Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
Data File : VW007363.D
Acq On : 10 Dec 2018 17:37
Operator : SY/AP
Sample : J6297-09
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 11 01:21:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	124759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	107765	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48566	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	22348	27.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.00%			
7) Chloroethane-d5	2.89	69	17331	25.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.72%			
10) 1,1-Dichloroethene-d2	4.01	63	56215	20.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.24%			
20) 2-Butanone-d5	7.07	46	15019	29.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.64%			
24) Chloroform-d	7.65	84	76709	26.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.28%			
26) 1,2-Dichloroethane-d4	8.31	65	43465	25.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%			
29) Benzene-d6	8.27	84	150818	25.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.08%			
33) 1,2-Dichloropropane-d6	9.27	67	42291	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.28%			
37) Toluene-d8	10.32	98	141751	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.32%			
38) trans-1,3-Dichloropropene-	10.58	79	19671	23.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.16%			
39) 2-Hexanone-d5	10.93	63	12384	30.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31908	20.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.88%			
61) 1,2-Dichlorobenzene-d4	13.86	152	41716	24.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.68%			
Target Compounds						Qvalue
13) Acetone	4.12	43	826	1.387	ug/L	75
16) Methylene chloride	4.91	84	4165	2.066	ug/L	89
35) Trichloroethene	8.84	95	3869	2.184	ug/L #	4
36) Methylcyclohexane	9.27	83	11203	3.664	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5198	3.440	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1600	0.631	ug/L	99
49) 2-Hexanone	10.96	43	982	1.168	ug/L #	39
59) 1,2,3-Trichloropropane	13.56	75	5413	4.434	ug/L	94

