

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018518.D
 Acq On : 31 Mar 2021 17:35
 Operator : SY/VA
 Sample : M1859-11
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG550

Manual Integrations
 APPROVED

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 4/6/2021 1:04:16 PM

Quant Time: Apr 01 02:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	331618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	128084	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	143673	26.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.24%		
7) Chloroethane-d5	2.891	69	113088	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.60%		
10) 1,1-Dichloroethene-d2	4.019	63	152851	16.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.84%		
20) 2-Butanone-d5	7.080	46	66060	54.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.66%		
24) Chloroform-d	7.653	84	214363	21.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.76%		
26) 1,2-Dichloroethane-d4	8.305	65	138862m	23.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.20%		
29) Benzene-d6	8.275	84	425730	24.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.60%		
33) 1,2-Dichloropropane-d6	9.274	67	124567	24.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.00%		
37) Toluene-d8	10.323	98	396461	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.44%		
38) trans-1,3-Dichloroprop...	10.579	79	50590	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.16%		
39) 2-Hexanone-d5	10.927	63	50926	51.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.34%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109786	24.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	93007	20.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.68%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	16325	18.69	ug/L	70
16) Methylene chloride	4.922	84	14201	2.21	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	85233	11.84	ug/L #	94
27) 1,2-Dichloroethane	8.403	62	1959	0.28	ug/L #	84
44) Toluene	10.390	91	6192	0.28	ug/L	97

