Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010891.D
Acq On : 15 May 2019 09:12
Operator : SY/MD
Sample : K2846-01
Misc : 3.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB6

Quant Time: May 16 07:28:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	122516	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	108474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	42734	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32076	20.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.20%			
7) Chloroethane-d5	1.57	69	25231	24.80	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.20%			
10) 1,1-Dichloroethene-d2	2.13	63	45763	15.49	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.96%			
20) 2-Butanone-d5	3.93	46	14407	29.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.68%			
24) Chloroform-d	4.40	84	48785	13.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 55.16%			
26) 1,2-Dichloroethane-d4	5.08	65	32578	16.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 64.80%#			
29) Benzene-d6	5.09	84	128482	21.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.60%			
33) 1,2-Dichloropropane-d6	6.11	67	39716	20.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.92%			
37) Toluene-d8	7.36	98	111621	19.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.40%			
38) trans-1,3-Dichloropropene-	7.66	79	13124	15.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 62.84%			
39) 2-Hexanone-d5	8.13	63	9734	26.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.64%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	26208	14.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 59.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	32087	17.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 71.92%#			
Target Compounds						Qvalue
6) Bromomethane	1.52	94	365	0.897	ug/L	89
8) Chloroethane	1.53	64	1347	1.486	ug/L #	42
13) Acetone	2.19	43	2680	5.358	ug/L	100
14) Carbon disulfide	2.31	76	2420	0.569	ug/L #	87
25) Chloroform	4.42	83	14384	4.072	ug/L	93
35) Trichloroethene	5.66	95	3627	2.213	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	4093	2.377	ug/L #	88

