Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Not Reviewed)

Data File : VU030265.D
Acq On : 21 Mar 2019 15:01
Operator : JC/SP
Sample : K1988-20ME
Misc : 6.36g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0D2ME

Quant Time: Mar 22 04:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	563210	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	561148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294377	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	140632	36.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.86%			
7) Chloroethane-d5	1.64	69	69621	22.86	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.72%#			
11) 1,1-Dichloroethene-d2	2.23	63	203529	29.29	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.58%#			
21) 2-Butanone-d5	4.19	46	291885	103.31	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.31%			
24) Chloroform-d	4.64	84	313655	44.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.76%			
26) 1,2-Dichloroethane-d4	5.30	65	189623	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
32) Benzene-d6	5.33	84	659590	44.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.22%			
36) 1,2-Dichloropropane-d6	6.32	67	213941	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.52%			
41) Toluene-d8	7.56	98	592836	42.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.28%			
43) trans-1,3-Dichloropropene-	7.85	79	98419	44.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.34%			
47) 2-Hexanone-d5	8.32	63	268038	112.97	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	379772	54.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	285778	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.70%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	158755	37.204	ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	4897	0.736	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	3609	0.627	ug/L	86
46) Tetrachloroethene	8.22	164	2722	0.755	ug/L	89
48) 2-Hexanone	8.32	43	26698	5.645	ug/L #	64
49) Dibromochloromethane	8.22	129	2646	0.554	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	30767	5.490	ug/L	93