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

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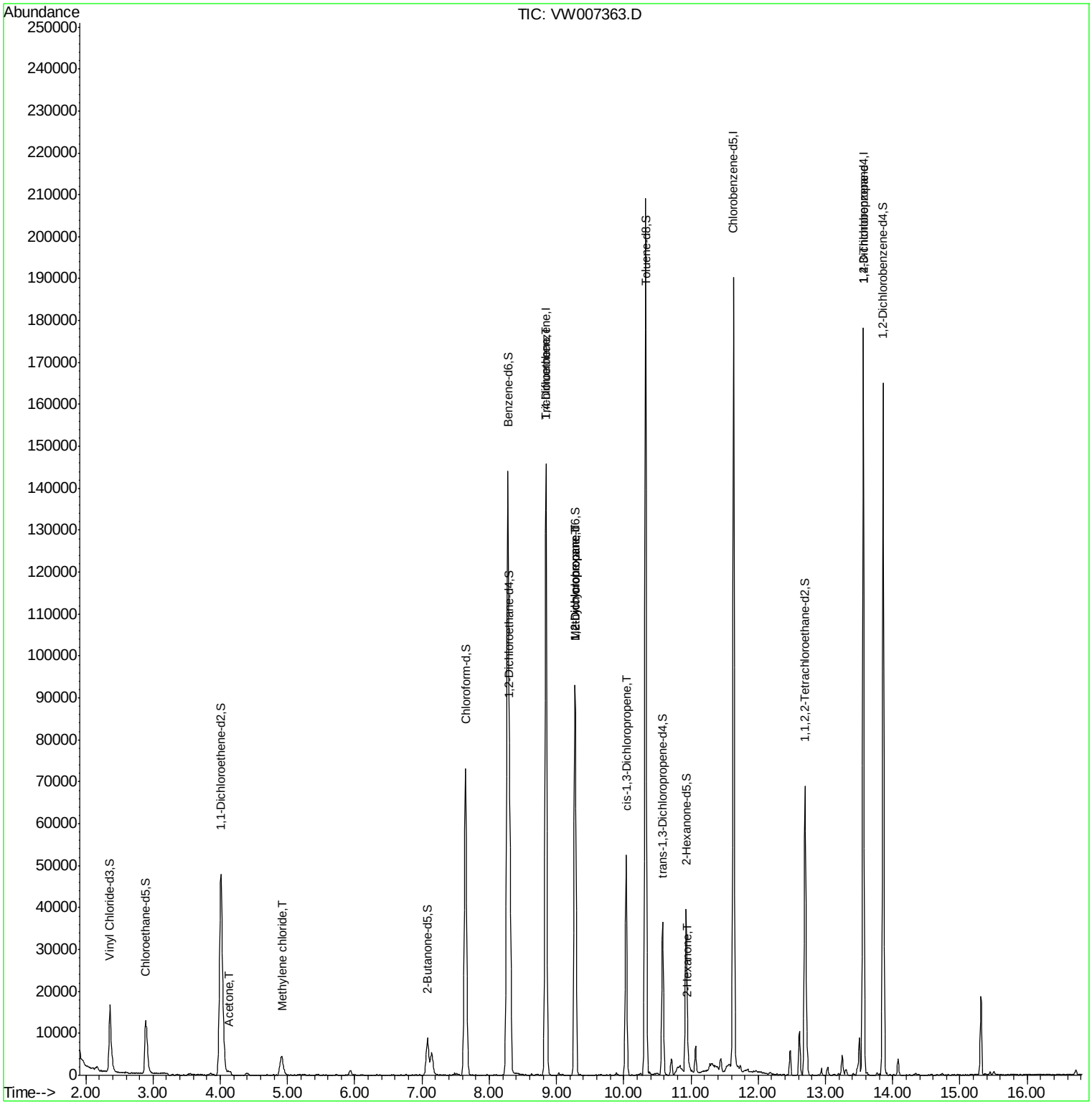
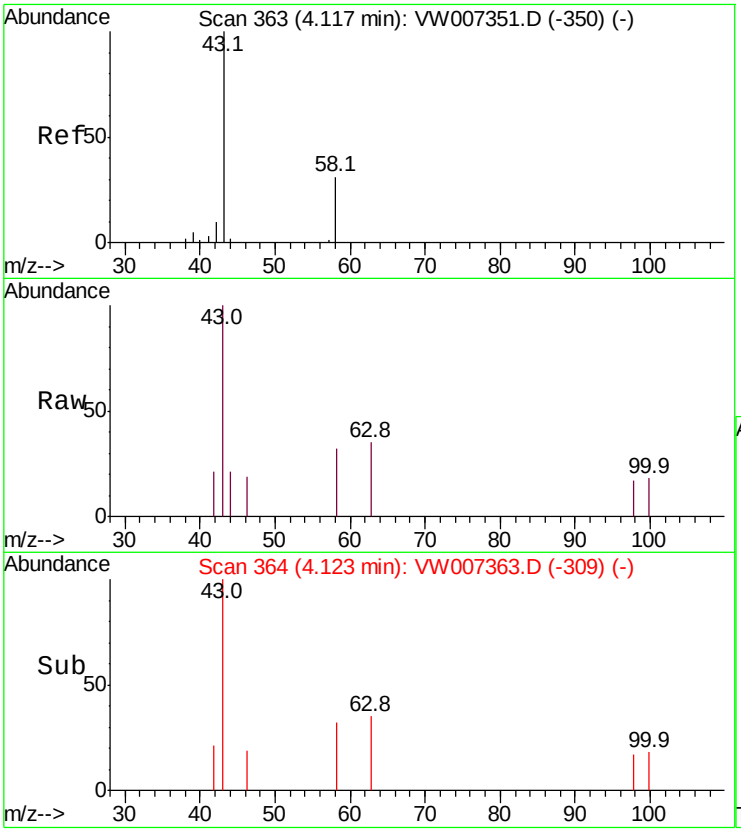
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration



