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

Quantitation Report (Not Reviewed)

Data File : VV010864.D
Acq On : 14 May 2019 16:06
Operator : SY/MD
Sample : K2737-16
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB864

Quant Time: May 15 06:56:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	69184	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32790	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	13471	15.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.12%			
7) Chloroethane-d5	1.57	69	12847	22.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.44%			
10) 1,1-Dichloroethene-d2	2.12	63	20634	12.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.48%			
20) 2-Butanone-d5	3.94	46	13644	49.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.40%			
24) Chloroform-d	4.40	84	49608	24.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.36%			
26) 1,2-Dichloroethane-d4	5.08	65	33352	29.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.48%			
29) Benzene-d6	5.10	84	91517	20.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.52%			
33) 1,2-Dichloropropane-d6	6.12	67	33795	23.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.32%			
37) Toluene-d8	7.36	98	78581	18.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.84%			
38) trans-1,3-Dichloropropene-	7.66	79	11676	18.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.72%			
39) 2-Hexanone-d5	8.13	63	9261	34.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.22%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32357	24.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.40%			
61) 1,2-Dichlorobenzene-d4	11.67	152	33115	24.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.72%			

Target Compounds						Qvalue
6) Bromomethane	1.52	94	618	2.690	ug/L	50
8) Chloroethane	1.53	64	2649	5.175	ug/L #	42
13) Acetone	2.19	43	2907	10.292	ug/L	66
15) Methyl Acetate	2.45	43	577	0.981	ug/L	91
16) Methylene chloride	2.53	84	4396	3.937	ug/L	94
21) 2-Butanone	3.99	43	1381	3.788	ug/L #	47
35) Trichloroethene	5.66	95	2127	1.735	ug/L #	5
59) 1,2,3-Trichloropropane	11.29	75	4223	4.254	ug/L	97

