Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121218\
Data File : VW007404.D
Acq On : 11 Dec 2018 18:26
Operator : SY/AP
Sample : J6271-17
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 12 02:42:50 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	8.85	114	4261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	3597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	1138	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	811	29.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.88%			
7) Chloroethane-d5	2.89	69	1162	49.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 197.76%#			
10) 1,1-Dichloroethene-d2	4.02	63	2298	24.01	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.04%			
20) 2-Butanone-d5	7.07	46	697	39.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.68%			
24) Chloroform-d	7.64	84	1663	16.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 66.20%			
26) 1,2-Dichloroethane-d4	8.31	65	2089	36.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 146.08%#			
29) Benzene-d6	8.27	84	5939	30.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.60%			
33) 1,2-Dichloropropane-d6	9.27	67	1781	31.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.80%#			
37) Toluene-d8	10.32	98	5195	28.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.44%			
38) trans-1,3-Dichloropropene-	10.57	79	752	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.56%			
39) 2-Hexanone-d5	10.93	63	670	49.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	2112	41.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 166.32%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	1292	32.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 129.08%#			
Target Compounds						Qvalue
13) Acetone	4.11	43	129	6.341	ug/L #	45
16) Methylene chloride	4.94	84	119	1.728	ug/L #	50
35) Trichloroethene	8.85	95	47	0.795	ug/L #	4
36) Methylcyclohexane	9.28	83	438	4.292	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	147	2.915	ug/L #	86
49) 2-Hexanone	10.93	43	77	2.745	ug/L #	35
59) 1,2,3-Trichloropropane	13.57	75	148	3.632	ug/L #	42

