Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (Not Reviewed)

Data File : VU030149.D
Acq On : 16 Mar 2019 16:55
Operator : JC/SP
Sample : K1939-18RE
Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0Y1

Quant Time: Mar 18 04:29:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	571193	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	309797	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	131388	34.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.56%			
7) Chloroethane-d5	1.70	69	362	0.12	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.24%#			
11) 1,1-Dichloroethene-d2	2.32	63	156	0.02	ug/L	0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.04%#			
21) 2-Butanone-d5	4.19	46	257362	90.92	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.92%			
24) Chloroform-d	4.64	84	270979	39.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.96%			
26) 1,2-Dichloroethane-d4	5.30	65	166185	42.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.88%			
32) Benzene-d6	5.33	84	573114	38.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.62%			
36) 1,2-Dichloropropane-d6	6.32	67	186165	40.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.32%			
41) Toluene-d8	7.56	98	515744	36.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.64%#			
43) trans-1,3-Dichloropropene-	7.85	79	85324	38.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.94%			
47) 2-Hexanone-d5	8.32	63	239317	93.42	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333376	47.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.78%			
64) 1,2-Dichlorobenzene-d4	11.86	152	250718	41.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.56%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	142957	32.209	ug/L	94
34) Trichloroethene	6.18	95	23508	5.394	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4586	0.674	ug/L #	63
46) Tetrachloroethene	8.22	164	185069	48.522	ug/L	99
48) 2-Hexanone	8.32	43	24329	4.828	ug/L #	61
49) Dibromochloromethane	8.22	129	169408	34.662	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	31604	5.548	ug/L	94