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

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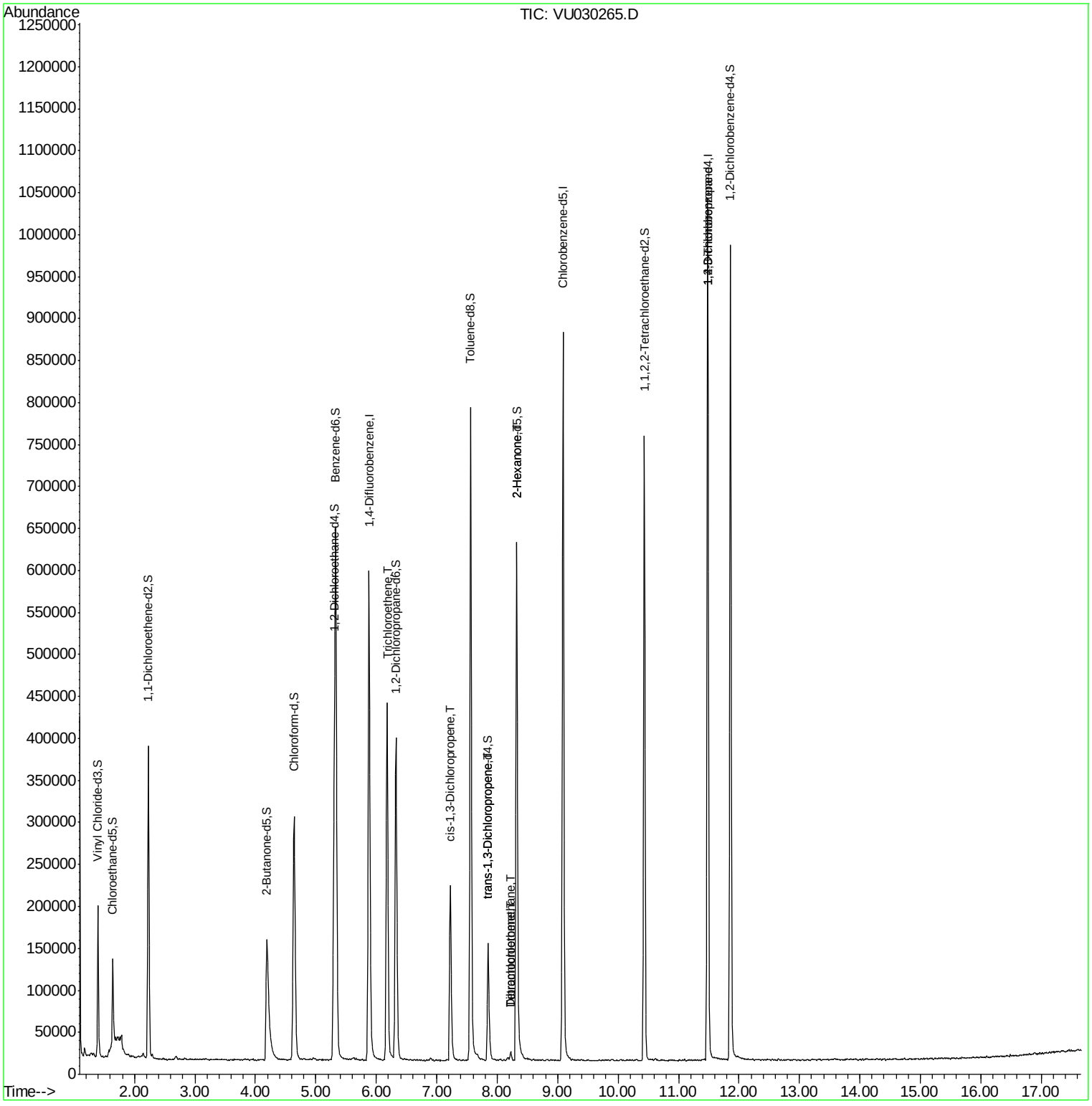
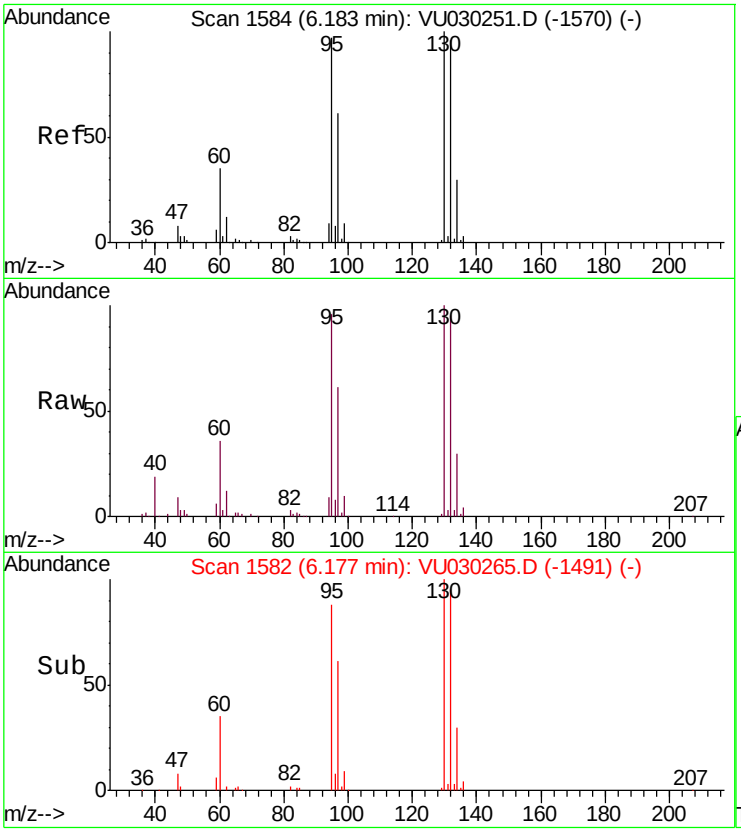
Sample : K1988-20ME
Misc : 6.36g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0D2ME

Quant Time: Mar 22 04:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration



