

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018389.D
 Acq On : 19 Mar 2021 15:16
 Operator : SY/VA
 Sample : M1685-12
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G4

Manual Integrations
 APPROVED

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Quant Time: Mar 20 01:41:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	522906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	470236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	201658	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	198424	27.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.08%			
7) Chloroethane-d5	2.891	69	179853	28.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.96%			
10) 1,1-Dichloroethene-d2	4.019	63	237201	18.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.52%			
20) 2-Butanone-d5	7.074	46	83183	51.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.70%			
24) Chloroform-d	7.647	84	333663	25.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	8.305	65	201267m	25.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.56%			
29) Benzene-d6	8.275	84	652619	26.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.44%			
33) 1,2-Dichloropropane-d6	9.274	67	190486	26.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.68%			
37) Toluene-d8	10.323	98	608922	25.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.20%			
38) trans-1,3-Dichloroprop...	10.579	79	86019	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.52%			
39) 2-Hexanone-d5	10.920	63	70708	50.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.22%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	157469	24.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.64%			
61) 1,2-Dichlorobenzene-d4	13.853	152	173698	24.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.92%			
Target Compounds					Qvalue	
13) Acetone	4.123	43	13422	11.53	ug/L	100
14) Carbon disulfide	4.391	76	19838	1.00	ug/L	98
16) Methylene chloride	4.921	84	21949	2.56	ug/L	87
22) cis-1,2-Dichloroethene	7.171	96	81141	10.65	ug/L	96
47) Tetrachloroethene	10.859	164	2770	0.48	ug/L	89

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

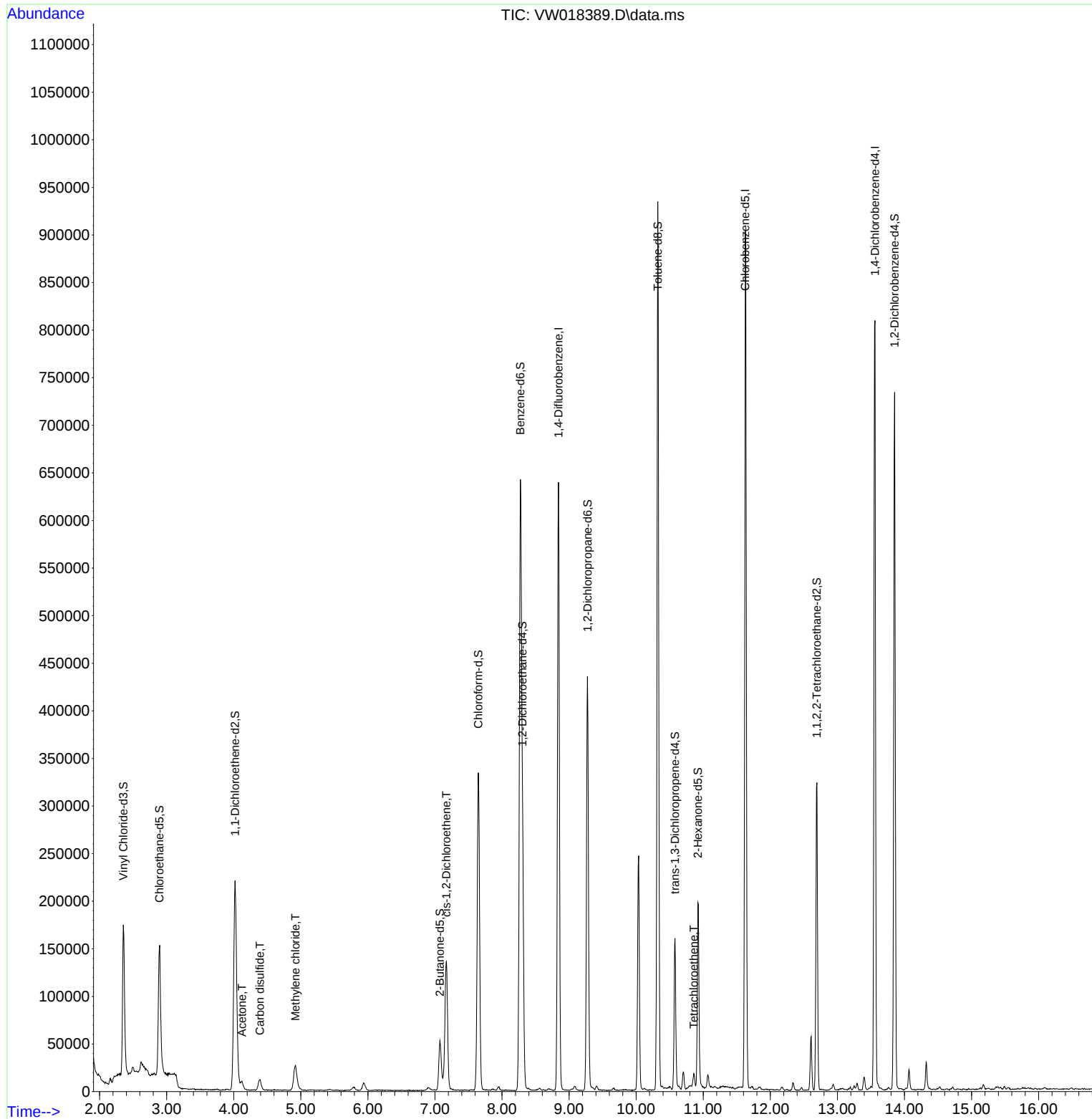
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
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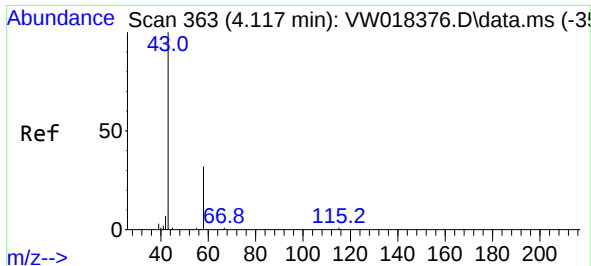
Instrument :
MSVOA_W
ClientSampleId :
BG4G4