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

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Instrument : MSVOA_U
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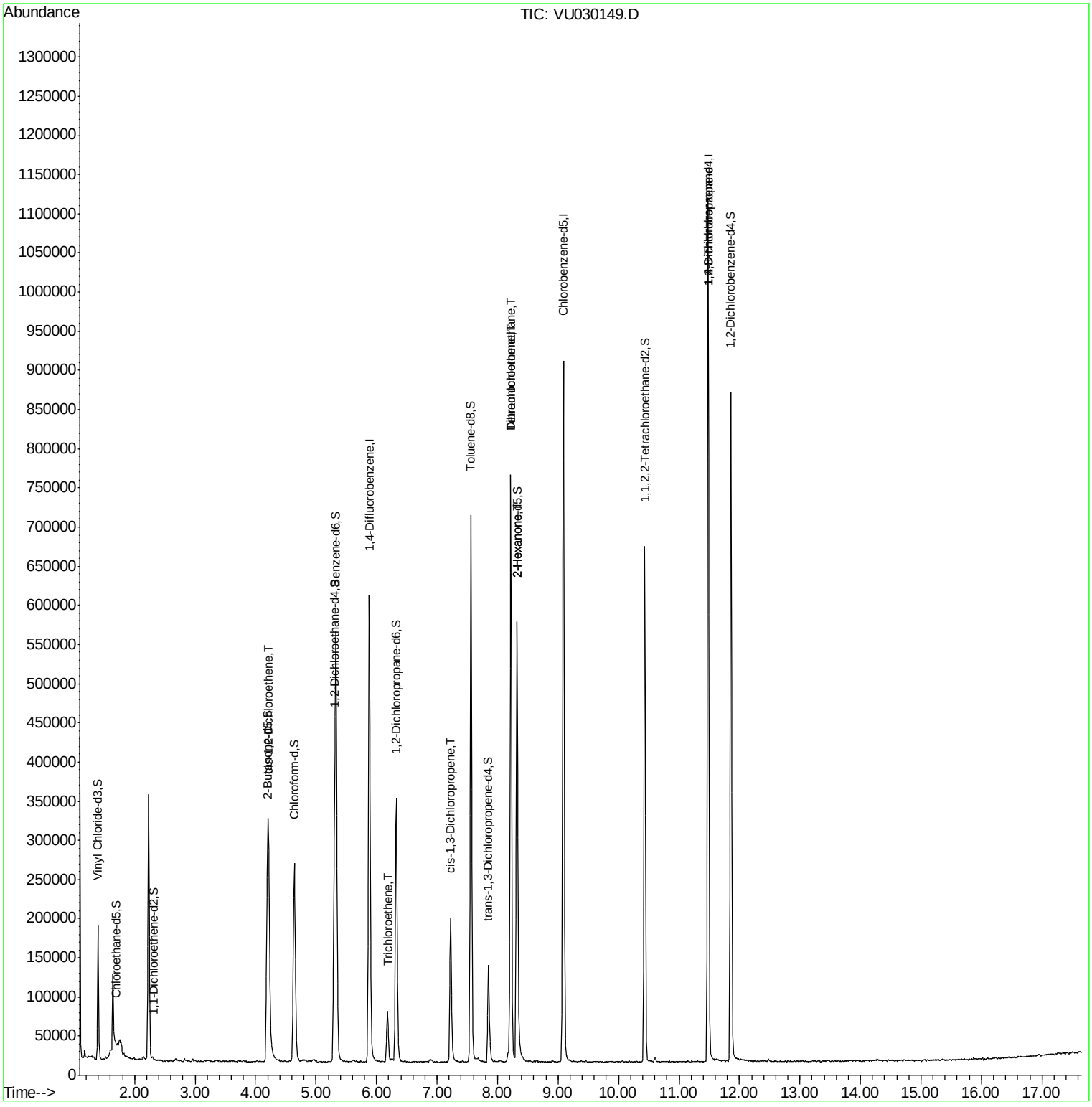
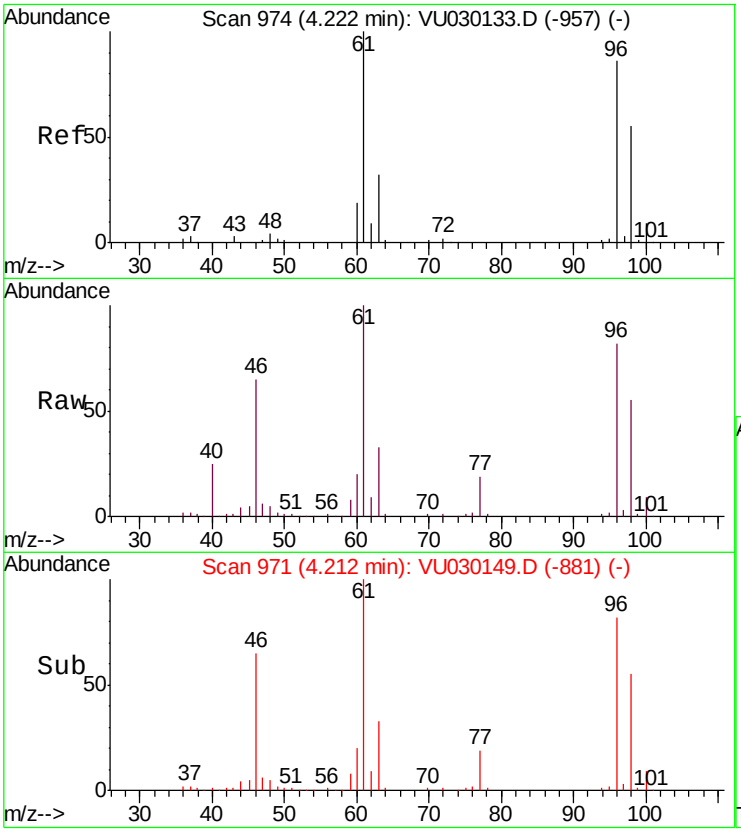
Quant Time: Mar 18 04:29:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration