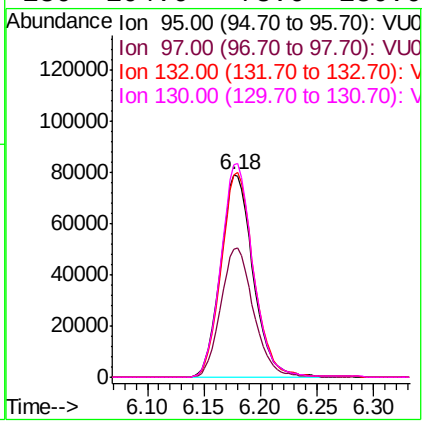


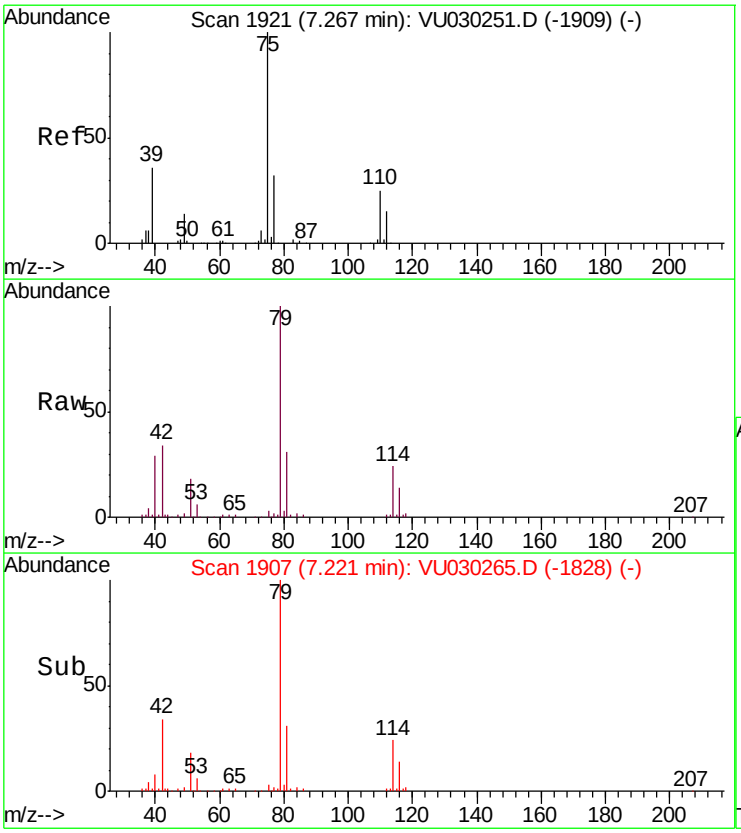
#34
Trichloroethene
Concen: 37.204 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
BF0D2ME

Tgt Ion: 95 Resp: 158755

Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.2	85.8
132	99.6	69.3	128.7
130	104.6	73.6	136.6