Manual Integrations
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Quant Time: Mar 20 01:41:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 01:36:44 2021
Response via : Initial Calibration





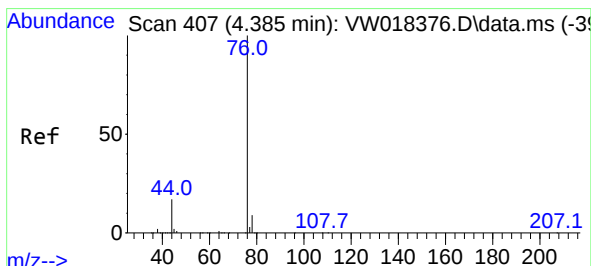
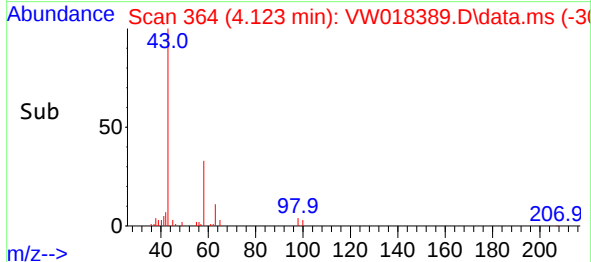
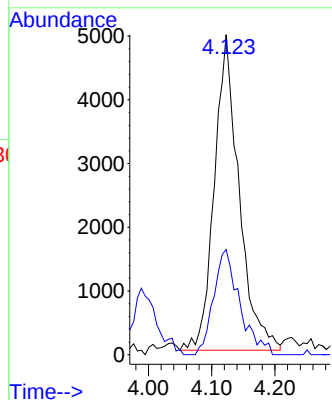
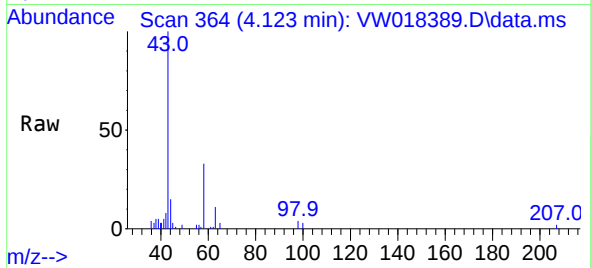
#13
Acetone
Concen: 11.53 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018389.D
Acq: 19 Mar 2021 15:16

