

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016918.D
 Acq On : 15 Oct 2020 17:43
 Operator : SY/VA
 Sample : VIBLK13
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:00:25 AM

Quant Time: Oct 16 09:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	457357	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407630	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98239	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
7) Chloroethane-d5	2.90	69	84222	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
10) 1,1-Dichloroethene-d2	4.03	63	152494	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.09	46	57041	55.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.64%
24) Chloroform-d	7.65	84	232751	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	119023	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	8.27	84	457724	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.28	67	130175	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.64%
37) Toluene-d8	10.33	98	426792	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.59	79	52171	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	10.93	63	46131	59.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113725	28.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	166842	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds

				Ovalue
13) Acetone	4.15	43	1978m	2.558 ug/L
16) Methylene chloride	4.93	84	18681	2.960 ug/L
43) 4-Methyl-2-pentanone	10.21	43	1958	0.786 ug/L #
47) Tetrachloroethene	10.86	164	4228	0.737 ug/L

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

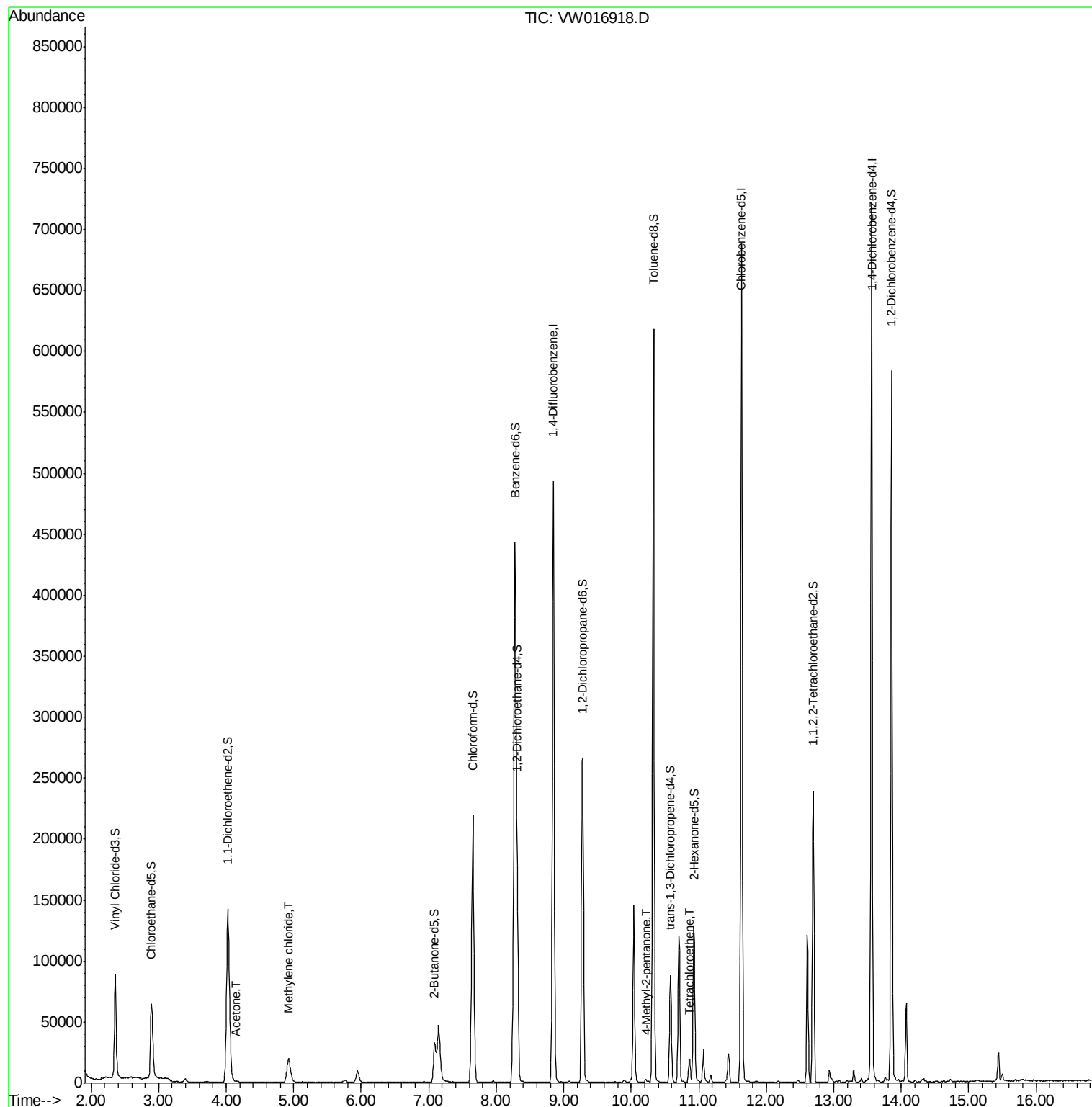
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
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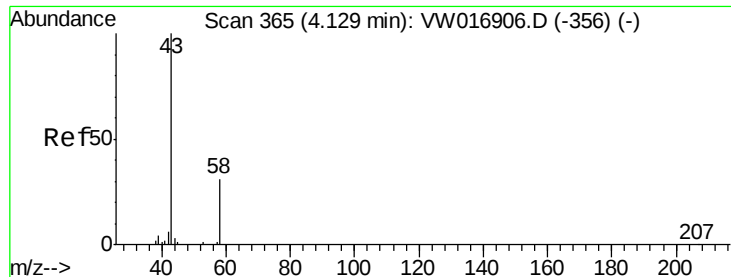
Instrument :
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Quant Time: Oct 16 09:18:21 2020
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Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.558 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016918.D