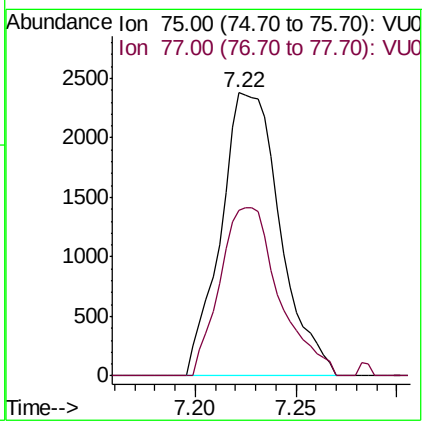


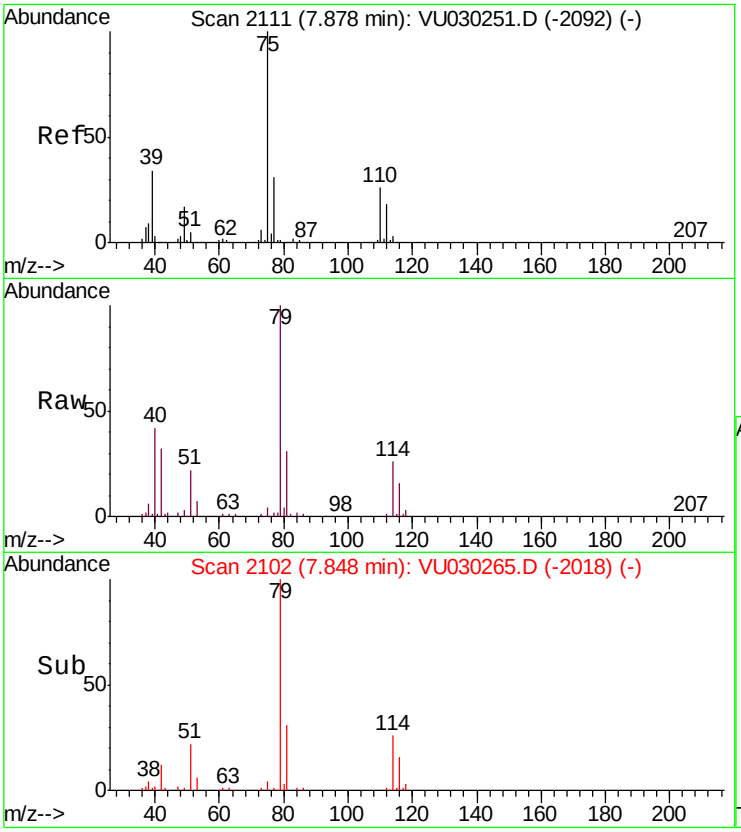


#39
cis-1,3-Dichloropropene
Concen: 0.736 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Tgt Ion: 75 Resp: 4897

Ion	Ratio	Lower	Upper
75	100		
77	58.5	22.1	41.1#



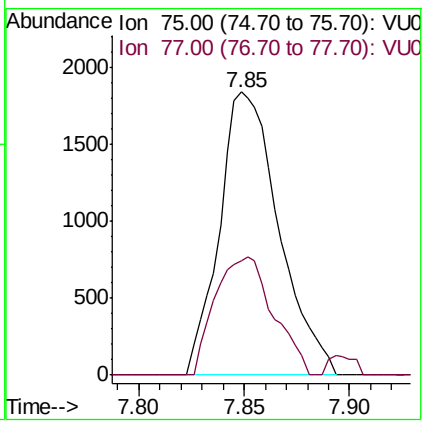


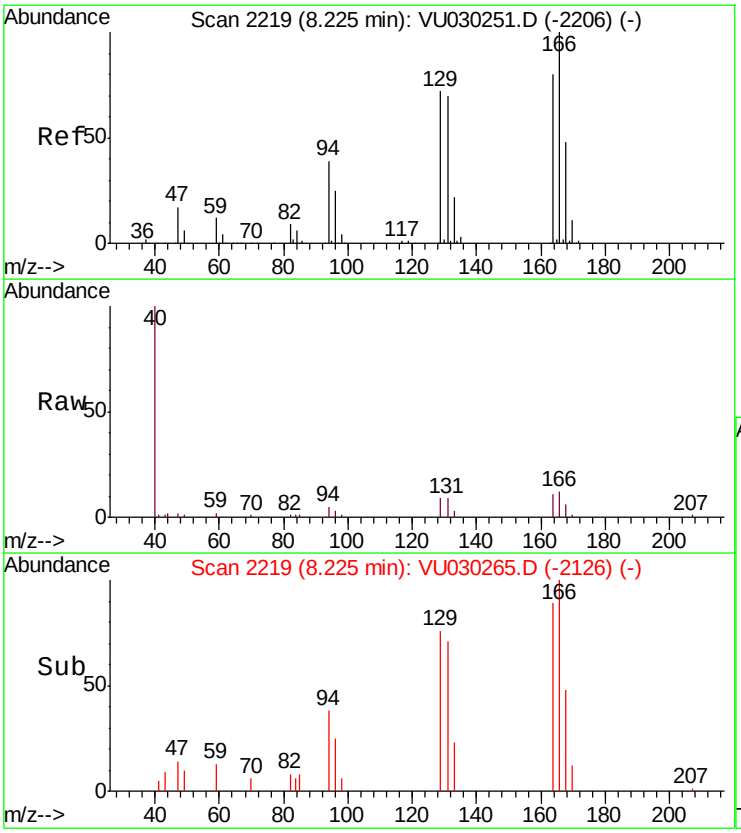
#44
trans-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
BF0D2ME