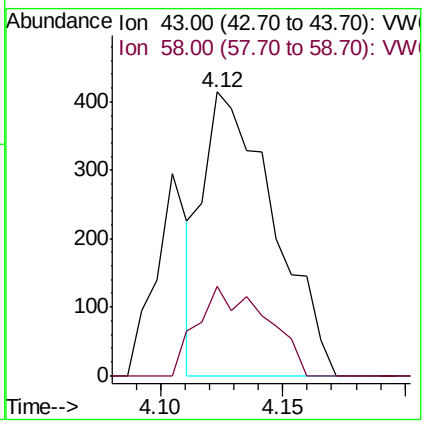


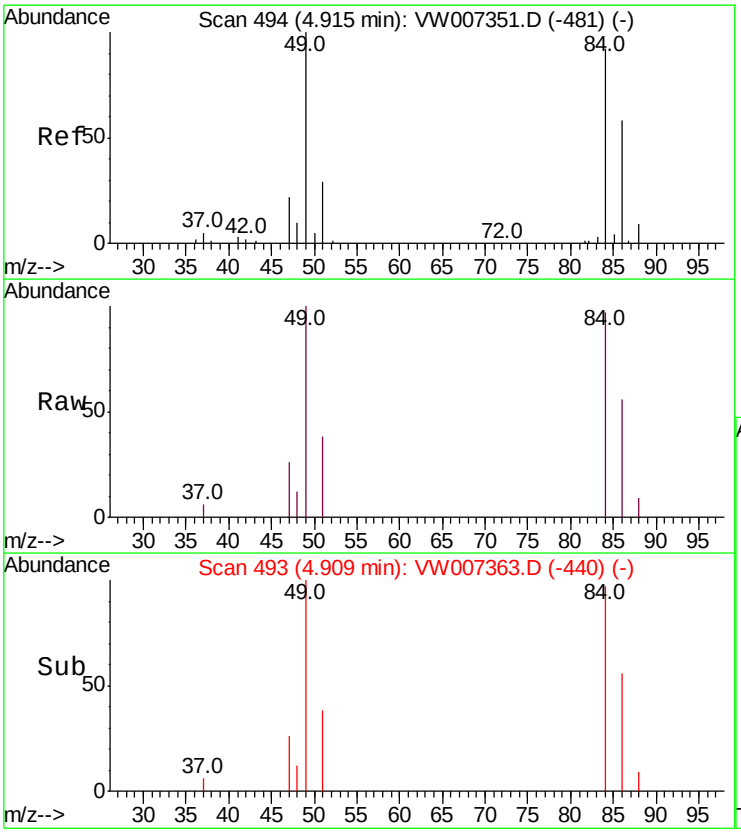
#13
Acetone
Concen: 1.387 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 826

