

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018408.D
 Acq On : 20 Mar 2021 00:03
 Operator : SY/VA
 Sample : M1685-09RE
 Misc : 4.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG495RE

Manual Integrations
 APPROVED

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 3/22/2021 4:14:15 PM

Quant Time: Mar 20 04:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	283117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	205953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	52855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112465	28.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.20%			
7) Chloroethane-d5	2.891	69	101282	29.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.48%			
10) 1,1-Dichloroethene-d2	4.025	63	123469	18.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.60%			
20) 2-Butanone-d5	7.080	46	72866	83.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 166.14%#			
24) Chloroform-d	7.647	84	180246	25.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	8.305	65	114301	27.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.60%			
29) Benzene-d6	8.275	84	349488	31.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.68%			
33) 1,2-Dichloropropane-d6	9.274	67	100860	31.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.76%#			
37) Toluene-d8	10.323	98	284425	26.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.92%			
38) trans-1,3-Dichloroprop...	10.579	79	33382	20.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.00%			
39) 2-Hexanone-d5	10.927	63	54853	88.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 177.50%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91389	32.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 129.40%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	45647	24.29	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.16%			
Target Compounds					Qvalue	
13) Acetone	4.123	43	16912	26.84	ug/L	94
14) Carbon disulfide	4.385	76	30886	2.89	ug/L	96
16) Methylene chloride	4.928	84	13709m	2.95	ug/L	
21) 2-Butanone	7.183	43	5382m	5.38	ug/L	
47) Tetrachloroethene	10.866	164	1762	0.70	ug/L	89

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

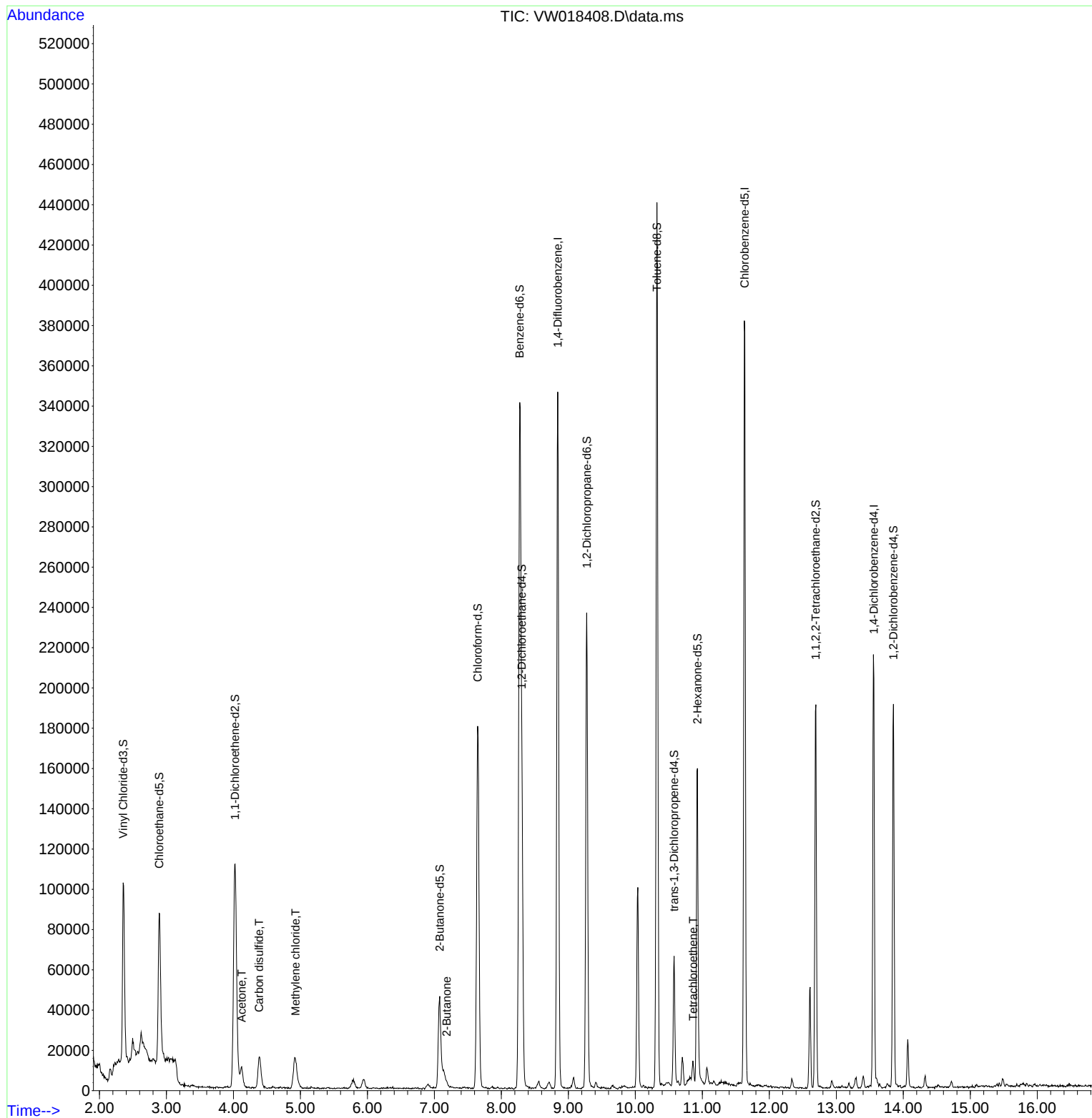
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018408.D
Acq On : 20 Mar 2021 00:03
Operator : SY/VA
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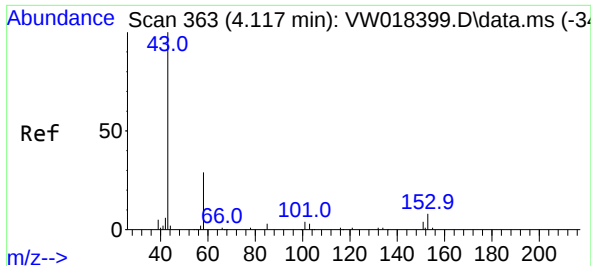
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Quant Time: Mar 20 04:02:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration