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

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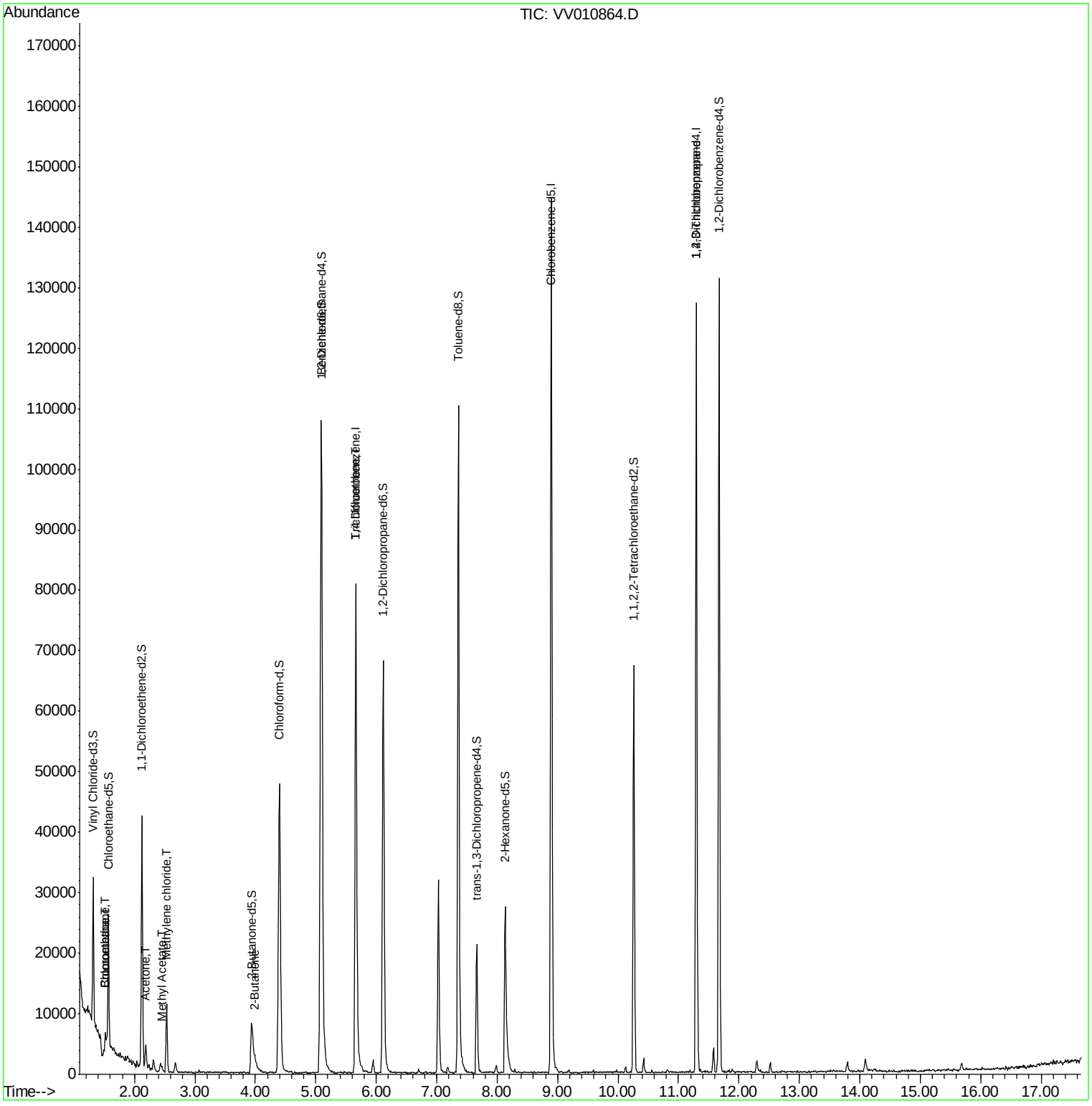
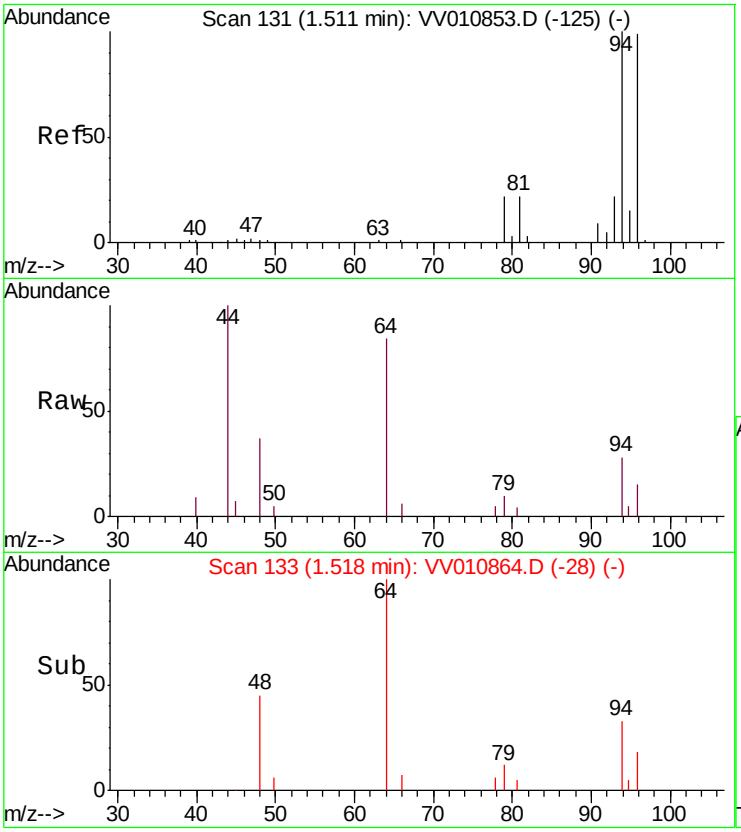
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration



