Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\

Quantitation Report (Not Reviewed)

Data File : VW006365.D
Acq On : 25 Oct 2018 15:30
Operator : SY/AP
Sample : J5657-05
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40K3

Quant Time: Oct 26 04:09:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	364630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	110740	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	65224	15.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.44%			
7) Chloroethane-d5	2.90	69	64686	18.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.12%			
10) 1,1-Dichloroethene-d2	4.01	63	103488	13.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.40%			
20) 2-Butanone-d5	7.09	46	23945	17.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 35.14%			
24) Chloroform-d	7.65	84	159545	20.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.80%			
26) 1,2-Dichloroethane-d4	8.31	65	89550	20.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.96%			
29) Benzene-d6	8.28	84	302707	22.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.84%			
33) 1,2-Dichloropropane-d6	9.28	67	91844	22.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.32%			
37) Toluene-d8	10.33	98	278383	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.52%			
38) trans-1,3-Dichloropropene-	10.58	79	28316	14.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 57.92%			
39) 2-Hexanone-d5	10.93	63	21118	21.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 43.44%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	75908	19.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.60%			
61) 1,2-Dichlorobenzene-d4	13.86	152	76676	20.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.80%			

Target Compounds						Qvalue
21) 2-Butanone	7.15	43	8383	4.581	ug/L #	47
35) Trichloroethene	8.85	95	10449	2.464	ug/L #	2
36) Methylcyclohexane	9.28	83	23414	3.013	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	10835	2.898	ug/L #	87
49) 2-Hexanone	10.96	43	3692	1.672	ug/L #	39
64) 1,4-Dichlorobenzene	13.58	146	2973	0.434	ug/L	86
66) 1,2-Dibromo-3-chloropropan	14.40	75	2905	5.769	ug/L #	17