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

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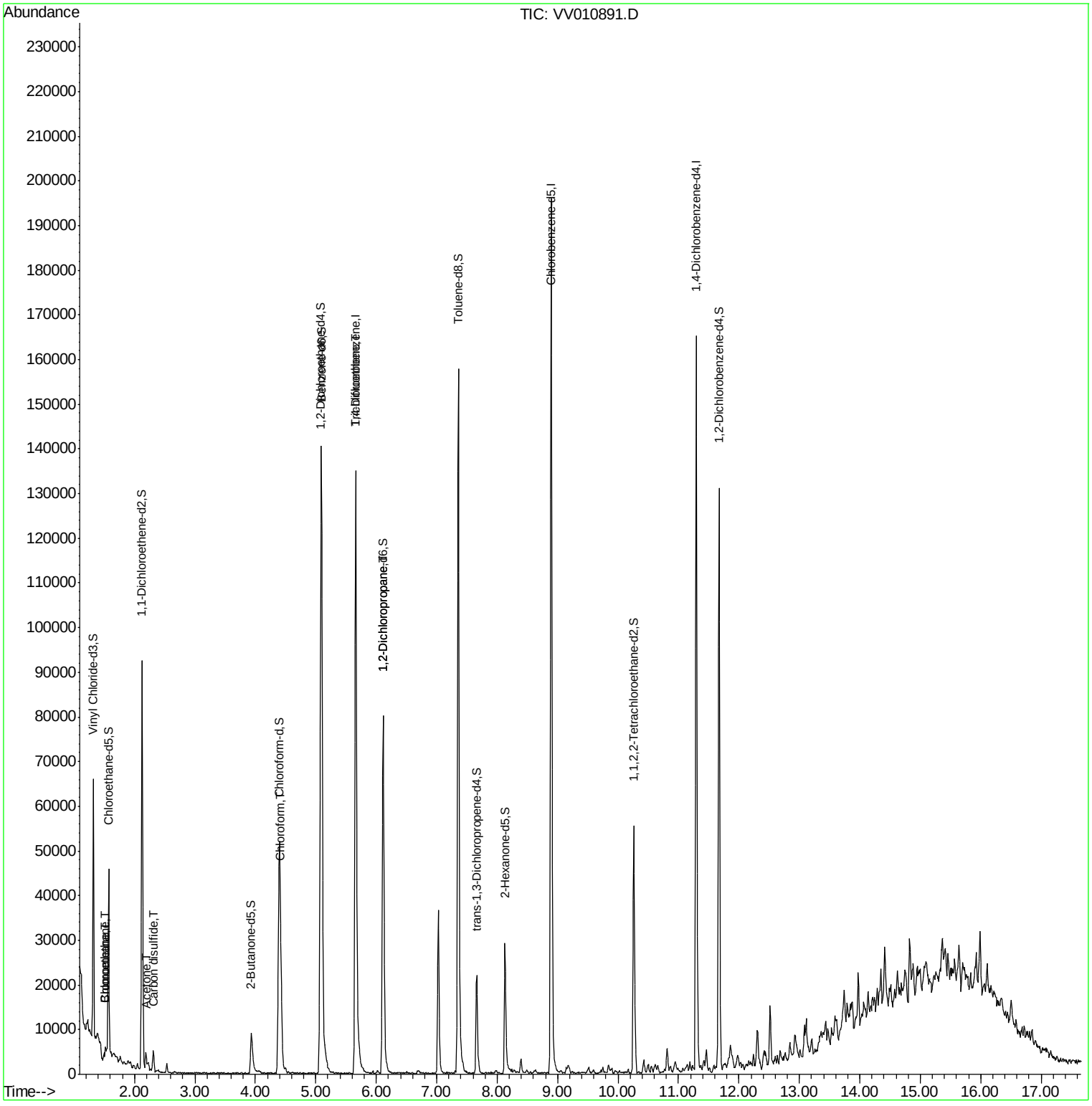
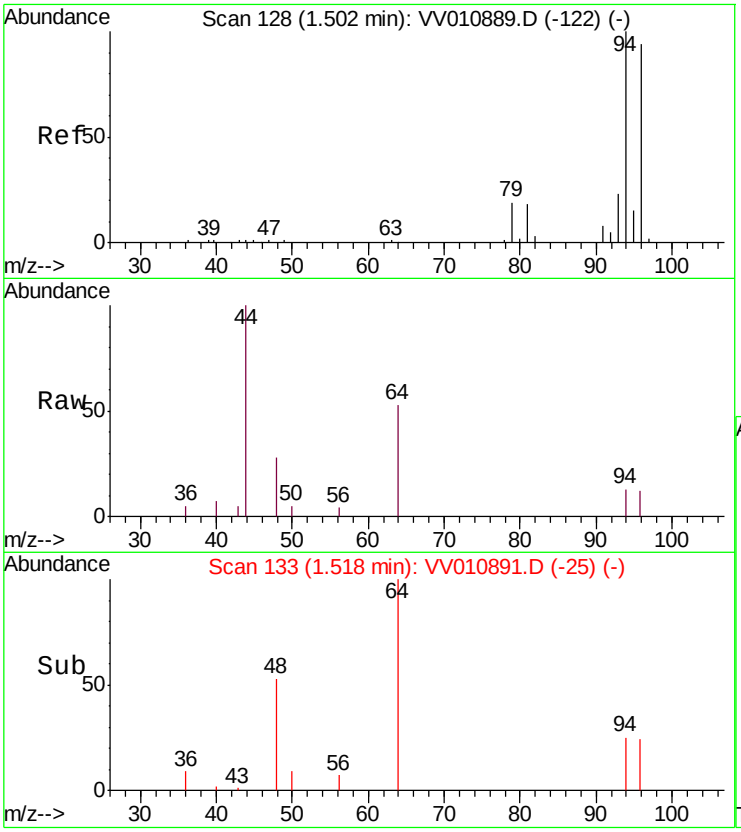
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration