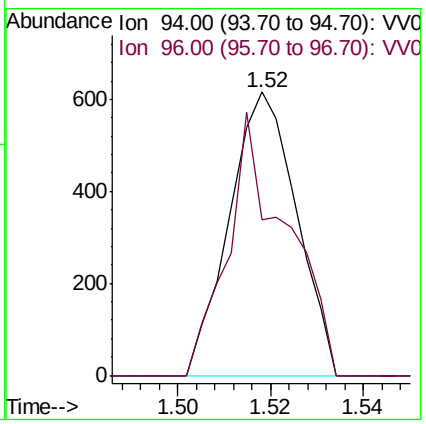


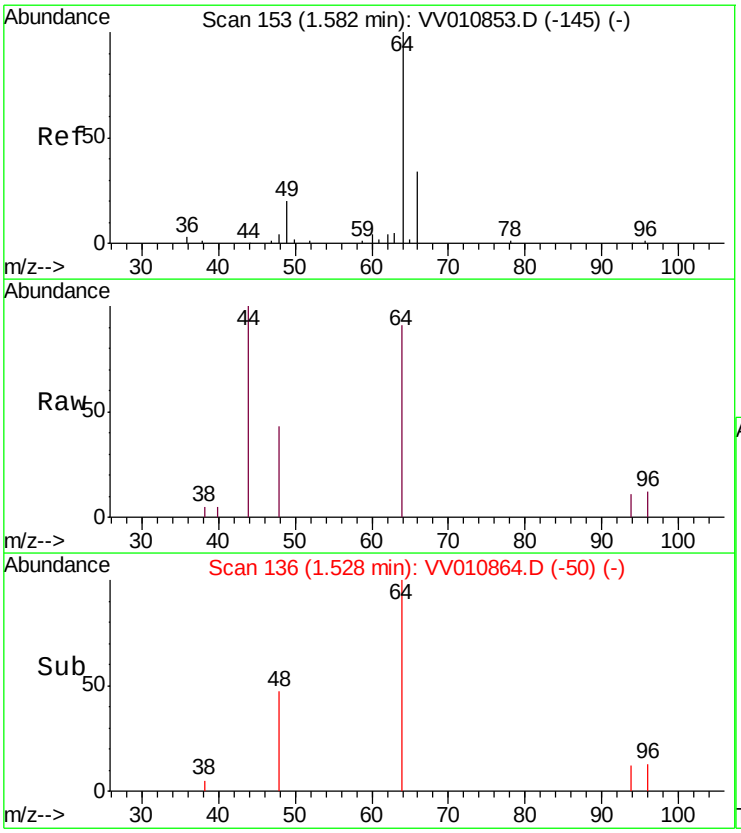
#6
Bromomethane
Concen: 2.690 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Instrument :
MSVOA_V
ClientSampleId :
DB864