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

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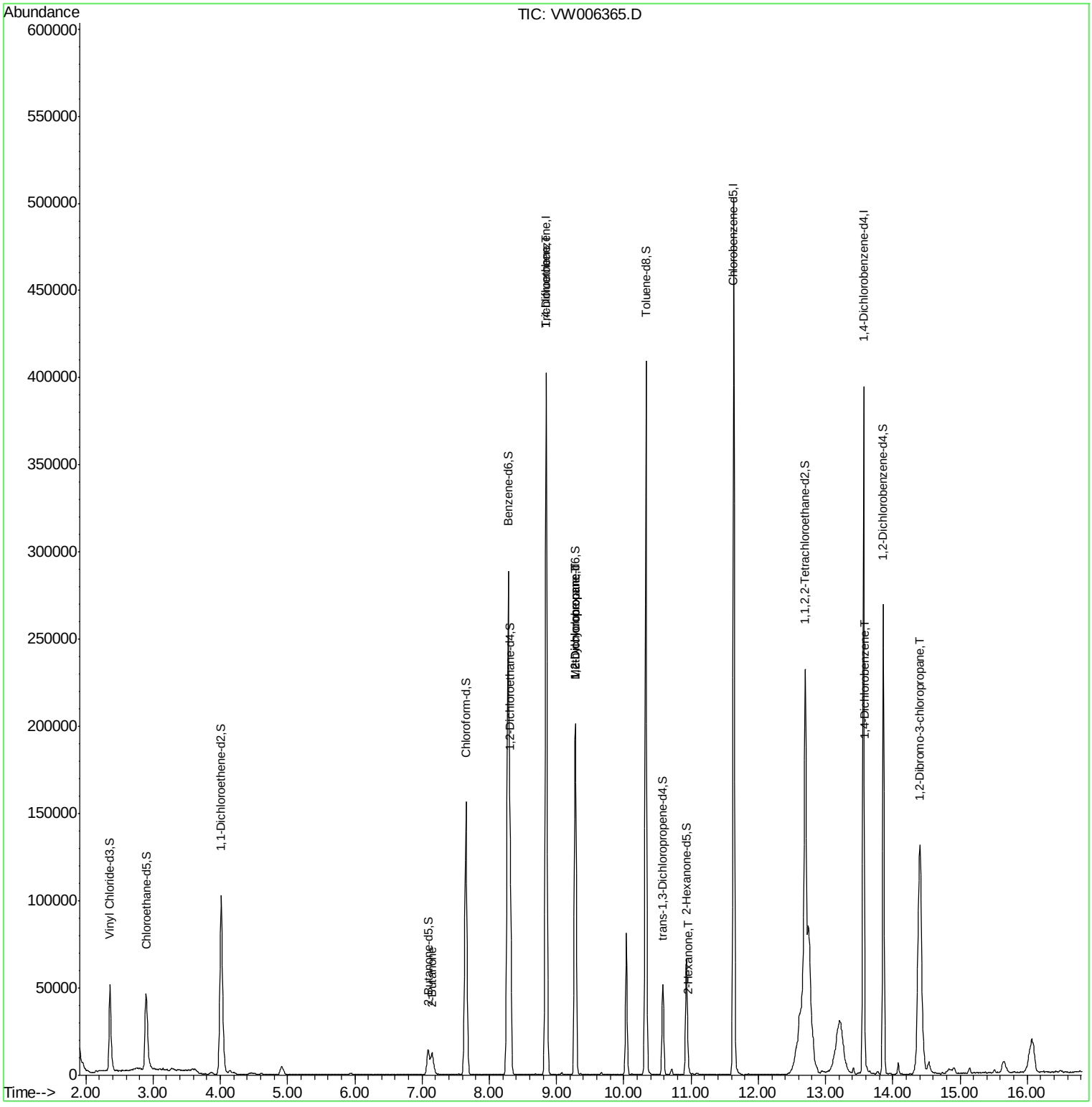
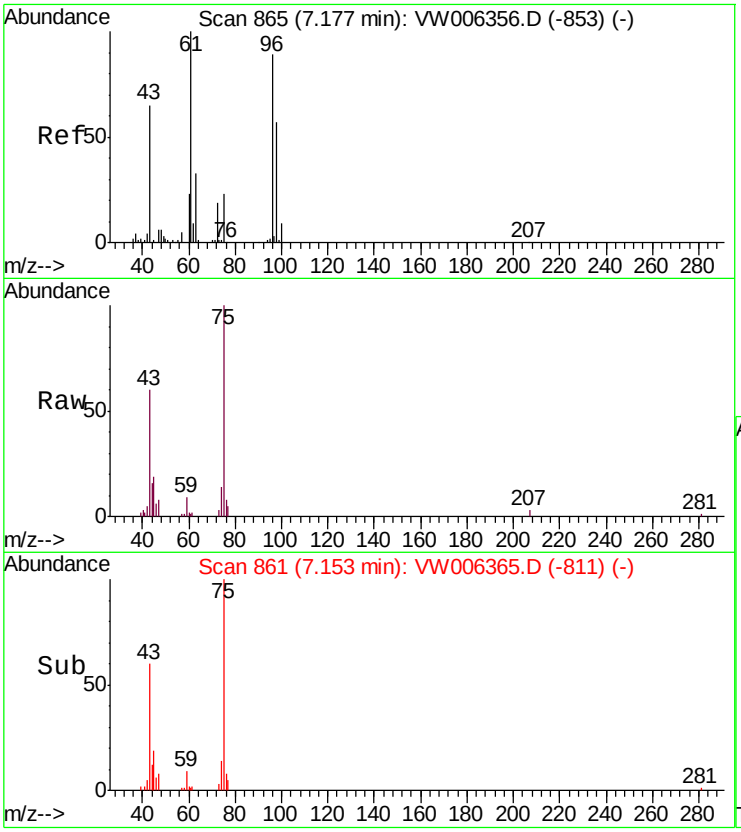
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration



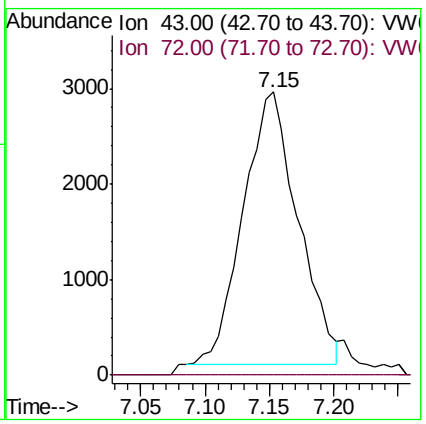


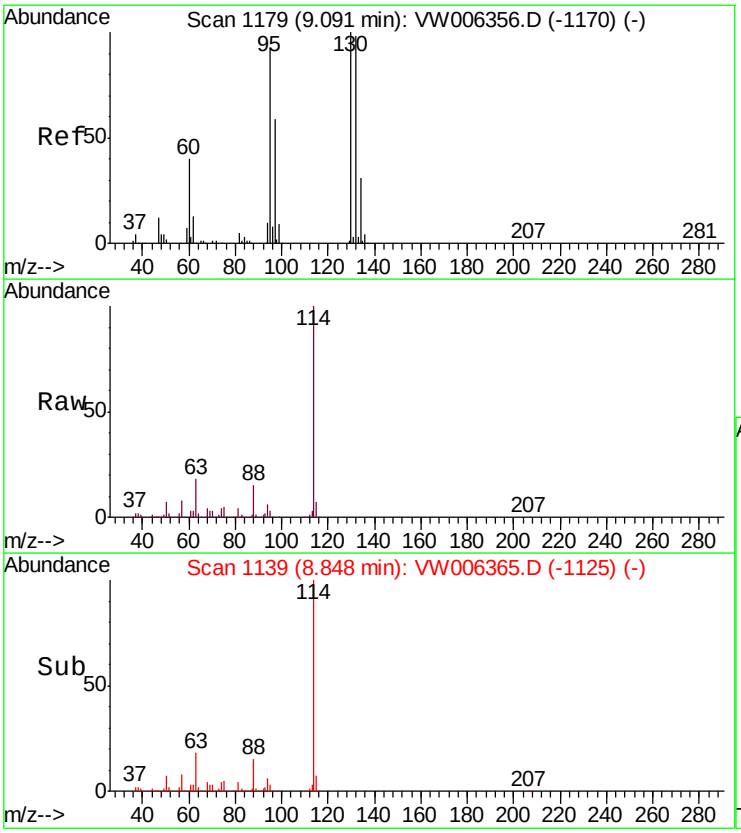
#21
2-Butanone
Concen: 4.581 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Instrument : MSVOA_W
ClientSampleId : A40K3

Tgt Ion: 43 Resp: 8383

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	41.4#

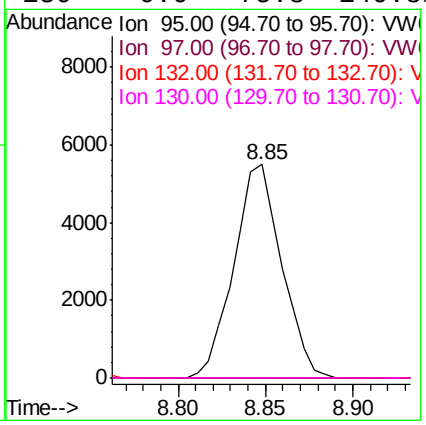


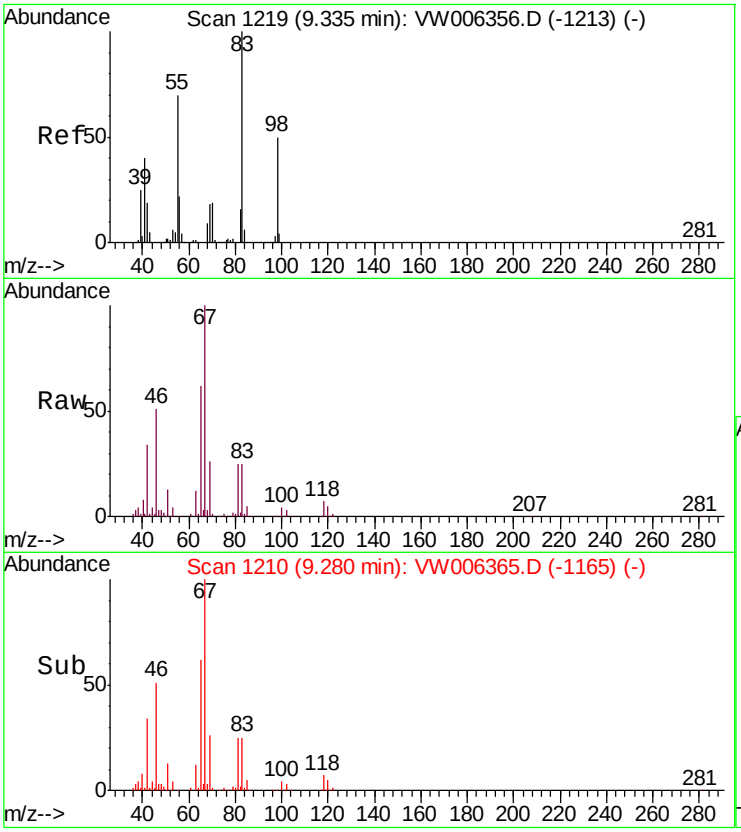


#35
Trichloroethene
Concen: 2.464 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Tgt Ion: 95 Resp: 10449