Acq: 15 Oct 2020 17:43

Tot Ion: 43 Resp: 1978

Ion Ratio Lower Upper

43 100

58 4.3 0.0 67.6

Instrument :

MSVOA_W

ClientSampleId :

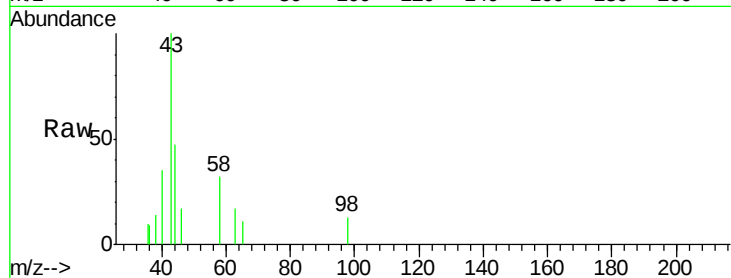
VIBLK13

Manual Integrations

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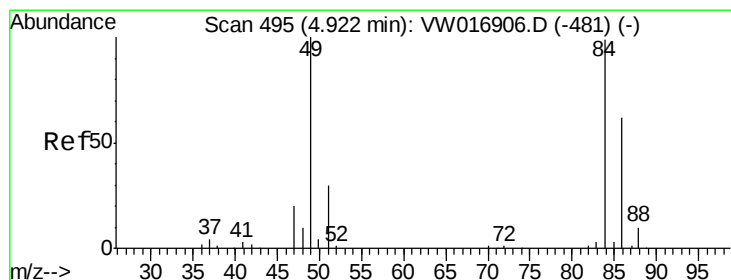
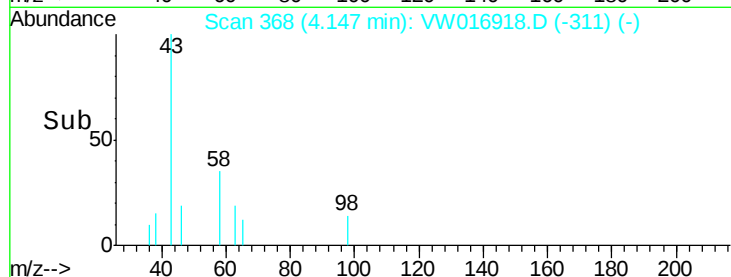
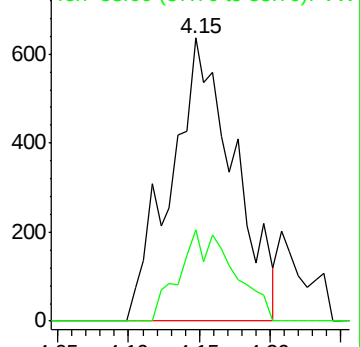
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10/19/2020 11:00:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.960 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016918.D

