Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032519\
Data File : VW009424.D
Acq On : 25 Mar 2019 13:23
Operator : SY/VA
Sample : K1988-07
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0B8

Quant Time: Mar 26 08:40:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	425508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388951	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149730	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	98959	19.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.84%			
7) Chloroethane-d5	2.89	69	112522	18.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.64%			
10) 1,1-Dichloroethene-d2	4.01	63	167617	15.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.00%			
20) 2-Butanone-d5	7.07	46	75891	36.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.18%			
24) Chloroform-d	7.65	84	263180	22.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.64%			
26) 1,2-Dichloroethane-d4	8.30	65	162110	23.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.68%			
29) Benzene-d6	8.27	84	463949	21.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.52%			
33) 1,2-Dichloropropane-d6	9.27	67	151174	23.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.84%			
37) Toluene-d8	10.32	98	398980	20.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.48%			
38) trans-1,3-Dichloropropene-	10.57	79	63792	19.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.88%			
39) 2-Hexanone-d5	10.93	63	58504	37.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.98%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143003	22.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	129665	22.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.32%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	17787	2.867	ug/L	94
35) Trichloroethene	9.09	95	3059	0.539	ug/L	95
44) Toluene	10.39	91	18693	0.803	ug/L	99
47) Tetrachloroethene	10.87	164	2245	0.468	ug/L #	65

