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

Quantitation Report (Not Reviewed)

Data File : VV010893.D
Acq On : 15 May 2019 11:02
Operator : SY/MD
Sample : K2604-17
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: May 16 07:28:40 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	139641	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	137469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59754	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46065	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.56%			
7) Chloroethane-d5	1.57	69	31848	27.47	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.88%			
10) 1,1-Dichloroethene-d2	2.12	63	69400	20.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.44%			
20) 2-Butanone-d5	3.93	46	25736	45.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.96%			
24) Chloroform-d	4.40	84	86948	21.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.28%			
26) 1,2-Dichloroethane-d4	5.08	65	52964	23.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%			
29) Benzene-d6	5.09	84	195270	25.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.64%			
33) 1,2-Dichloropropane-d6	6.12	67	59054	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.32%			
37) Toluene-d8	7.36	98	174537	23.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.48%			
38) trans-1,3-Dichloropropene-	7.66	79	23005	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.88%			
39) 2-Hexanone-d5	8.13	63	16954	36.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.72%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47928	21.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	60585	24.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.08%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	740	1.596	ug/L	87
8) Chloroethane	1.32	64	1417	1.372	ug/L	100
13) Acetone	2.19	43	834	1.463	ug/L	93
25) Chloroform	4.43	83	5378	1.336	ug/L	79
35) Trichloroethene	5.66	95	3972	1.913	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6518	2.987	ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	7536	4.481	ug/L #	85