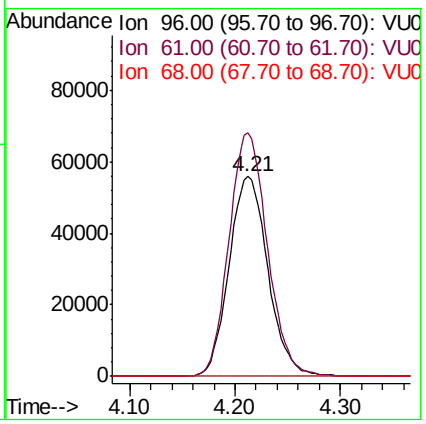


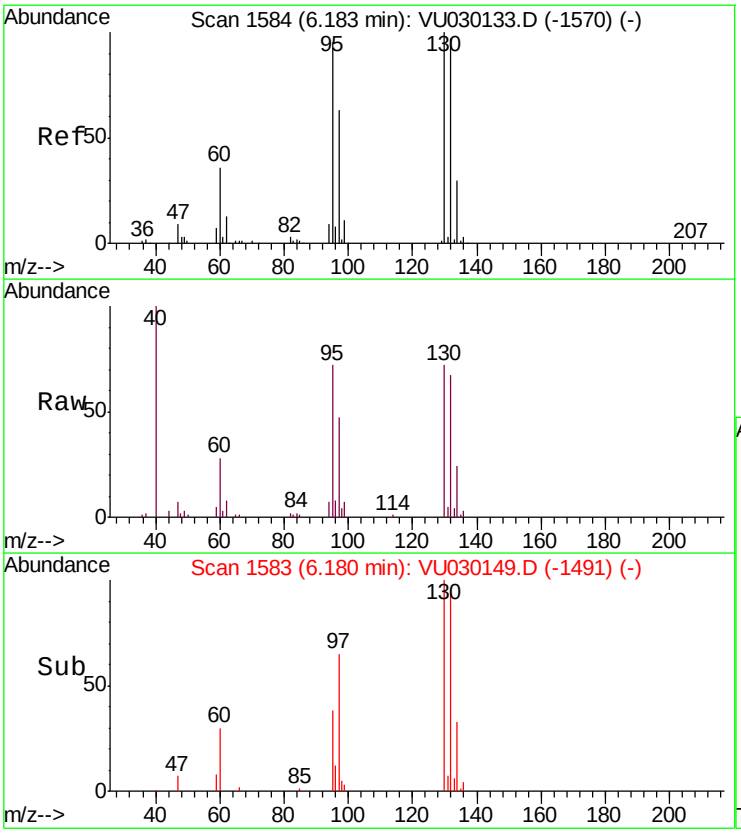
#20
cis-1,2-Dichloroethene
Concen: 32.209 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BF0Y1

