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

Quantitation Report (Not Reviewed)

Data File : VU030153.D
Acq On : 16 Mar 2019 18:26
Operator : JC/SP
Sample : K1936-14
Misc : 4.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0X2

Quant Time: Mar 18 04:29:40 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	570404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306284	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	133129	35.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.58%			
7) Chloroethane-d5	1.94	69	101	0.03	ug/L	0.26
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.06%#			
11) 1,1-Dichloroethene-d2	2.23	63	188636	27.70	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.40%#			
21) 2-Butanone-d5	4.19	46	267115	94.49	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.49%			
24) Chloroform-d	4.64	84	270493	39.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.94%			
26) 1,2-Dichloroethane-d4	5.30	65	164895	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.34%			
32) Benzene-d6	5.33	84	573572	38.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.18%			
36) 1,2-Dichloropropane-d6	6.32	67	184932	40.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.30%			
41) Toluene-d8	7.56	98	514300	36.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.90%#			
43) trans-1,3-Dichloropropene-	7.85	79	83210	37.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.52%			
47) 2-Hexanone-d5	8.32	63	242073	95.10	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332964	47.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	252483	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2671	0.672	ug/L	100
20) cis-1,2-Dichloroethene	4.21	96	5236	1.181	ug/L	94
34) Trichloroethene	6.18	95	13477	3.112	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	4373	0.647	ug/L #	51
46) Tetrachloroethene	8.22	164	170345	44.948	ug/L	98
48) 2-Hexanone	8.32	43	23525	4.699	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	31221	5.516	ug/L	96

