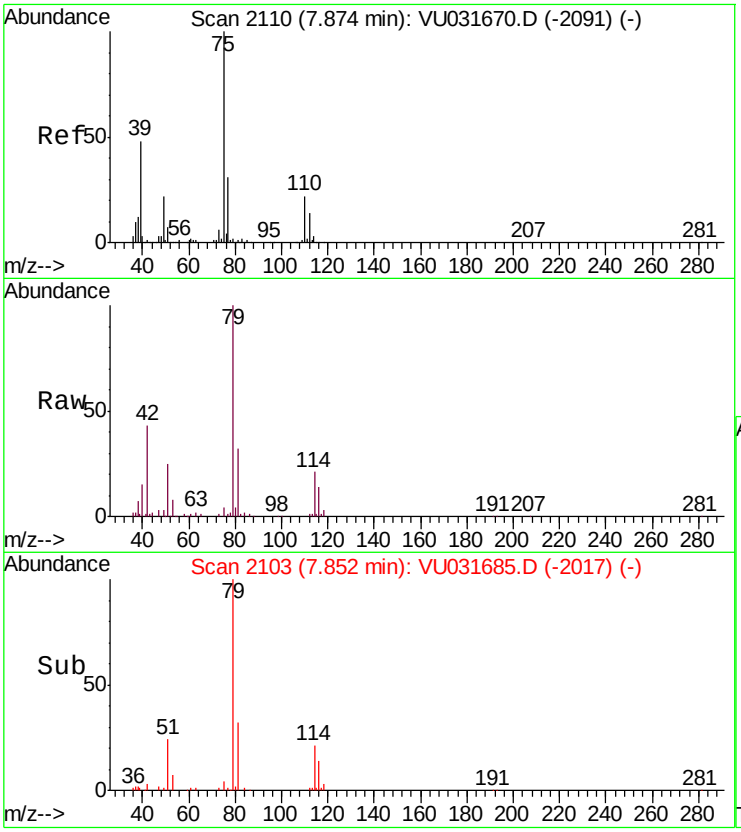


#34
Trichloroethene
Concen: 54.730 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Tgt Ion: 95 Resp: 436933

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.8	83.2
132	88.1	63.1	117.1
130	93.2	66.5	123.5



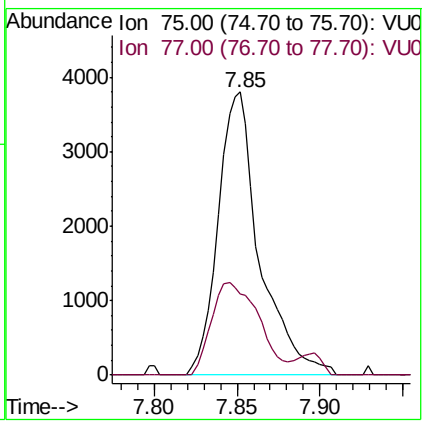


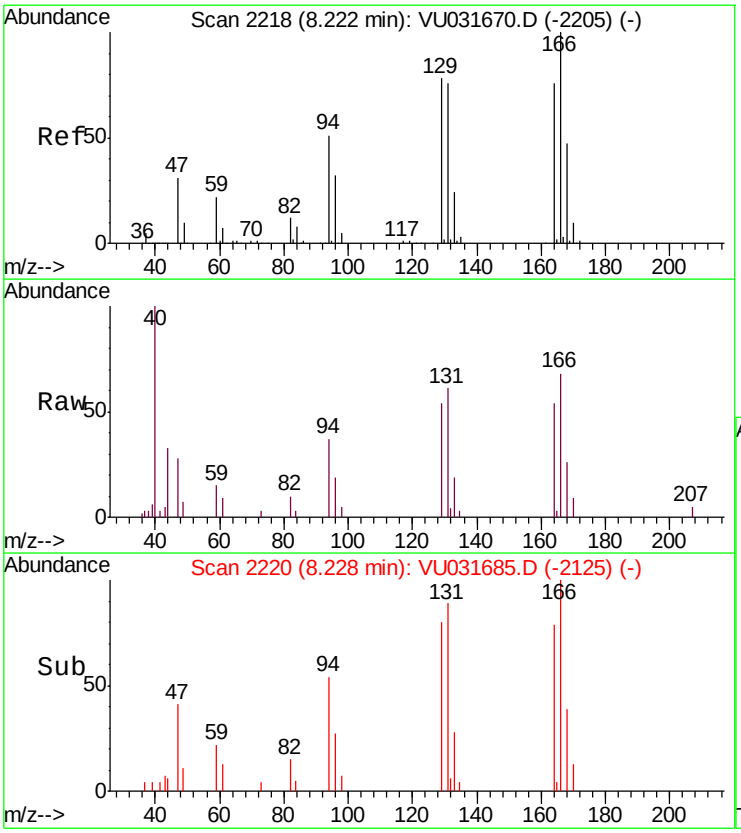
#44
trans-1,3-Dichloropropene
Concen: 0.590 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Instrument : MSVOA_U
ClientSampleId : C0XG5DL