Ion	Ratio	Lower	Upper
43	100		
58	16.3	0.0	59.2

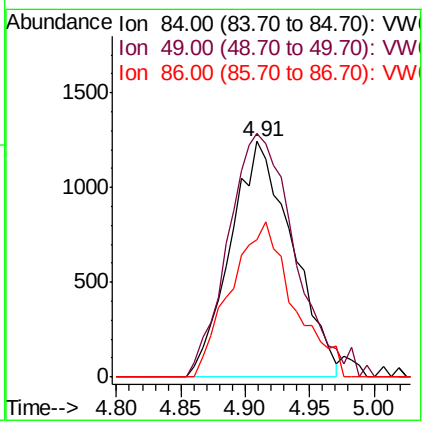


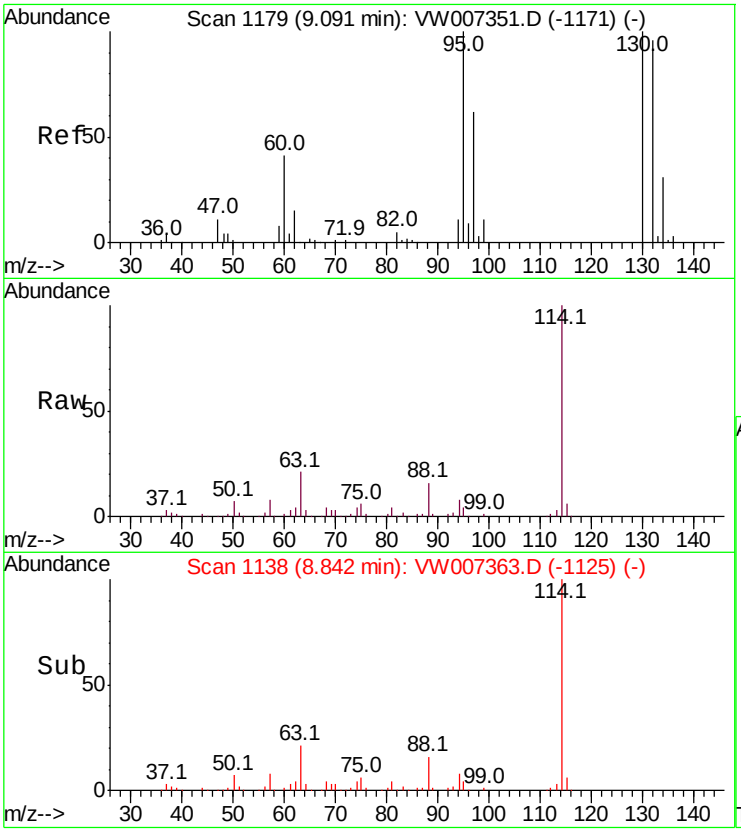


#16
Methylene chloride
Concen: 2.066 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Tgt Ion: 84 Resp: 4165

Ion	Ratio	Lower	Upper
84	100		
49	103.2	80.8	150.2
86	58.2	45.8	85.2



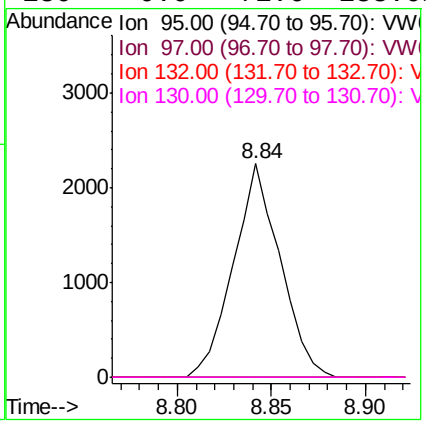


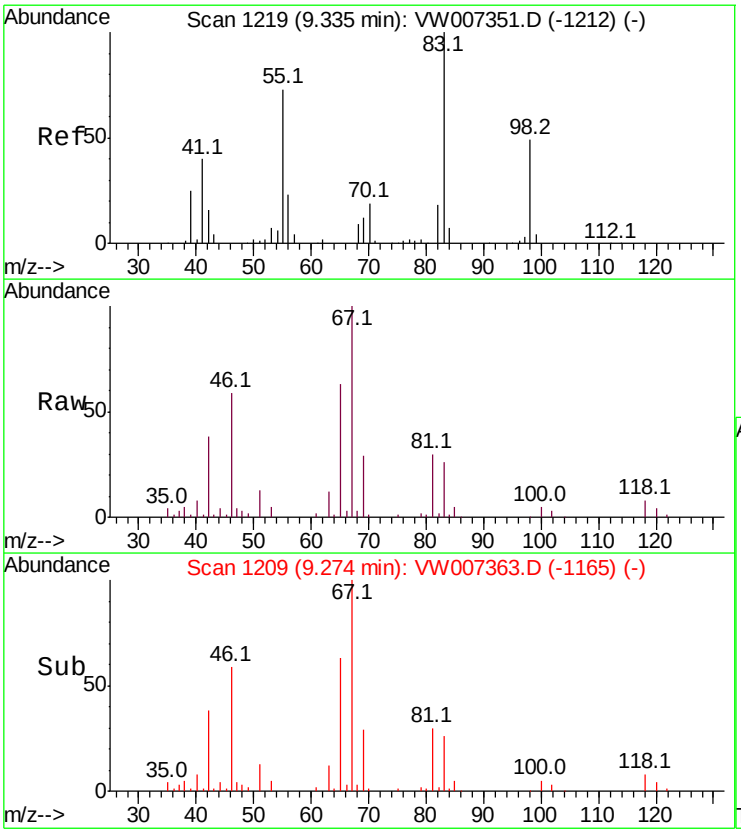
#35
Trichloroethene
Concen: 2.184 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 3869

