

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018387.D
 Acq On : 19 Mar 2021 14:29
 Operator : SY/VA
 Sample : M1685-10
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG496

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 4:14:02 PM

Quant Time: Mar 20 01:40:36 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	8.842	114	459256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	378546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	135099	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	185527	29.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.12%			
7) Chloroethane-d5	2.892	69	162372	29.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.08%			
10) 1,1-Dichloroethene-d2	4.026	63	210980	19.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.48%			
20) 2-Butanone-d5	7.074	46	80662	56.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.38%			
24) Chloroform-d	7.647	84	288510	24.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.64%			
26) 1,2-Dichloroethane-d4	8.305	65	177092	25.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%			
29) Benzene-d6	8.275	84	578575	28.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.00%			
33) 1,2-Dichloropropane-d6	9.275	67	166940	28.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.04%			
37) Toluene-d8	10.323	98	522512	26.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.88%			
38) trans-1,3-Dichloroprop...	10.579	79	69265	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.56%			
39) 2-Hexanone-d5	10.921	63	68153	59.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.98%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	137759	26.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.12%			
61) 1,2-Dichlorobenzene-d4	13.847	152	127814	26.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.44%			
Target Compounds					Qvalue	
13) Acetone	4.117	43	13525	13.23	ug/L	97
14) Carbon disulfide	4.385	76	75879	4.37	ug/L	97
16) Methylene chloride	4.916	84	21494	2.85	ug/L	94
21) 2-Butanone	7.183	43	4641m	2.86	ug/L	

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

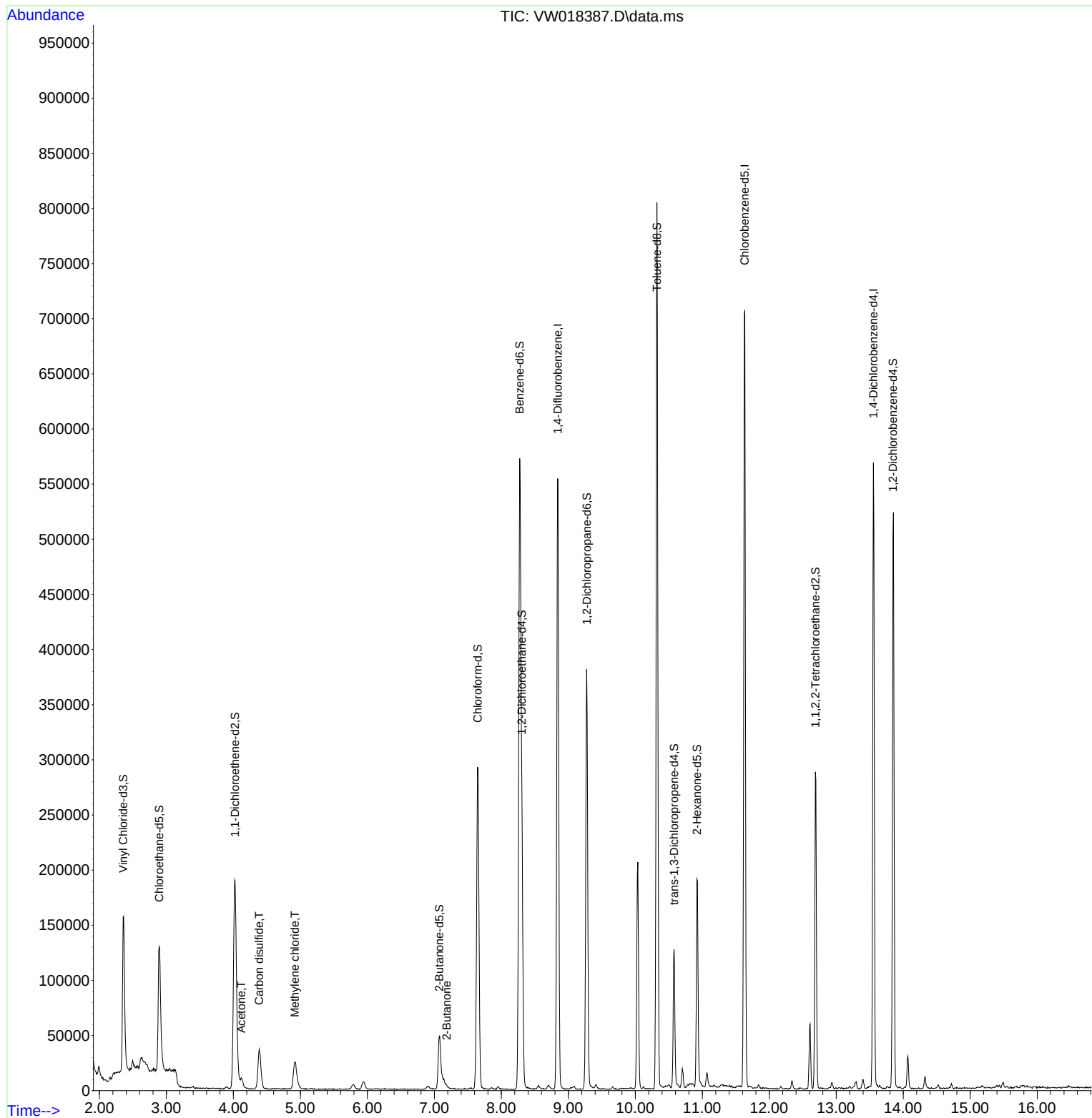
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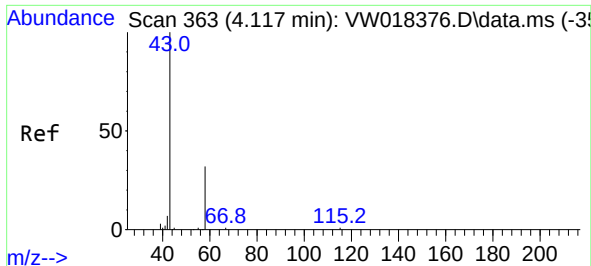
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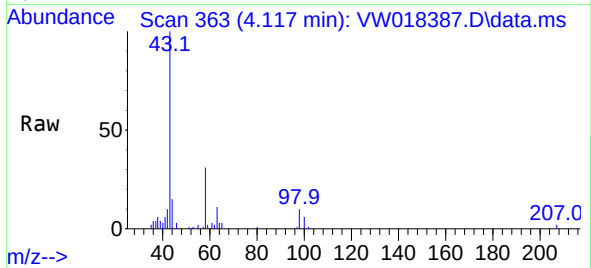
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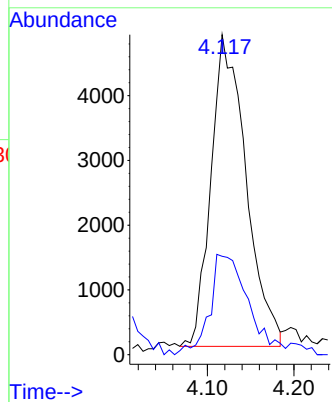
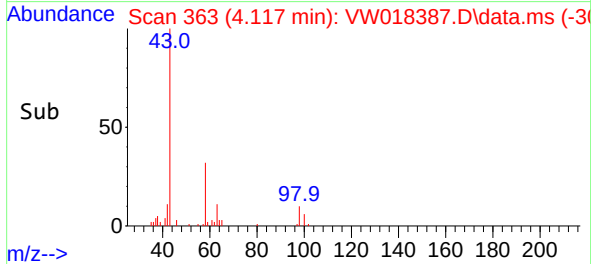