Tgt Ion: 75 Resp: 6614

Ion	Ratio	Lower	Upper
75	100		
77	28.7	22.1	41.1

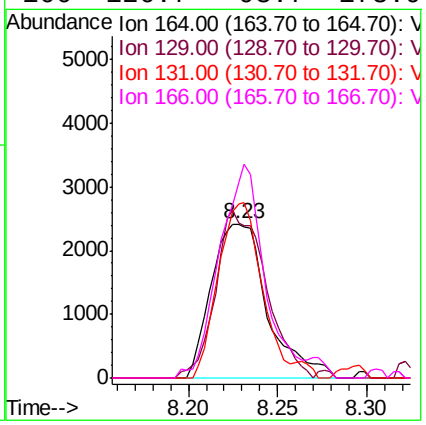


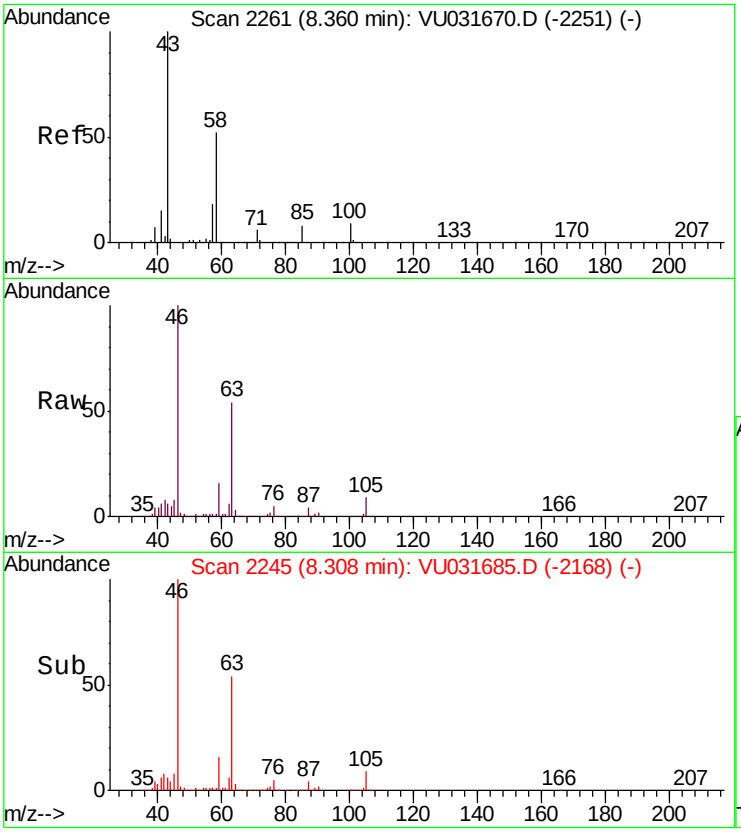


#46
Tetrachloroethene
Concen: 0.967 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Tgt Ion:164 Resp: 5264

Ion	Ratio	Lower	Upper
164	100		
129	100.8	71.5	132.9
131	112.6	69.0	128.2
166	126.7	93.7	173.9



