Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
Data File : VW005770.D
Acq On : 02 Oct 2018 12:28
Operator : SY/AP
Sample : J5181-13
Misc : 4.37G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 03 05:10:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	22947	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	21988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	9722	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	5096	17.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.68%			
7) Chloroethane-d5	2.89	69	4865	21.32	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.28%			
10) 1,1-Dichloroethene-d2	4.03	63	9277	14.52	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.08%			
20) 2-Butanone-d5	7.09	46	5765	61.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.78%			
24) Chloroform-d	7.65	84	14922	25.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.24%			
26) 1,2-Dichloroethane-d4	8.31	65	9390	26.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.20%			
29) Benzene-d6	8.28	84	24385	22.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.60%			
33) 1,2-Dichloropropane-d6	9.28	67	7671	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.52%			
37) Toluene-d8	10.33	98	19849	18.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.88%			
38) trans-1,3-Dichloropropene-	10.58	79	3724	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.16%			
39) 2-Hexanone-d5	10.93	63	3467	47.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.12%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	8849	28.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.80%			
61) 1,2-Dichlorobenzene-d4	13.87	152	7632	22.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.76%			
Target Compounds						Qvalue
13) Acetone	4.15	43	186	1.902	ug/L #	62
16) Methylene chloride	4.92	84	1347	3.560	ug/L	80
21) 2-Butanone	7.19	43	70	0.598	ug/L #	49
35) Trichloroethene	8.85	95	731	2.199	ug/L #	5
36) Methylcyclohexane	9.29	83	1930	3.339	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	1069	3.531	ug/L #	87
49) 2-Hexanone	10.94	43	655	3.777	ug/L #	47
59) 1,2,3-Trichloropropane	13.56	75	1034	3.952	ug/L	91