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.0#
132	0.0	68.0	126.4#
130	0.0	71.6	133.0#

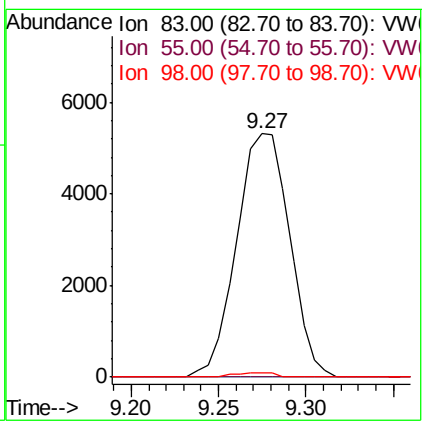


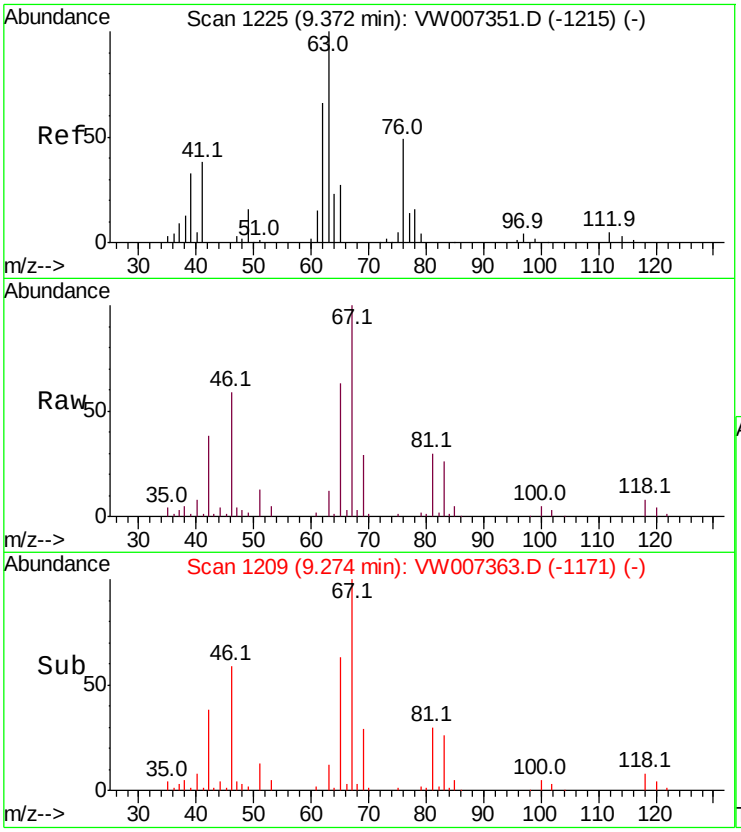


#36
Methylcyclohexane
Concen: 3.664 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Tgt Ion: 83 Resp: 11203

