

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018637.D
 Acq On : 13 Apr 2021 12:53
 Operator : SY/VA
 Sample : M2011-13
 Misc : 5.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG793

Manual Integrations
 APPROVED

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 4/16/2021 11:36:39 AM

Quant Time: Apr 14 01:26:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	422728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	132452	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	161976	27.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	110.12%		
7) Chloroethane-d5	2.891	69	124648	24.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.84%		
10) 1,1-Dichloroethene-d2	4.019	63	177249	17.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.80%		
20) 2-Butanone-d5	7.080	46	70339	53.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.42%		
24) Chloroform-d	7.647	84	260417	24.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.76%		
26) 1,2-Dichloroethane-d4	8.305	65	154352	24.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.24%		
29) Benzene-d6	8.275	84	517573	27.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.60%		
33) 1,2-Dichloropropane-d6	9.274	67	148525	27.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.00%		
37) Toluene-d8	10.323	98	467786	25.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.80%		
38) trans-1,3-Dichloroprop...	10.579	79	57441	20.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.48%		
39) 2-Hexanone-d5	10.927	63	53302	50.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.88%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	122552	25.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	111383	23.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.60%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	24056	25.57	ug/L	100
16) Methylene chloride	4.909	84	9260m	1.34	ug/L	
21) 2-Butanone	7.183	43	6128m	4.10	ug/L	
43) 4-Methyl-2-pentanone	10.207	43	3944	1.31	ug/L #	84
44) Toluene	10.384	91	8740	0.38	ug/L	78