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

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MSVOA_W
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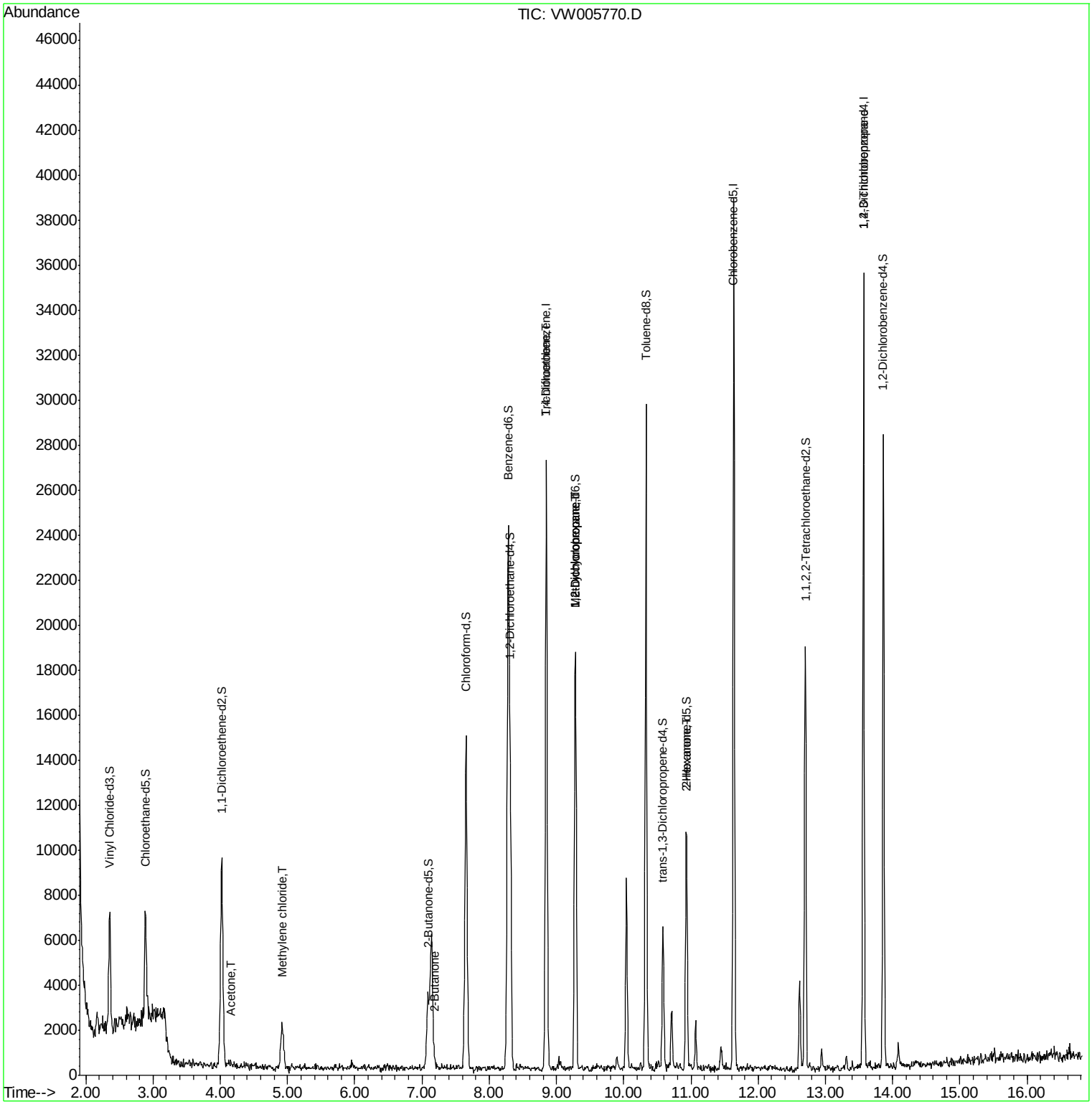
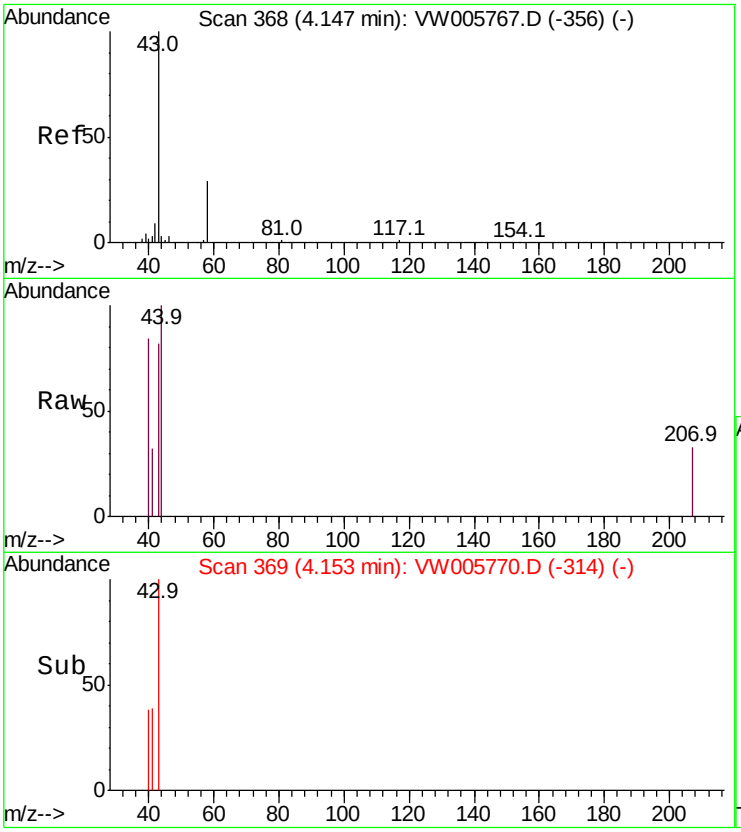
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration



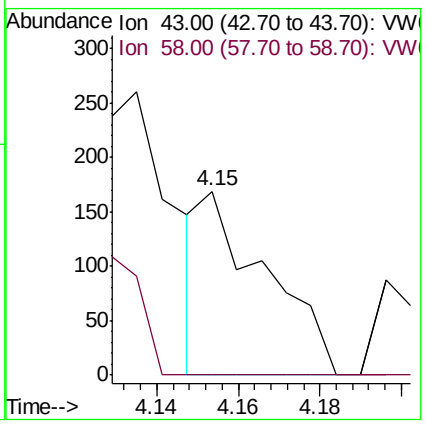


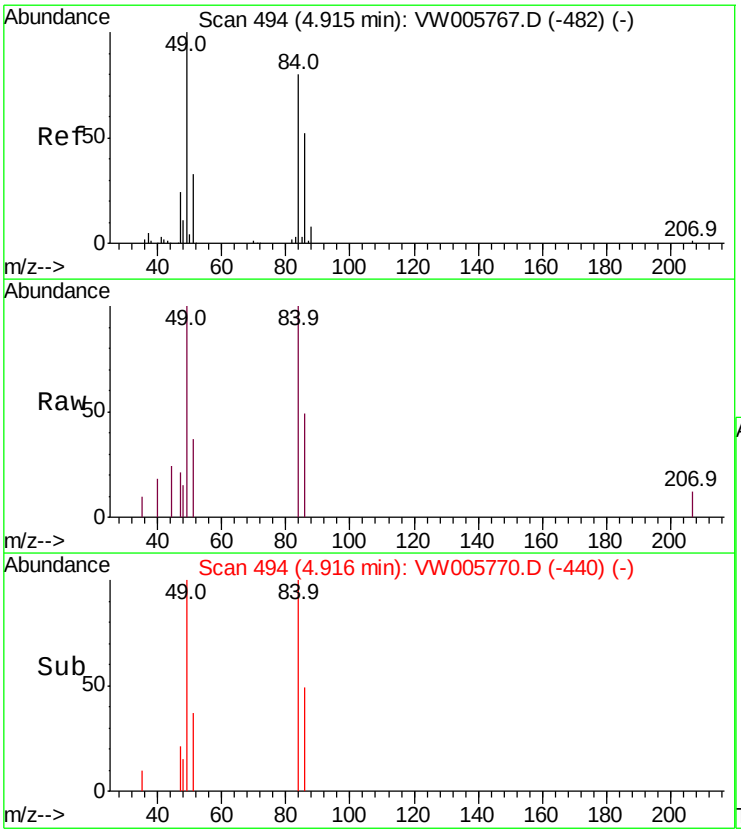
#13
Acetone
Concen: 1.902 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 186