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

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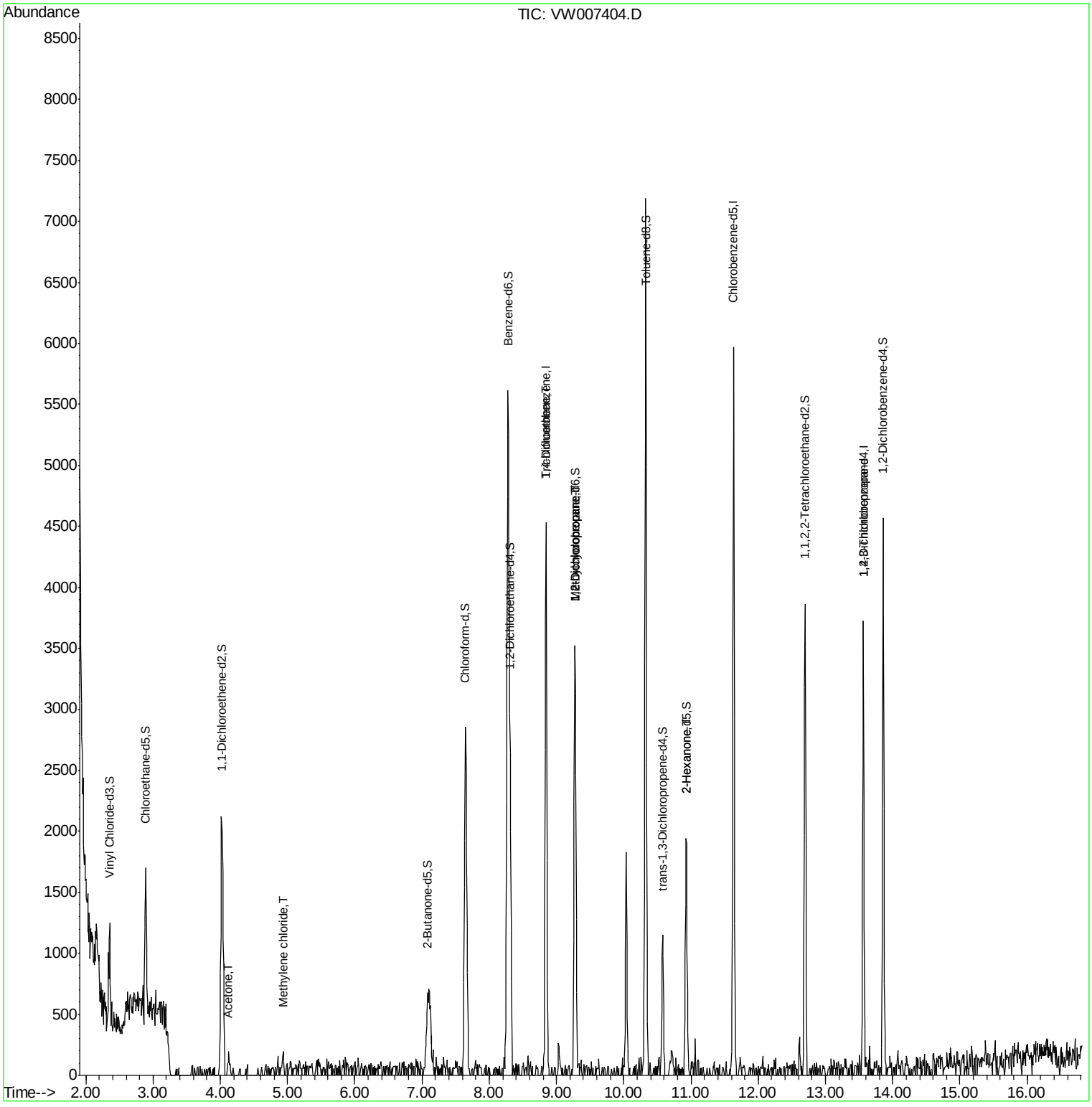
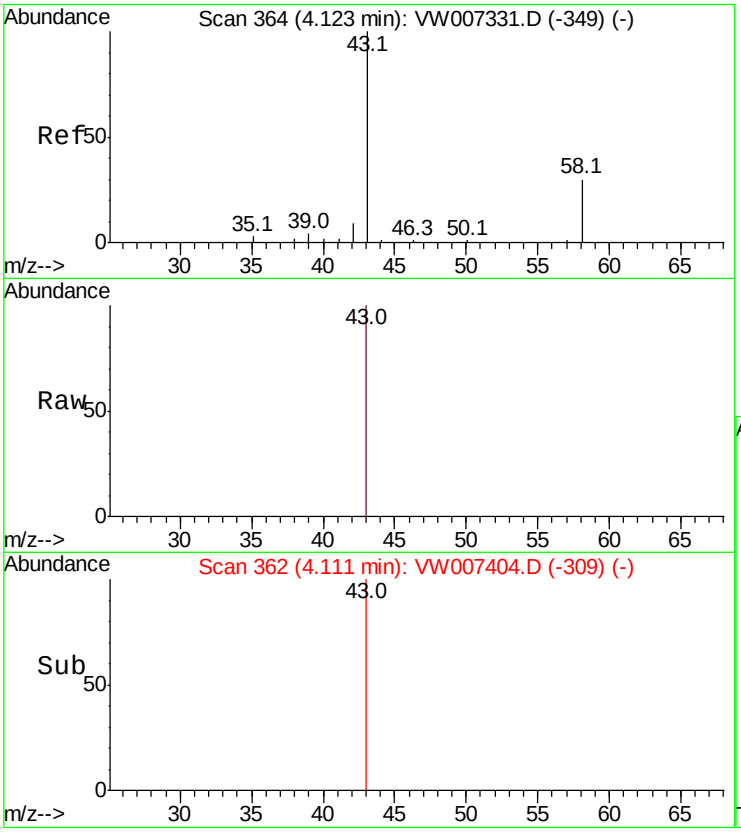