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

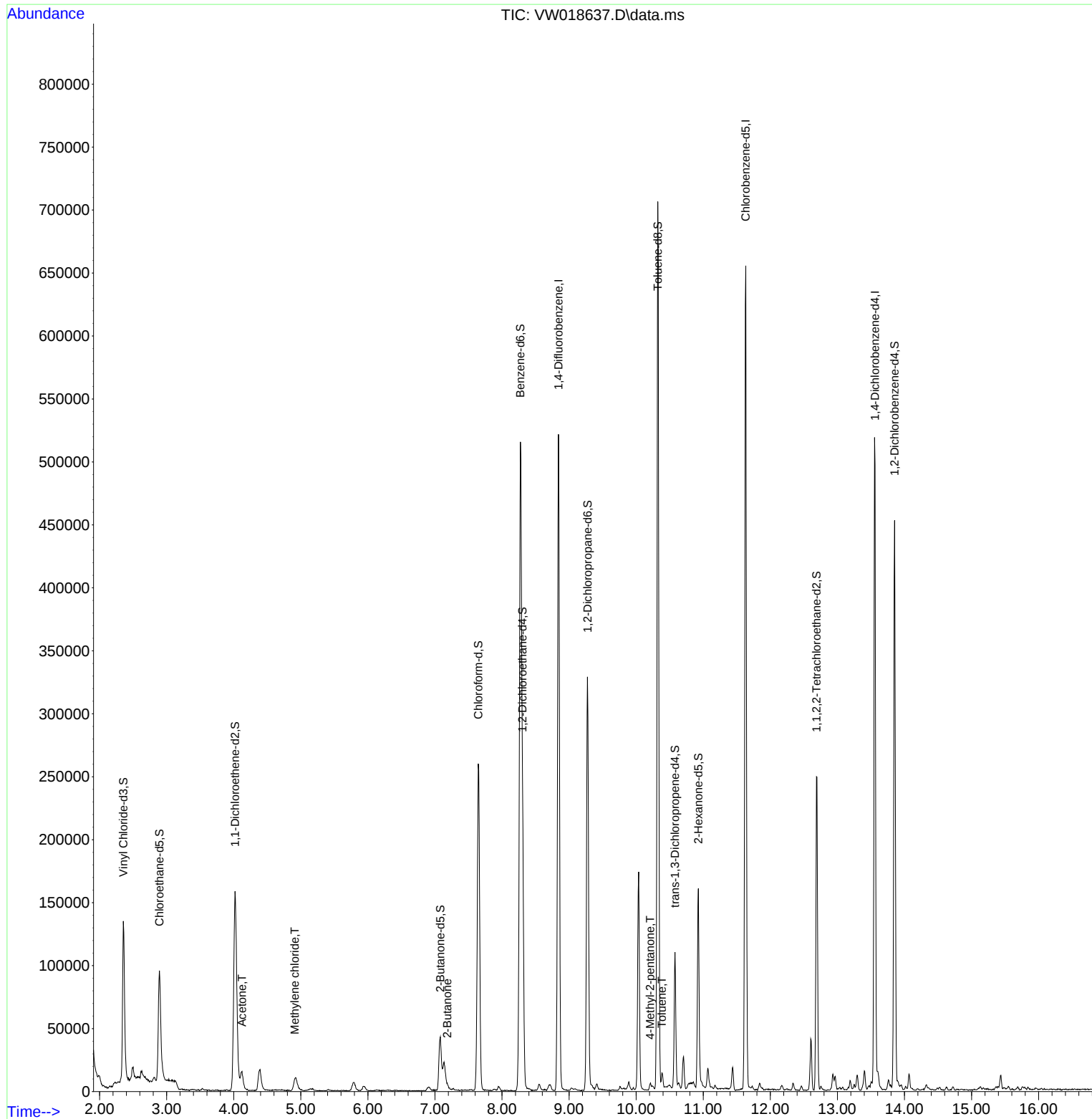
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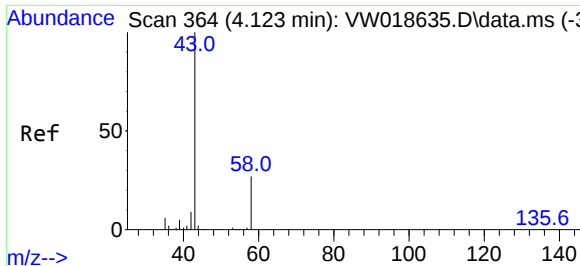
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Quant Title : VOC Analysis
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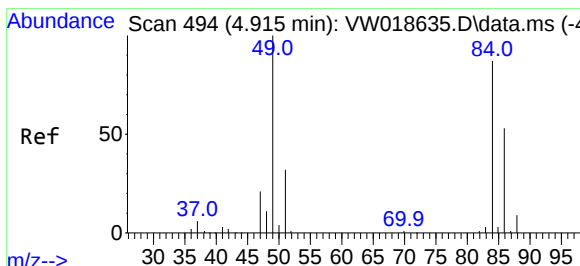
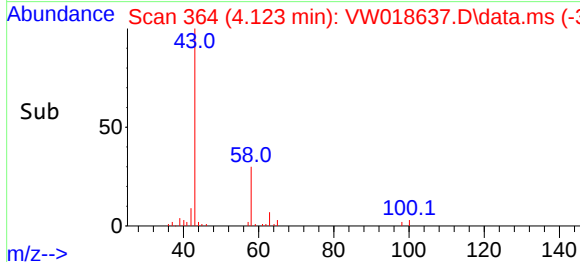
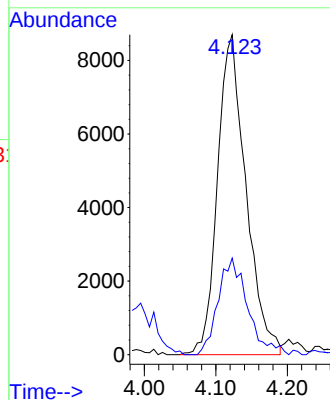
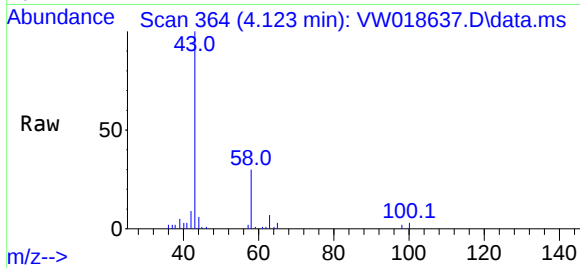
#13
Acetone
Concen: 25.57 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018637.D
Acq: 13 Apr 2021 12:53

