Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
Data File : VW018050.D
Acq On : 08 Feb 2021 13:24
Operator : SY/VA
Sample : M1330-13
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG541

Quant Time: Feb 09 03:25:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 09 03:23:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	493351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	435721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211281	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112365	18.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.32%			
7) Chloroethane-d5	2.891	69	91563	18.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.28%			
10) 1,1-Dichloroethene-d2	4.025	63	177163	14.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.80%			
20) 2-Butanone-d5	7.073	46	52257	31.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.88%			
24) Chloroform-d	7.646	84	265162	20.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.92%			
26) 1,2-Dichloroethane-d4	8.305	65	131382	19.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.20%			
29) Benzene-d6	8.274	84	531067	22.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.80%			
33) 1,2-Dichloropropane-d6	9.274	67	147396	22.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.12%			
37) Toluene-d8	10.323	98	506826	22.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.04%			
38) trans-1,3-Dichloroprop...	10.579	79	60719	20.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.08%			
39) 2-Hexanone-d5	10.926	63	43262	33.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.64%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	107759	18.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	168412	22.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.36%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	15306	2.26	ug/L #	81
13) Acetone	4.123	43	4043	3.34	ug/L	67
14) Carbon disulfide	4.391	76	6108	0.32	ug/L #	95
16) Methylene chloride	4.927	84	8249	1.04	ug/L	88

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

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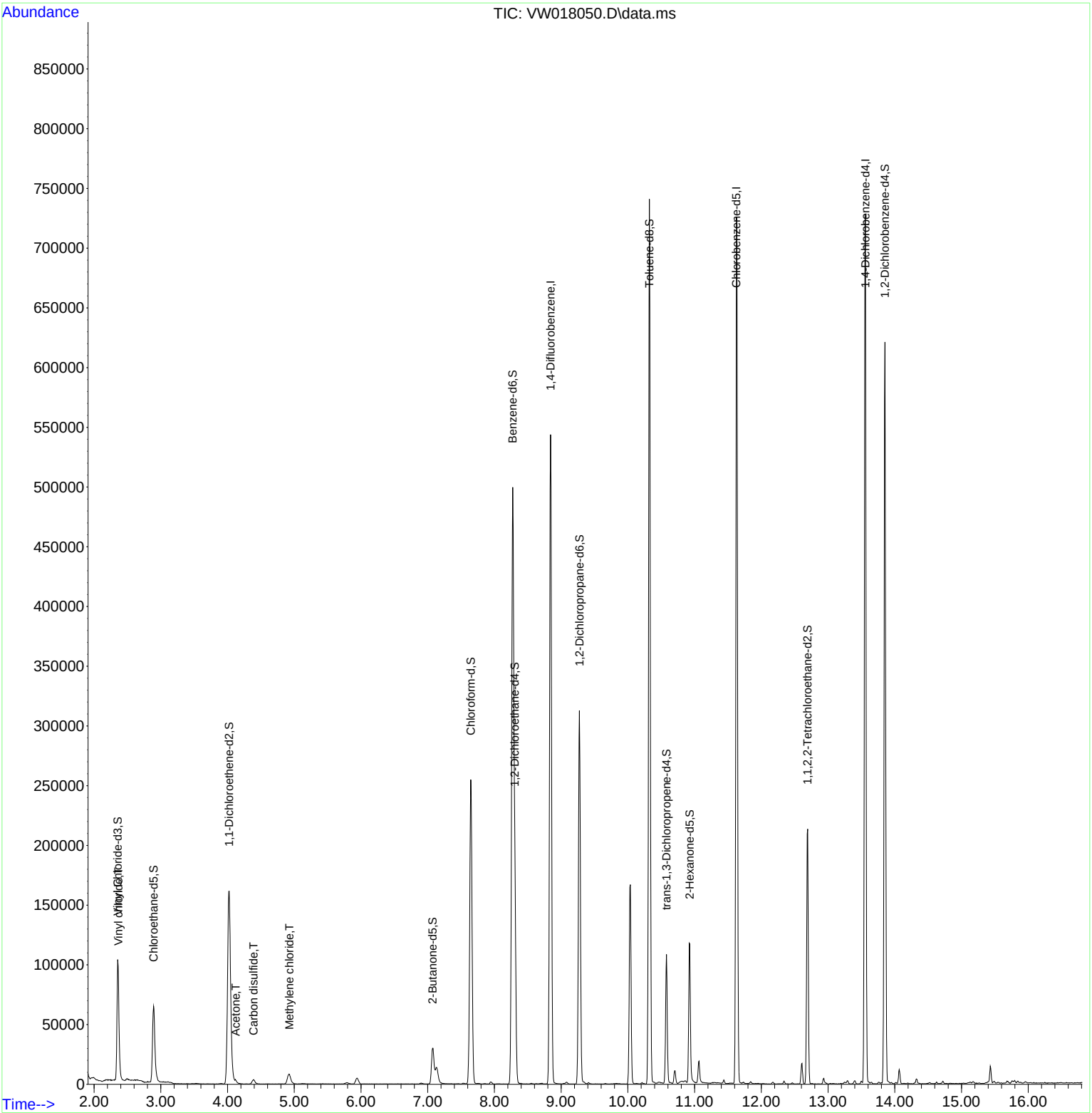