Tgt Ion: 43 Resp: 13422
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.2

Instrument :
MSVOA_W
ClientSampleId :
BG4G4

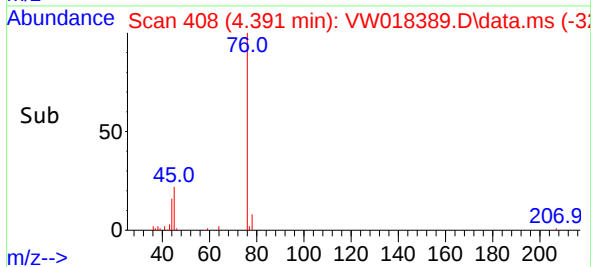
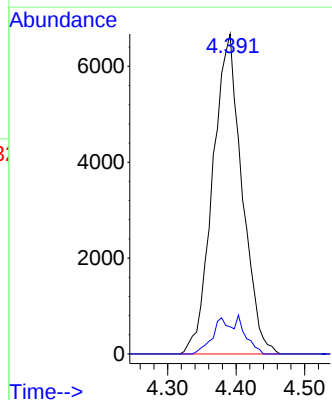
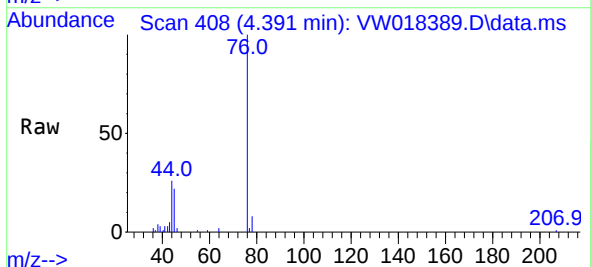
Manual Integrations
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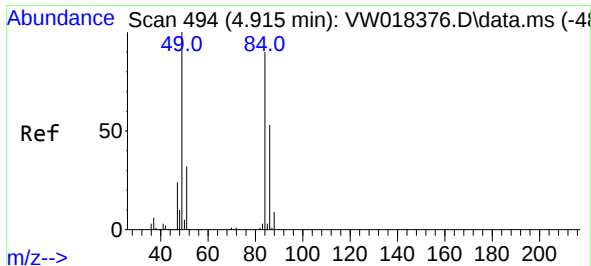
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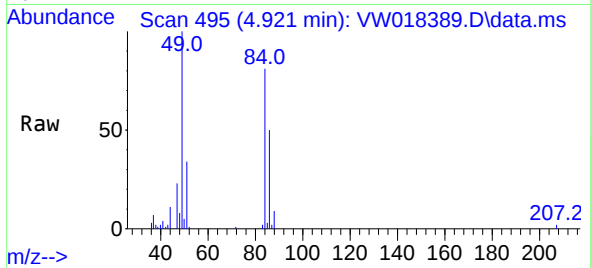
#14
Carbon disulfide
Concen: 1.00 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018389.D
Acq: 19 Mar 2021 15:16

Tgt Ion: 76 Resp: 19838
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



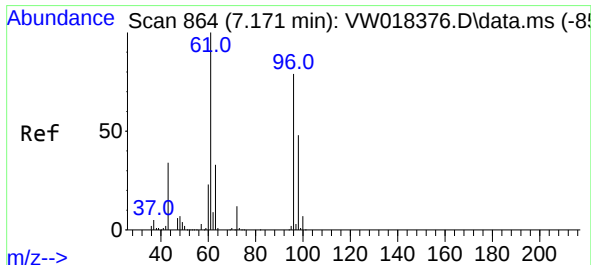
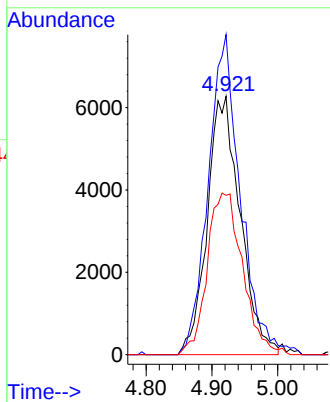
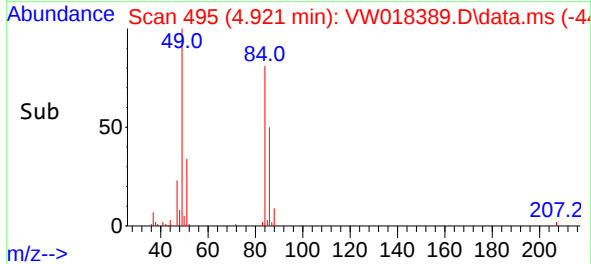