Tgt Ion: 94 Resp: 618

Ion	Ratio	Lower	Upper
94	100		
96	46.4	9.6	181.6

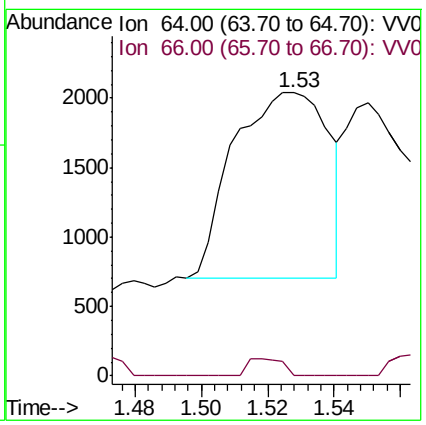


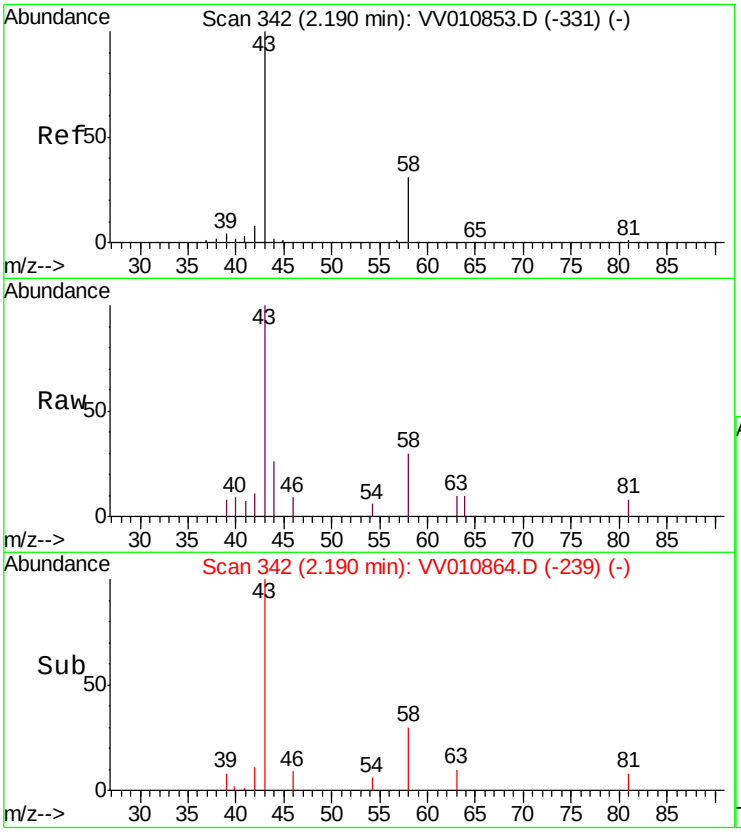


#8
Chloroethane
Concen: 5.175 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.05 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Tgt Ion: 64 Resp: 2649

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#



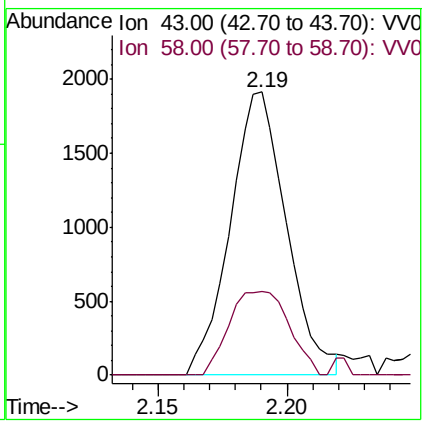


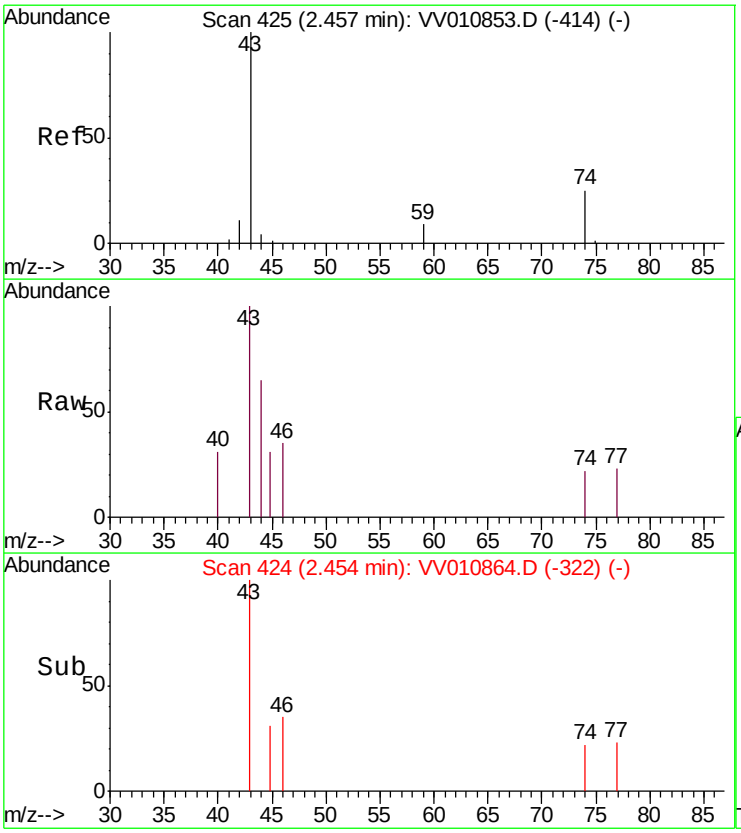
#13
Acetone
Concen: 10.292 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Instrument :
MSVOA_V
ClientSampleId :
DB864