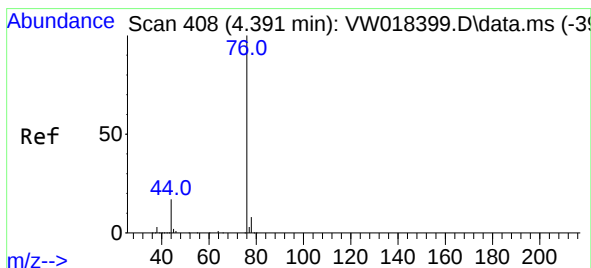
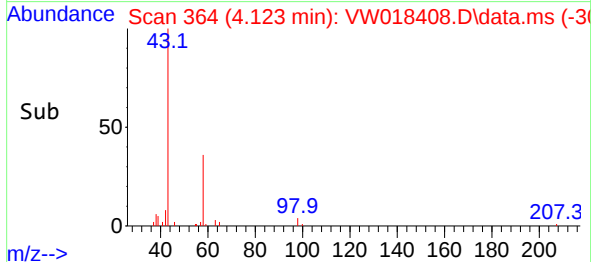
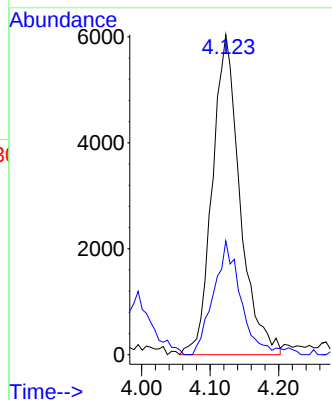
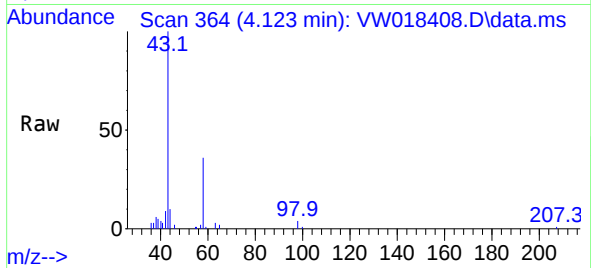
#13
Acetone
Concen: 26.84 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Tgt Ion: 43 Resp: 16912
Ion Ratio Lower Upper
43 100
58 34.5 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG495RE