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

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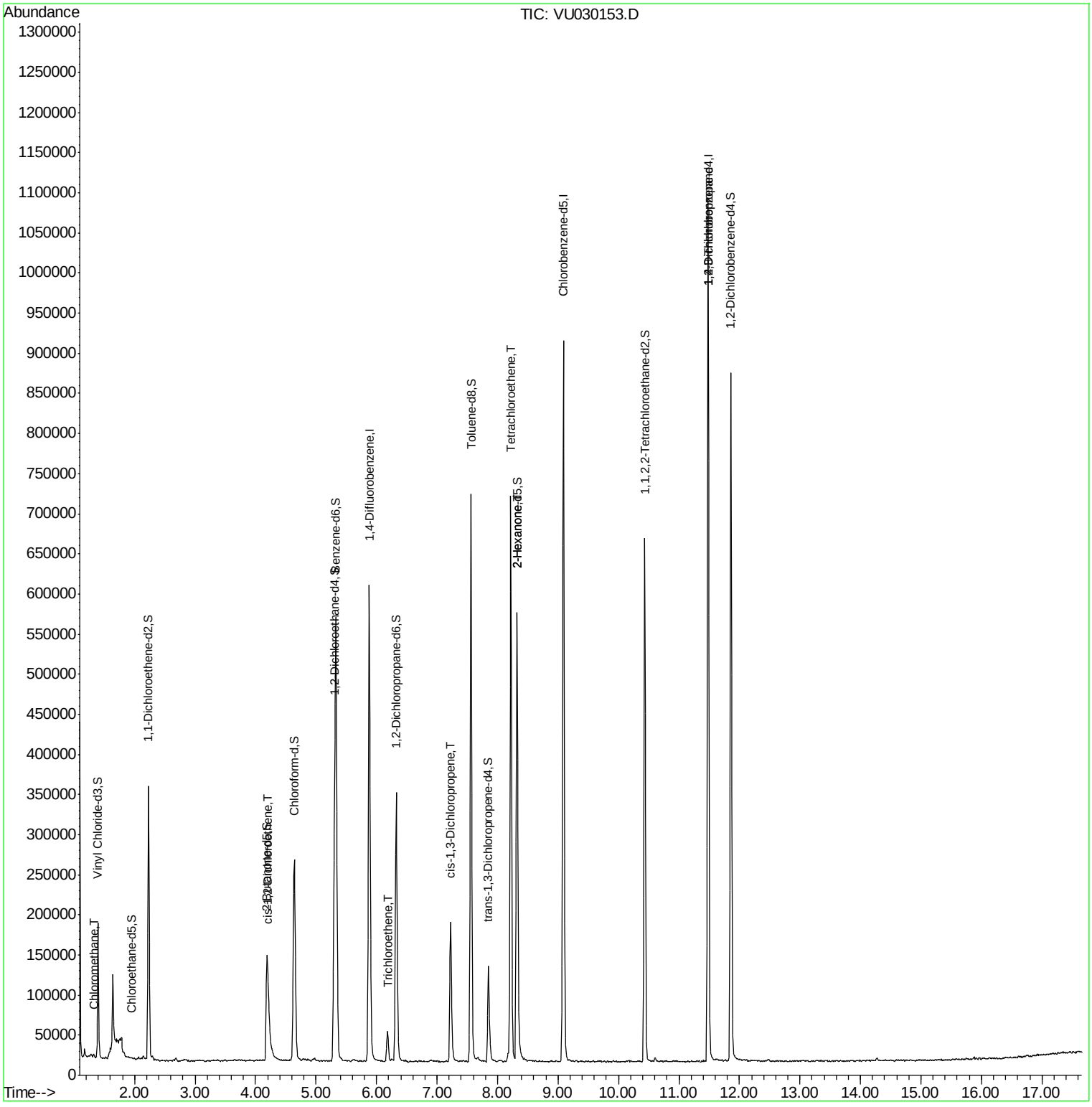
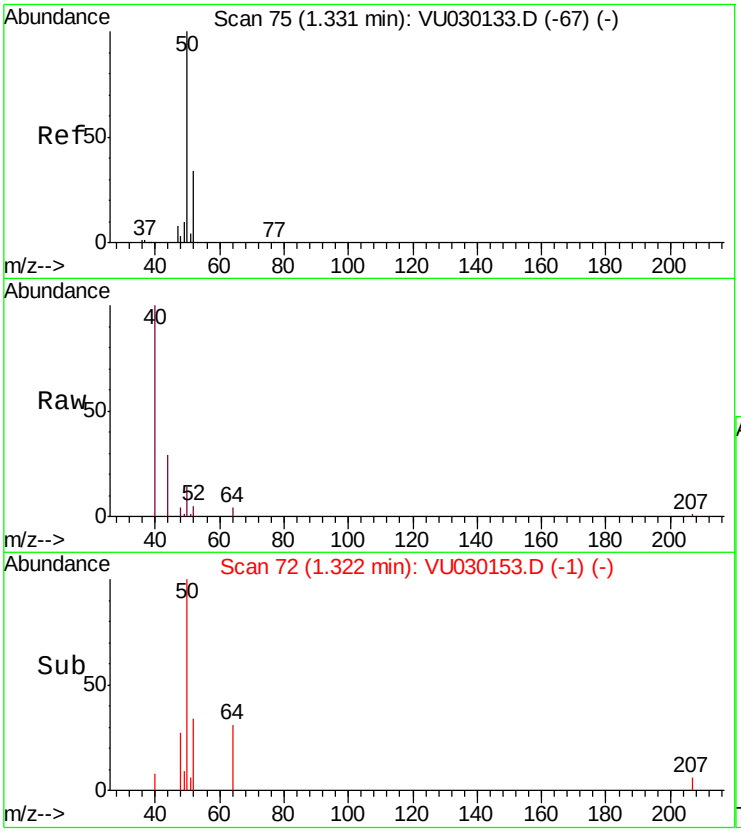
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration



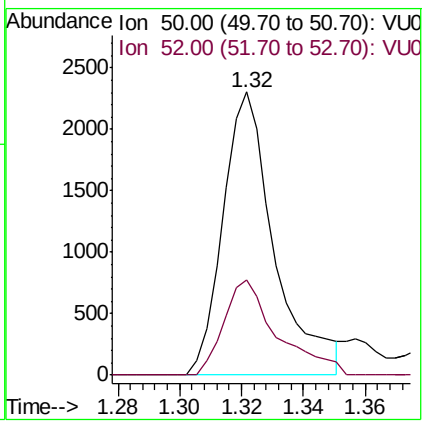


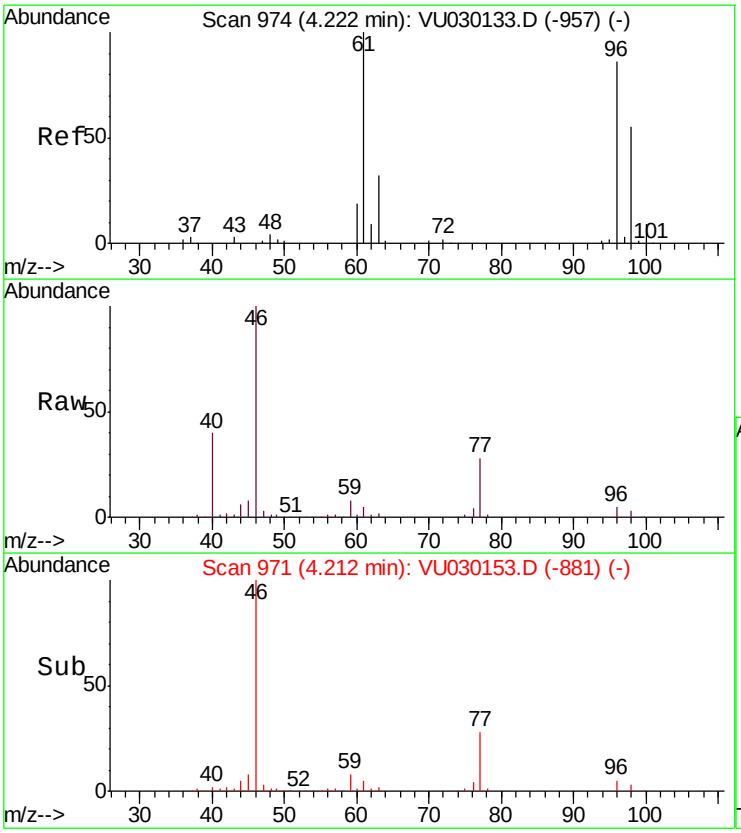
#3
Chloromethane
Concen: 0.672 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
BF0X2

Tgt Ion: 50 Resp: 2671

Ion	Ratio	Lower	Upper
50	100		
52	33.7	23.4	43.6

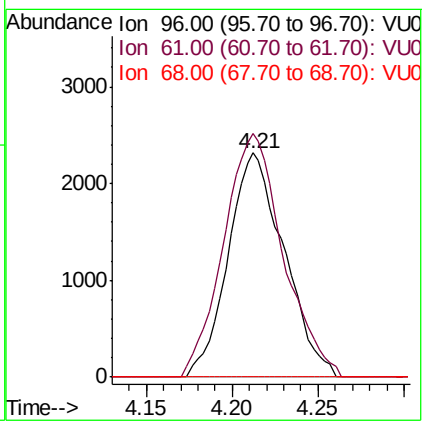


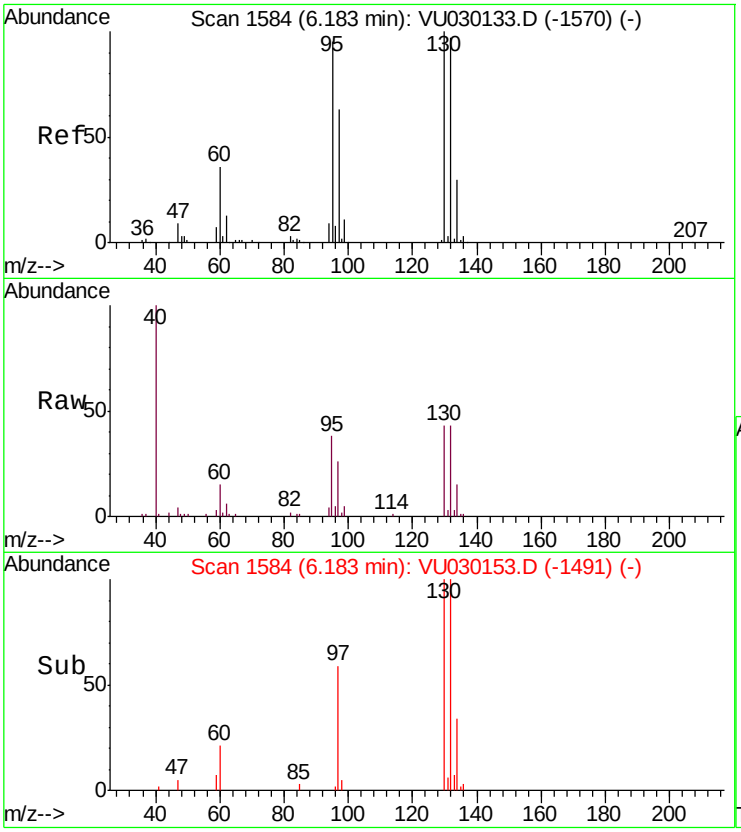


#20
cis-1,2-Dichloroethene
Concen: 1.181 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Tgt Ion: 96 Resp: 5236