Tgt Ion: 75 Resp: 3609

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.7	42.1

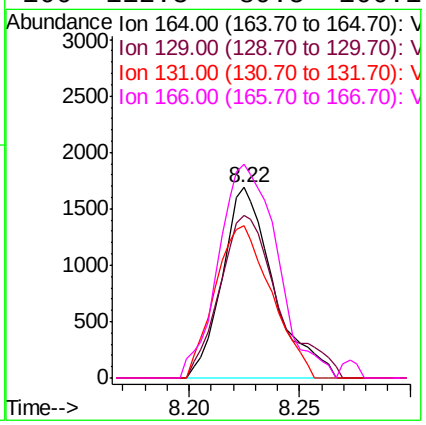


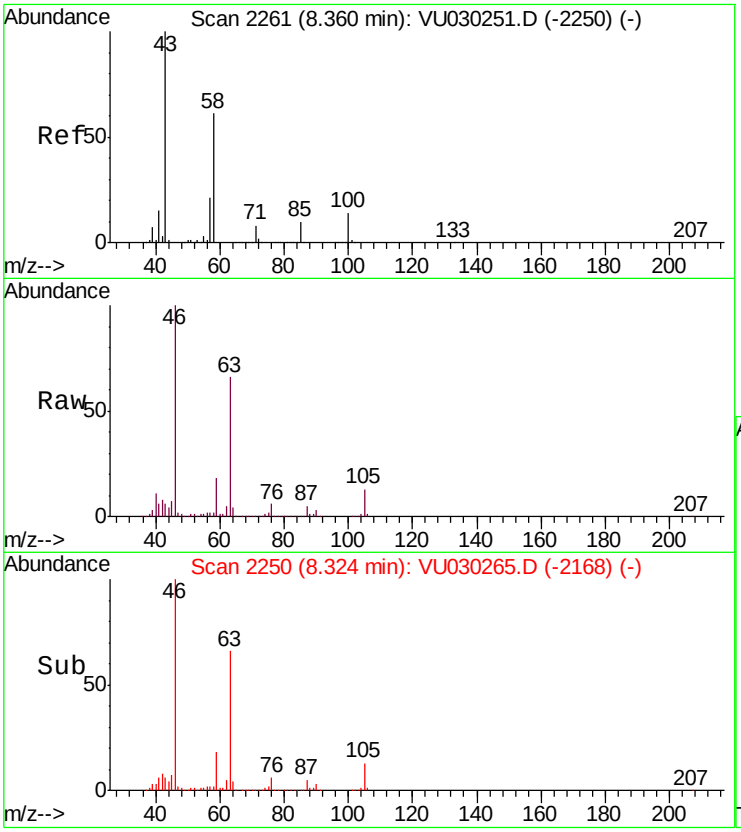


#46
Tetrachloroethene
Concen: 0.755 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Tgt Ion:164 Resp: 2722

Ion	Ratio	Lower	Upper
164	100		
129	85.8	64.4	119.6
131	79.8	63.2	117.4
166	112.3	89.5	166.1



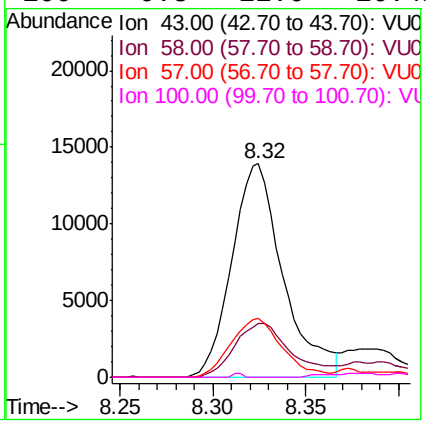


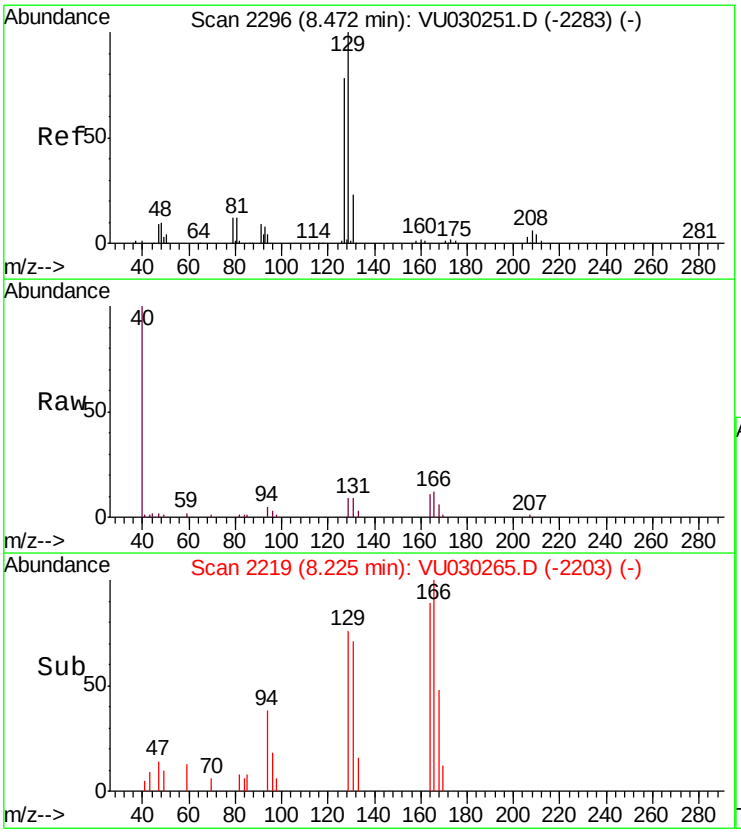
#48
2-Hexanone
Concen: 5.645 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Instrument : MSVOA_U
ClientSampleId : BF0D2ME