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.0#
132	0.0	72.9	135.3#
130	0.0	75.8	140.8#



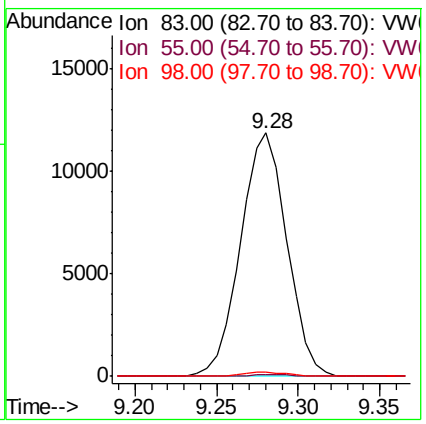


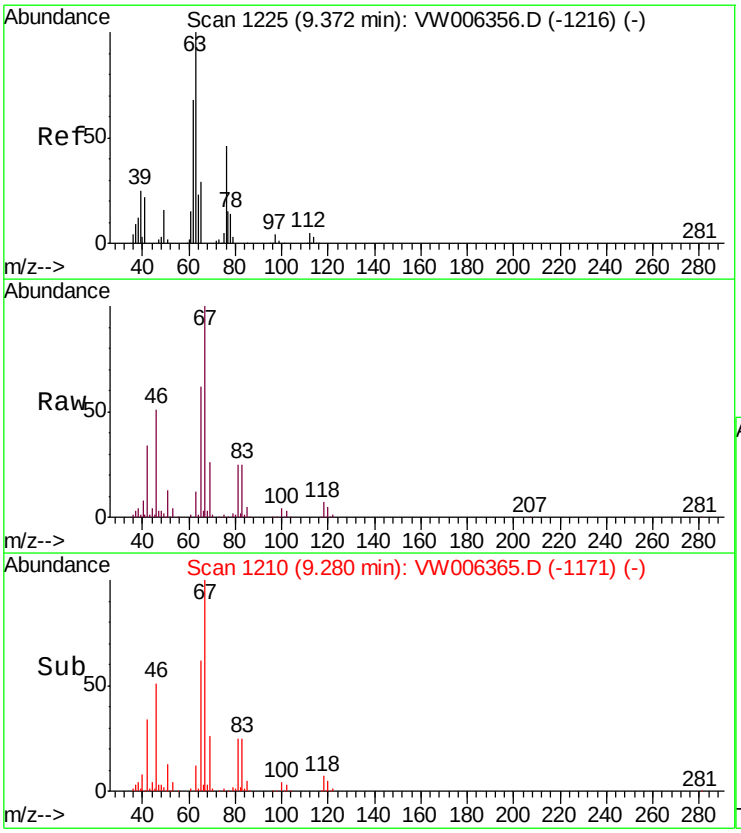
#36
Methylcyclohexane
Concen: 3.013 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Instrument : MSVOA_W
ClientSampleId : A40K3