Ion	Ratio	Lower	Upper
96	100		
61	108.6	80.8	150.2
68	0.0	0.0	0.0



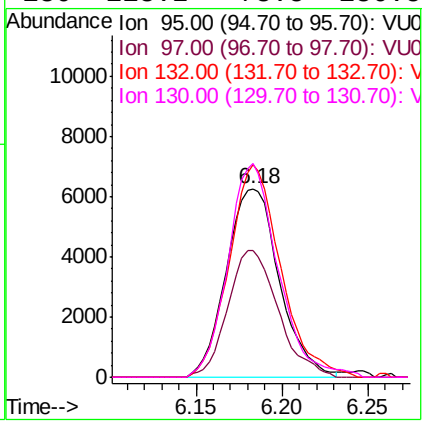


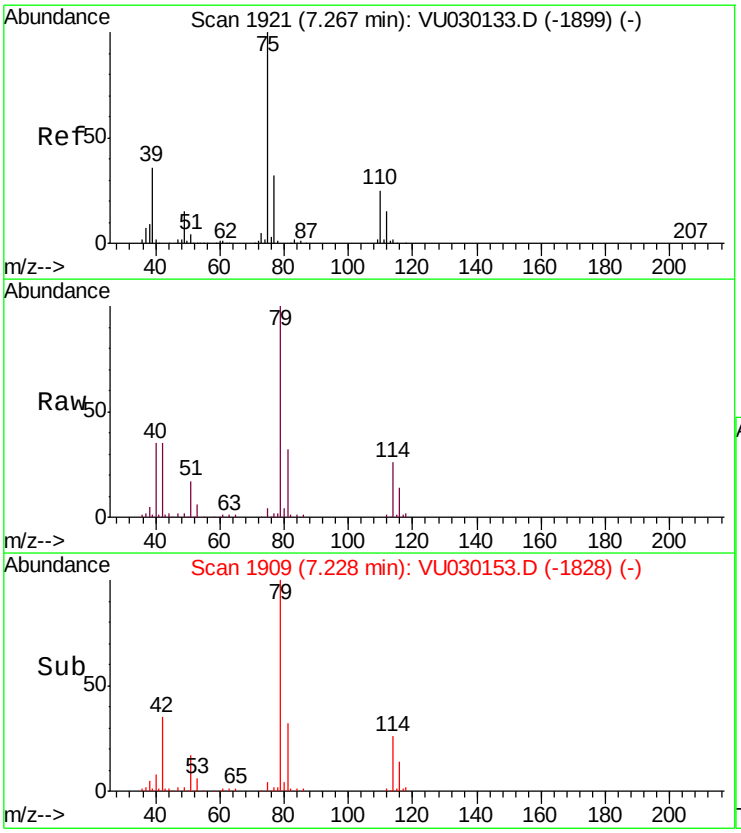
#34
Trichloroethene
Concen: 3.112 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
BF0X2

Tgt Ion: 95 Resp: 13477

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.5	84.5
132	112.9	71.5	132.7
130	113.2	73.5	136.5