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

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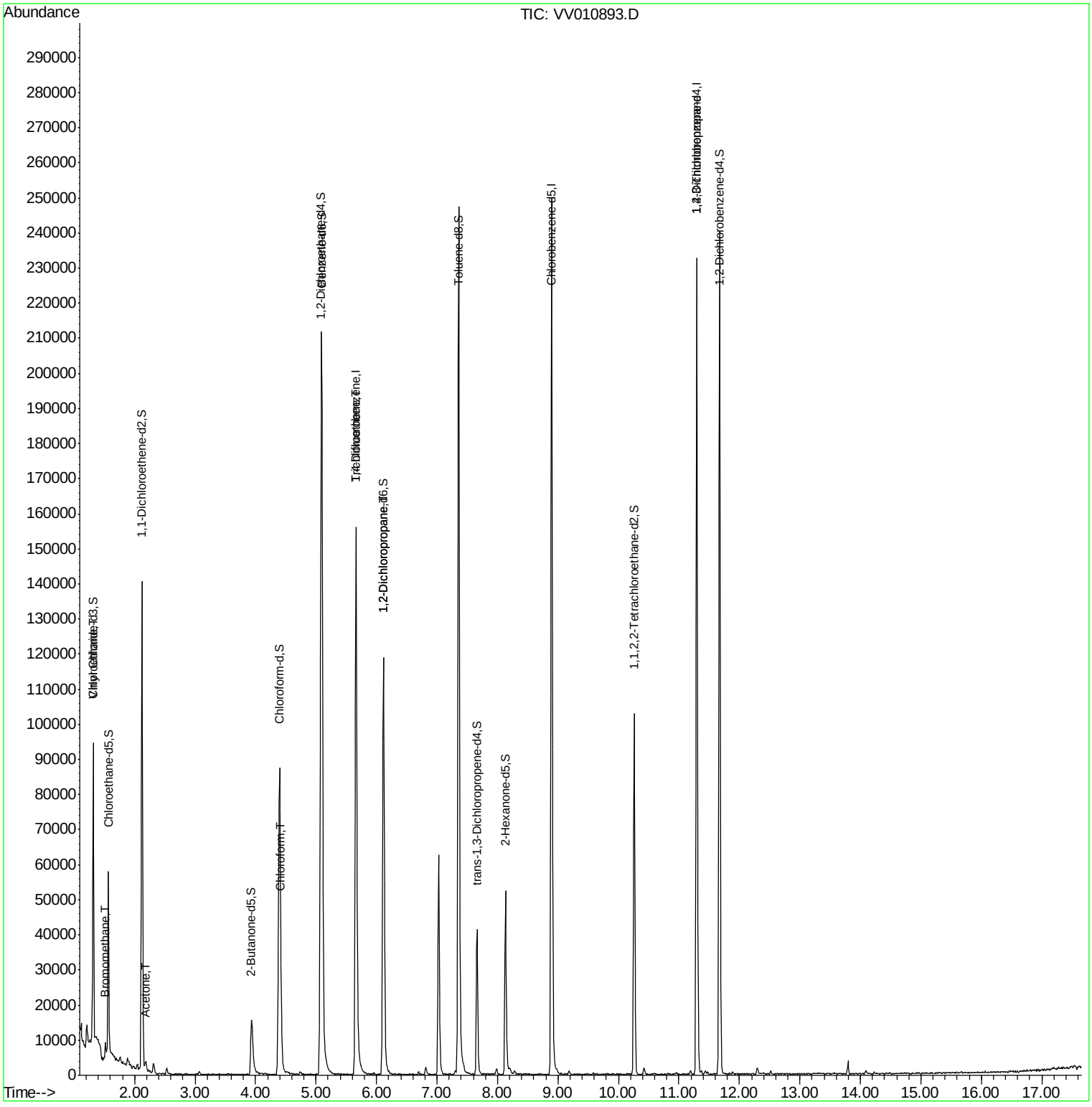
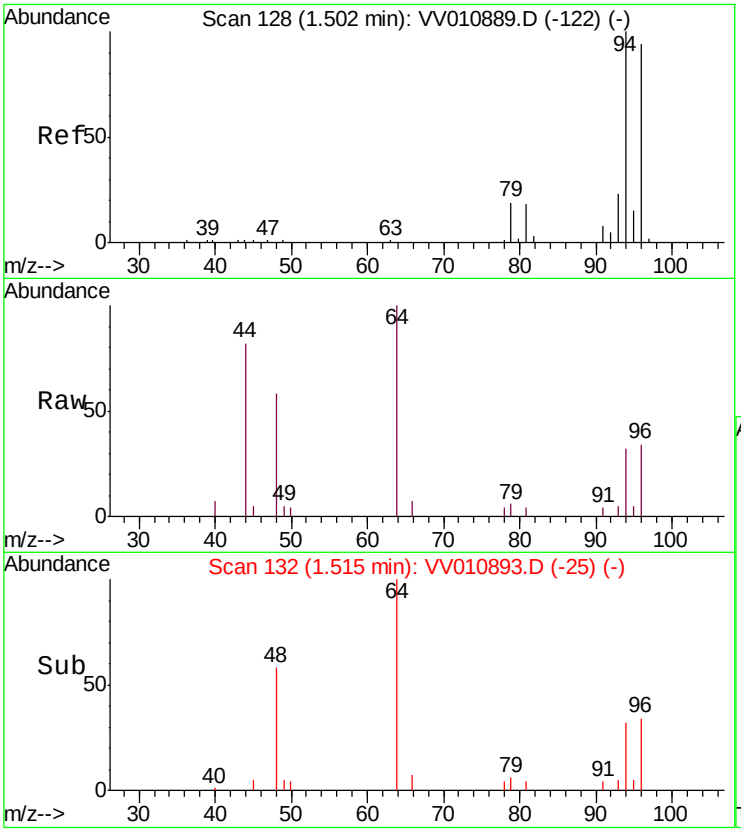
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration



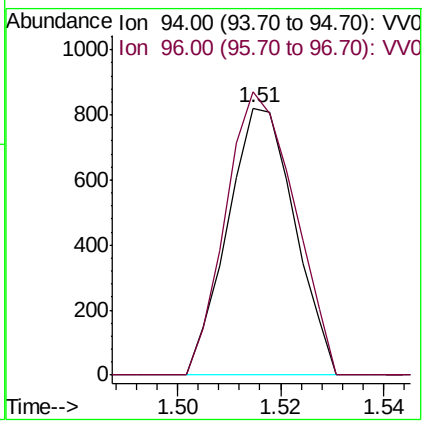


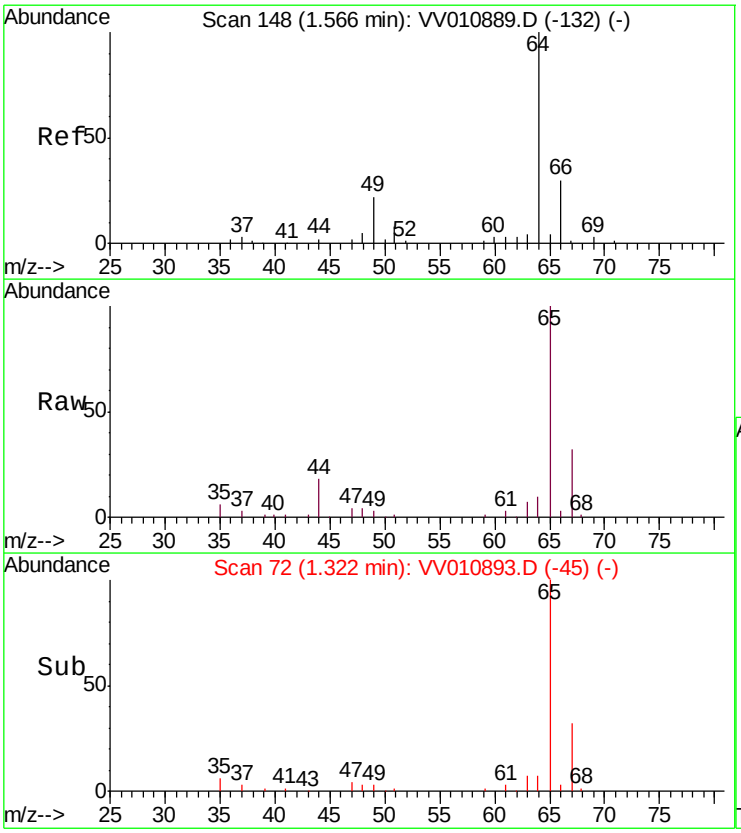
#6
Bromomethane
Concen: 1.596 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.01 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 94 Resp: 740