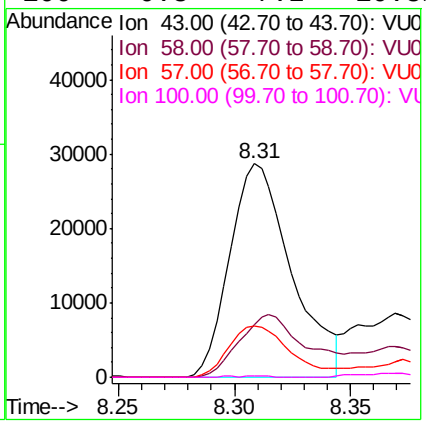


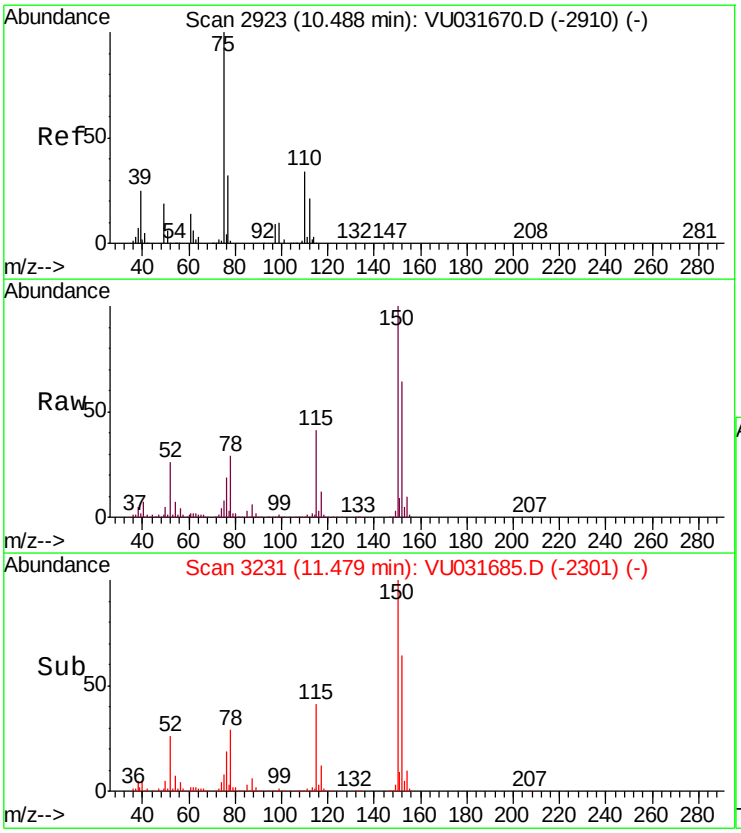
#48
2-Hexanone
Concen: 4.569 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Instrument : MSVOA_U
ClientSampleId : C0XG5DL

Tgt Ion: 43 Resp: 53164

Ion	Ratio	Lower	Upper
43	100		
58	32.2	42.1	63.1#
57	23.3	14.6	22.0#
100	0.3	7.2	10.8#

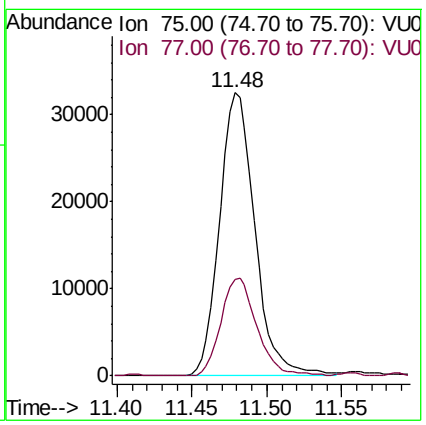


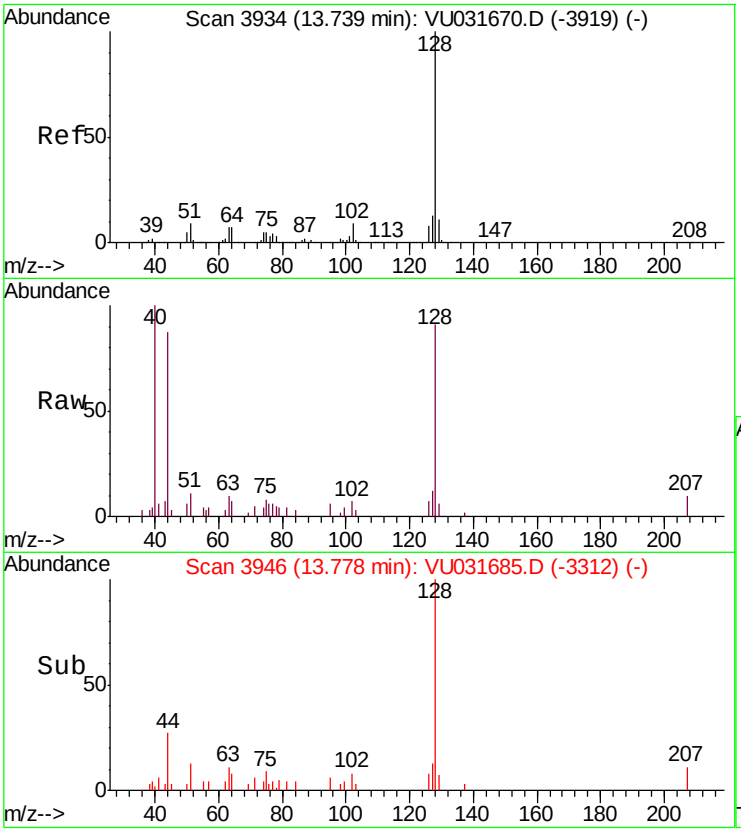


#59
1,2,3-Trichloropropane
Concen: 4.852 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Tgt Ion: 75 Resp: 53782

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.9	38.9





#69
Naphthalene
Concen: 0.456 ug/L
RT: 13.78 min Scan# 3946
Delta R.T. 0.04 min
Lab File: VU031685.D
Acq: 01 May 2019 15:29

Instrument :
MSVOA_U
ClientSampleId :
C0XG5DL

Tgt Ion:128 Resp: 12236

Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.6	15.8#
129	2.4	8.7	13.1#