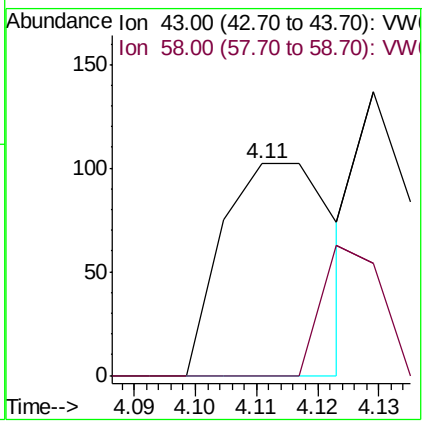


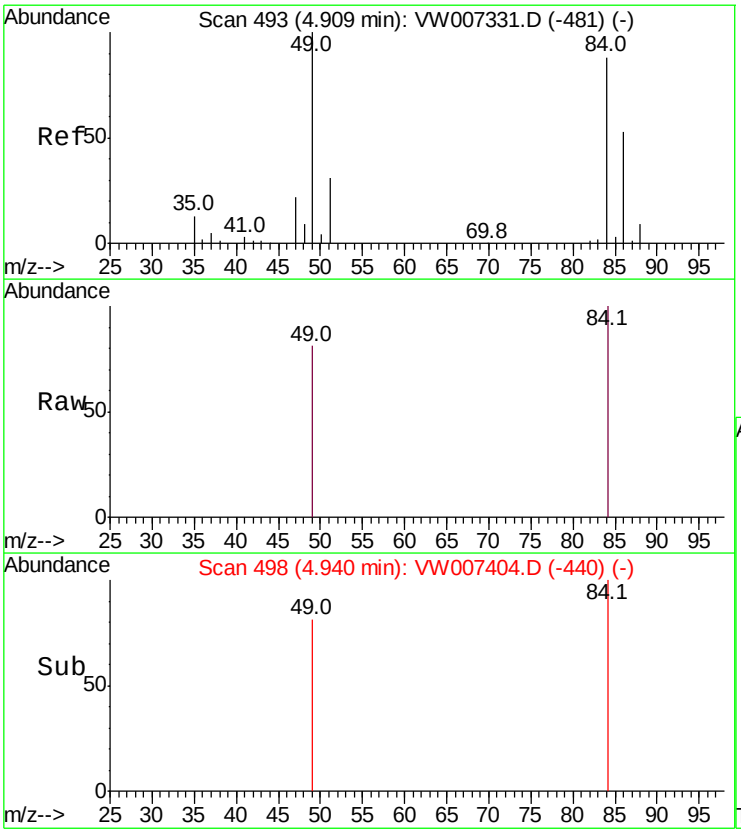
#13
Acetone
Concen: 6.341 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 129

