

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018639.D
 Acq On : 13 Apr 2021 13:42
 Operator : SY/VA
 Sample : VIBLK23
 Misc : 6.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 11:36:51 AM

Quant Time: Apr 14 01:27:06 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	8.841	114	573940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	544625	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	255963	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120839	15.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.52%		
7) Chloroethane-d5	2.891	69	104197	14.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.60%		
10) 1,1-Dichloroethene-d2	4.019	63	143694	10.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.68%#		
20) 2-Butanone-d5	7.074	46	74183	41.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.44%		
24) Chloroform-d	7.647	84	260619	17.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.32%		
26) 1,2-Dichloroethane-d4	8.305	65	153008	17.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	71.72%		
29) Benzene-d6	8.275	84	478871	16.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.16%		
33) 1,2-Dichloropropane-d6	9.274	67	148774	17.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	71.24%		
37) Toluene-d8	10.323	98	446007	16.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.00%		
38) trans-1,3-Dichloroprop...	10.579	79	61954	14.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	57.52%		
39) 2-Hexanone-d5	10.927	63	60148	36.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.60%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	140224	18.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	166950	18.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.40%#		
Target Compounds					Qvalue	
13) Acetone	4.129	43	20719	16.22	ug/L	90
16) Methylene chloride	4.915	84	14641m	1.56	ug/L	
43) 4-Methyl-2-pentanone	10.213	43	3841	0.83	ug/L #	84
44) Toluene	10.390	91	9492	0.26	ug/L	89