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

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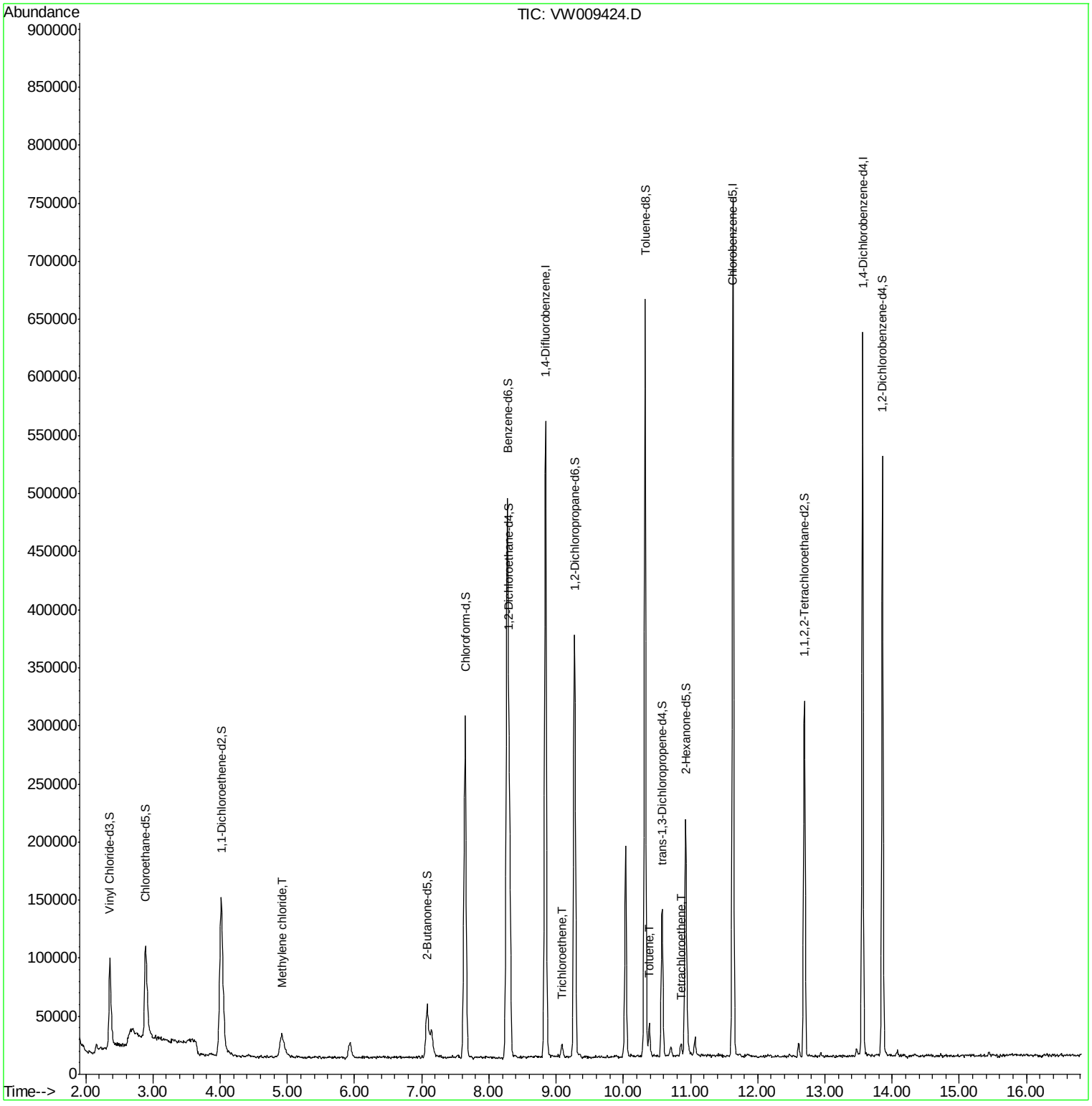
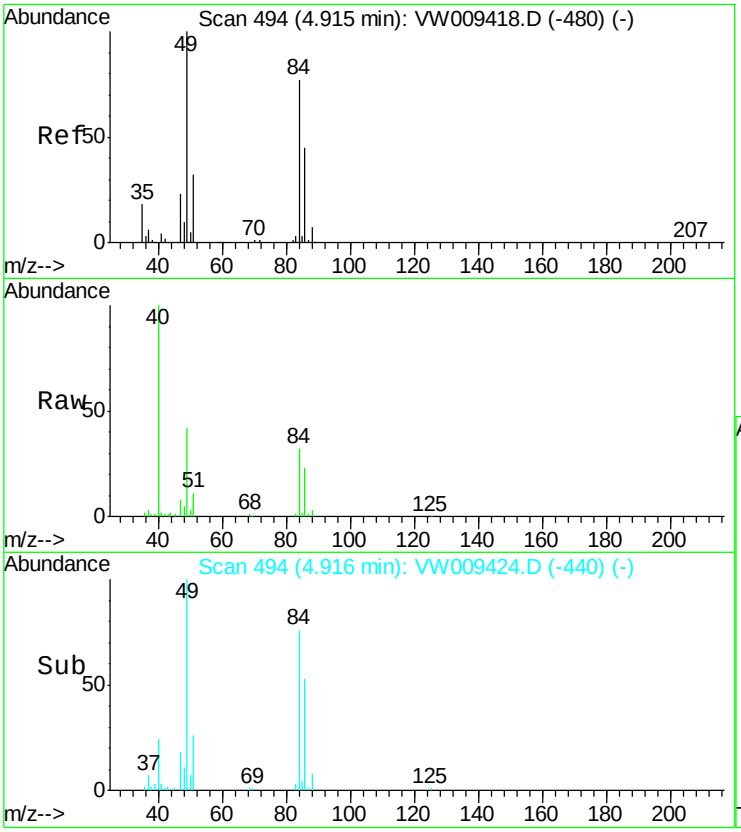