Acq: 15 Oct 2020 17:43

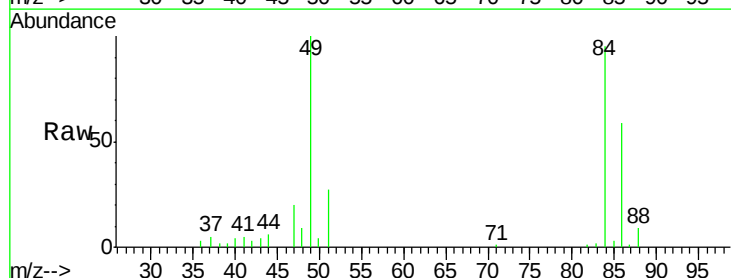
Tgt Ion: 84 Resp: 18681

Ion Ratio Lower Upper

84 100

49 105.3 73.1 135.8

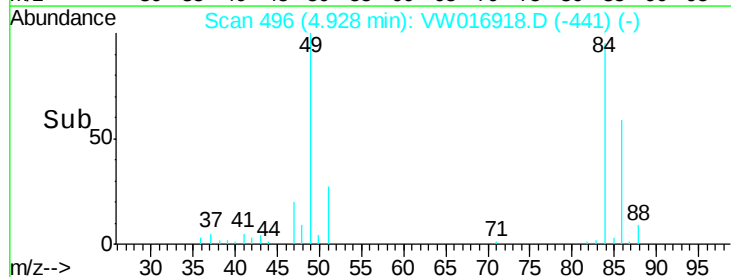
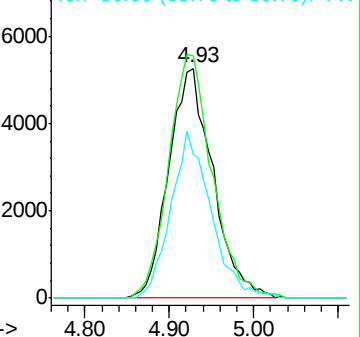
86 62.7 46.0 85.4

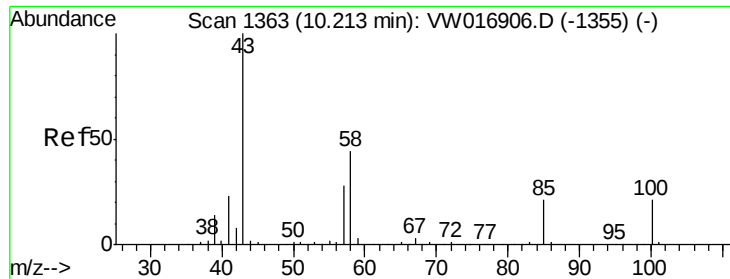


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





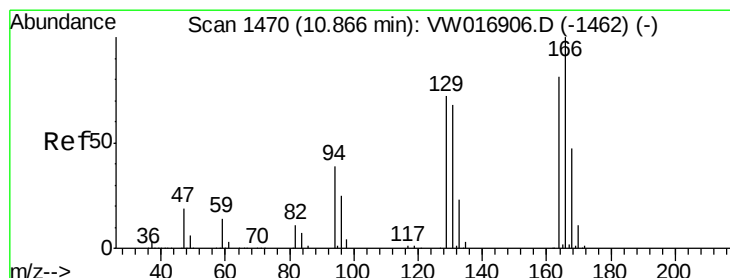
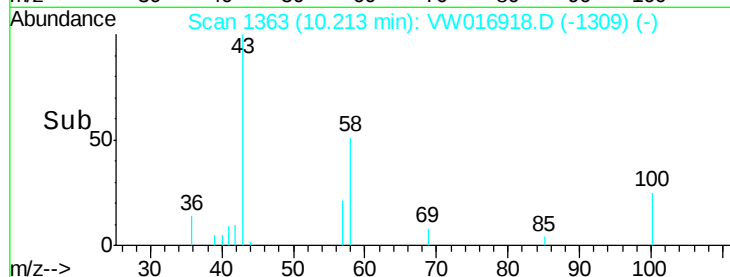
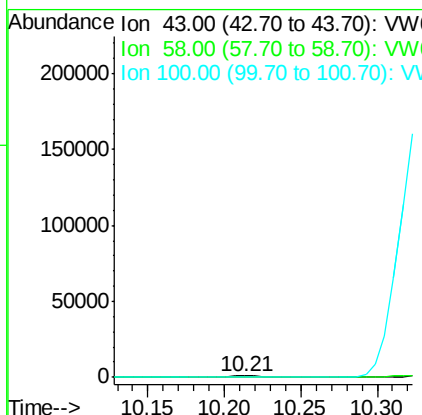
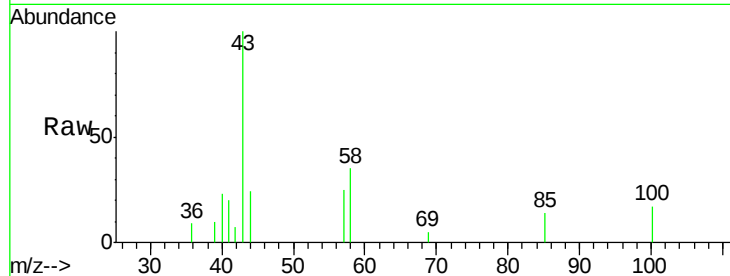
#43
4-Methyl-2-pentanone
Concen: 0.786 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016918.D
Acq: 15 Oct 2020 17:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	34.7	52.1
100	13.5	16.9	25.3

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#47
Tetrachloroethene
Concen: 0.737 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016918.D
Acq: 15 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.7	61.7	114.7
131	84.0	59.7	110.9
166	134.1	88.3	164.1

