Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
Data File : VW018917.D
Acq On : 04 May 2021 14:41
Operator : SY/VA
Sample : M2209-06
Misc : 5.36G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG7E5

Quant Time: May 05 00:06:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 05 00:05:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	626138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	531425	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	231440	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	185511	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.36%			
7) Chloroethane-d5	2.892	69	146602	23.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.24%			
11) 1,1-Dichloroethene-d2	4.019	63	282810	17.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.92%			
21) 2-Butanone-d5	7.086	46	79462	37.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.96%			
24) Chloroform-d	7.647	84	395717	24.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.32%			
26) 1,2-Dichloroethane-d4	8.305	65	214677	23.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%			
32) Benzene-d6	8.275	84	790032	26.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.24%			
36) 1,2-Dichloropropane-d6	9.275	67	230610	25.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.56%			
41) Toluene-d8	10.323	98	723160	25.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.28%			
43) trans-1,3-Dichloroprop...	10.579	79	87935	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.88%			
47) 2-Hexanone-d5	10.927	63	67032	42.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.06%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	161612	21.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.64%			
66) 1,2-Dichlorobenzene-d4	13.853	152	200427	25.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.08%			
Target Compounds						Qvalue
13) Acetone	4.141	43	12226	7.63	ug/L	90
16) Methylene chloride	4.928	84	40739	3.94	ug/L	94
42) Toluene	10.390	91	12147	0.35	ug/L	90
46) Tetrachloroethene	10.866	164	14262	2.23	ug/L	94

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

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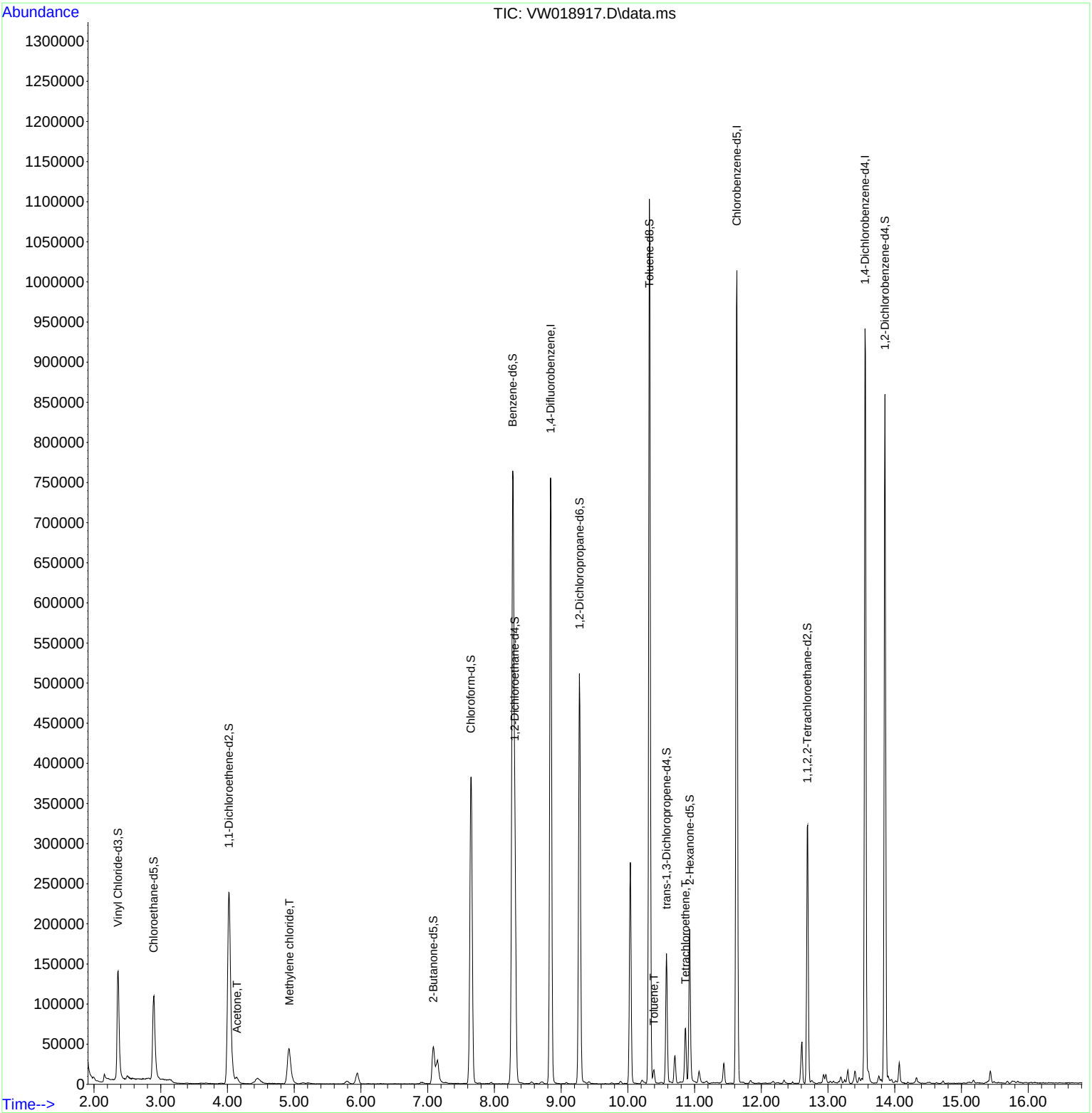
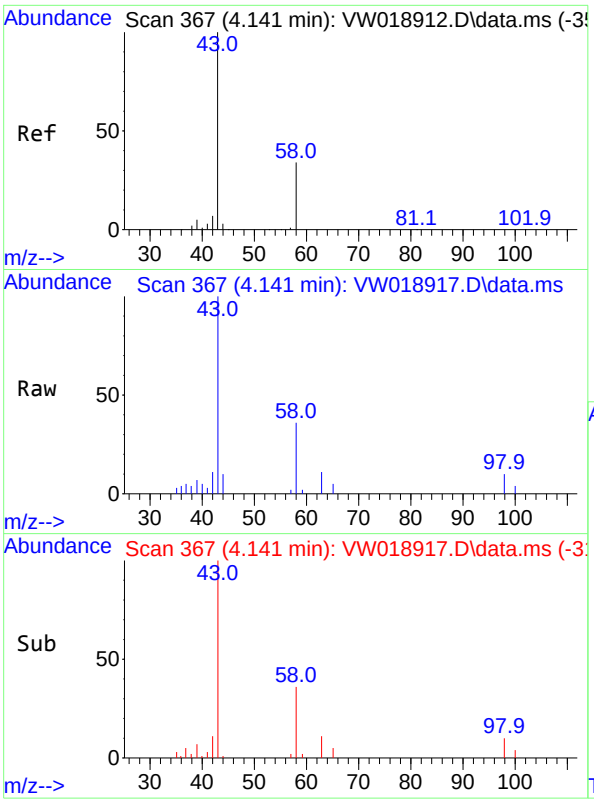


