Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091518\

Quantitation Report (Not Reviewed)

Data File : VW005383.D
Acq On : 14 Sep 2018 13:32
Operator : SY/AP
Sample : J4885-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Time: Sep 14 23:16:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	264083	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265510	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	130020	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	64597	21.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.76%			
7) Chloroethane-d5	2.89	69	50552	23.46	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.84%			
10) 1,1-Dichloroethene-d2	4.03	63	88292	16.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.88%			
20) 2-Butanone-d5	7.09	46	48803	42.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.02%			
24) Chloroform-d	7.65	84	118179	23.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.96%			
26) 1,2-Dichloroethane-d4	8.31	65	79795	25.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%			
29) Benzene-d6	8.28	84	240355	22.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.20%			
33) 1,2-Dichloropropane-d6	9.28	67	71617	23.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.16%			
37) Toluene-d8	10.33	98	240296	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.00%			
38) trans-1,3-Dichloropropene-	10.59	79	34978	22.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.92%			
39) 2-Hexanone-d5	10.93	63	38016	40.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.26%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	70691	22.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.84%			
61) 1,2-Dichlorobenzene-d4	13.86	152	97568	25.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.02	96	861	0.300	ug/L #	1
13) Acetone	4.15	43	2195	2.037	ug/L	79
16) Methylene chloride	4.92	84	10402	2.074	ug/L	97
21) 2-Butanone	7.15	43	2991	1.811	ug/L #	64
32) Carbon tetrachloride	8.27	117	2390	0.427	ug/L #	25
36) Methylcyclohexane	9.28	83	17268	2.534	ug/L #	17
40) 1,2-Dichloropropane	9.28	63	8715	2.387	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2335	0.433	ug/L #	68