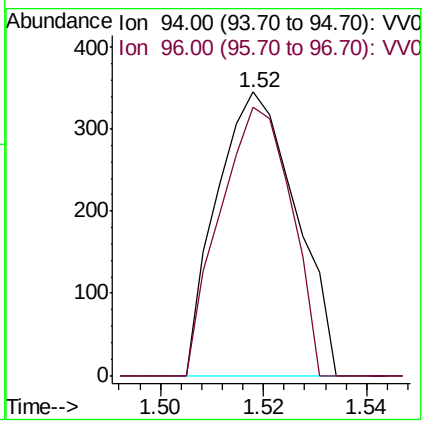


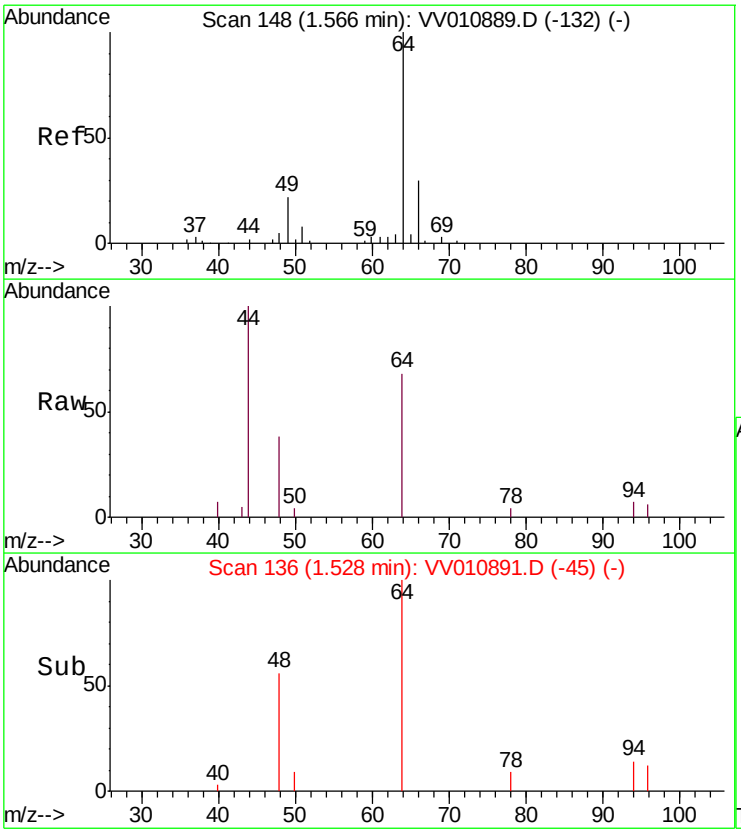
#6
Bromomethane
Concen: 0.897 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.02 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Instrument :
MSVOA_V
ClientSampleId :
BFHB6