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	31.8

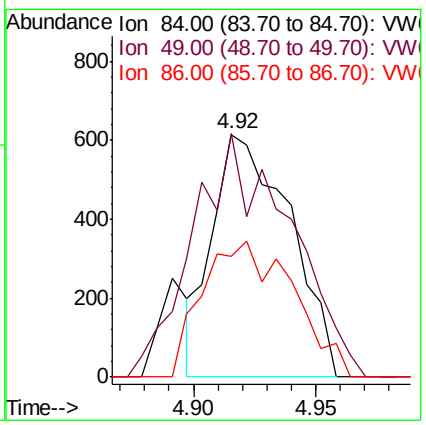


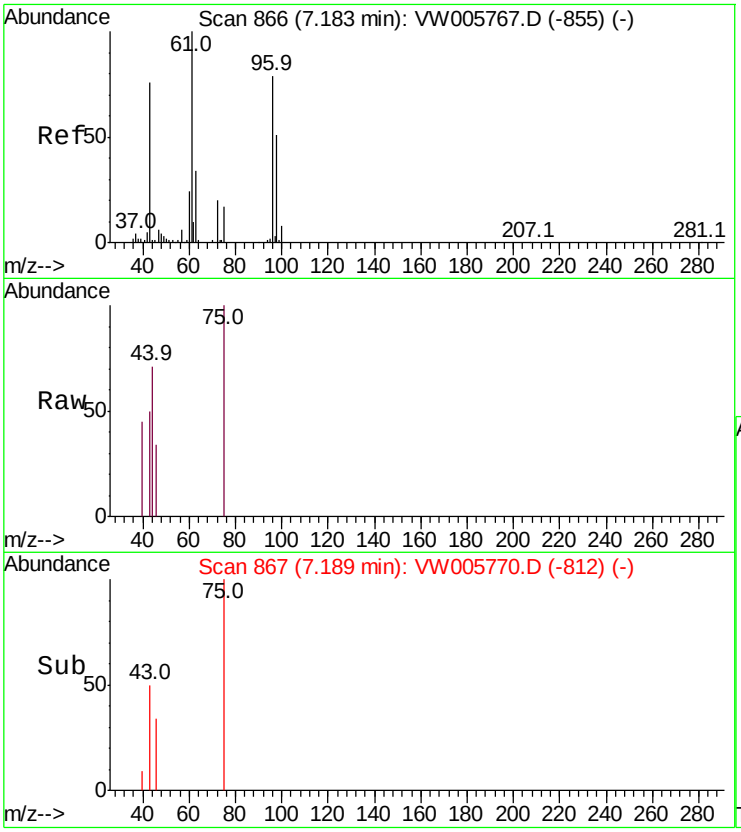


#16
Methylene chloride
Concen: 3.560 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Tgt Ion: 84 Resp: 1347

Ion	Ratio	Lower	Upper
84	100		
49	100.3	87.2	162.0
86	49.6	43.2	80.2



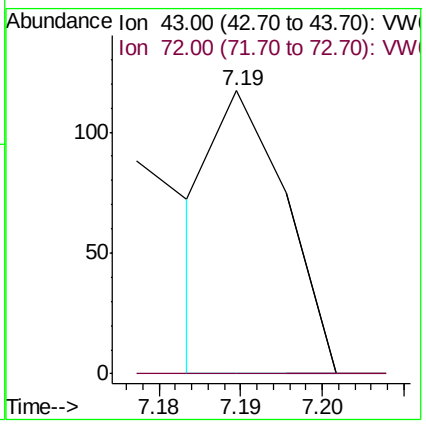


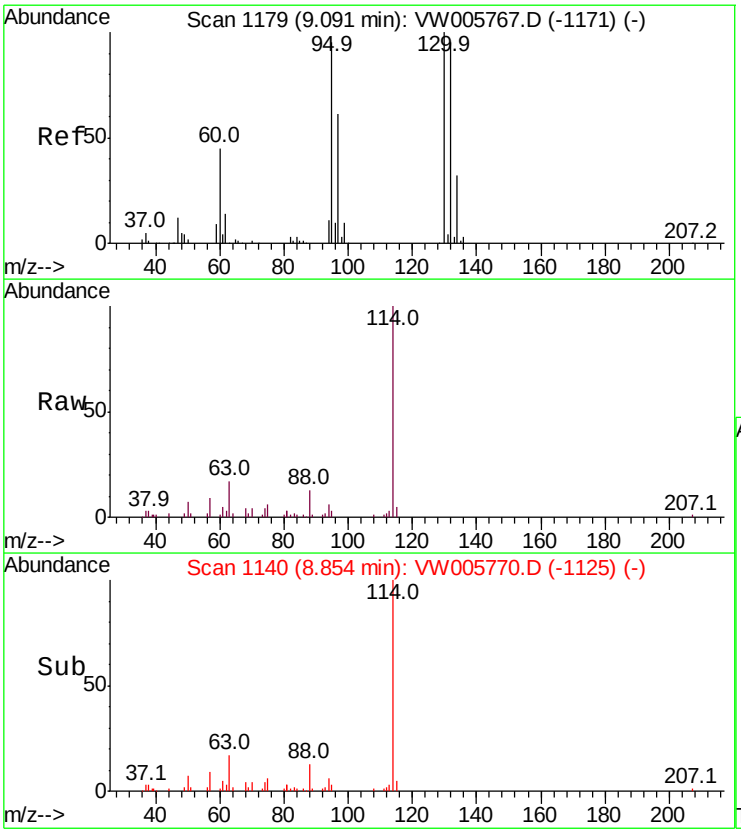
#21
2-Butanone
Concen: 0.598 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 70