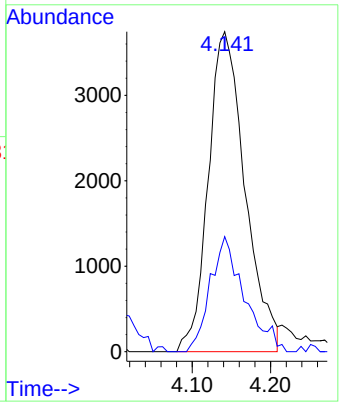
Instrument :
MSVOA_W
ClientSampleId :
BG7E5

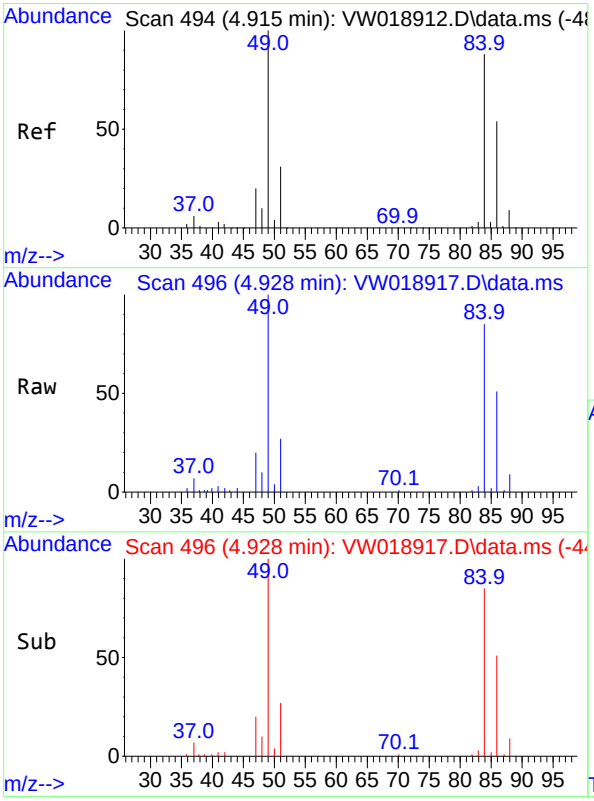


#13
Acetone
Concen: 7.63 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion: 43 Resp: 12226