Ion	Ratio	Lower	Upper
94	100		
96	108.6	9.6	181.6

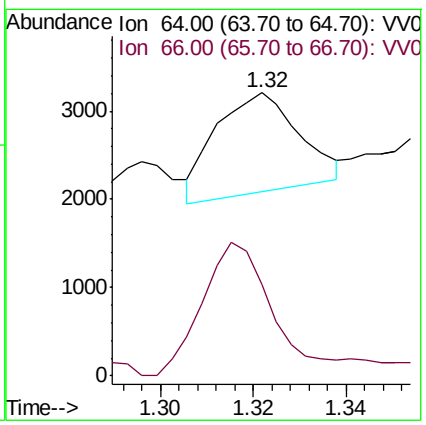


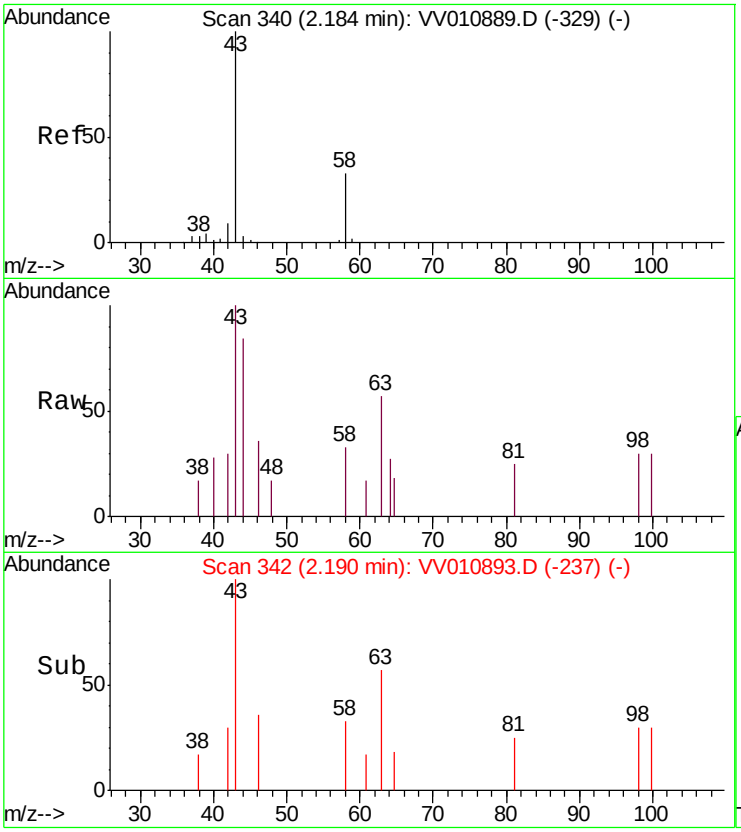


#8
Chloroethane
Concen: 1.372 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.24 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Tgt Ion: 64 Resp: 1417

Ion	Ratio	Lower	Upper
64	100		
66	32.3	22.5	41.9



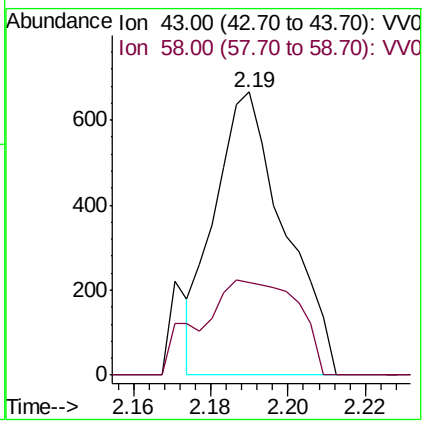


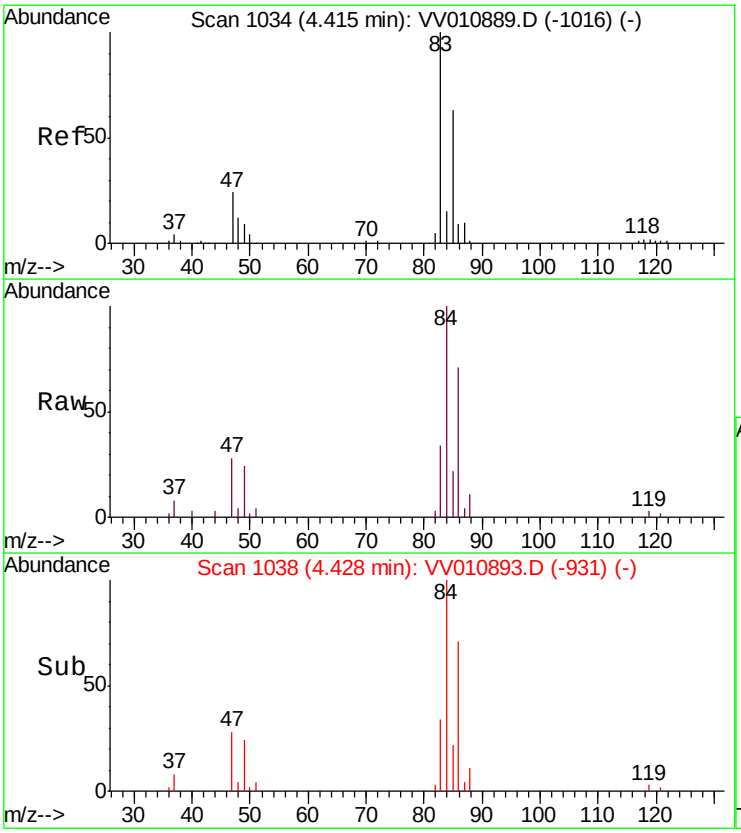
#13
Acetone
Concen: 1.463 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 834