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

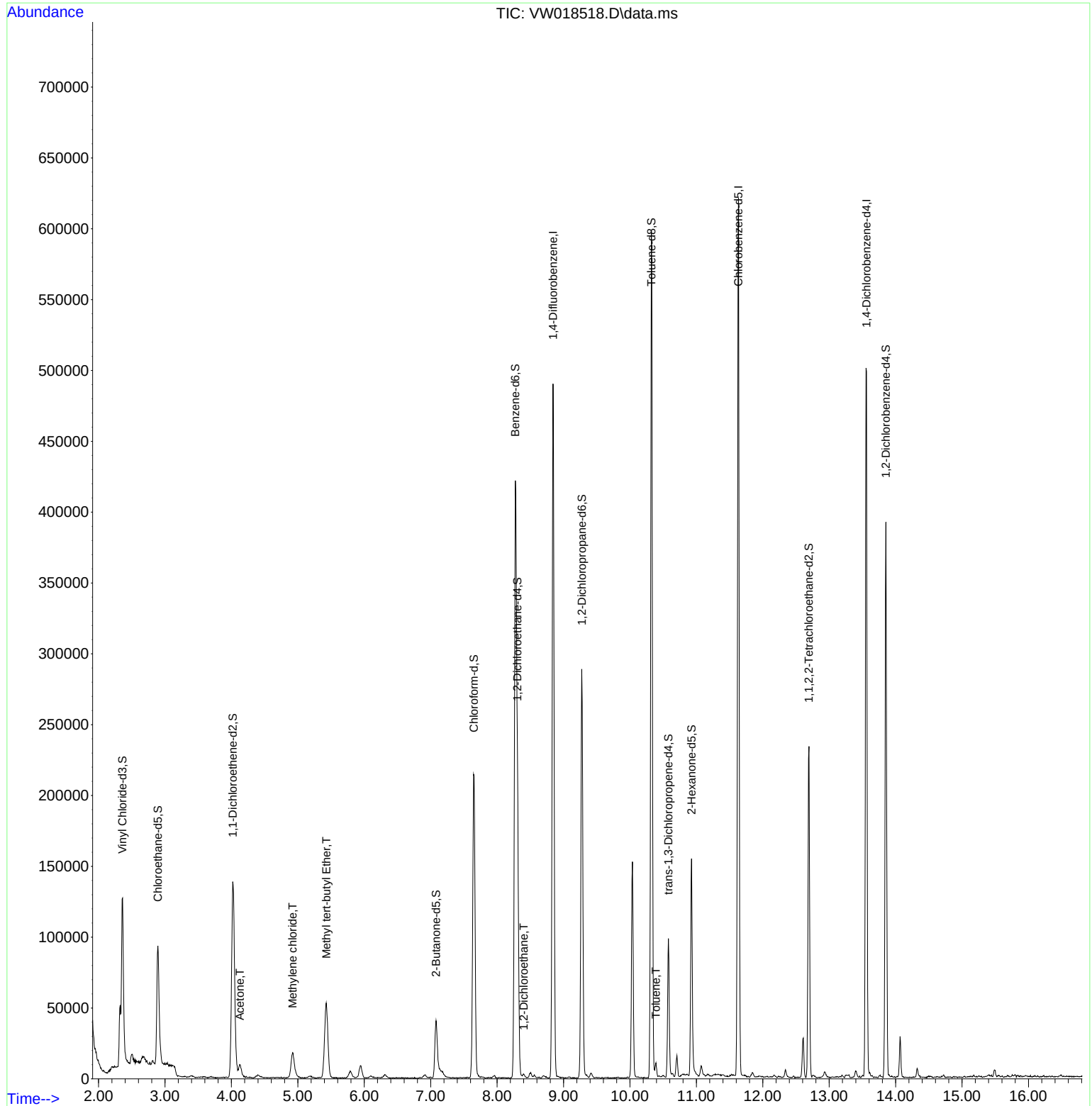
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
Data File : VW018518.D
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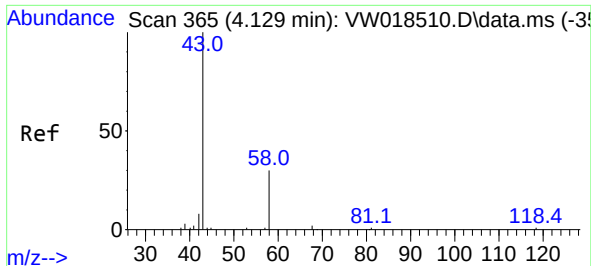
Instrument :
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ClientSampleId :
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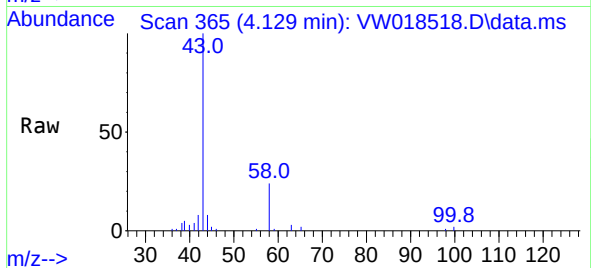
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration





#13
Acetone
Concen: 18.69 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

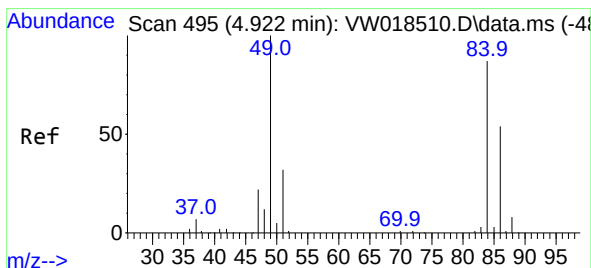
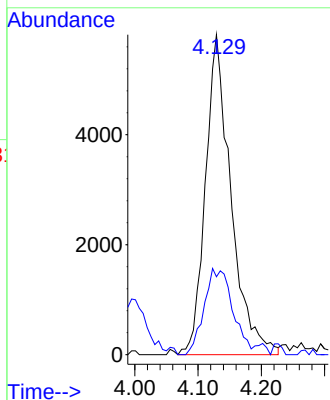
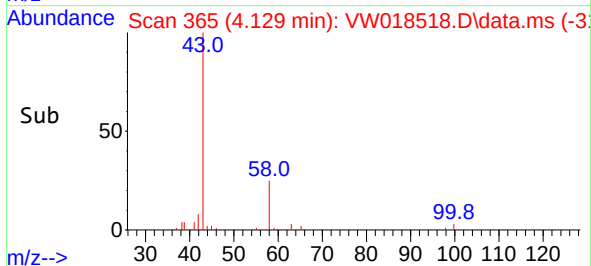
Instrument :
MSVOA_W
ClientSampled :
BG550