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.2#
98	1.3	38.1	57.1#



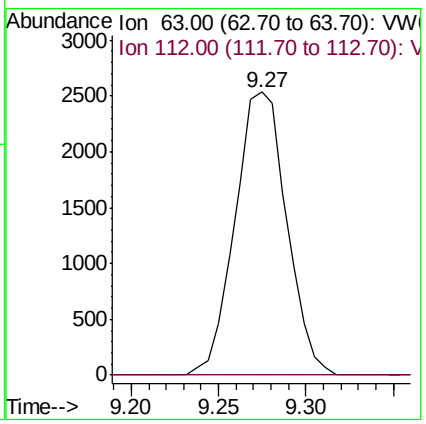


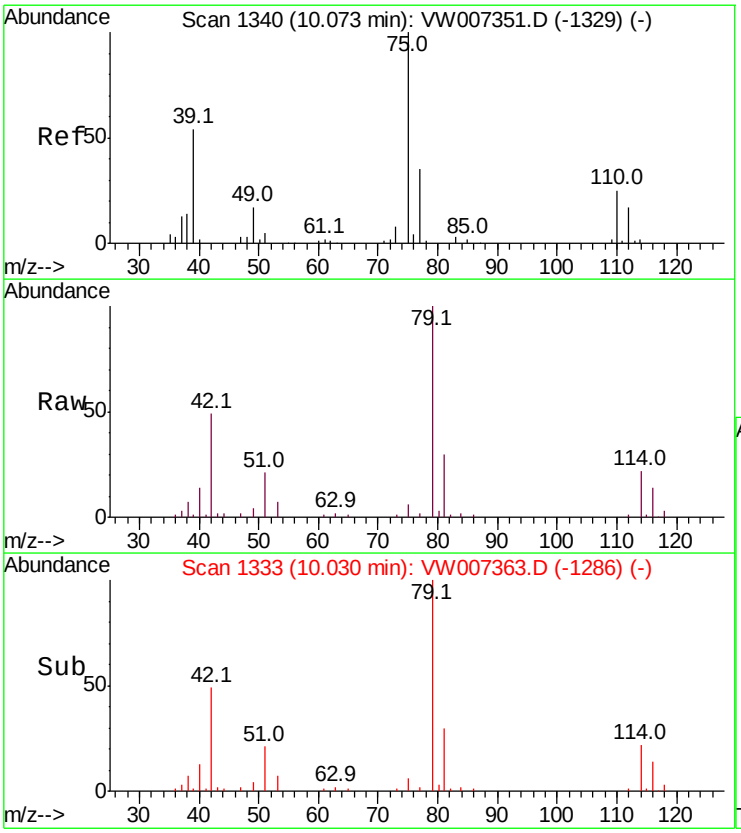
#40
1,2-Dichloropropane
Concen: 3.440 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 5198