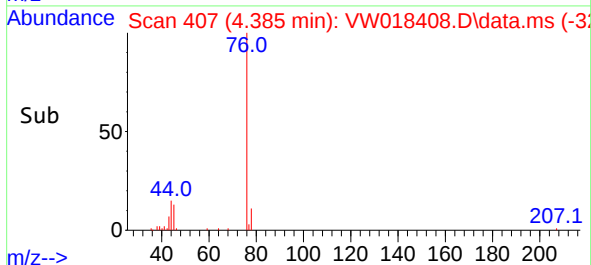
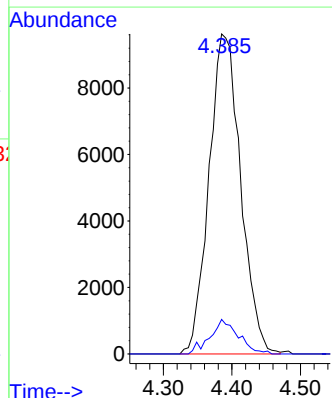
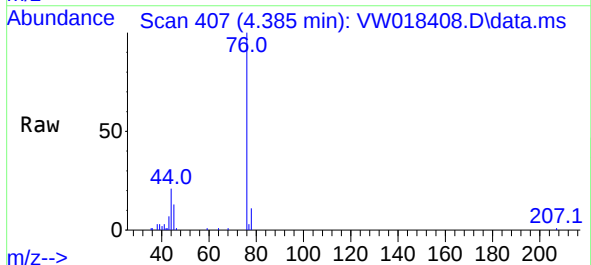
Manual Integrations
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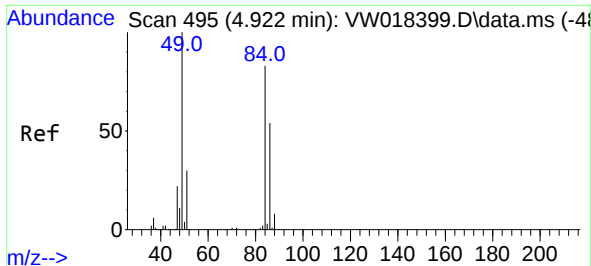
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#14
Carbon disulfide
Concen: 2.89 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

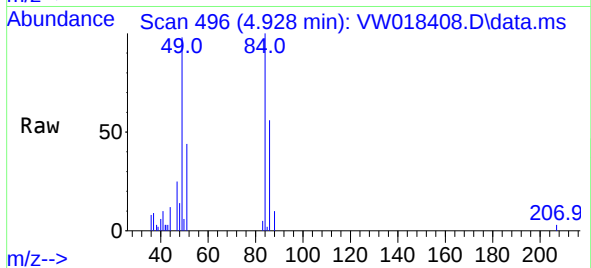
Tgt Ion: 76 Resp: 30886
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2





#16
Methylene chloride
Concen: 2.95 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03

Instrument :
MSVOA_W
ClientSampled :
BG495RE

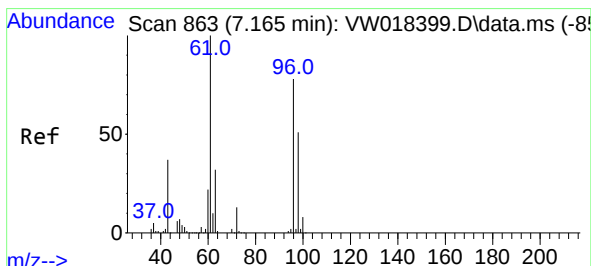
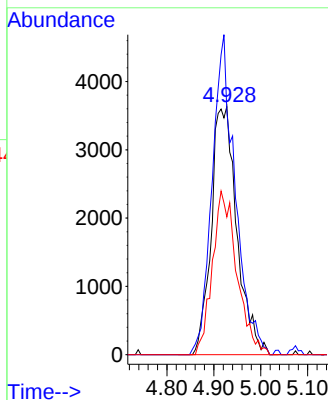
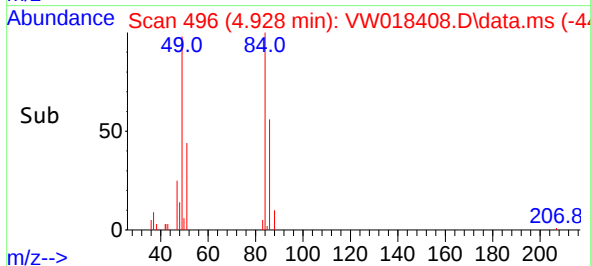