Tgt Ion: 43 Resp: 2907

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	69.2

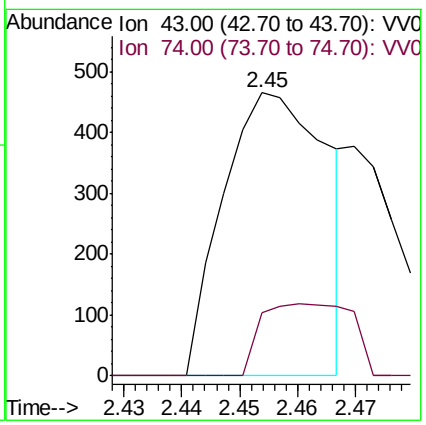


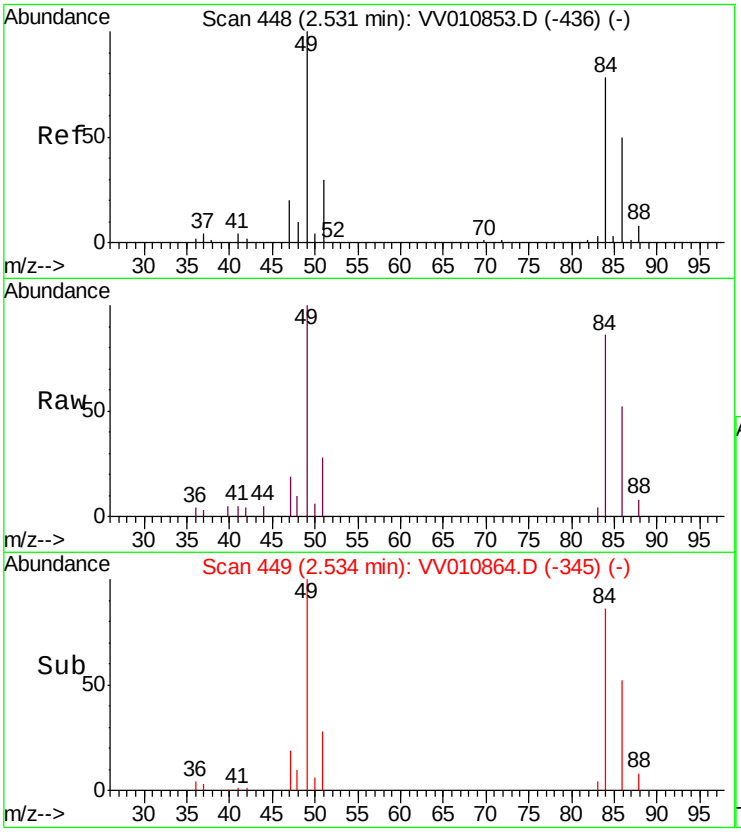


#15
Methyl Acetate
Concen: 0.981 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Tgt Ion: 43 Resp: 577