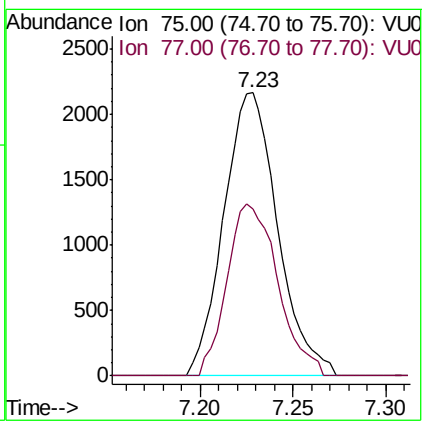


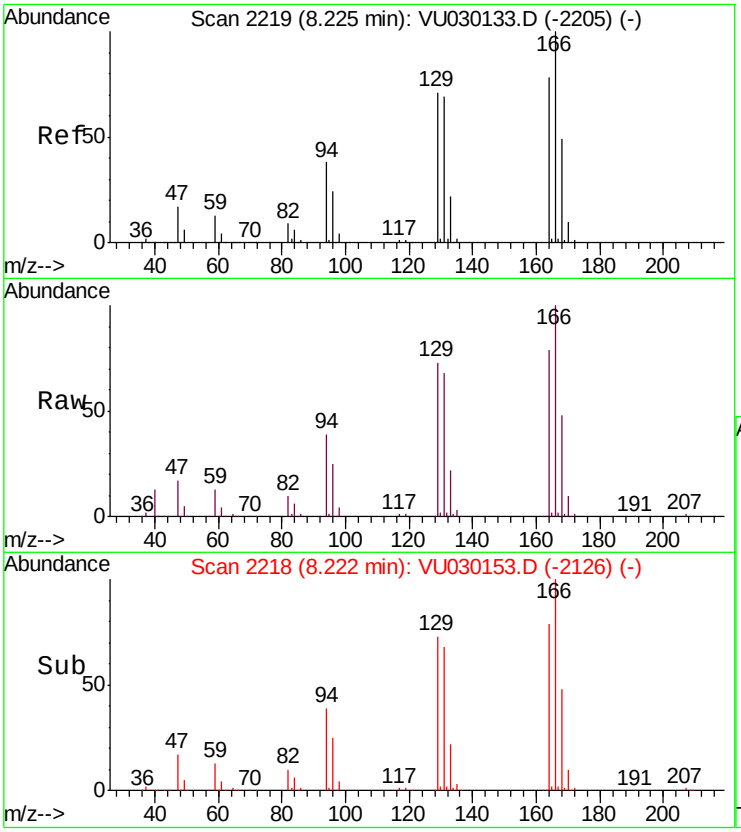


#39
cis-1,3-Dichloropropene
Concen: 0.647 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Tgt Ion: 75 Resp: 4373

Ion	Ratio	Lower	Upper
75	100		
77	58.8	22.2	41.2#



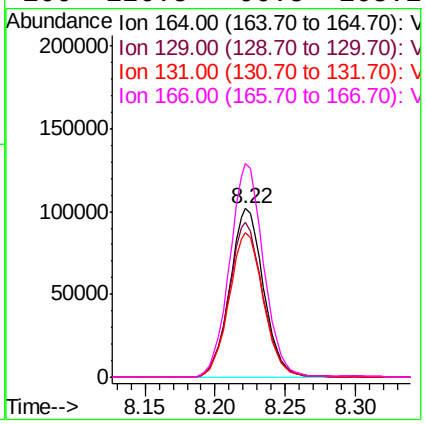


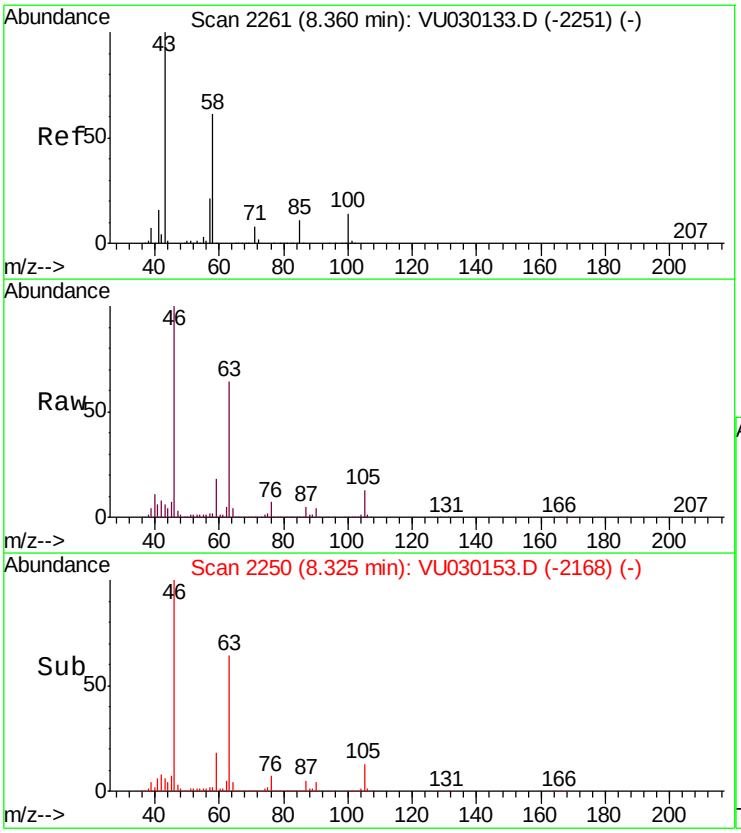
#46
Tetrachloroethene
Concen: 44.948 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Instrument : MSVOA_U
ClientSampleId : BF0X2