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

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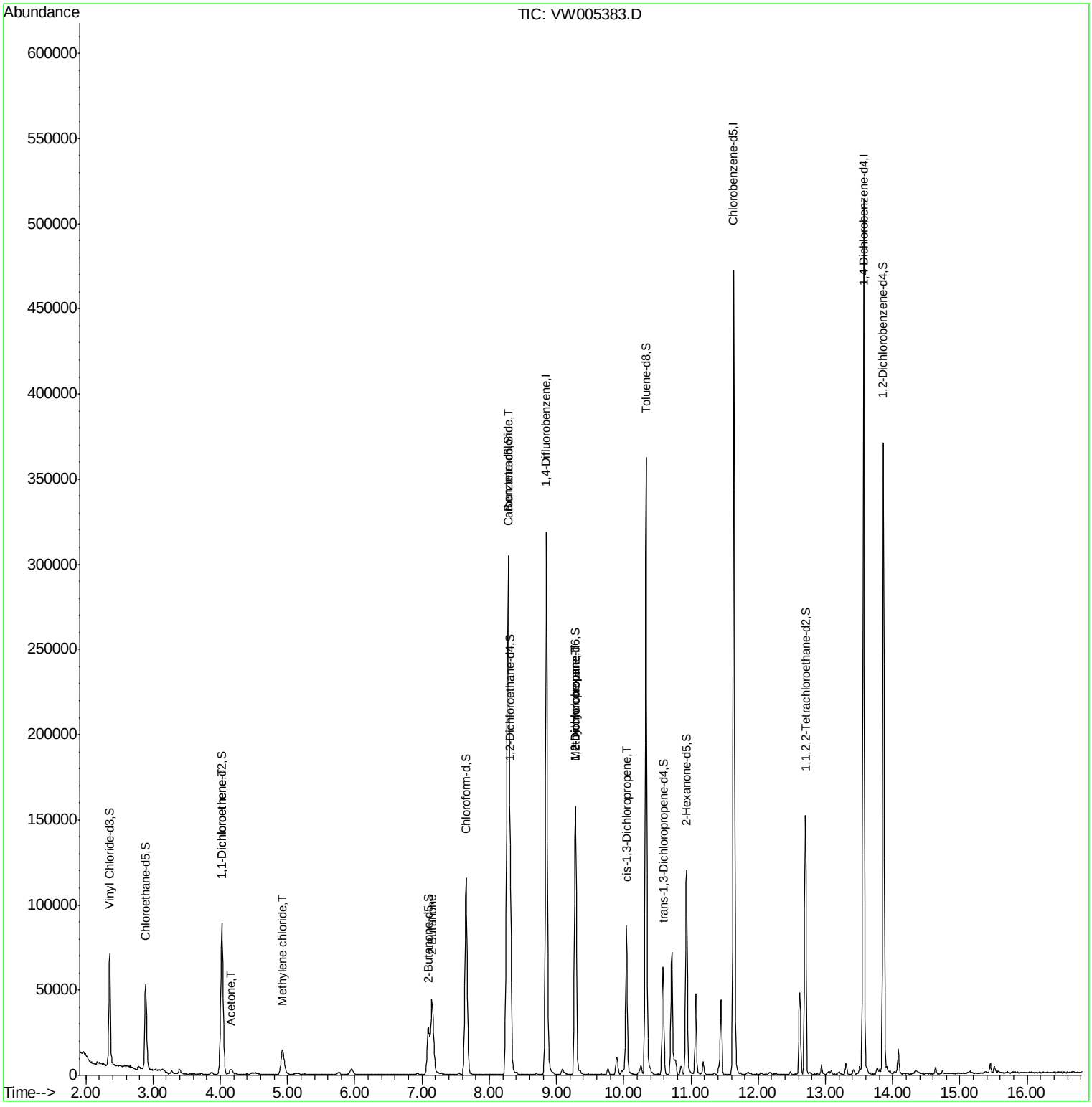
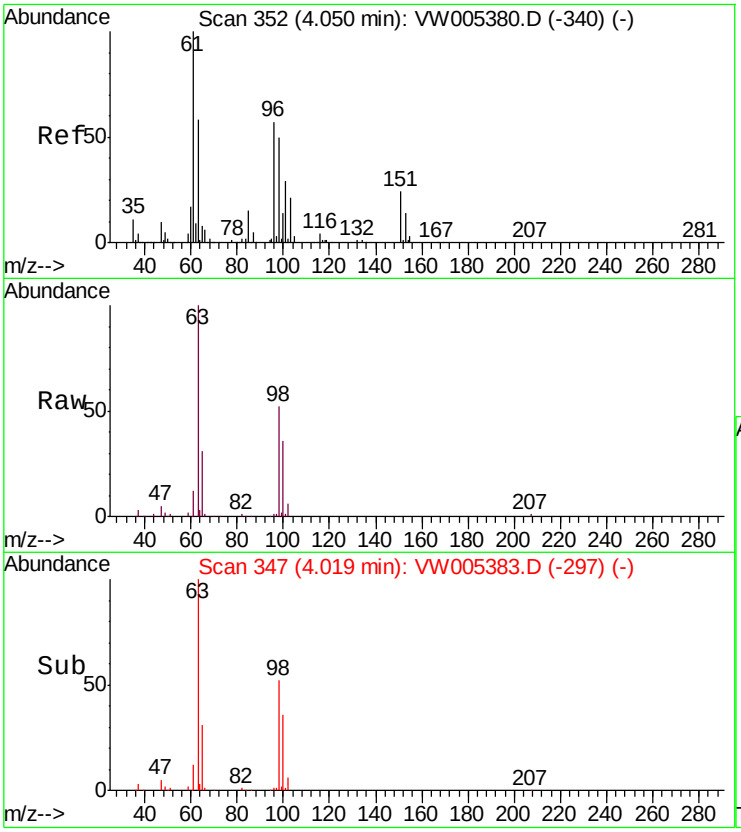
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration



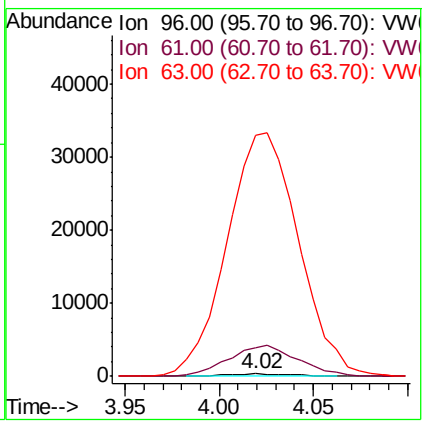


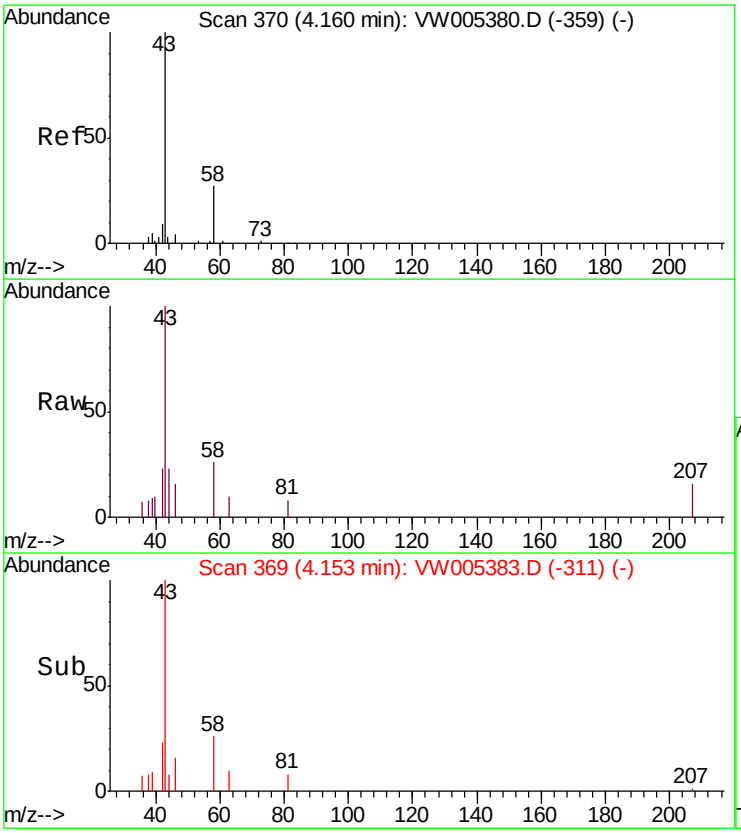
#12
1,1-Dichloroethene
Concen: 0.300 ug/L
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 861