Tgt Ion: 94 Resp: 365

Ion	Ratio	Lower	Upper
94	100		
96	85.2	9.6	181.6

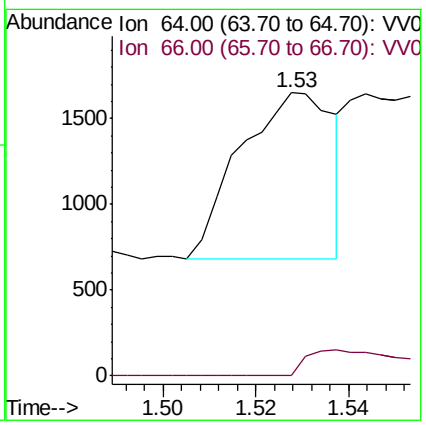


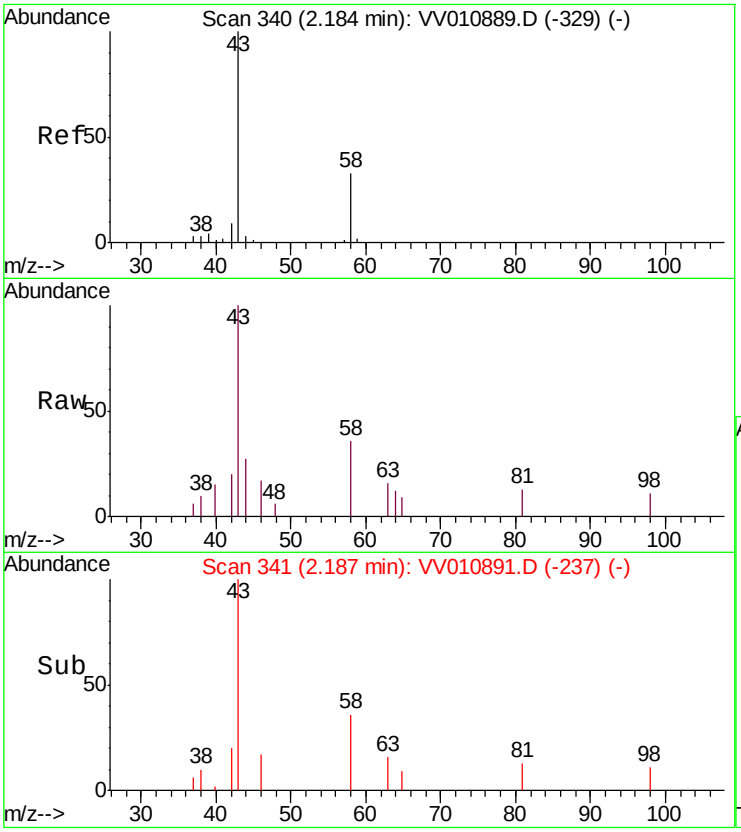


#8
Chloroethane
Concen: 1.486 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.04 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Tgt Ion: 64 Resp: 1347

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#



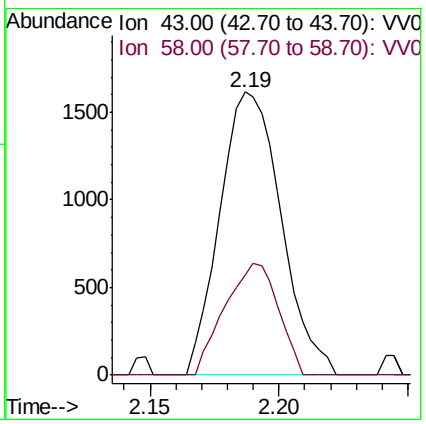


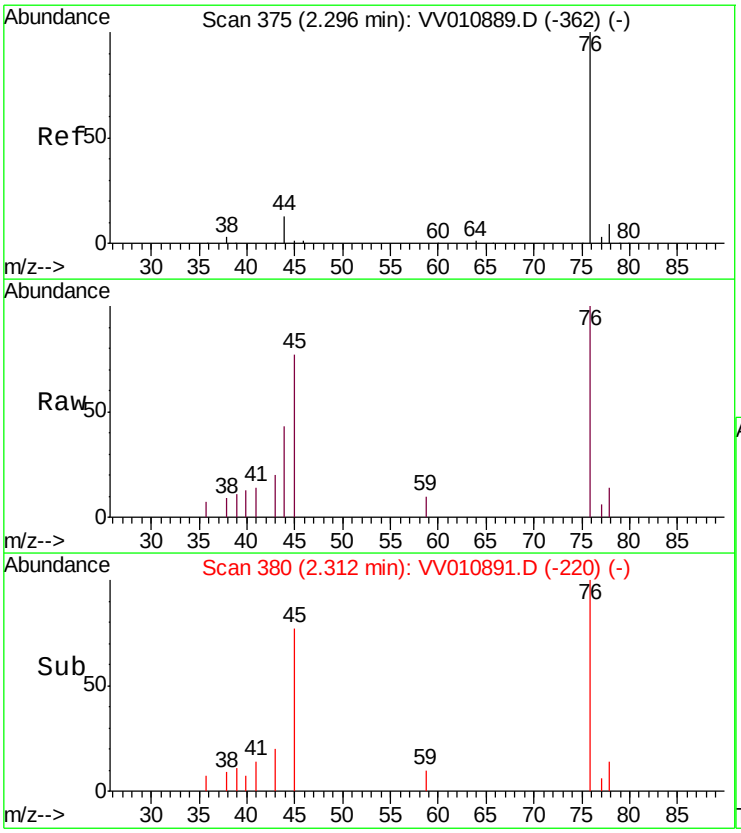
#13
Acetone
Concen: 5.358 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Instrument :
MSVOA_V
ClientSampleId :
BFHB6