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	59.2

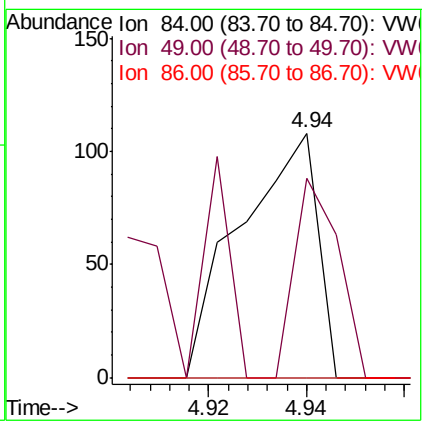


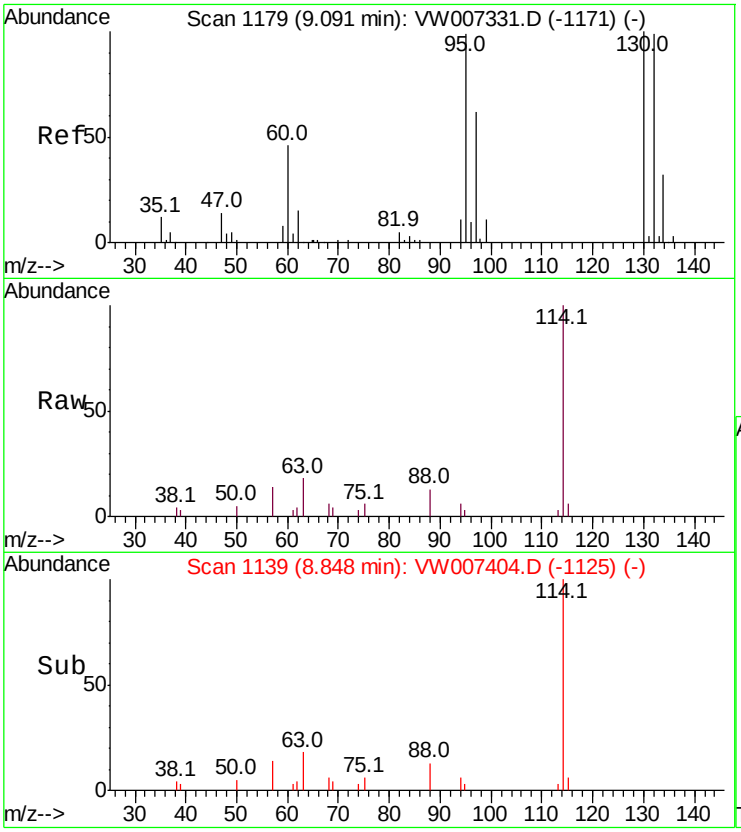


#16
Methylene chloride
Concen: 1.728 ug/L
RT: 4.94 min Scan# 498
Delta R.T. 0.02 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Tgt Ion: 84 Resp: 119

Ion	Ratio	Lower	Upper
84	100		
49	81.5	80.8	150.2
86	0.0	45.8	85.2#



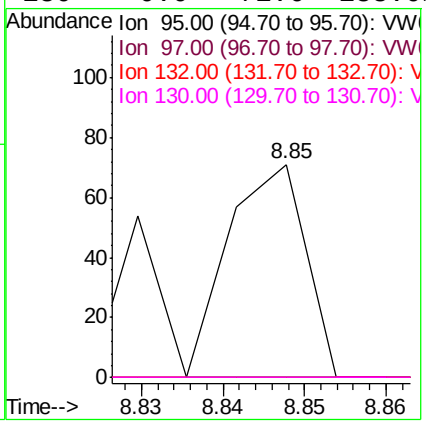


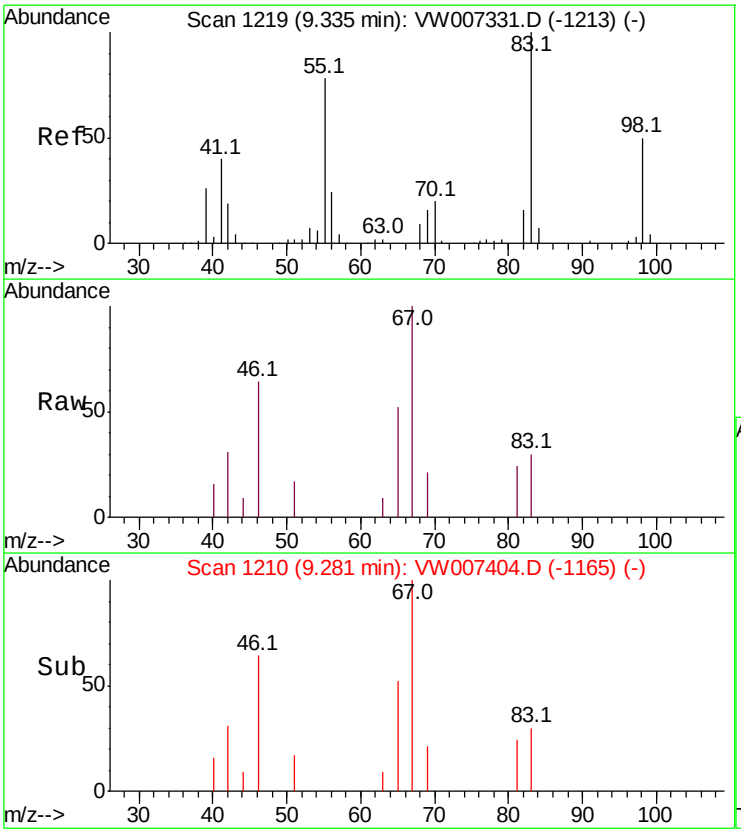
#35
Trichloroethene
Concen: 0.795 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 47