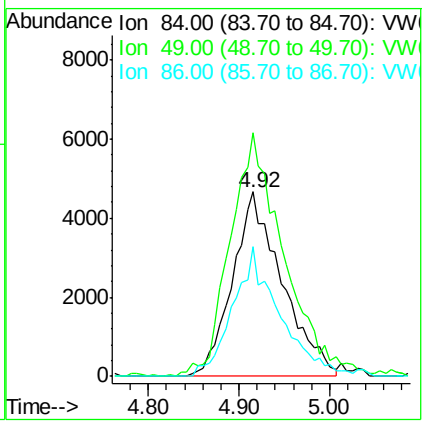


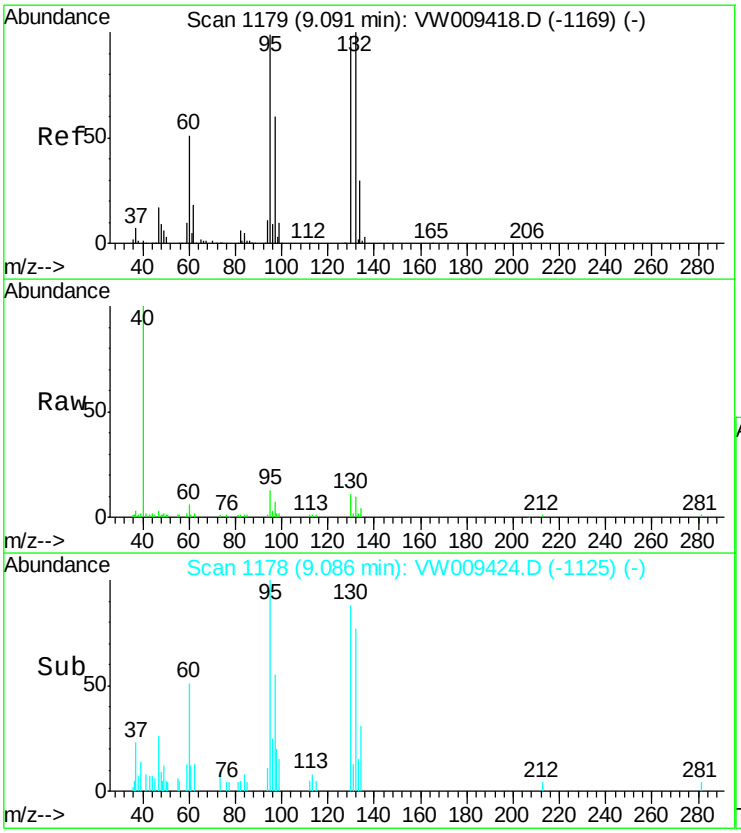
#16
Methylene chloride
Concen: 2.867 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009424.D
Acq: 25 Mar 2019 13:23