Tgt Ion:164 Resp: 170345

Ion	Ratio	Lower	Upper
164	100		
129	91.7	63.3	117.7
131	85.4	62.0	115.2
166	126.5	90.5	168.1

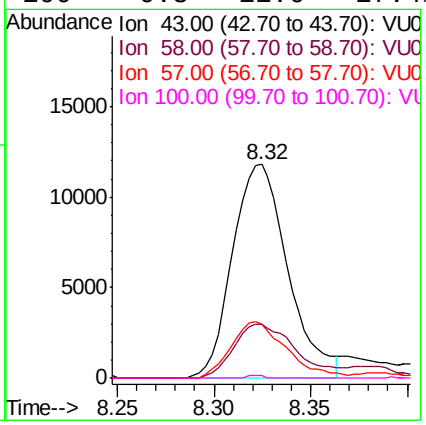


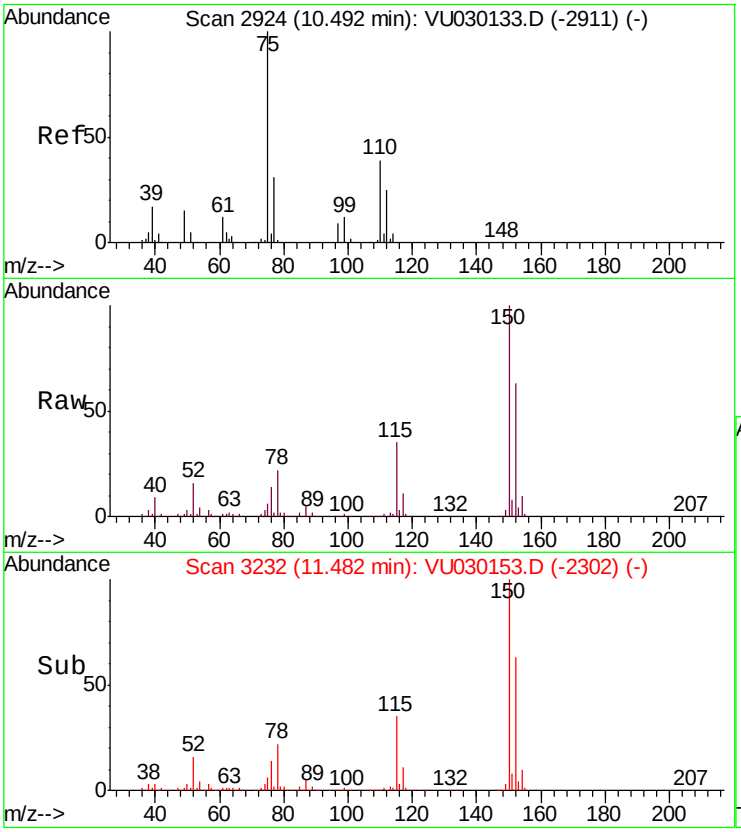


#48
2-Hexanone
Concen: 4.699 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Tgt Ion: 43 Resp: 23525

Ion	Ratio	Lower	Upper
43	100		
58	28.4	48.6	72.8#
57	26.2	16.1	24.1#
100	0.3	11.6	17.4#





#59
1,2,3-Trichloropropane
Concen: 5.516 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030153.D
Acq: 16 Mar 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
BF0X2

Tgt Ion: 75 Resp: 31221

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.8