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

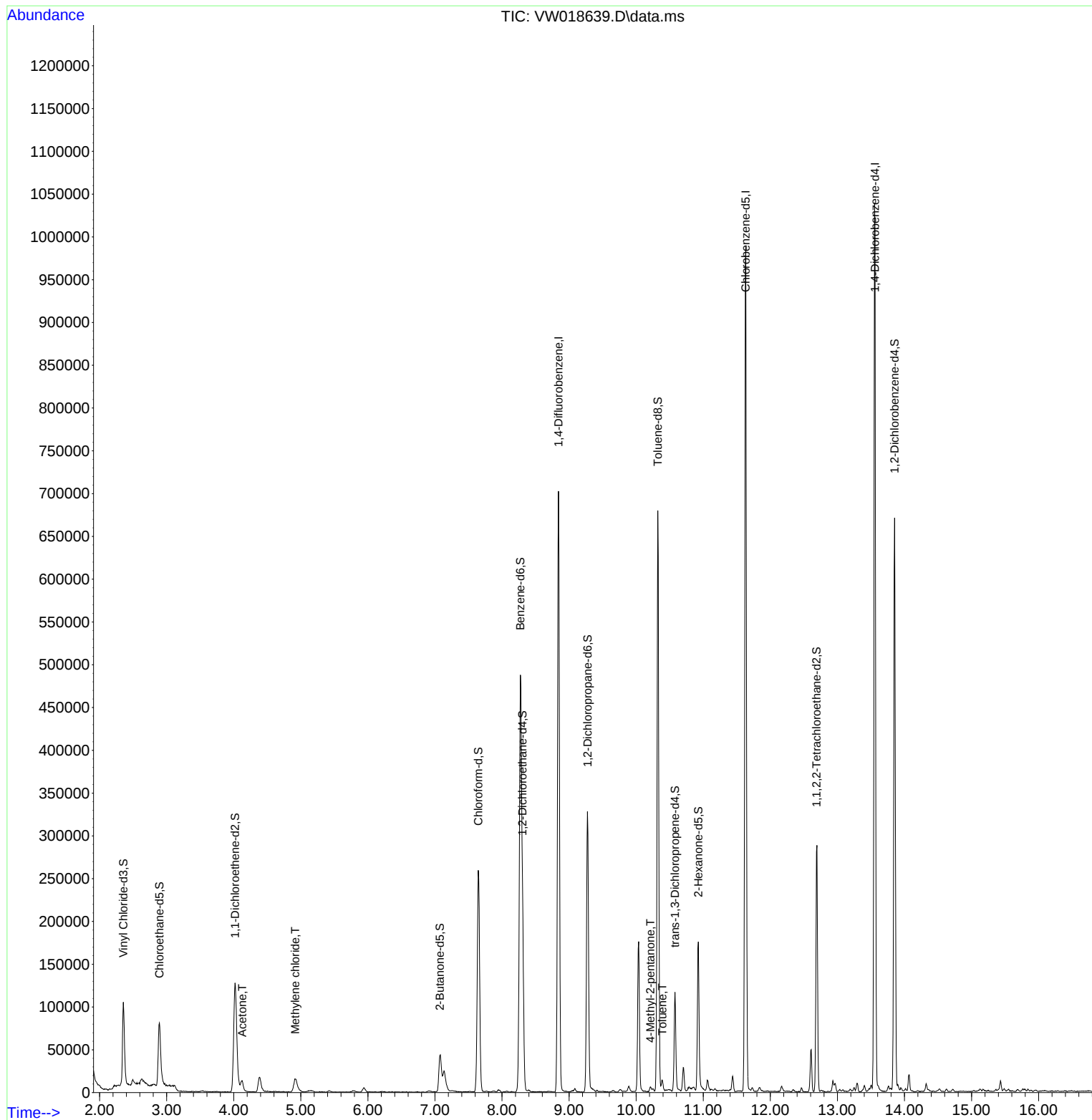
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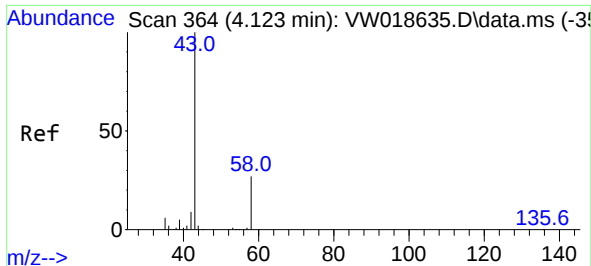
Instrument :
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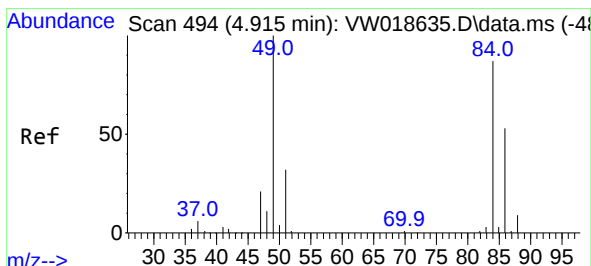
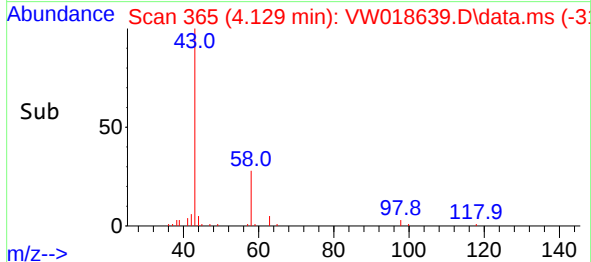
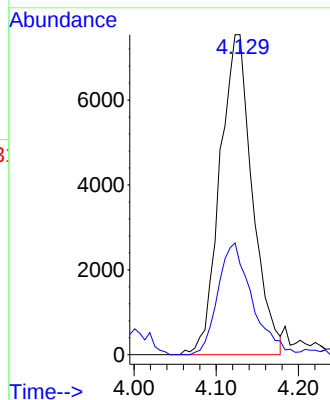
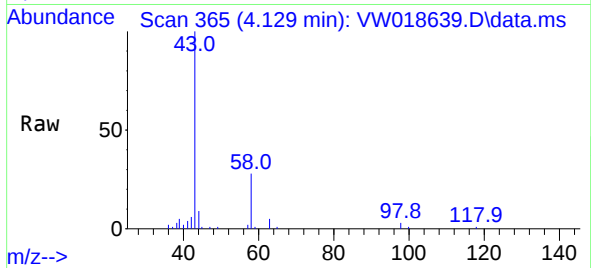
#13
Acetone
Concen: 16.22 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018639.D
Acq: 13 Apr 2021 13:42

Tgt Ion: 43 Resp: 20719
Ion Ratio Lower Upper
43 100
58 36.7 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
VIBLK23