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.2	39.6#

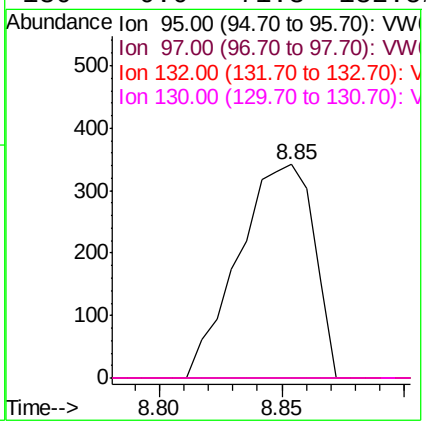


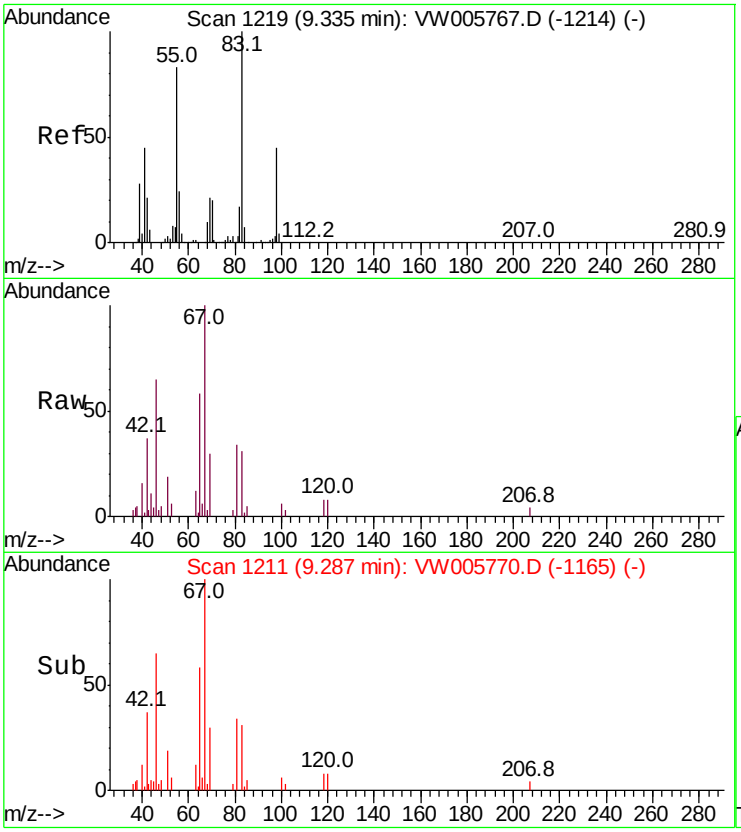


#35
Trichloroethene
Concen: 2.199 ug/L
RT: 8.85 min Scan# 1140
Delta R.T. -0.24 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Tgt Ion: 95 Resp: 731

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.0	68.0	126.4#
130	0.0	71.3	132.5#