Ion	Ratio	Lower	Upper
43	100		
74	18.9	18.6	27.8



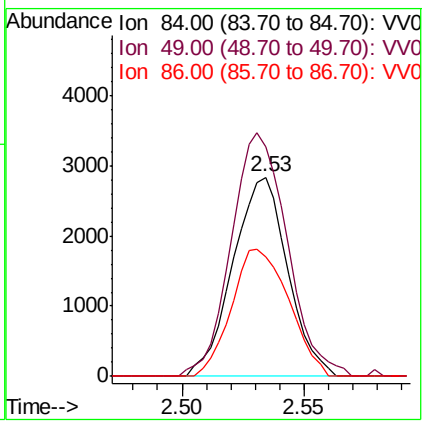


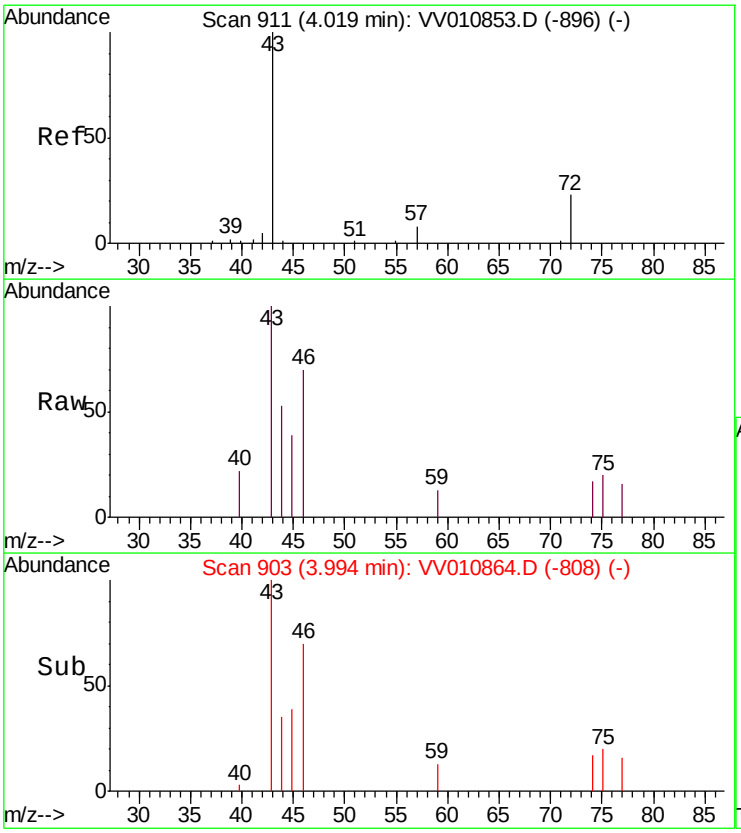
#16
Methylene chloride
Concen: 3.937 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Instrument :
MSVOA_V
ClientSampleId :
DB864