Instrument :
MSVOA_W
ClientSampleId :
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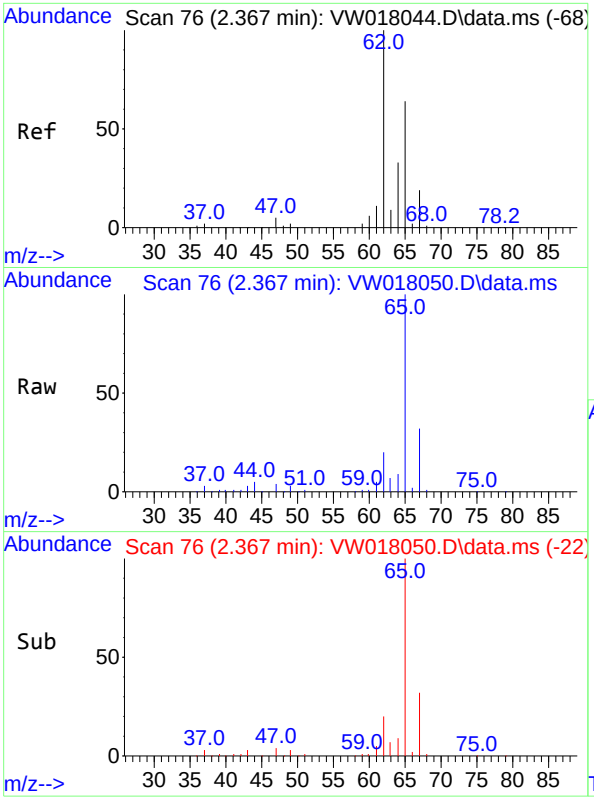
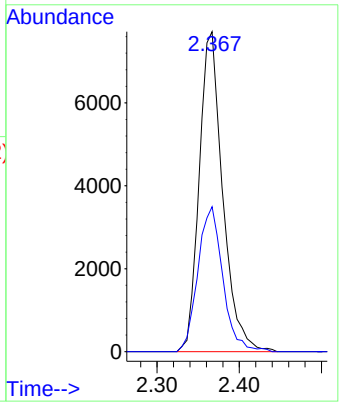
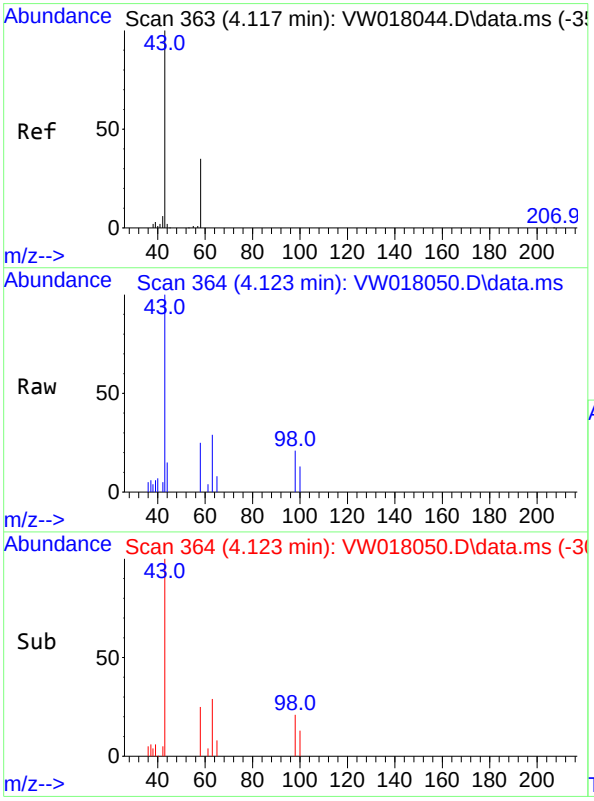


#5
Vinyl chloride
Concen: 2.26 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 62 Resp: 15306