Tgt Ion: 83 Resp: 23414

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.1	85.7#
98	1.5	38.9	58.3#

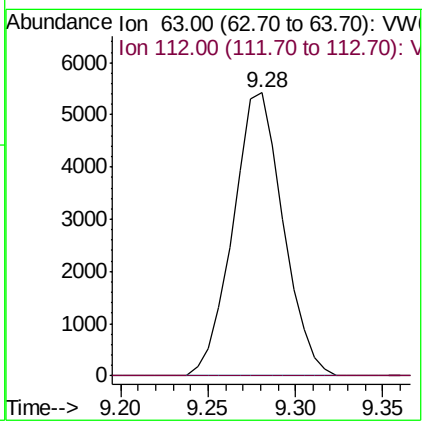


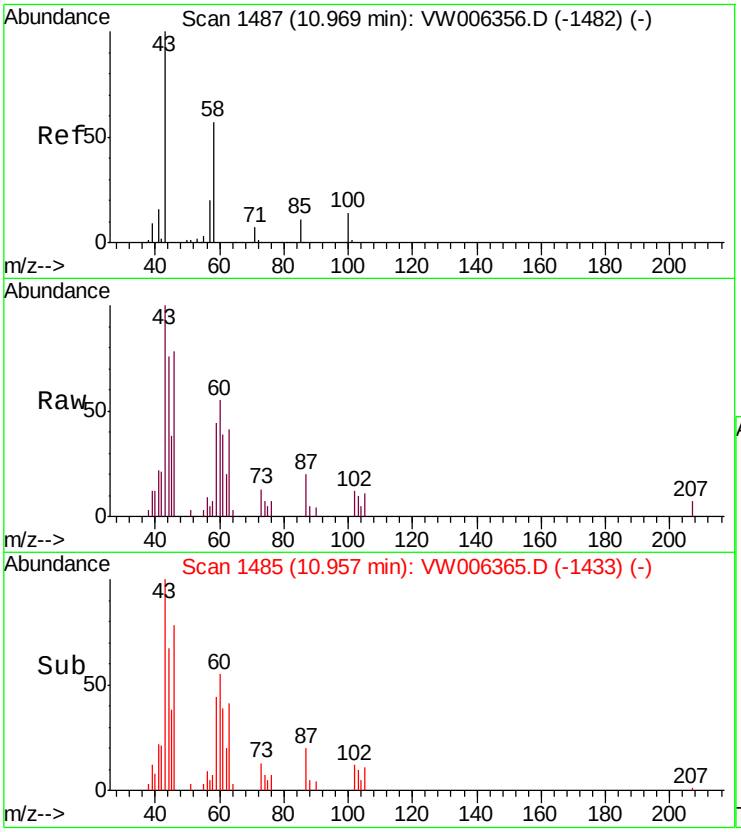


#40
1,2-Dichloropropane
Concen: 2.898 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Tgt Ion: 63 Resp: 10835

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



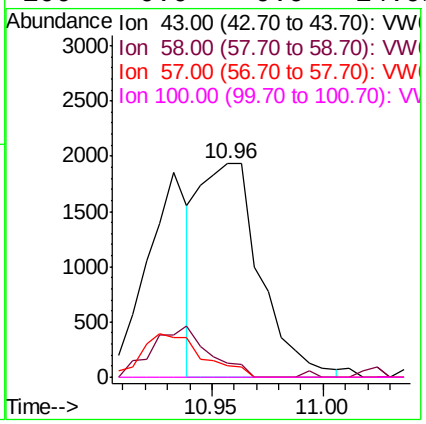


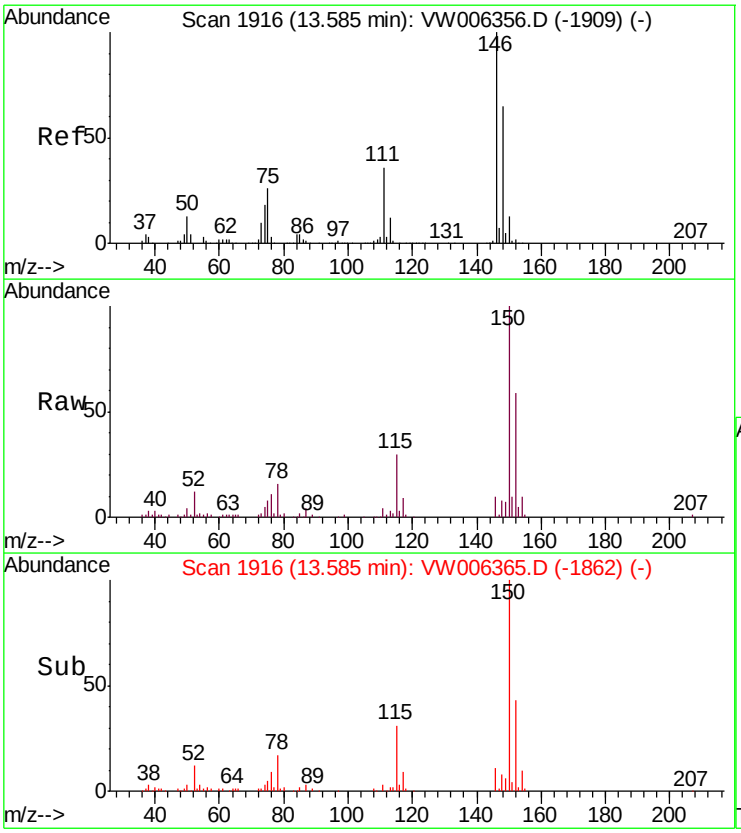
#49
2-Hexanone
Concen: 1.672 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Instrument : MSVOA_W
ClientSampleId : A40K3