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#

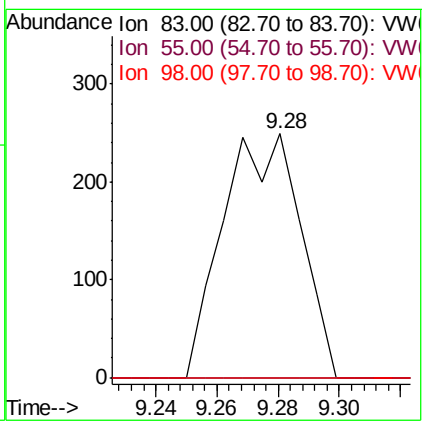


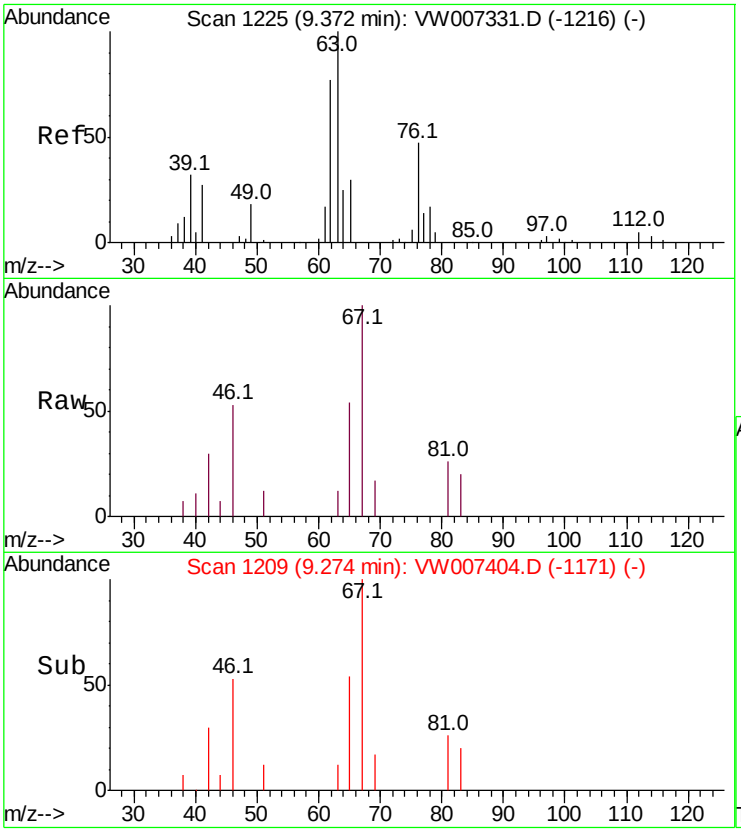


#36
Methylcyclohexane
Concen: 4.292 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Tgt Ion: 83 Resp: 438