Ion	Ratio	Lower	Upper
96	100		
61	1075.6	123.3	229.1#
63	9156.8	69.4	128.8#

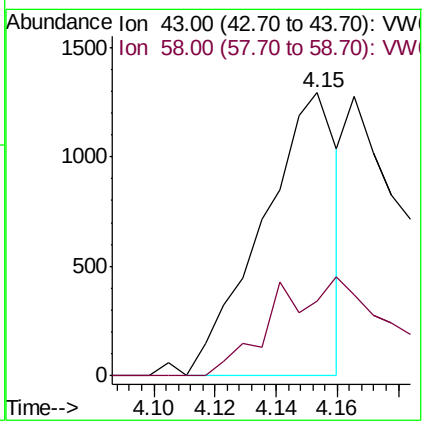


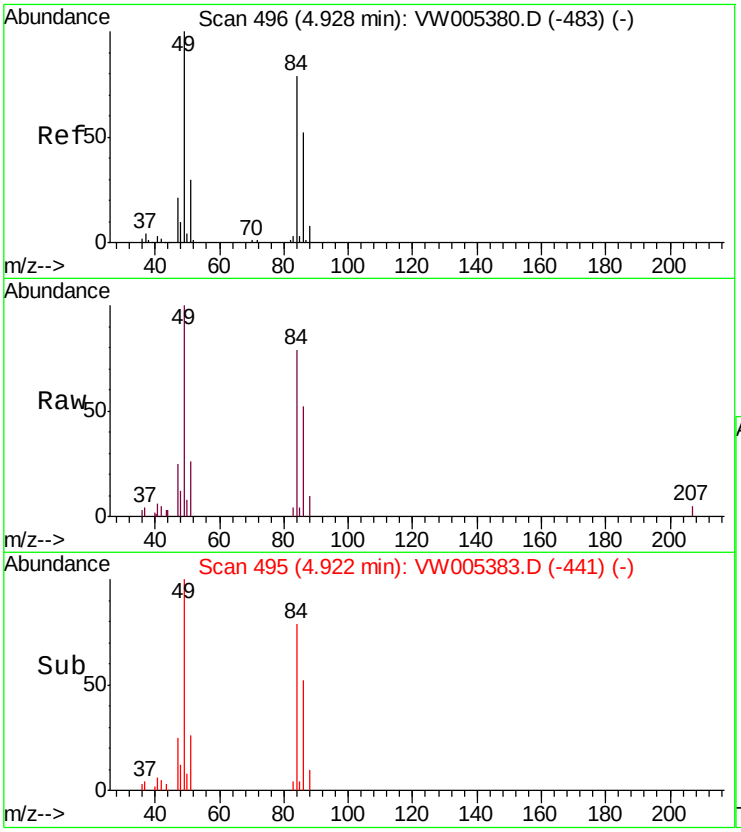


#13
Acetone
Concen: 2.037 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Tgt Ion: 43 Resp: 2195

Ion	Ratio	Lower	Upper
43	100		
58	17.5	0.0	57.6



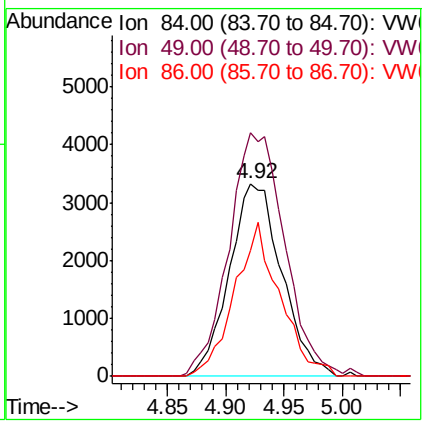


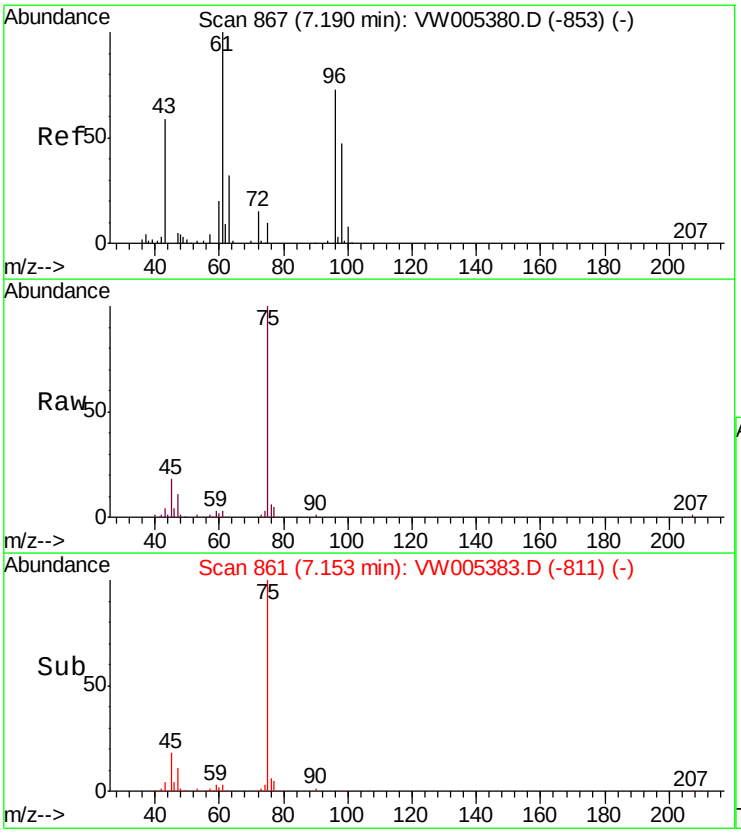
#16
Methylene chloride
Concen: 2.074 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 10402