Tgt Ion: 43 Resp: 2680

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	69.2

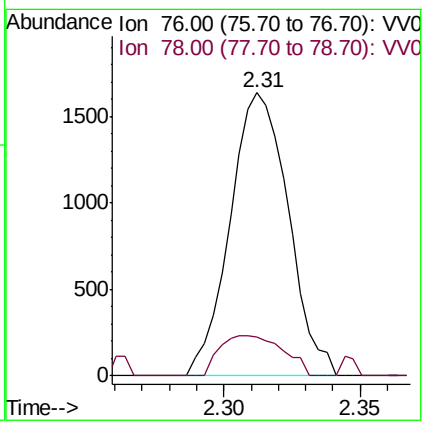


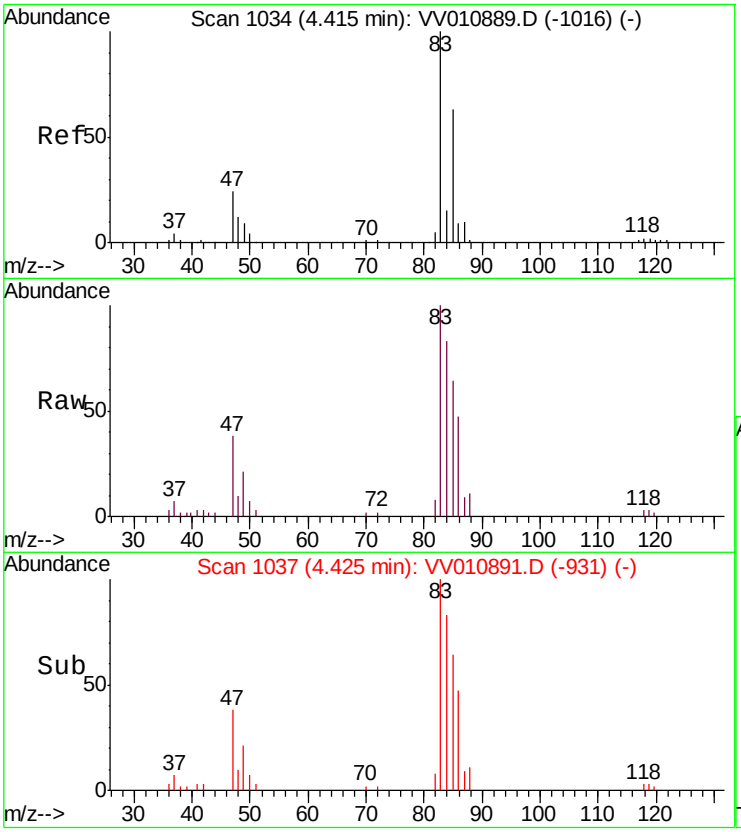


#14
Carbon disulfide
Concen: 0.569 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.02 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Tgt Ion: 76 Resp: 2420

Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.2	10.8#



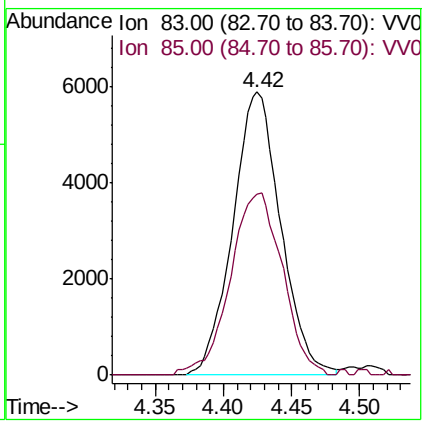


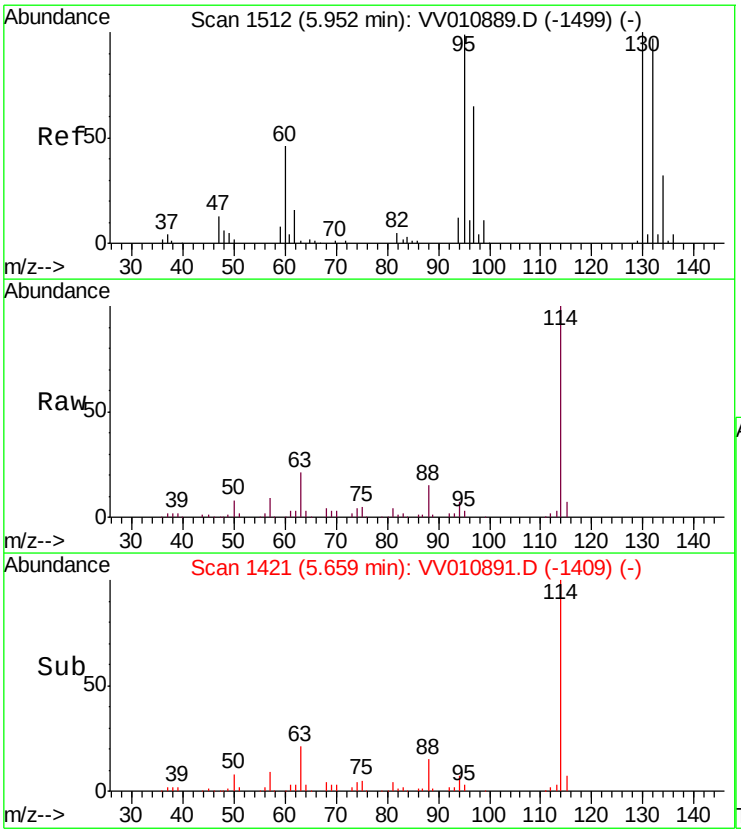
#25
Chloroform
Concen: 4.072 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Instrument :
MSVOA_V
ClientSampleId :
BFHB6