Tgt Ion: 96 Resp: 142957

Ion	Ratio	Lower	Upper
96	100		
61	122.0	80.8	150.2
68	0.0	0.0	0.0

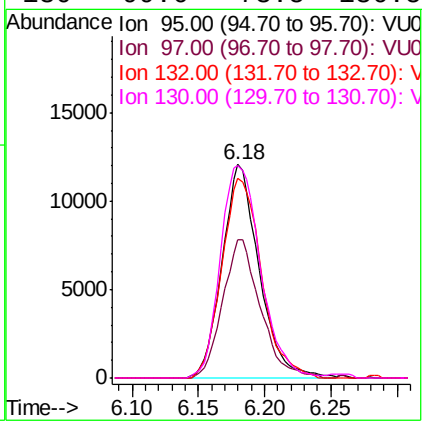


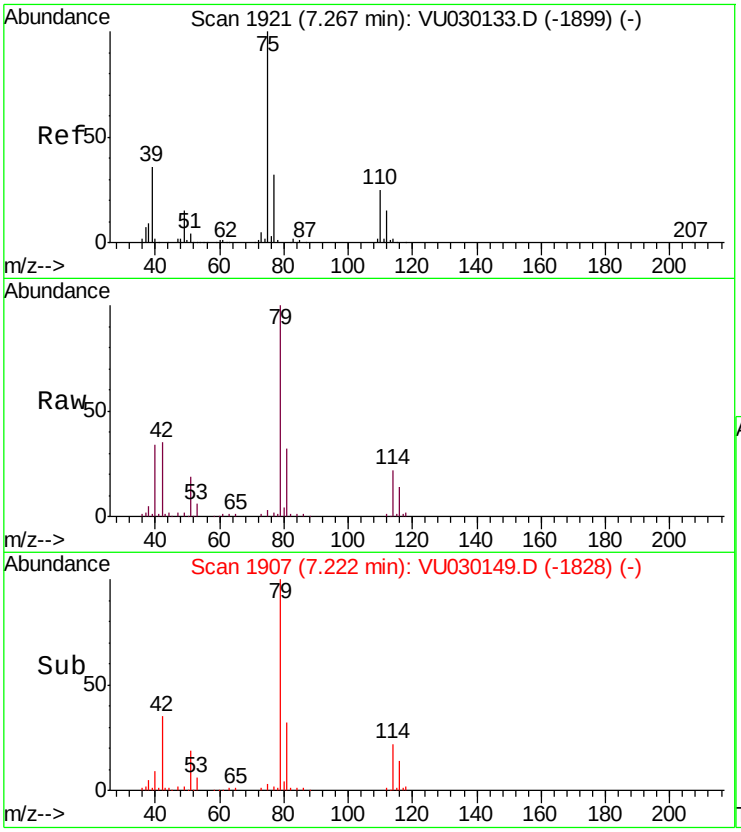


#34
Trichloroethene
Concen: 5.394 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Tgt Ion: 95 Resp: 23508

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.5	84.5
132	93.2	71.5	132.7
130	99.6	73.5	136.5



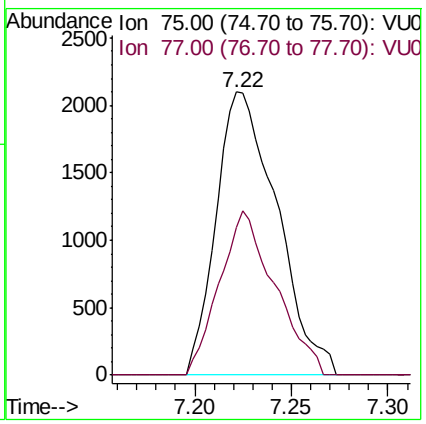


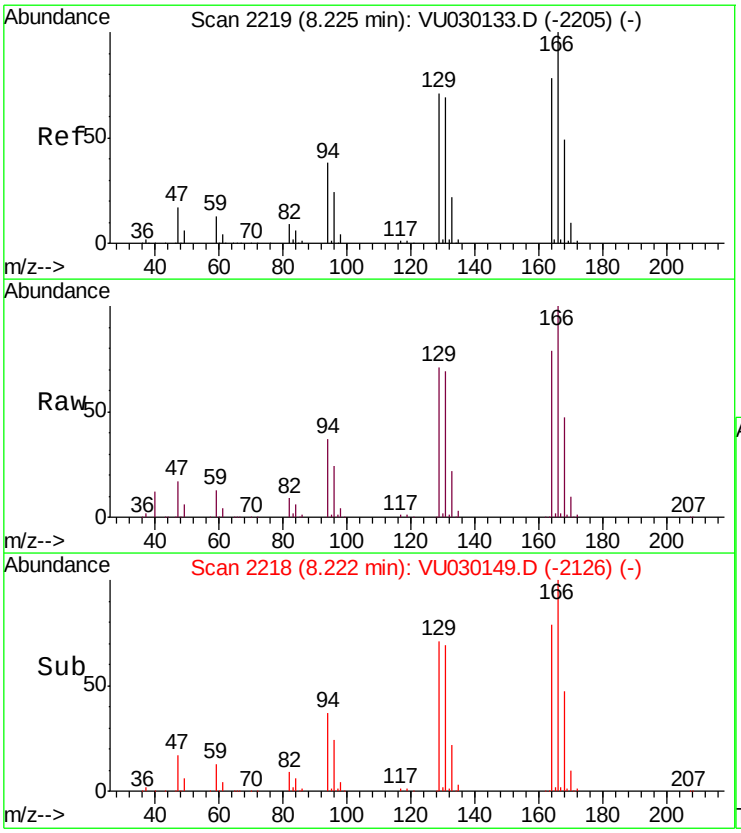
#39
cis-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BF0Y1