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



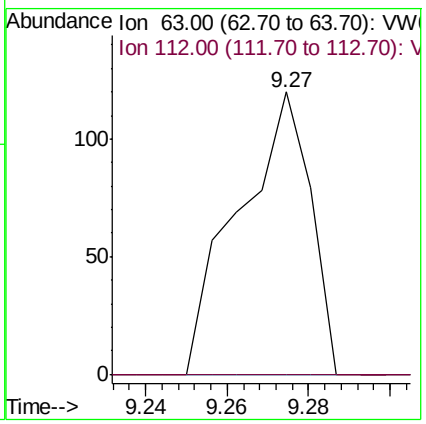


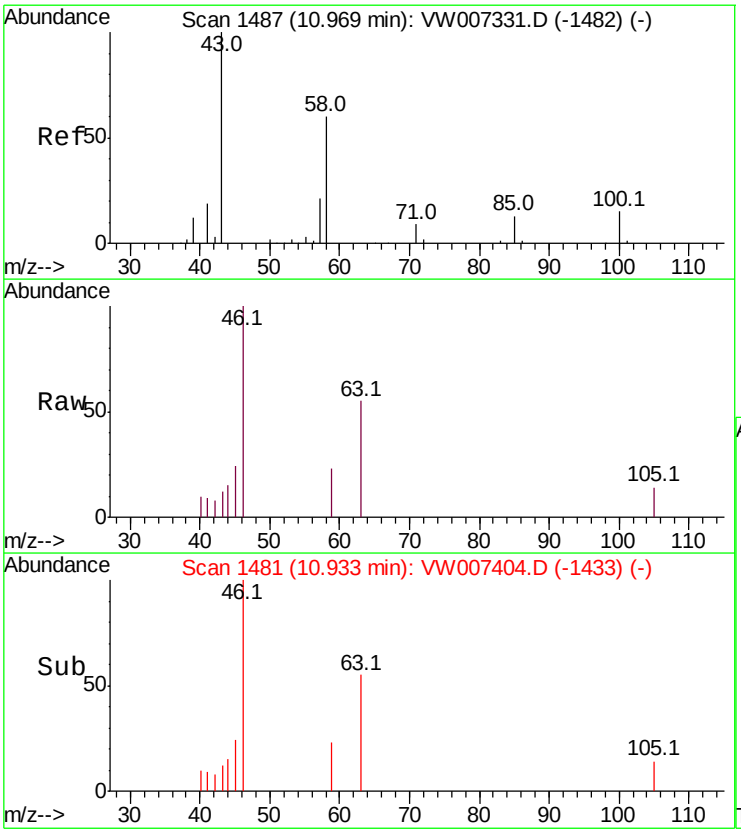
#40
1,2-Dichloropropane
Concen: 2.915 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 147

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

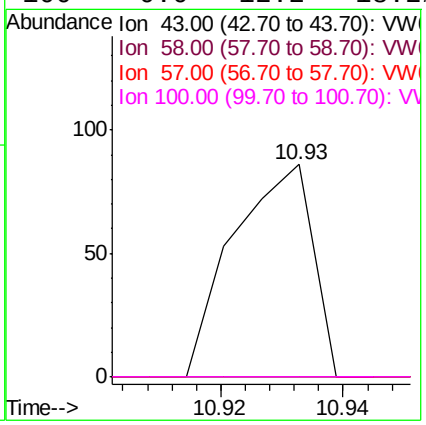


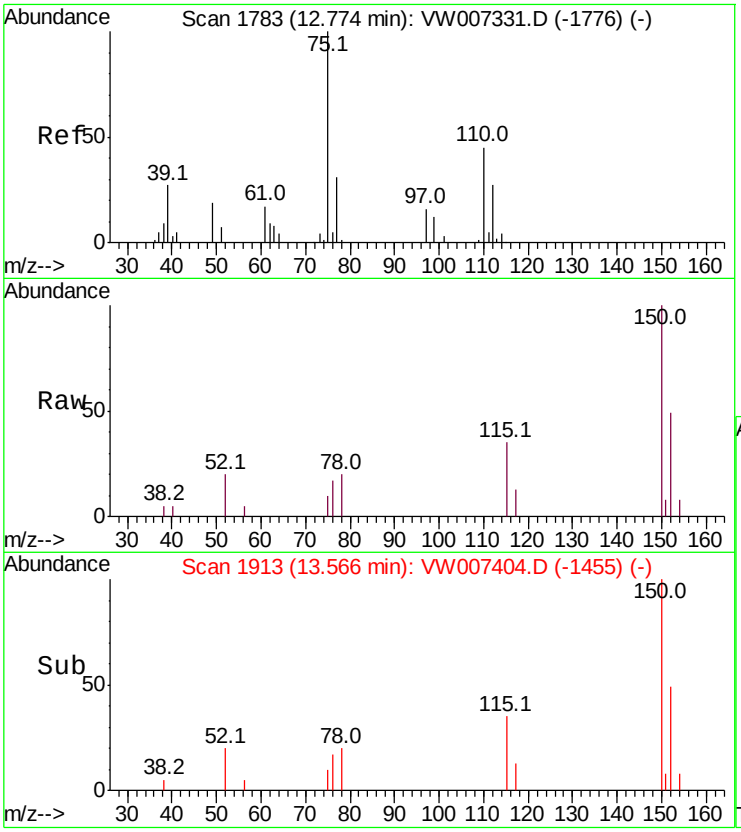


#49
2-Hexanone
Concen: 2.745 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Tgt Ion: 43 Resp: 77

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





#59
1,2,3-Trichloropropane
Concen: 3.632 ug/L
RT: 13.57 min Scan# 1913
Delta R.T. 0.79 min
Lab File: VW007404.D
Acq: 11 Dec 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 148

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.5	39.7#