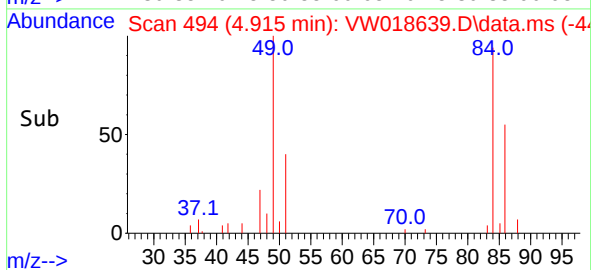
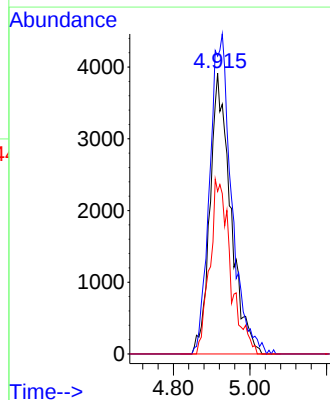
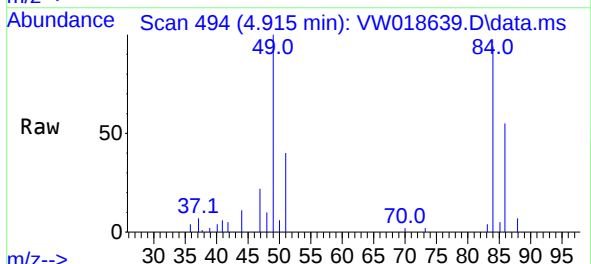
Manual Integrations
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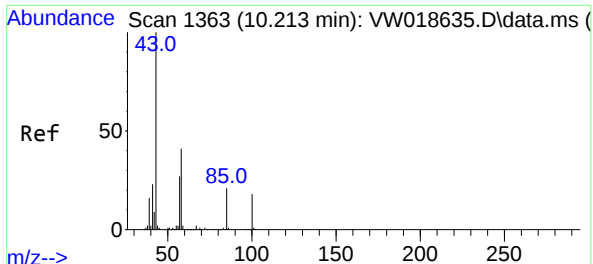
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#16
Methylene chloride
Concen: 1.56 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018639.D
Acq: 13 Apr 2021 13:42

Tgt Ion: 84 Resp: 14641
Ion Ratio Lower Upper
84 100
49 106.0 74.4 138.2
86 57.9 46.1 85.7





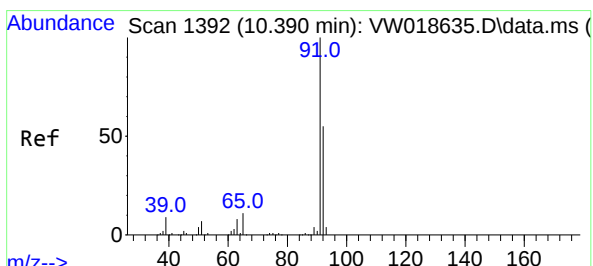
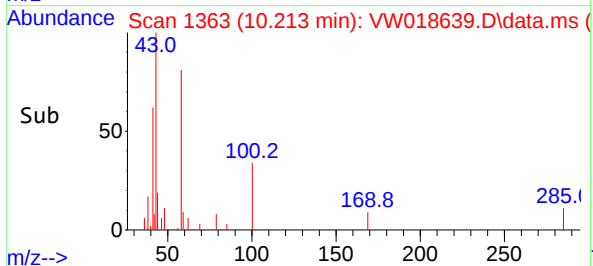
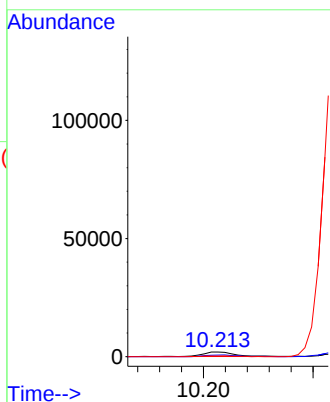
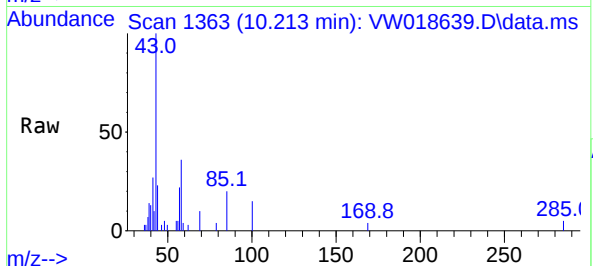
#43
4-Methyl-2-pentanone
Concen: 0.83 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018639.D
Acq: 13 Apr 2021 13:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.9	34.8	52.2
100	7.9	15.9	23.9

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#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018639.D
Acq: 13 Apr 2021 13:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	42.3	78.5