Ion	Ratio	Lower	Upper
84	100		
49	126.3	90.9	168.7
86	65.1	43.6	81.0

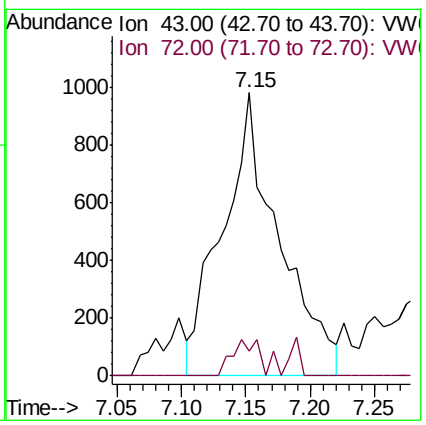


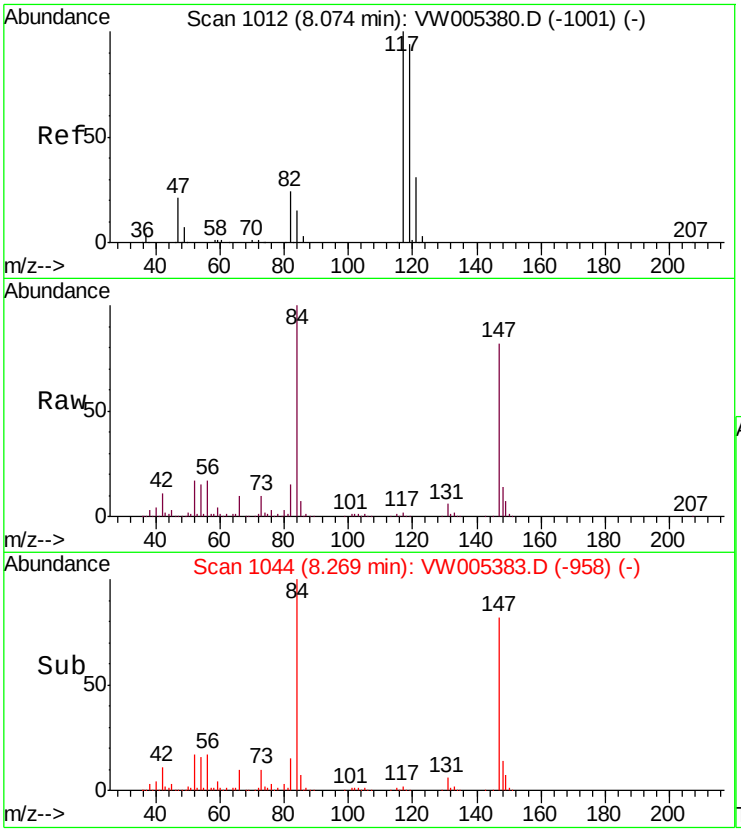


#21
2-Butanone
Concen: 1.811 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Tgt Ion: 43 Resp: 2991