Ion	Ratio	Lower	Upper
43	100		
58	38.7	0.0	69.2

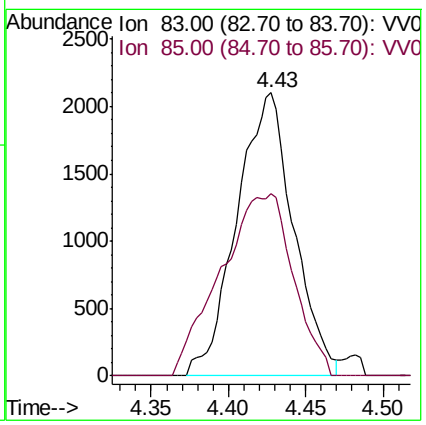


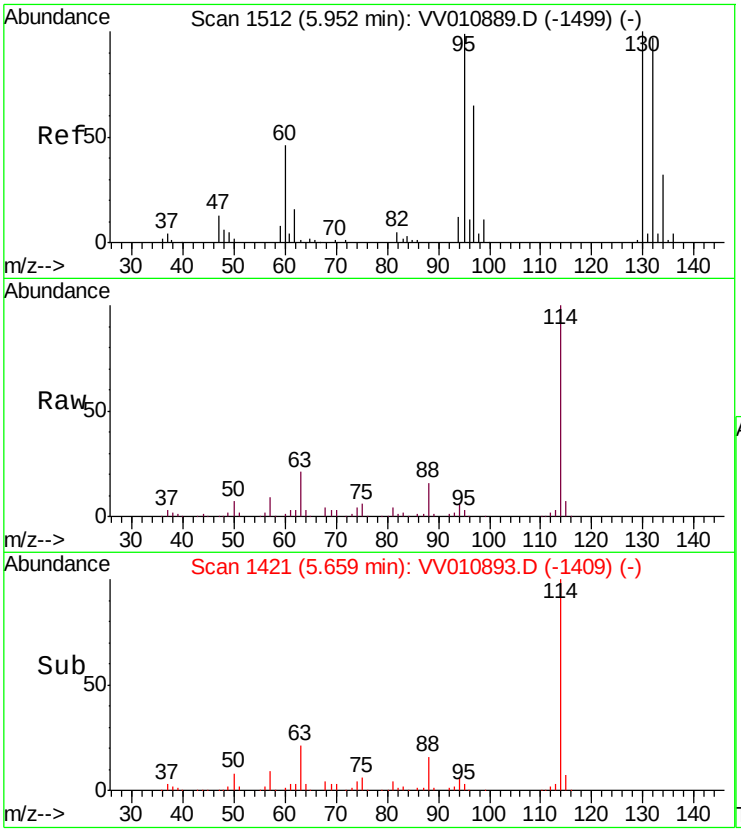


#25
Chloroform
Concen: 1.336 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Tgt Ion: 83 Resp: 5378