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

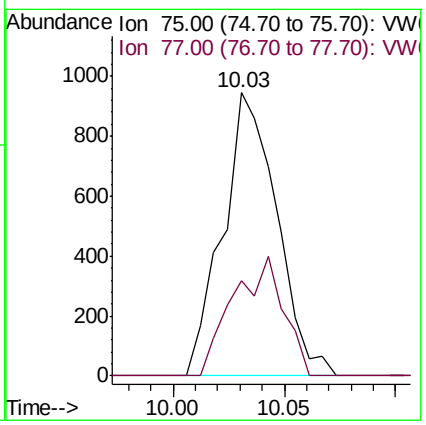


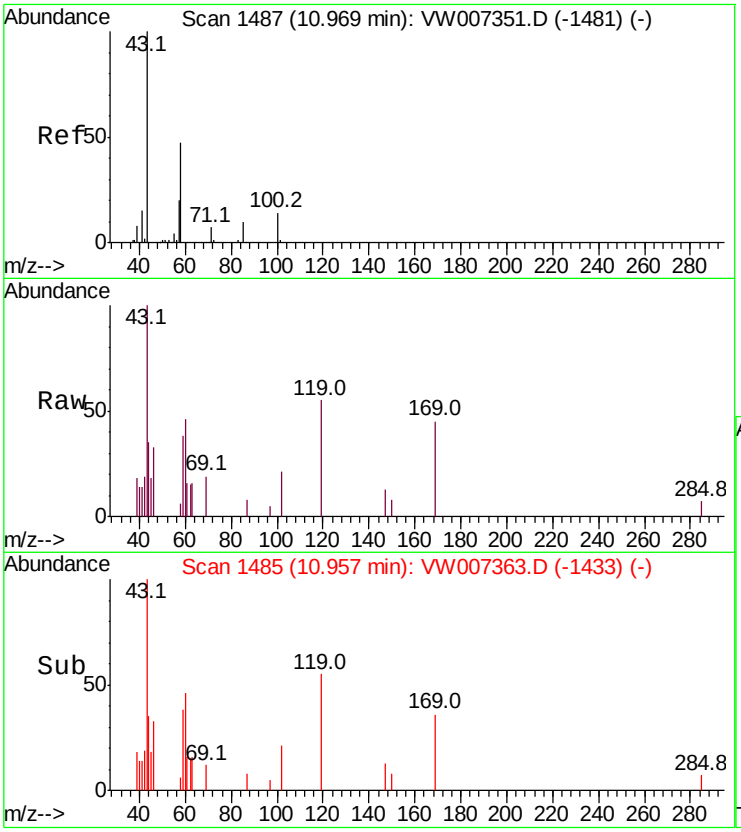


#42
cis-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Tgt Ion: 75 Resp: 1600

Ion	Ratio	Lower	Upper
75	100		
77	33.5	23.0	42.6



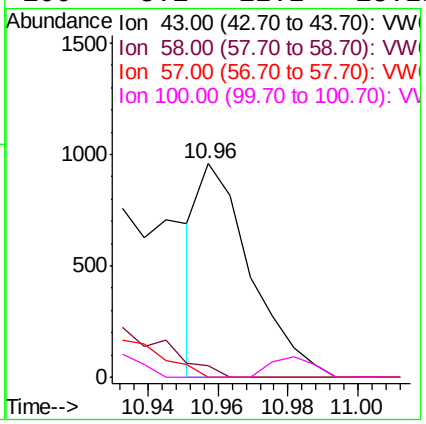


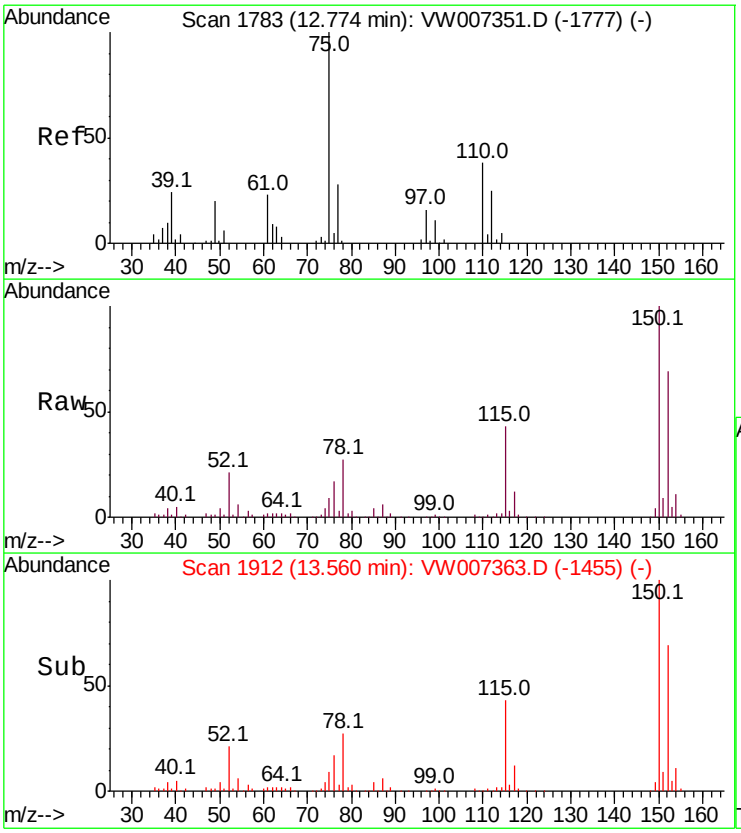
#49
2-Hexanone
Concen: 1.168 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 982

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.2	70.8#
57	0.0	17.6	26.4#
100	8.1	12.2	18.2#





#59
1,2,3-Trichloropropane
Concen: 4.434 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW007363.D
Acq: 10 Dec 2018 17:37

Tgt Ion: 75 Resp: 5413

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.5	39.7