Tgt Ion: 43 Resp: 24056
Ion Ratio Lower Upper
43 100
58 31.2 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
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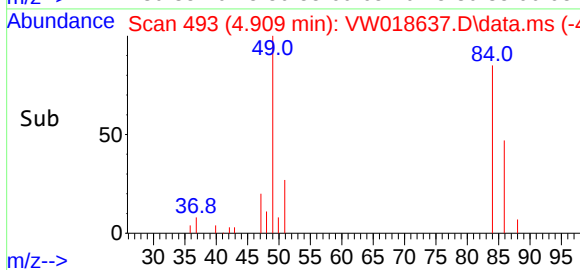
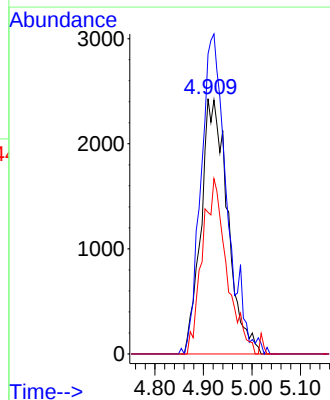
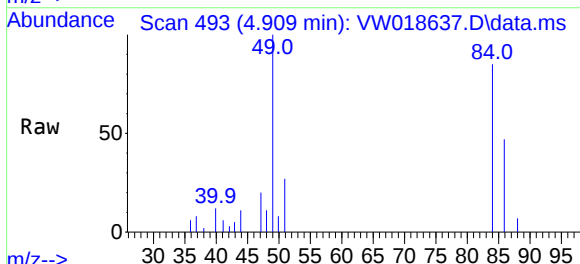
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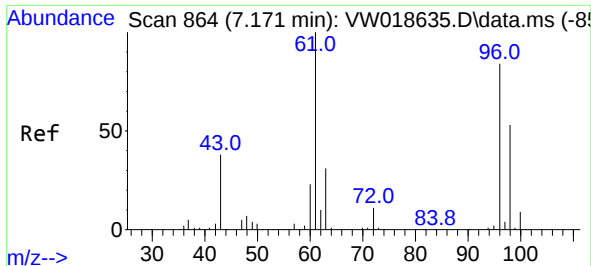
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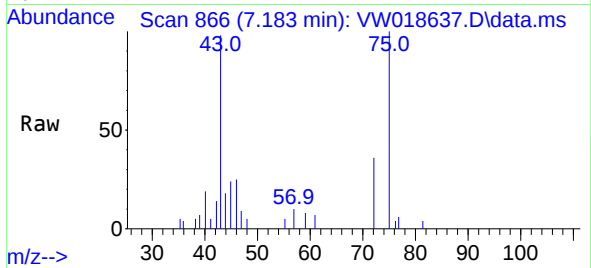
#16
Methylene chloride
Concen: 1.34 ug/L m
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018637.D
Acq: 13 Apr 2021 12:53

Tgt Ion: 84 Resp: 9260
Ion Ratio Lower Upper
84 100
49 117.5 74.4 138.2
86 55.5 46.1 85.7

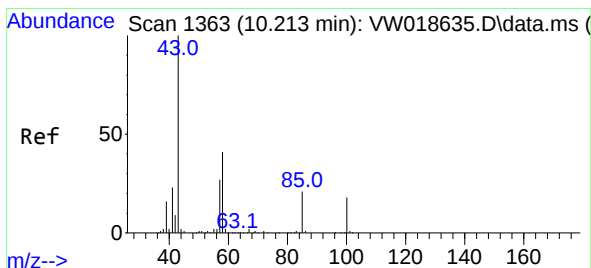
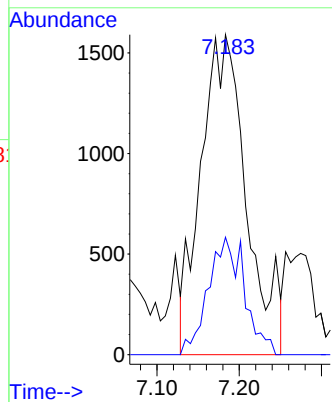
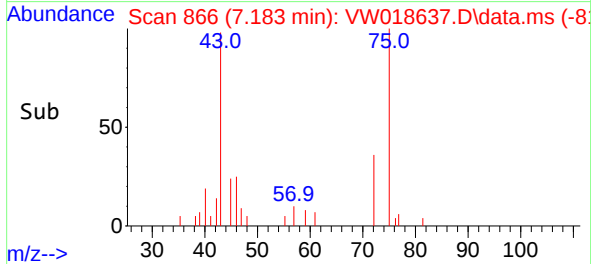