Ion	Ratio	Lower	Upper
83	100		
85	48.4	45.3	84.1



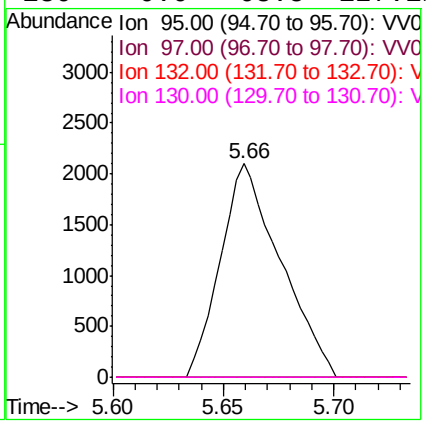


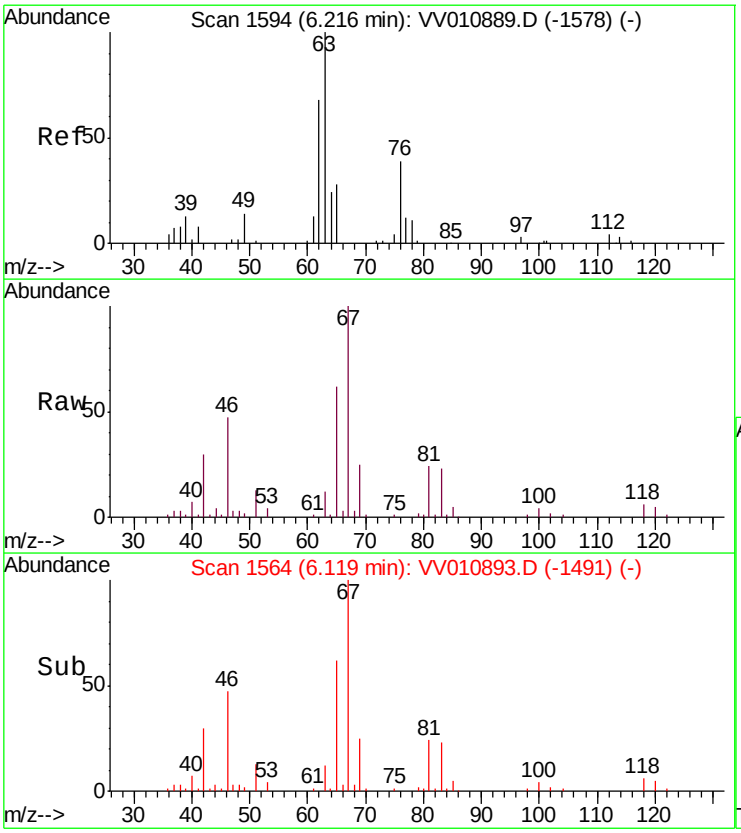
#35
Trichloroethene
Concen: 1.913 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.29 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 95 Resp: 3972

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#

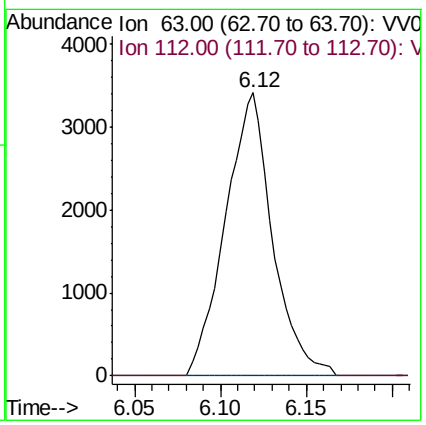


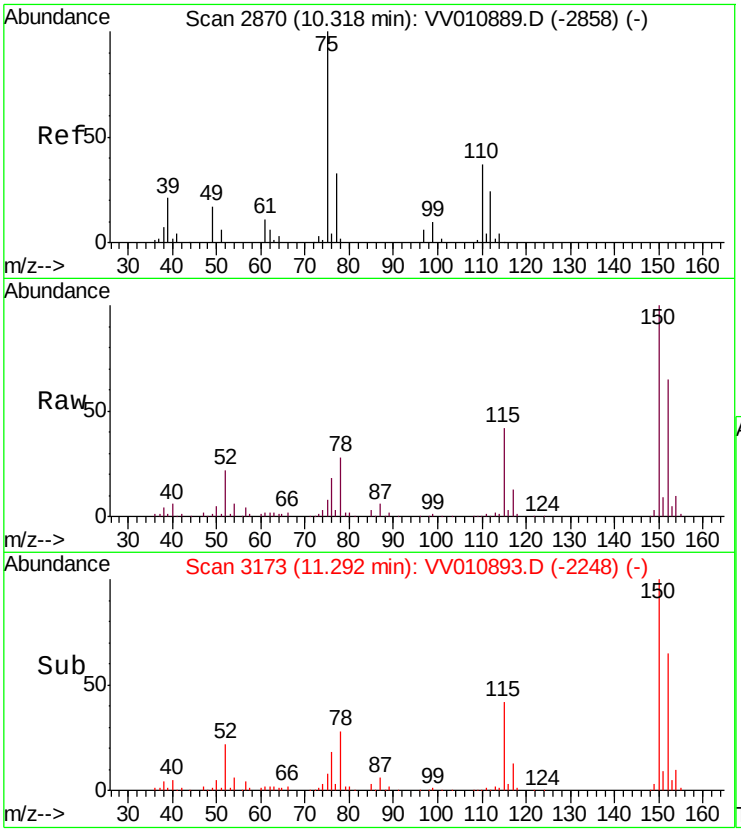


#40
1,2-Dichloropropane
Concen: 2.987 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Tgt Ion: 63 Resp: 6518

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 4.481 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010893.D
Acq: 15 May 2019 11:02

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 7536

Ion	Ratio	Lower	Upper
75	100		
77	41.3	26.4	39.6#