Ion	Ratio	Lower	Upper
43	100		
72	5.8	11.8	35.4#



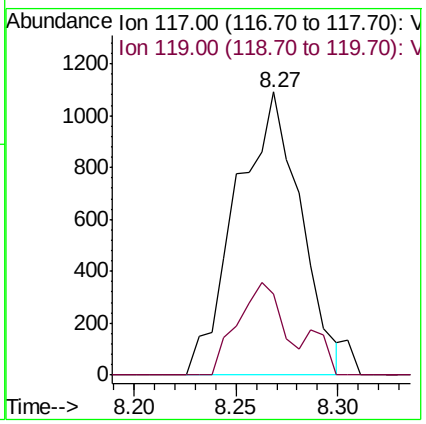


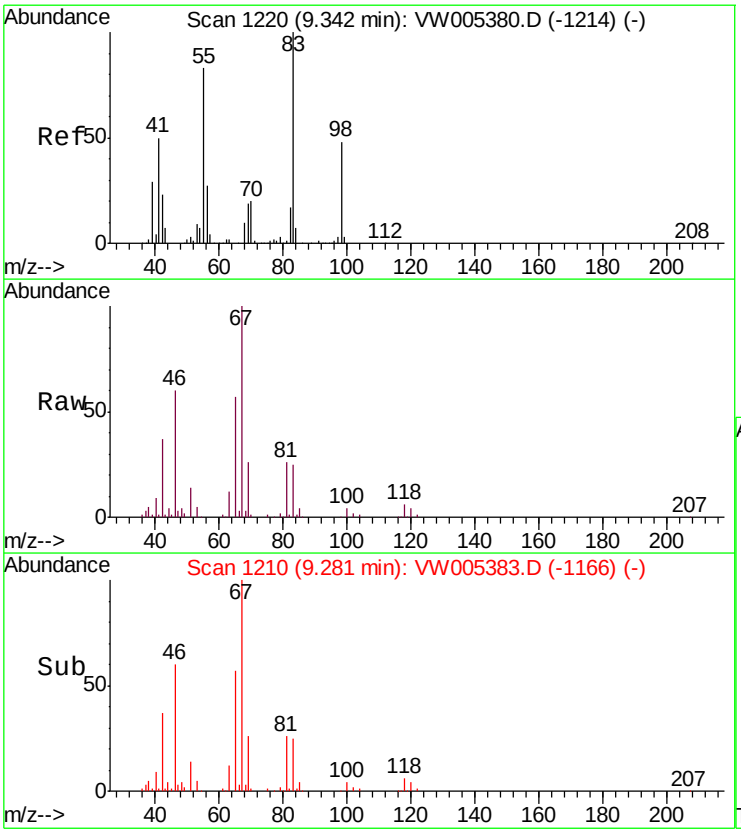
#32
Carbon tetrachloride
Concen: 0.427 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. 0.20 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion:117 Resp: 2390