Tgt Ion: 75 Resp: 4586

Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.2	41.2#

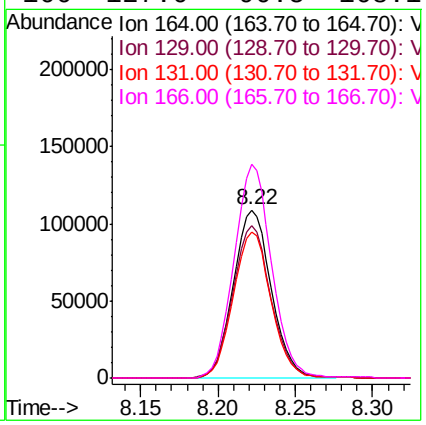


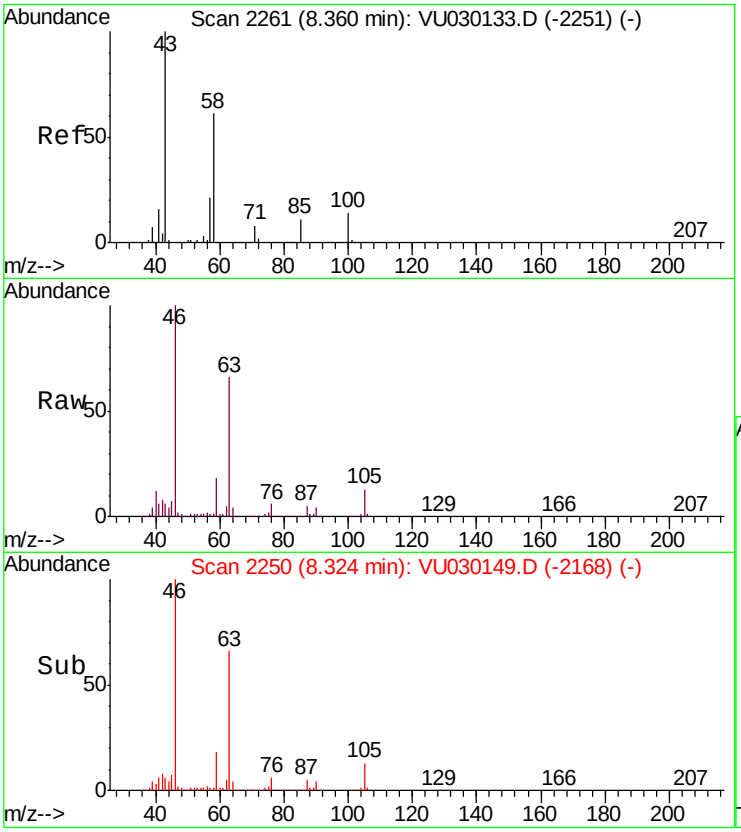


#46
Tetrachloroethene
Concen: 48.522 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Tgt Ion:164 Resp: 185069

Ion	Ratio	Lower	Upper
164	100		
129	90.5	63.3	117.7
131	87.1	62.0	115.2
166	127.0	90.5	168.1



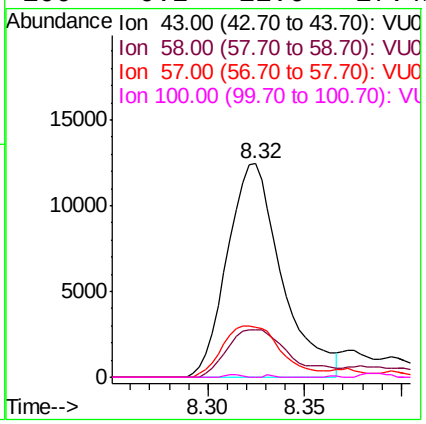


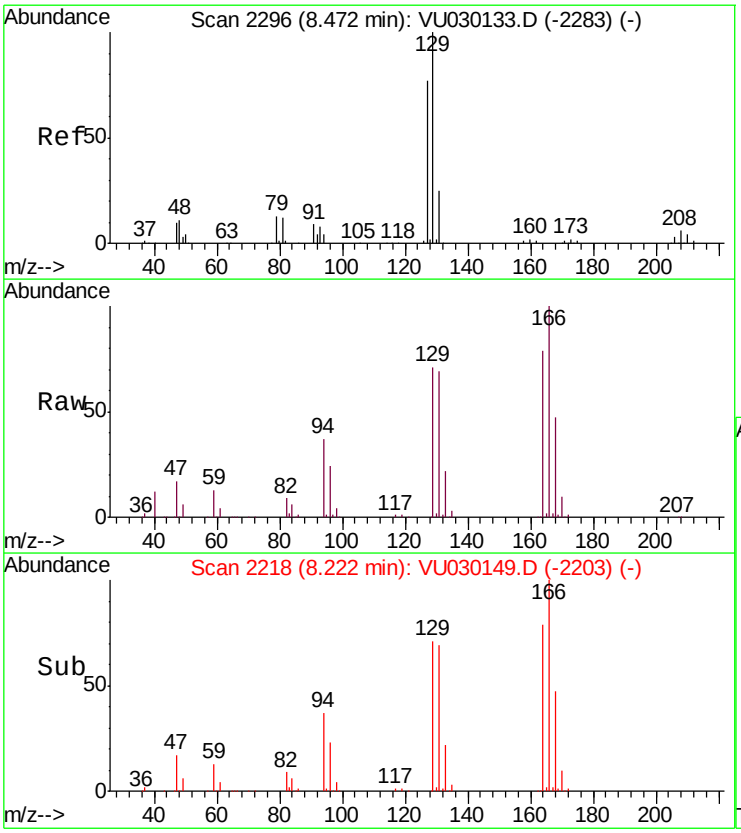
#48
2-Hexanone
Concen: 4.828 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument : MSVOA_U
ClientSampleId : BF0Y1