Tgt Ion: 43 Resp: 26698

Ion	Ratio	Lower	Upper
43	100		
58	27.6	49.3	73.9#
57	27.4	17.0	25.4#
100	0.3	11.0	16.4#

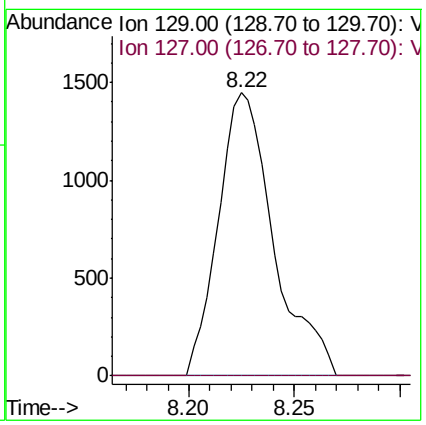


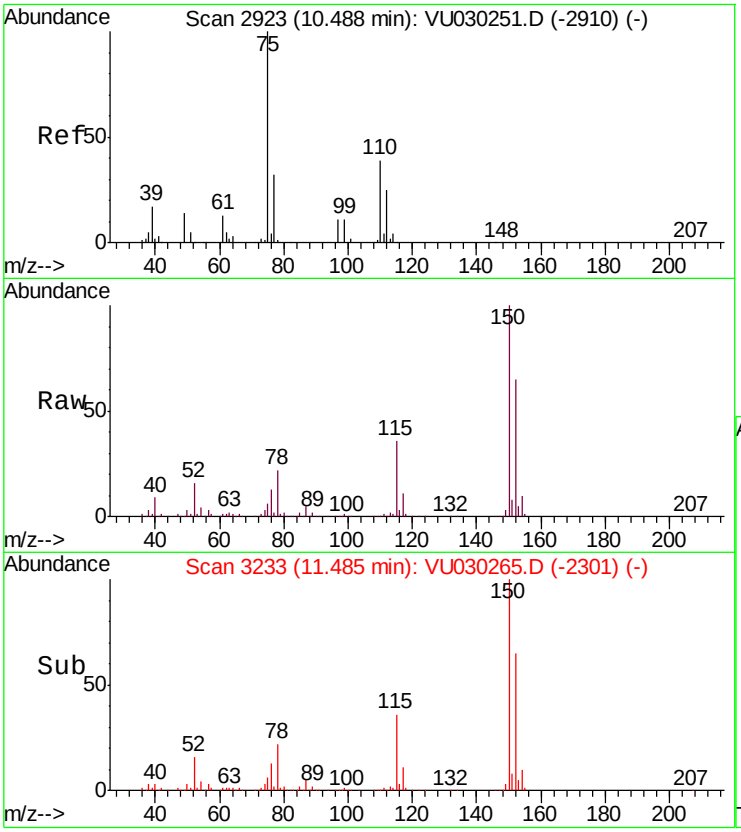


#49
Dibromochloromethane
Concen: 0.554 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Tgt Ion:129 Resp: 2646

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#59
1,2,3-Trichloropropane
Concen: 5.490 ug/L
RT: 11.48 min Scan# 3233
Delta R.T. 1.00 min
Lab File: VU030265.D
Acq: 21 Mar 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
BF0D2ME

Tgt Ion: 75 Resp: 30767

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.8	38.8