Ion	Ratio	Lower	Upper
117	100		
119	23.3	77.0	115.6#

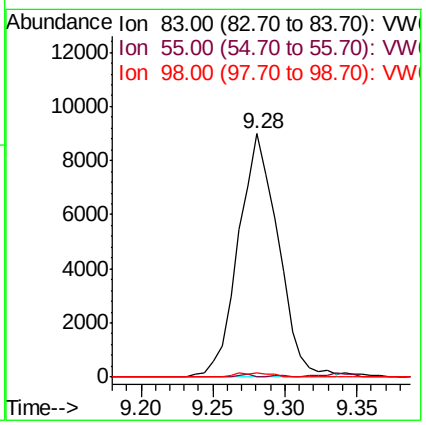


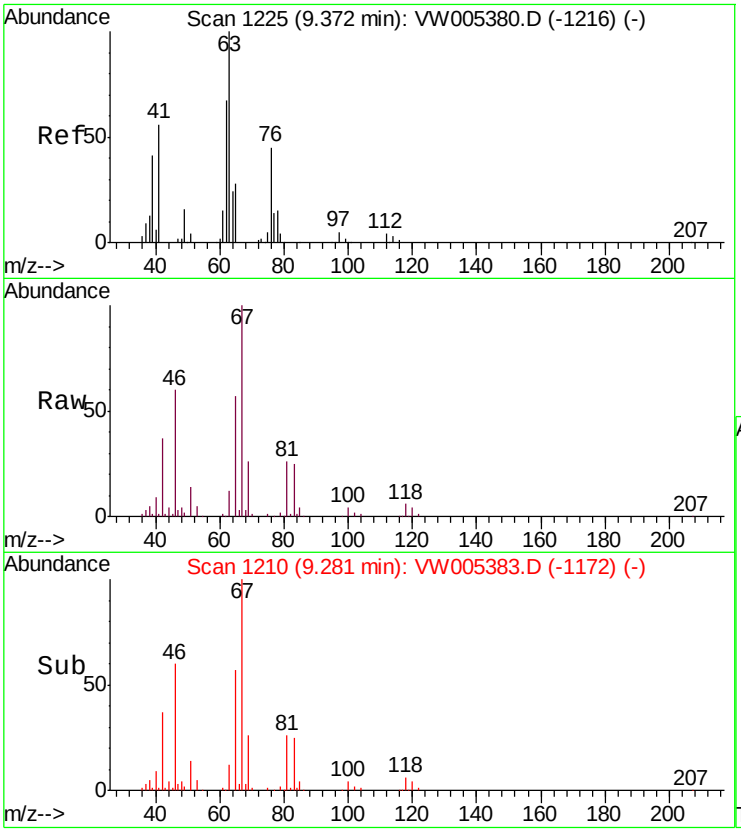


#36
Methylcyclohexane
Concen: 2.534 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Tgt Ion: 83 Resp: 17268

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.4	99.6#
98	1.5	37.3	55.9#



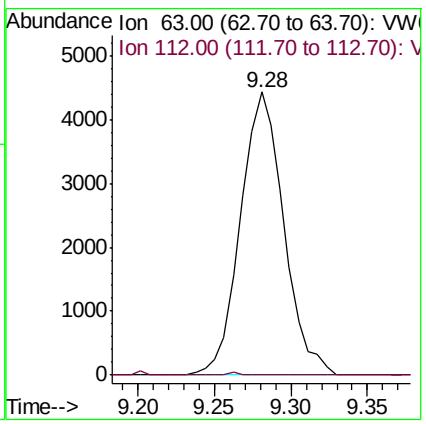


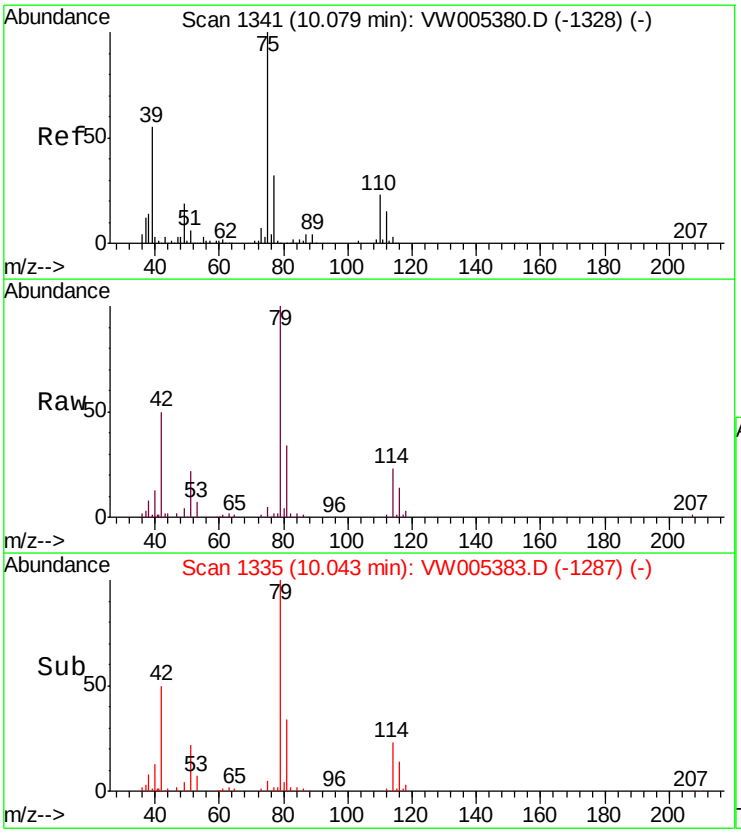
#40
1,2-Dichloropropane
Concen: 2.387 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.10 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 63 Resp: 8715

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#42
cis-1,3-Dichloropropene
Concen: 0.433 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Tgt Ion: 75 Resp: 2335

Ion	Ratio	Lower	Upper
75	100		
77	49.7	22.3	41.3#