Ion	Ratio	Lower	Upper
62	100		
64	45.3	23.9	44.5#

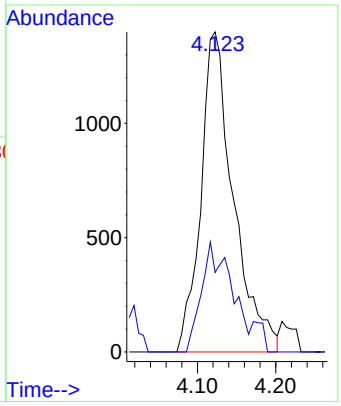


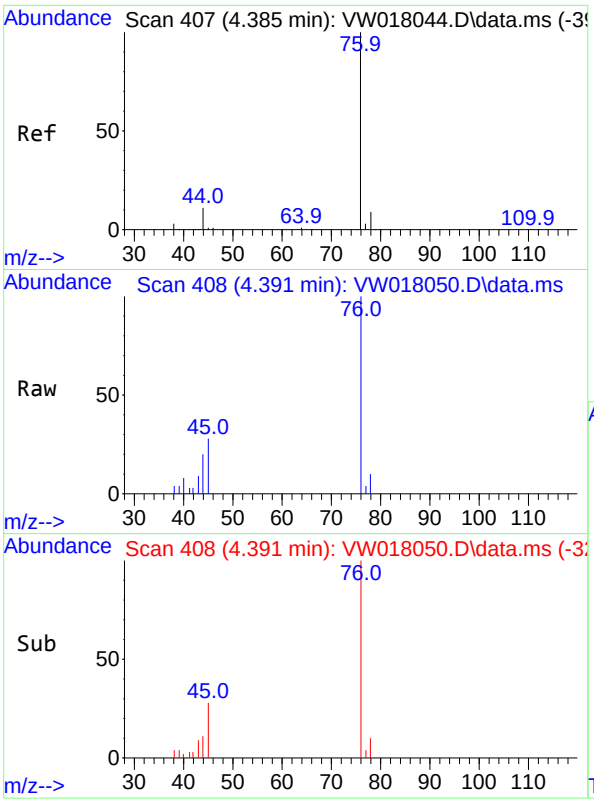


#13
Acetone
Concen: 3.34 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 43 Resp: 4043

Ion	Ratio	Lower	Upper
43	100		
58	15.2	0.0	68.4

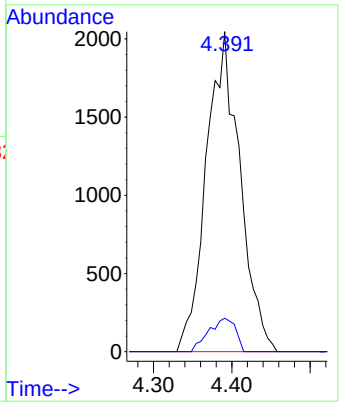




#14
Carbon disulfide
Concen: 0.32 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 76 Resp: 6108

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.0	10.4#



Instrument :
MSVOA_W
ClientSampleId :
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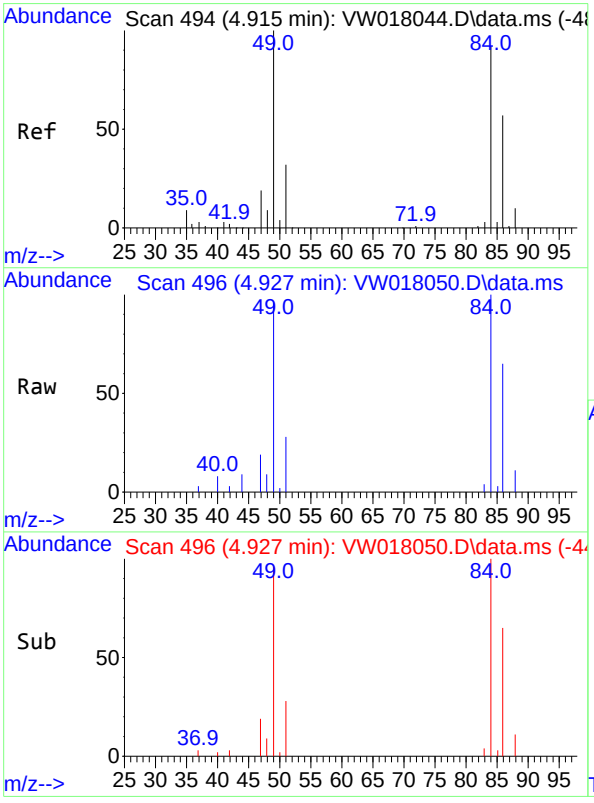

#16
Methylene chloride
Concen: 1.04 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 84 Resp: 8249

Ion	Ratio	Lower	Upper
84	100		
49	95.9	81.2	150.8
86	64.7	44.5	82.7