Tgt Ion: 43 Resp: 3692

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	15.1	22.7#
100	0.0	9.9	14.9#

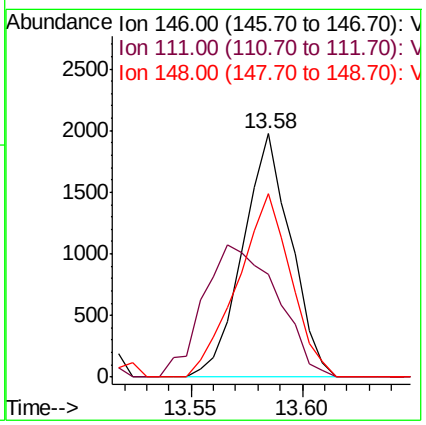


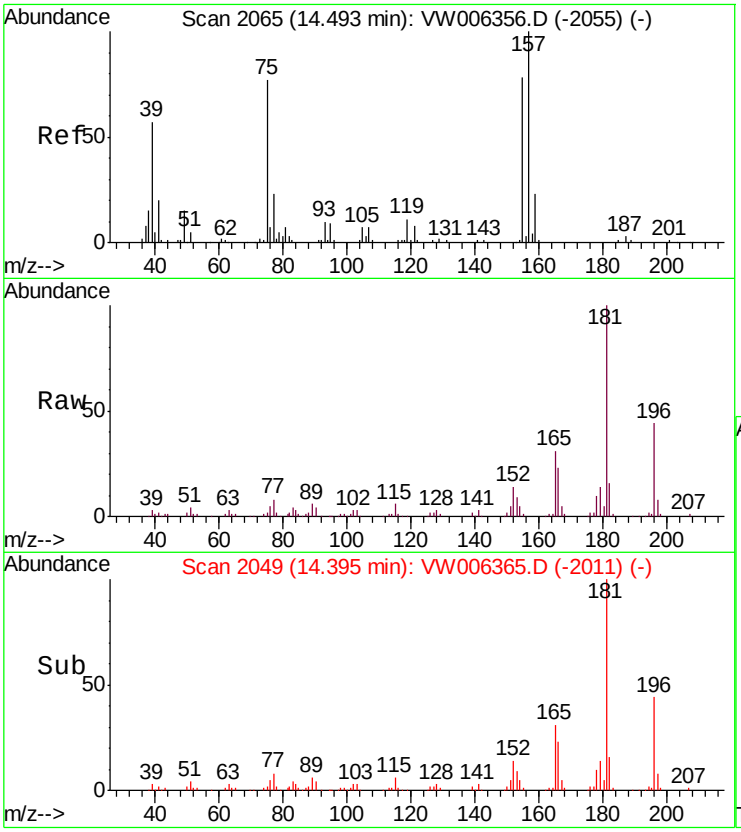


#64
1,4-Dichlorobenzene
Concen: 0.434 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Tgt Ion:146 Resp: 2973

Ion	Ratio	Lower	Upper
146	100		
111	42.3	24.7	45.9
148	75.5	44.9	83.5





#66
1,2-Dibromo-3-chloropropane
Concen: 5.769 ug/L
RT: 14.40 min Scan# 2049
Delta R.T. -0.10 min
Lab File: VW006365.D
Acq: 25 Oct 2018 15:30

Instrument :
MSVOA_W
ClientSampleId :
A40K3

Tgt Ion: 75 Resp: 2905

Ion	Ratio	Lower	Upper
75	100		
157	0.0	106.8	160.2#
155	55.9	79.2	118.8#