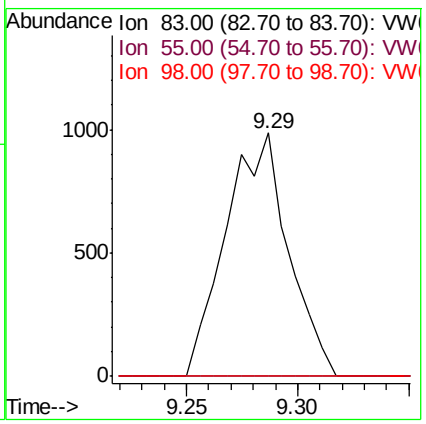


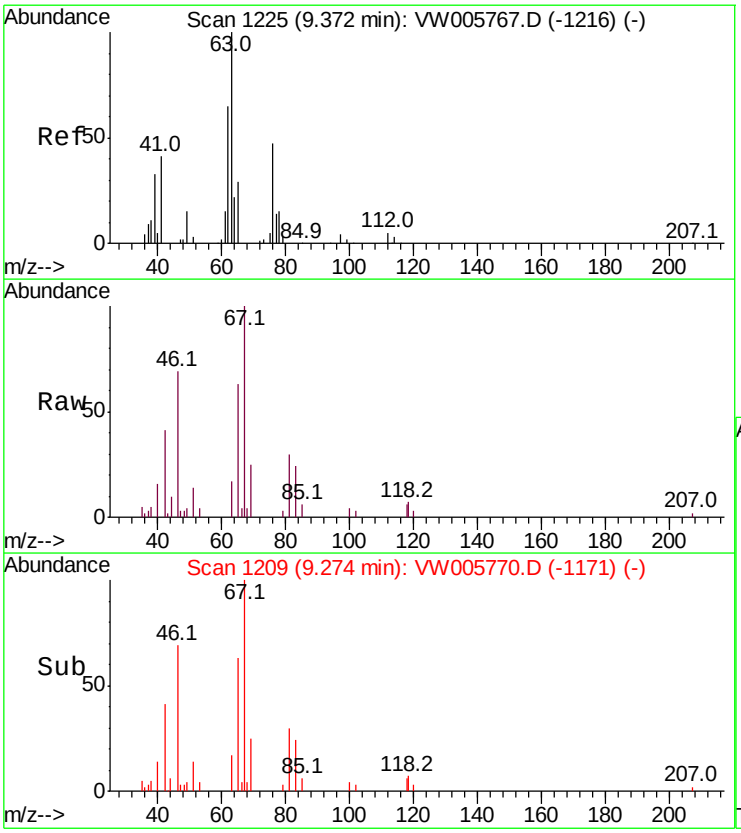
#36
Methylcyclohexane
Concen: 3.339 ug/L
RT: 9.29 min Scan# 1211
Delta R.T. -0.05 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 1930