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	53.8

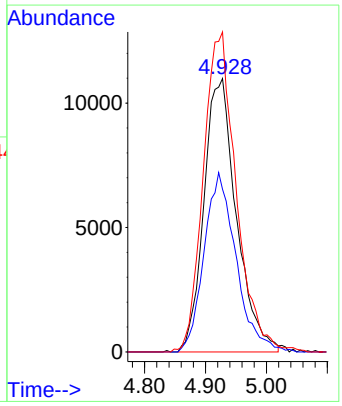




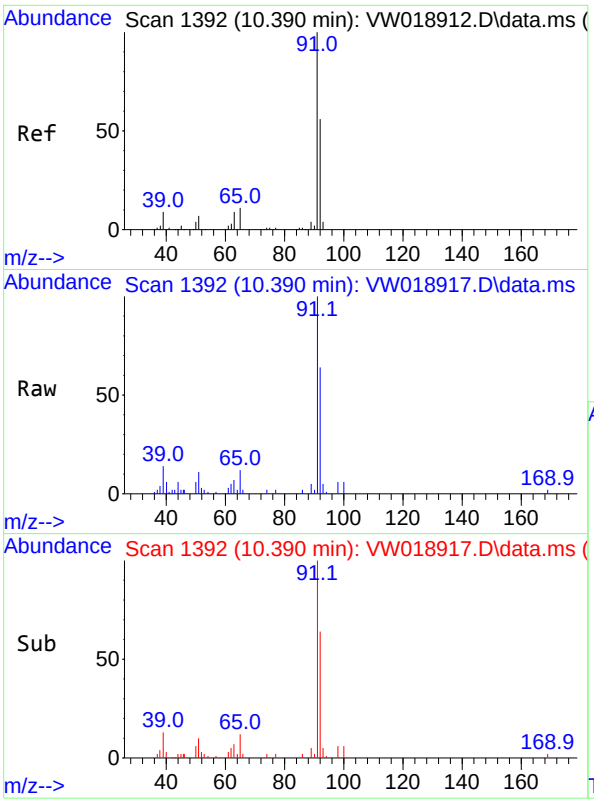
#16
Methylene chloride
Concen: 3.94 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.013 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion: 84 Resp: 40739

Ion	Ratio	Lower	Upper
84	100		
86	59.5	45.3	84.1
49	117.0	86.6	160.8



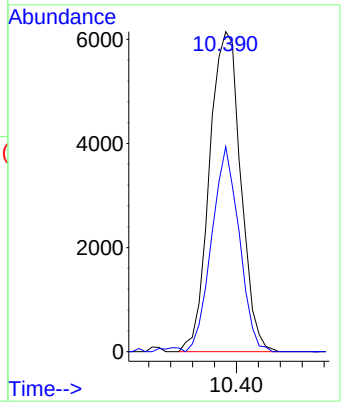
Instrument :
MSVOA_W
ClientSampleId :
BG7E5

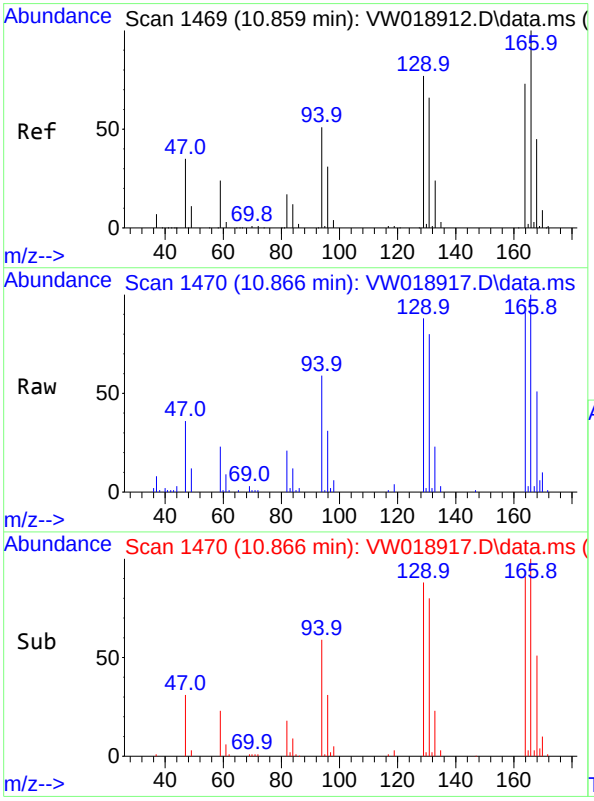


#42
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion: 91 Resp: 12147

Ion	Ratio	Lower	Upper
91	100		
92	64.1	39.5	73.3





#46
Tetrachloroethene
Concen: 2.23 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018917.D
Acq: 04 May 2021 14:41

Tgt Ion:164 Resp: 14262

Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.7	123.9
131	87.9	61.1	113.5
166	110.2	87.0	161.6