Tgt Ion: 83 Resp: 14384

Ion	Ratio	Lower	Upper
83	100		
85	70.0	45.3	84.1

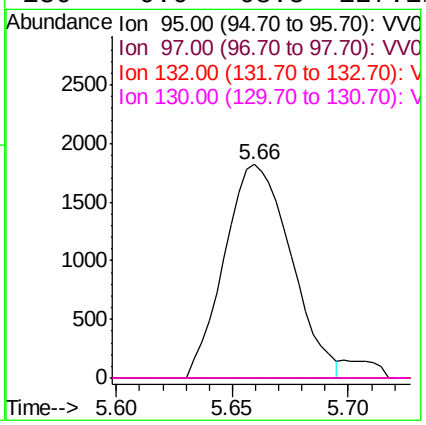


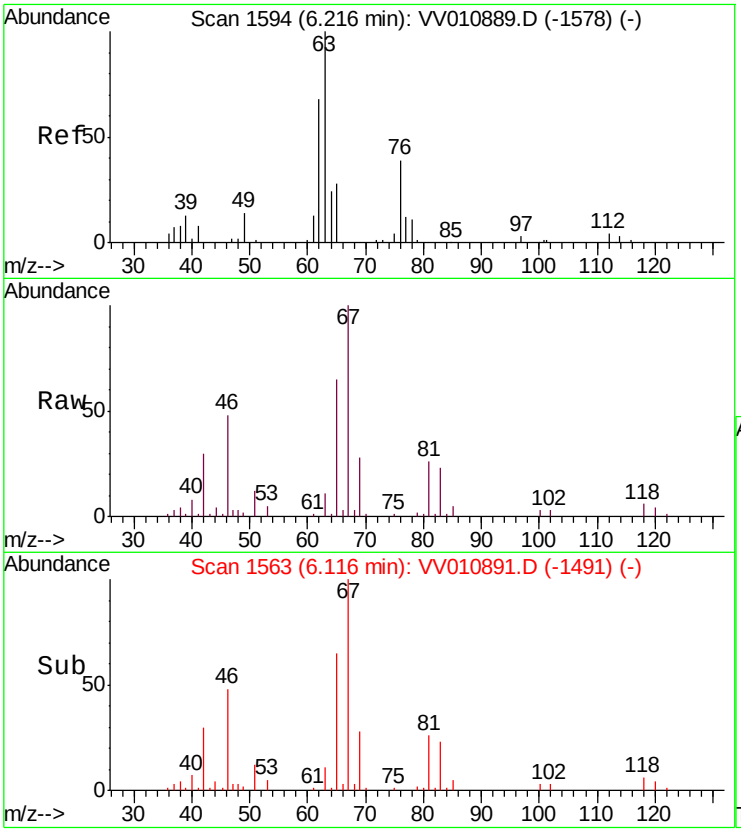


#35
Trichloroethene
Concen: 2.213 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.29 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Tgt Ion: 95 Resp: 3627

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	67.4	125.2#
130	0.0	68.5	127.1#





#40
1,2-Dichloropropane
Concen: 2.377 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010891.D
Acq: 15 May 2019 09:12

Instrument :
MSVOA_V
ClientSampleId :
BFHB6

Tgt Ion: 63 Resp: 4093

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#