Tgt Ion: 84 Resp: 13709

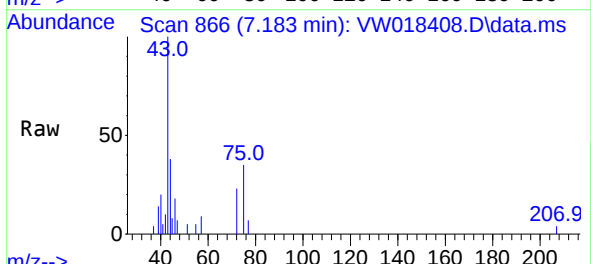
Ion	Ratio	Lower	Upper
84	100		
49	98.2	74.4	138.2
86	55.5	46.1	85.7

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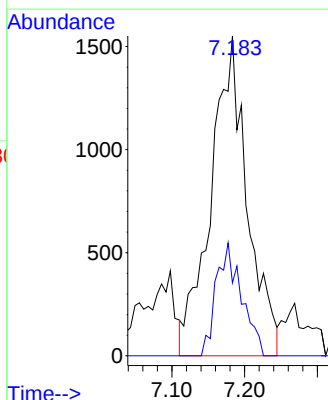
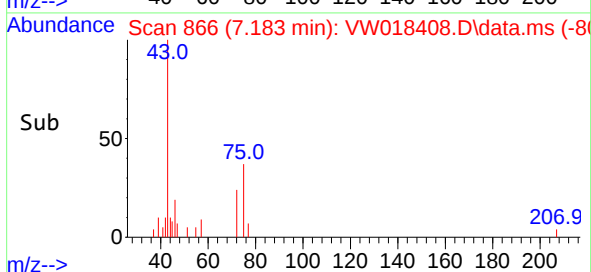


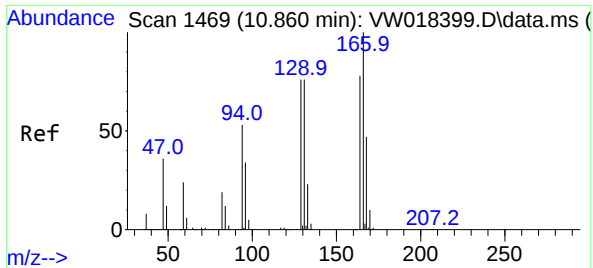
#21
2-Butanone
Concen: 5.38 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03



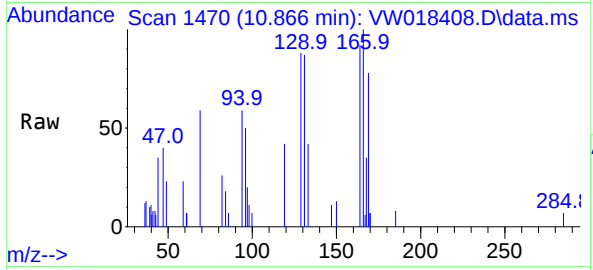
Tgt Ion: 43 Resp: 5382

Ion	Ratio	Lower	Upper
43	100		
72	9.4	16.5	49.5#

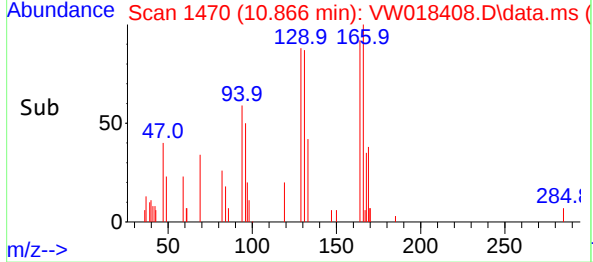
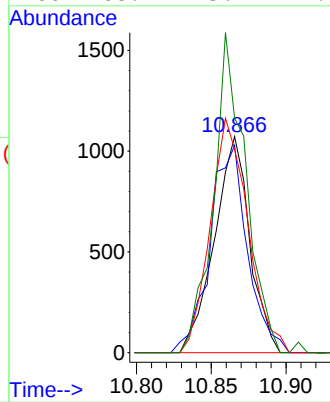




#47
Tetrachloroethene
Concen: 0.70 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018408.D
Acq: 20 Mar 2021 00:03



Tgt Ion:	164	Resp:	1762
Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.8	127.8
131	93.9	68.3	126.8
166	108.4	95.4	177.2



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