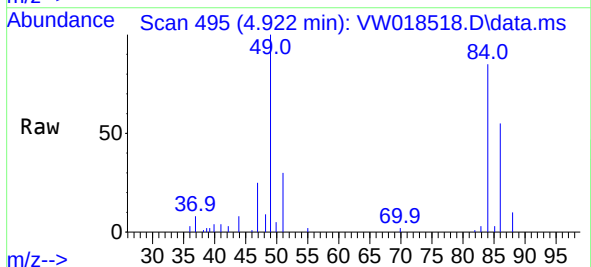
Tgt Ion: 43 Resp: 16325
Ion Ratio Lower Upper
43 100
58 14.5 0.0 62.2

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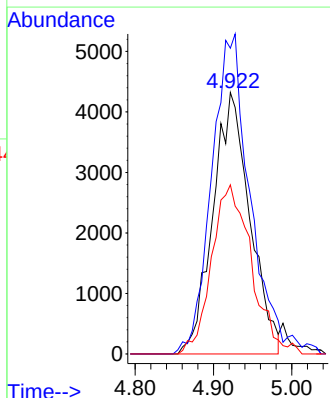
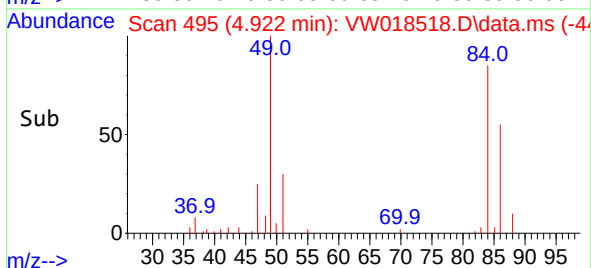
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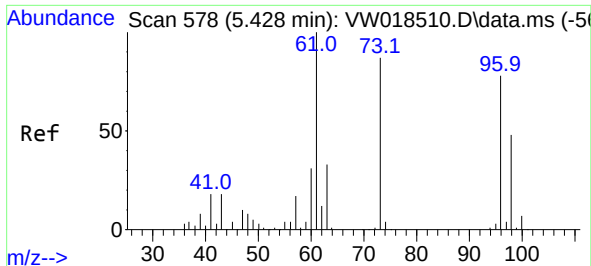


#16
Methylene chloride
Concen: 2.21 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35



Tgt Ion: 84 Resp: 14201
Ion Ratio Lower Upper
84 100
49 117.0 74.4 138.2
86 64.7 46.1 85.7