Instrument : MSVOA_W
ClientSampleId : BF0B8

Tgt Ion: 84 Resp: 17787

Ion	Ratio	Lower	Upper
84	100		
49	132.2	96.0	178.2
86	70.4	44.4	82.5

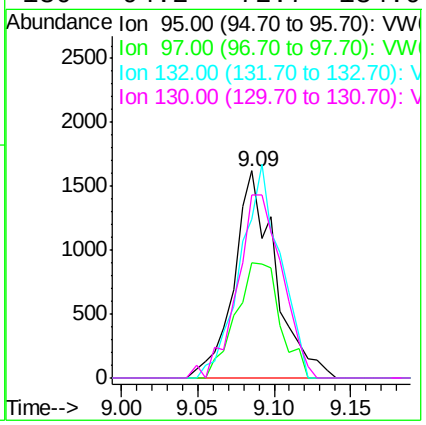


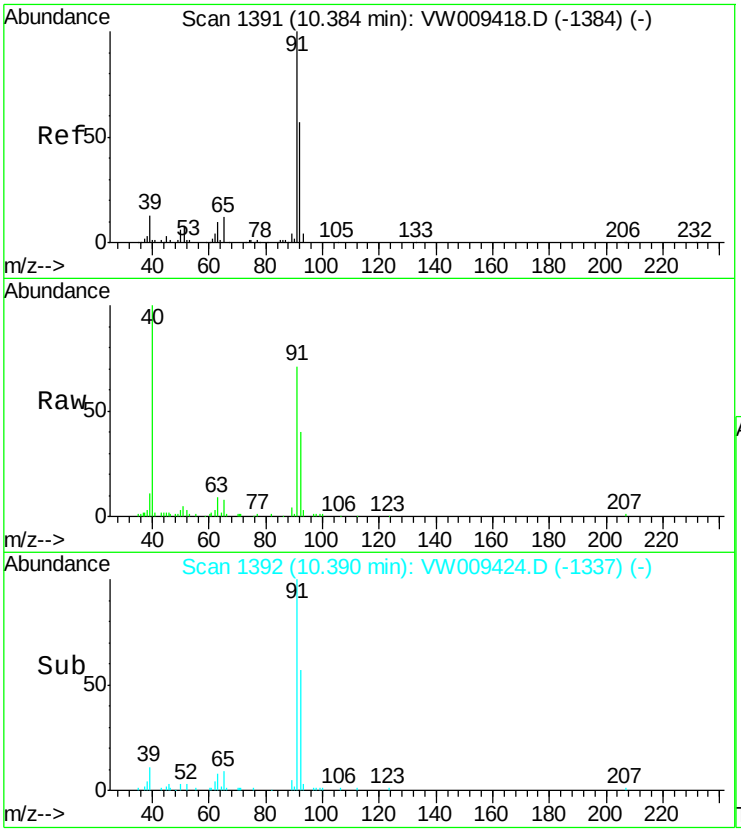


#35
Trichloroethene
Concen: 0.539 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009424.D
Acq: 25 Mar 2019 13:23

Tgt Ion: 95 Resp: 3059

Ion	Ratio	Lower	Upper
95	100		
97	59.2	44.7	82.9
132	99.0	69.0	128.2
130	94.2	72.7	134.9



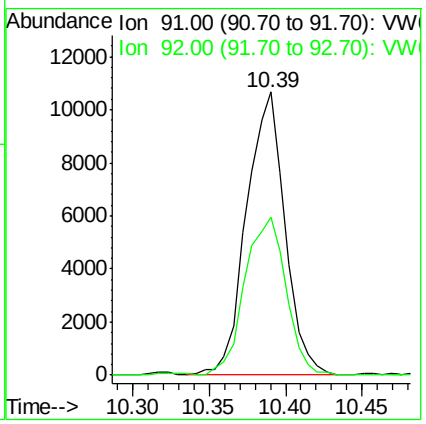


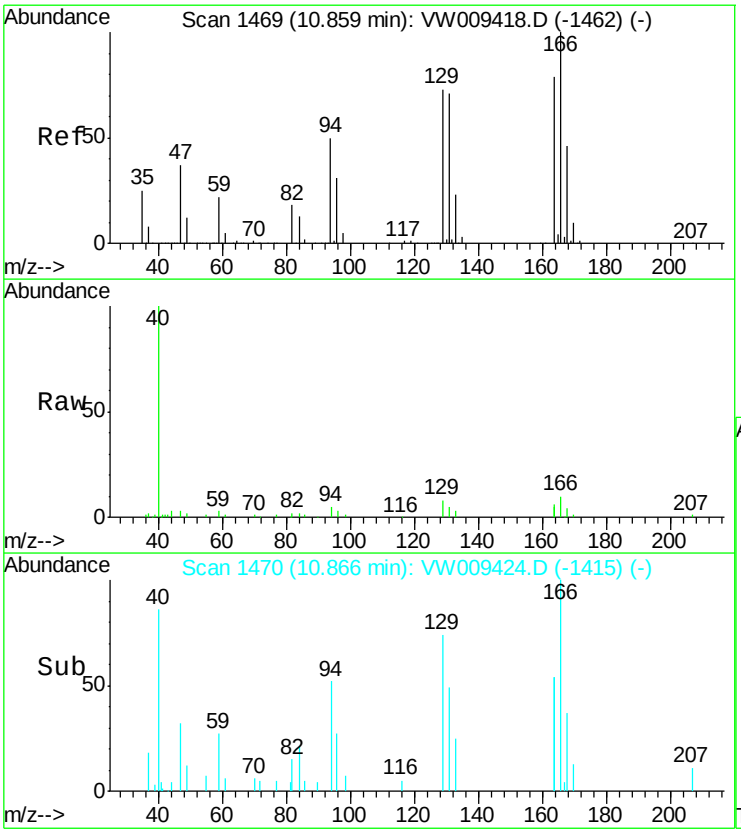
#44
Toluene
Concen: 0.803 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009424.D
Acq: 25 Mar 2019 13:23

Instrument : MSVOA_W
ClientSampleId : BF0B8

Tgt Ion: 91 Resp: 18693

Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.8	73.8





#47
Tetrachloroethene
Concen: 0.468 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009424.D
Acq: 25 Mar 2019 13:23

Tgt Ion:164 Resp: 2245

Ion	Ratio	Lower	Upper
164	100		
129	68.1	66.5	123.5
131	45.8	62.6	116.3#
166	92.6	91.6	170.0