#16
Methylene chloride
Concen: 2.56 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018389.D
Acq: 19 Mar 2021 15:16

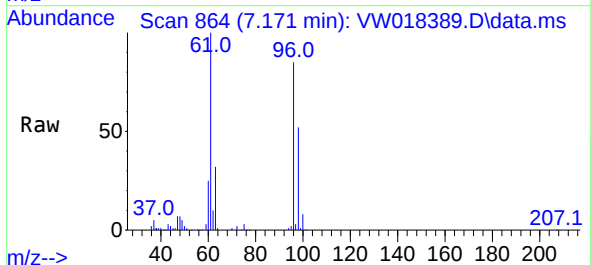


Tgt Ion: 84 Resp: 21949

Ion	Ratio	Lower	Upper
84	100		
49	123.9	74.4	138.2
86	61.7	46.1	85.7

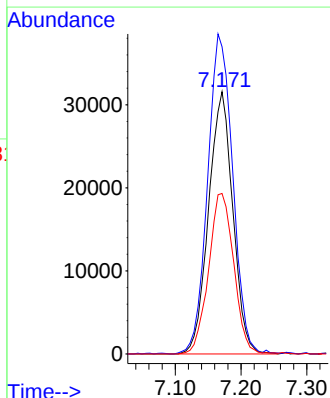
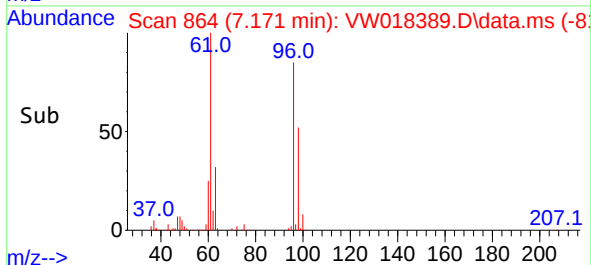


#22
cis-1,2-Dichloroethene
Concen: 10.65 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018389.D
Acq: 19 Mar 2021 15:16



Tgt Ion: 96 Resp: 81141

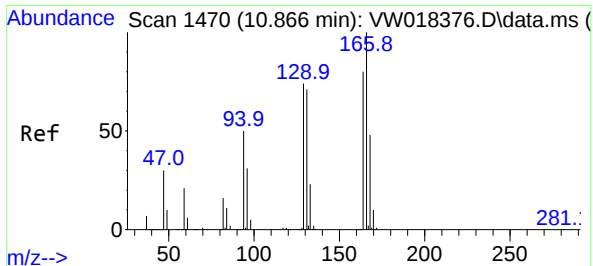
Ion	Ratio	Lower	Upper
96	100		
61	117.1	84.8	157.6
98	61.2	45.1	83.9



Instrument :
MSVOA_W
ClientSampled :
BG4G4

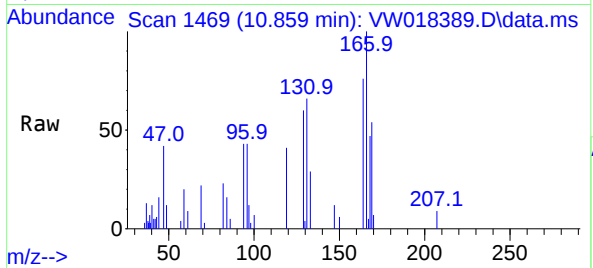
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#47
Tetrachloroethene
Concen: 0.48 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018389.D
Acq: 19 Mar 2021 15:16

Instrument :
MSVOA_W
ClientSampleId :
BG4G4



Tgt Ion:164 Resp: 2770

Ion	Ratio	Lower	Upper
164	100		
129	78.7	68.8	127.8
131	87.0	68.3	126.8
166	131.1	95.4	177.2

Manual Integrations
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