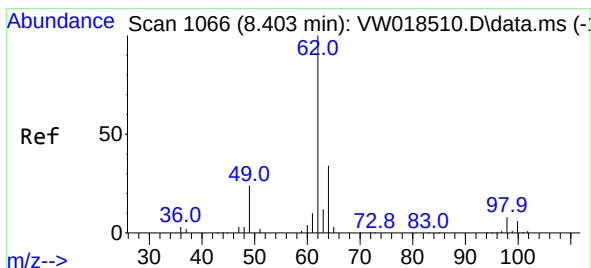
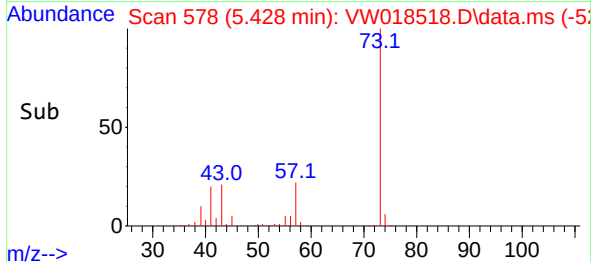
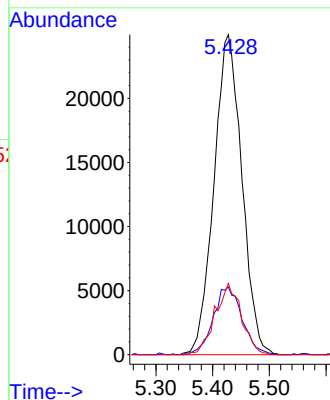
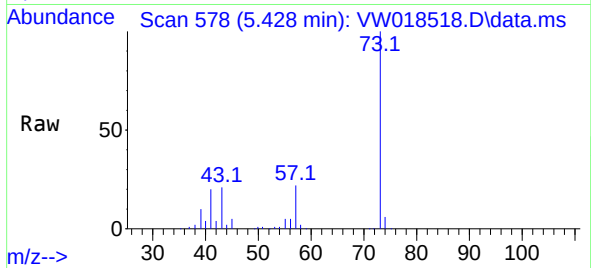
#17
Methyl tert-butyl Ether
Concen: 11.84 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 73 Resp: 85233
Ion Ratio Lower Upper
73 100
43 21.9 16.6 24.8
57 15.5 15.9 23.9#

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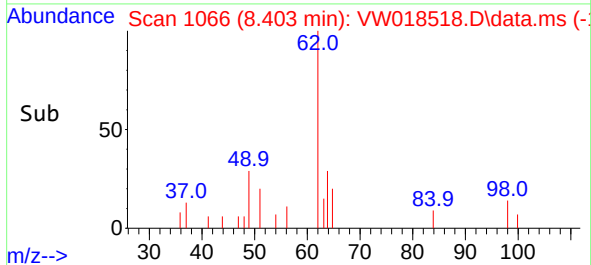
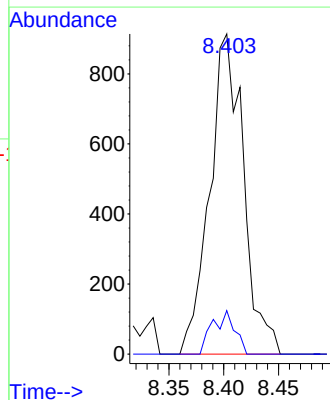
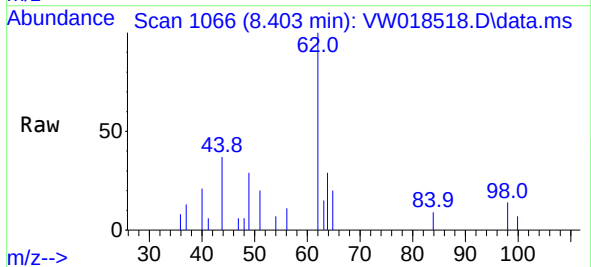
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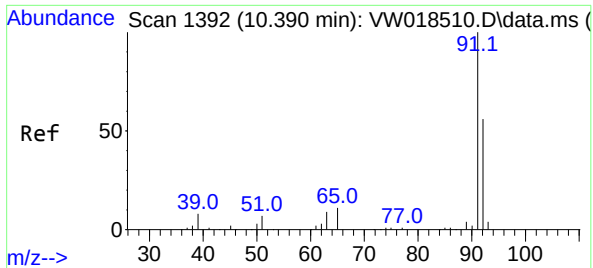
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#27
1,2-Dichloroethane
Concen: 0.28 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 62 Resp: 1959
Ion Ratio Lower Upper
62 100
98 13.6 6.4 9.6#





#44
Toluene
Concen: 0.28 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018518.D
Acq: 31 Mar 2021 17:35

Tgt Ion: 91 Resp: 6192
Ion Ratio Lower Upper
91 100
92 62.5 42.3 78.5

Instrument :
MSVOA_W
ClientSampleId :
BG550

Manual Integrations
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