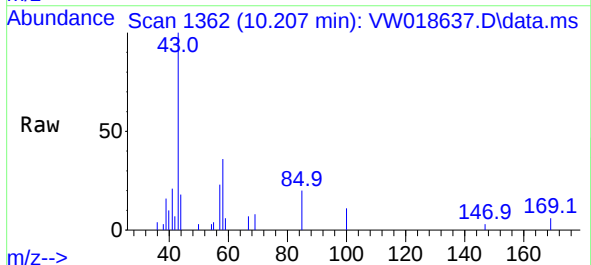
#21
2-Butanone
Concen: 4.10 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018637.D
Acq: 13 Apr 2021 12:53



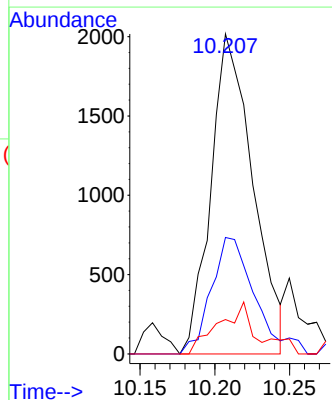
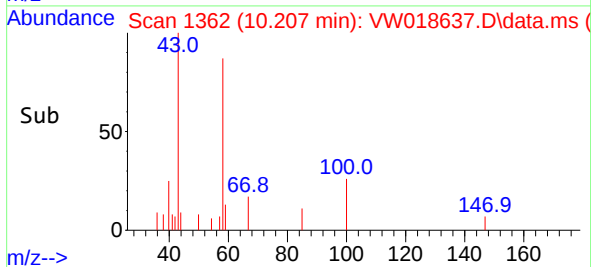
Tgt Ion: 43 Resp: 6128
Ion Ratio Lower Upper
43 100
72 20.9 16.5 49.5



#43
4-Methyl-2-pentanone
Concen: 1.31 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW018637.D
Acq: 13 Apr 2021 12:53



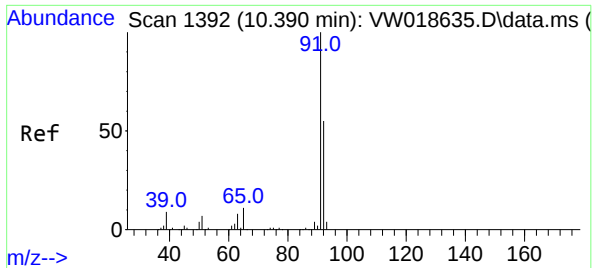
Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
58 36.1 34.8 52.2
100 7.7 15.9 23.9#



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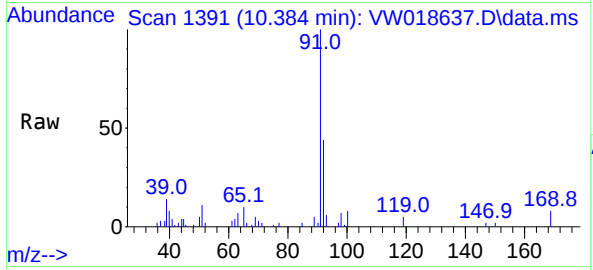
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#44
Toluene
Concen: 0.38 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018637.D
Acq: 13 Apr 2021 12:53

Instrument :
MSVOA_W
ClientSampled :
BG793



Tgt Ion: 91 Resp: 8740
Ion Ratio Lower Upper
91 100
92 43.8 42.3 78.5

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