Tgt Ion: 43 Resp: 24329

Ion	Ratio	Lower	Upper
43	100		
58	23.9	48.6	72.8#
57	26.0	16.1	24.1#
100	0.2	11.6	17.4#

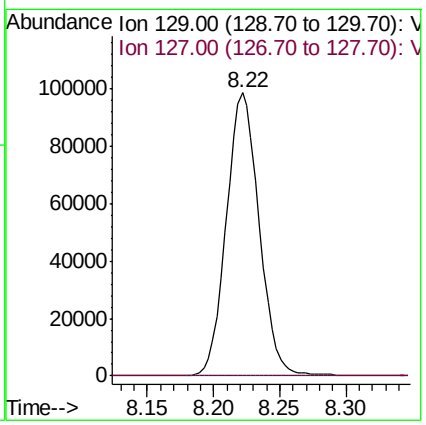


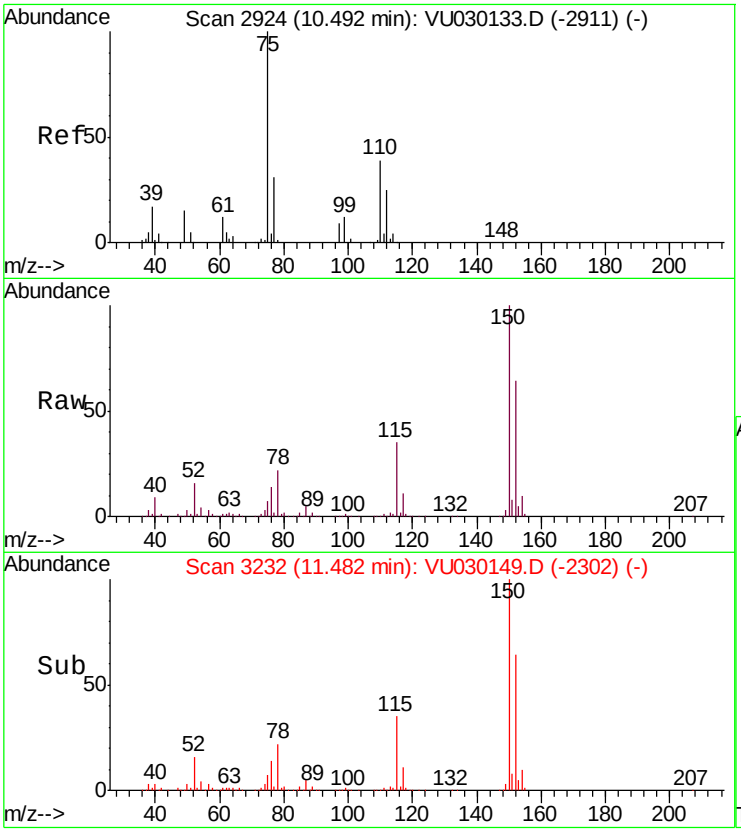


#49
Dibromochloromethane
Concen: 34.662 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Tgt Ion:129 Resp: 169408

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#





#59
1,2,3-Trichloropropane
Concen: 5.548 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030149.D
Acq: 16 Mar 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BF0Y1

Tgt Ion: 75 Resp: 31604

Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.8	38.8