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.5	93.7#
98	0.0	37.7	56.5#

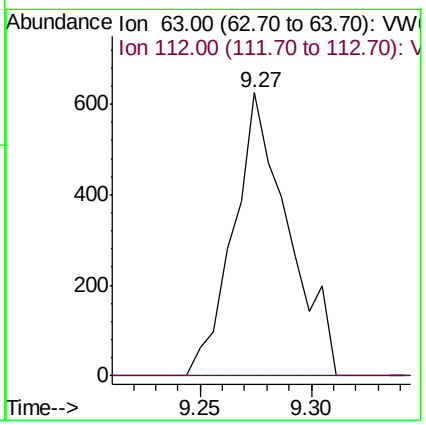


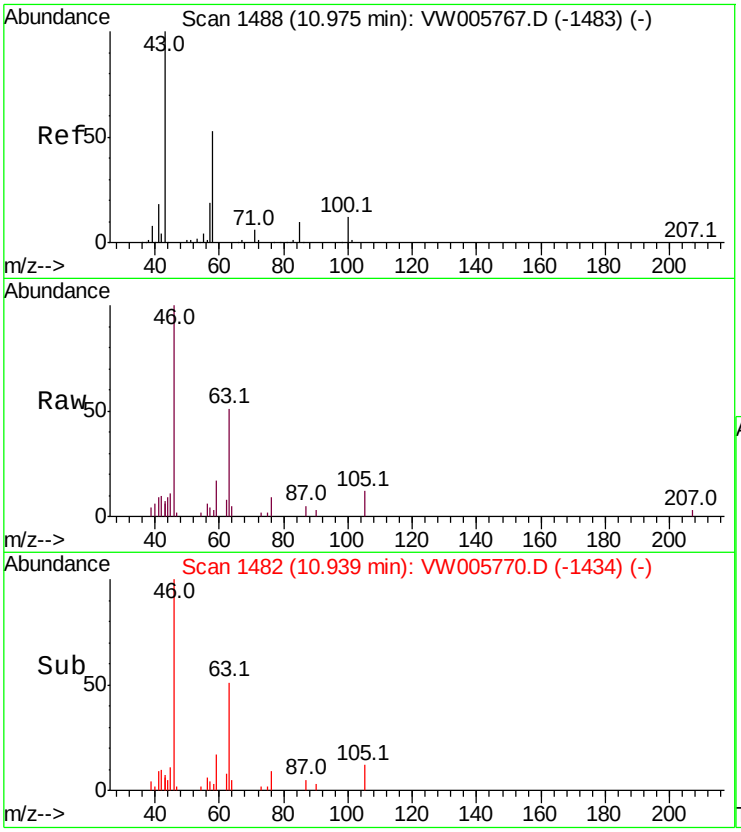


#40
1,2-Dichloropropane
Concen: 3.531 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Tgt Ion: 63 Resp: 1069

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



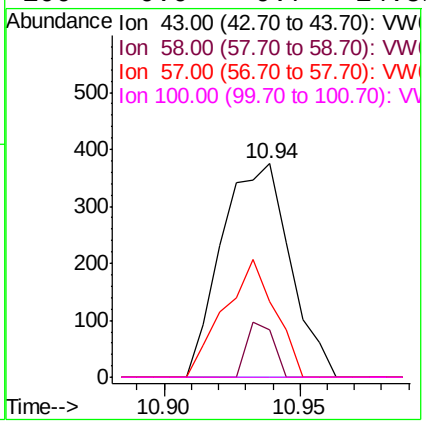


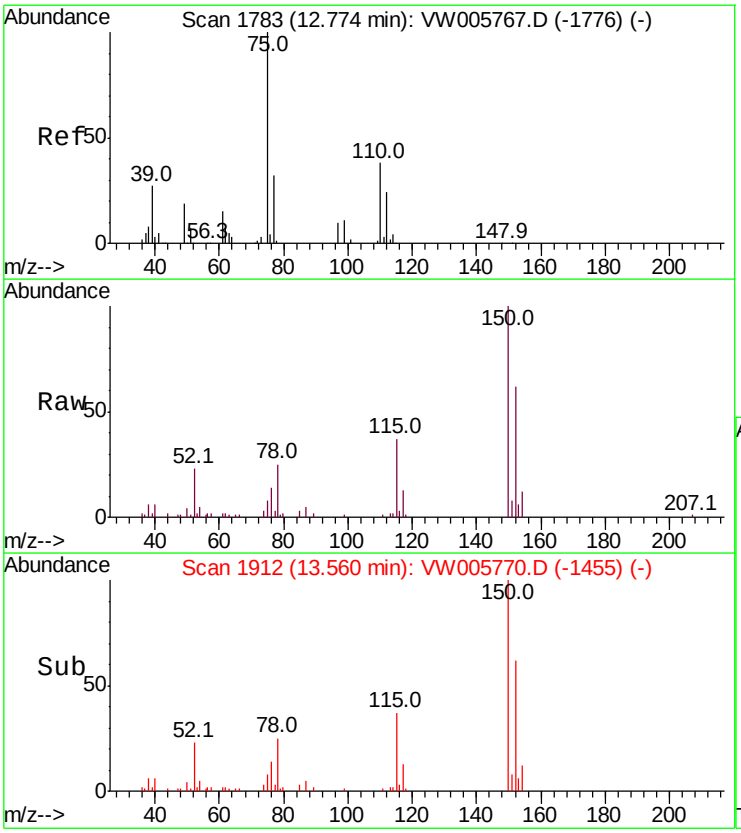
#49
2-Hexanone
Concen: 3.777 ug/L
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 655

Ion	Ratio	Lower	Upper
43	100		
58	10.2	42.0	63.0#
57	40.9	15.7	23.5#
100	0.0	9.7	14.5#





#59
1,2,3-Trichloropropane
Concen: 3.952 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW005770.D
Acq: 02 Oct 2018 12:28

Tgt Ion: 75 Resp: 1034

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.2	37.8