Tgt Ion: 84 Resp: 4396

Ion	Ratio	Lower	Upper
84	100		
49	115.7	85.8	159.3
86	59.8	45.0	83.6

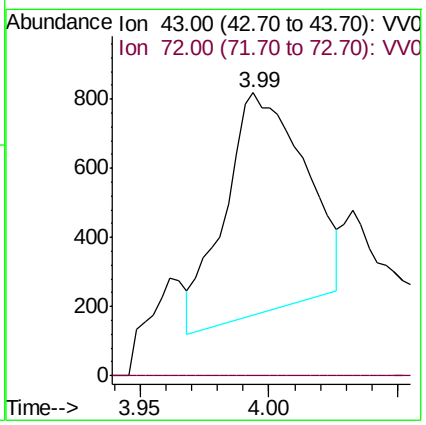


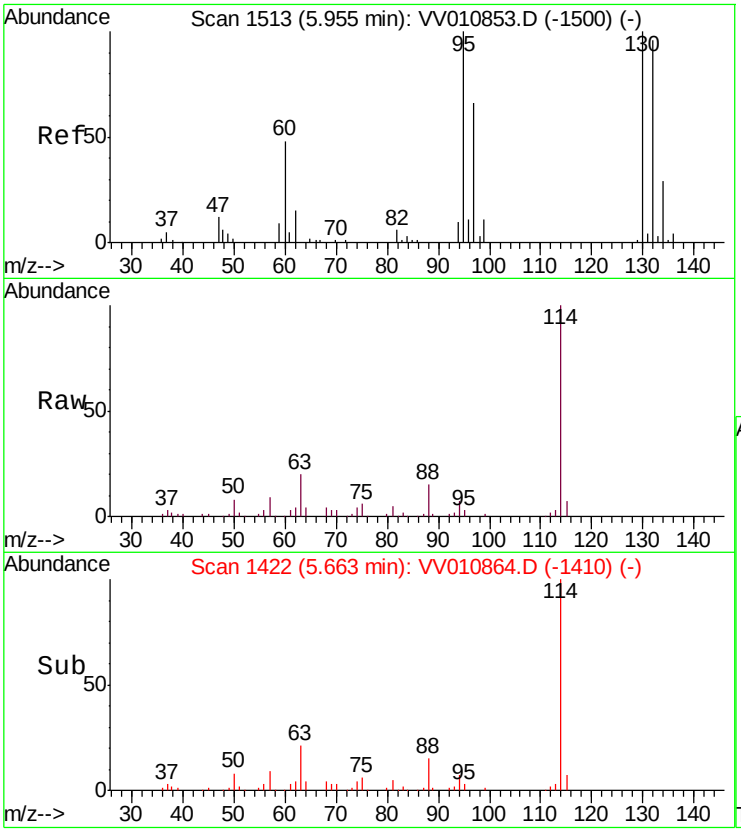


#21
2-Butanone
Concen: 3.788 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.03 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Tgt Ion: 43 Resp: 1381

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#



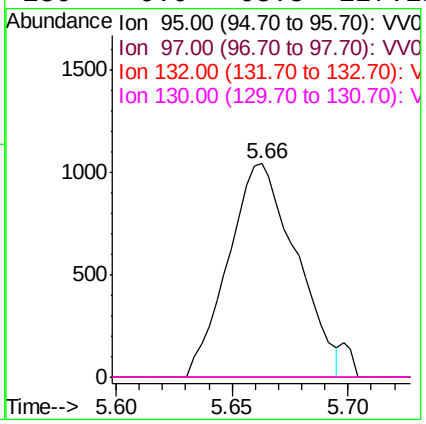


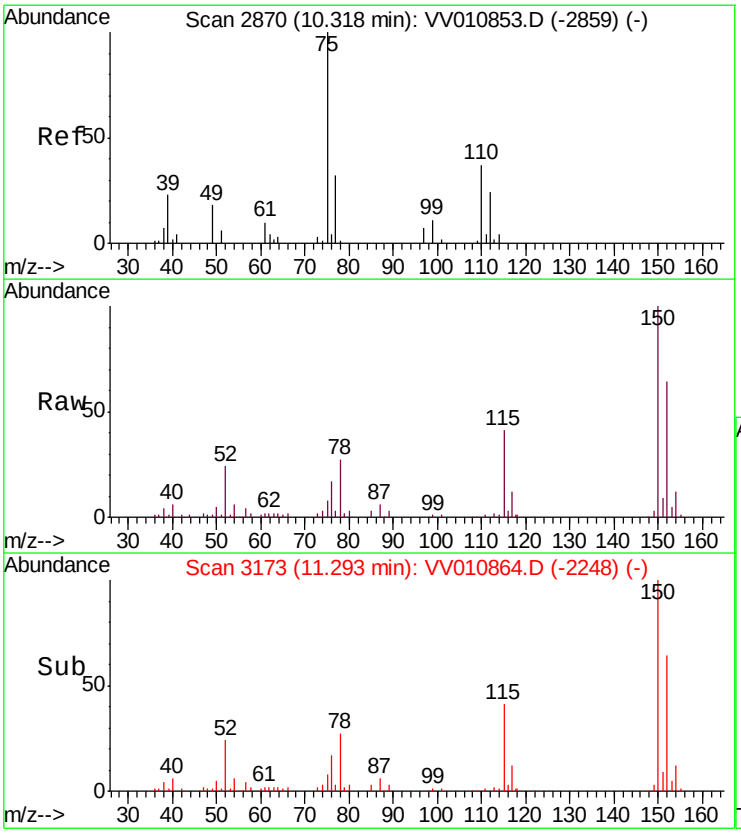
#35
Trichloroethene
Concen: 1.735 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Instrument :
MSVOA_V
ClientSampleId :
DB864

Tgt Ion: 95 Resp: 2127

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#





#59
1,2,3-Trichloropropane
Concen: 4.254 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010864.D
Acq: 14 May 2019 16:06

Tgt Ion: 75 Resp: 4223

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.4	39.6