#13
Acetone
Concen: 13.23 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018387.D
Acq: 19 Mar 2021 14:29



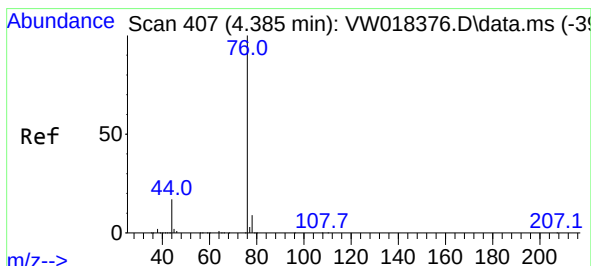
Tgt Ion: 43 Resp: 13525
Ion Ratio Lower Upper
43 100
58 33.0 0.0 62.2



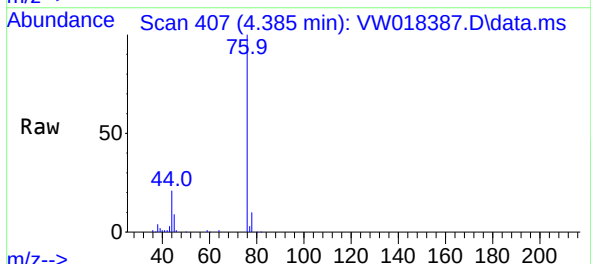
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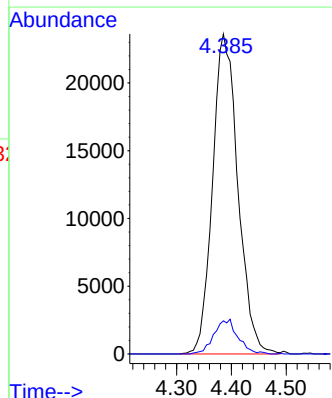
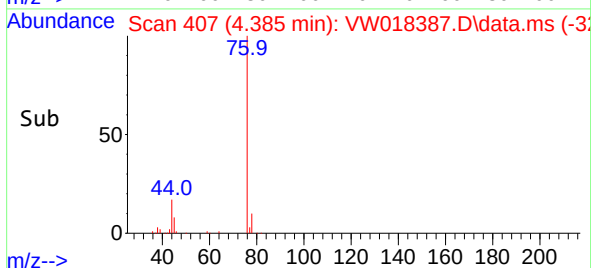
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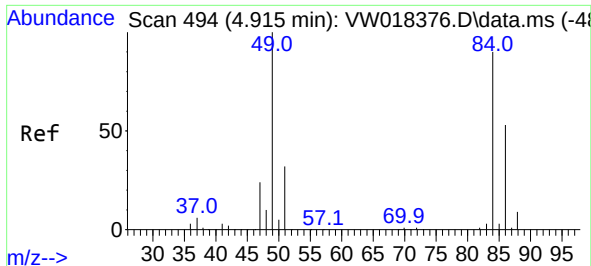


#14
Carbon disulfide
Concen: 4.37 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018387.D
Acq: 19 Mar 2021 14:29



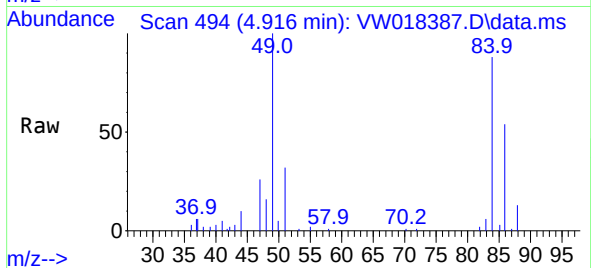
Tgt Ion: 76 Resp: 75879
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2





#16
Methylene chloride
Concen: 2.85 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
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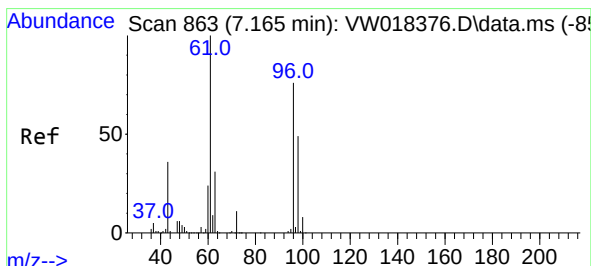
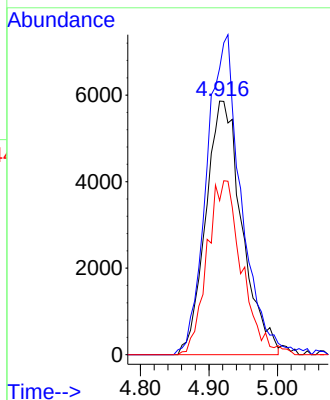
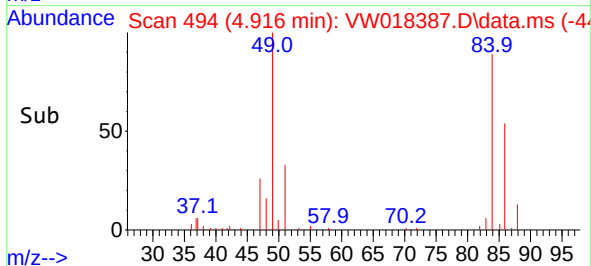


Tgt Ion: 84 Resp: 21494

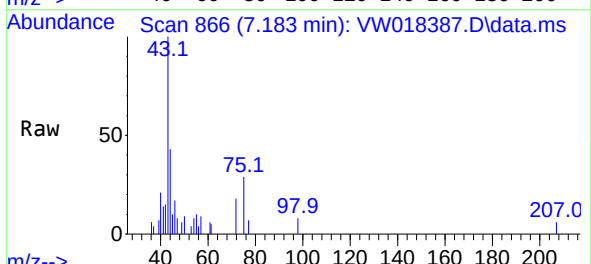
Ion	Ratio	Lower	Upper
84	100		
49	113.0	74.4	138.2
86	60.8	46.1	85.7

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#21
2-Butanone
Concen: 2.86 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.019 min
Lab File: VW018387.D
Acq: 19 Mar 2021 14:29



Tgt Ion: 43 Resp: 4641

Ion	Ratio	Lower	Upper
43	100		
72	8.0	16.5	49.5#

