

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017063.D
 Acq On : 03 Nov 2020 16:43
 Operator : SY/VA
 Sample : VIBLK30
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK30

Manual Integrations
 APPROVED

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 11/9/2020 10:02:17 AM

Quant Time: Nov 04 05:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412224	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97183	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	86040	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.03	63	151210	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.08	46	53859	55.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.78%
24) Chloroform-d	7.65	84	243927	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	118862	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
29) Benzene-d6	8.28	84	486462	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.28	67	139553	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
37) Toluene-d8	10.33	98	458802	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.04%
38) trans-1,3-Dichloropropene-	10.58	79	54753	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
39) 2-Hexanone-d5	10.93	63	44324	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113753	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	175486	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9539m	1.613	ug/L
43) 4-Methyl-2-pentanone	10.21	43	1904	0.790	ug/L
47) Tetrachloroethene	10.87	164	11845	2.042	ug/L

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

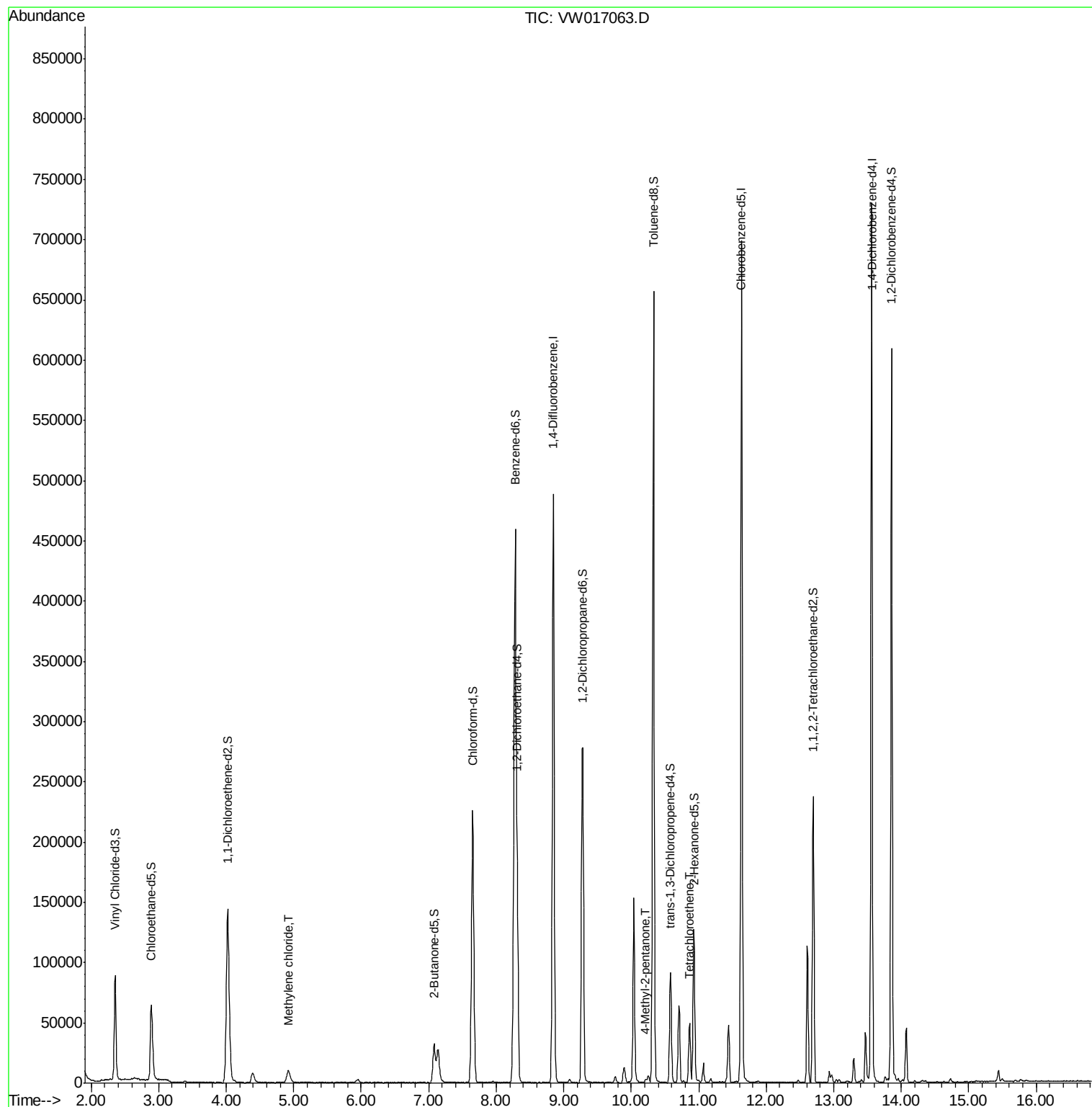
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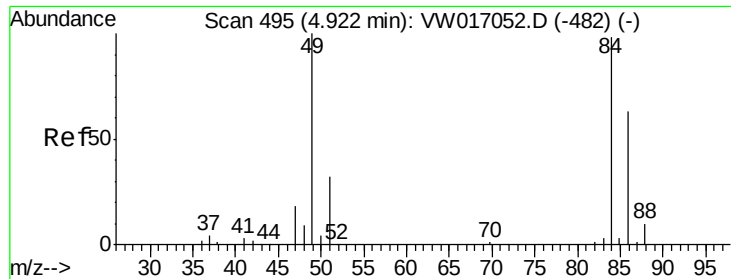
Instrument :
MSVOA_W
ClientSampled :
VIBLK30

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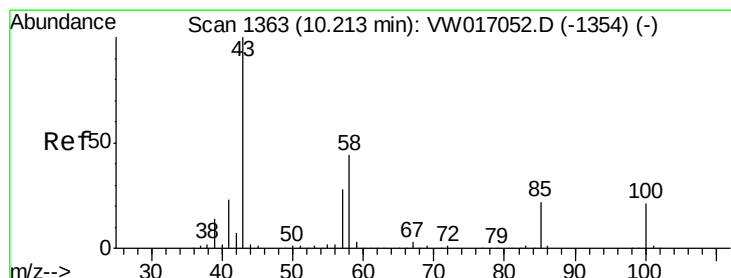
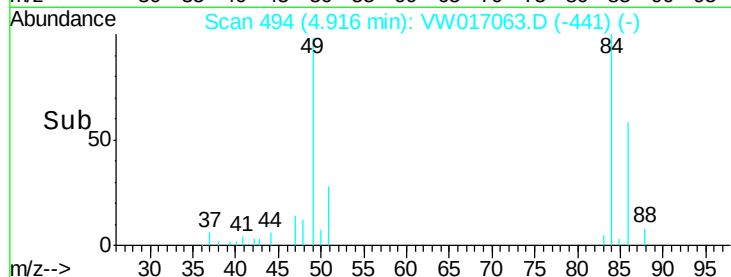
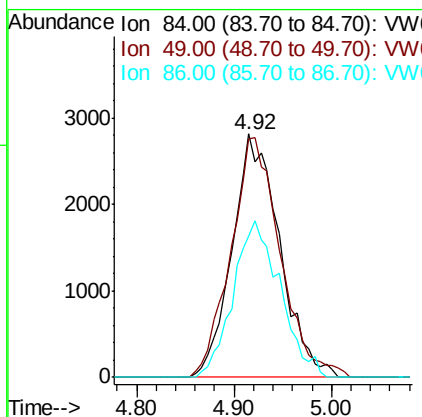
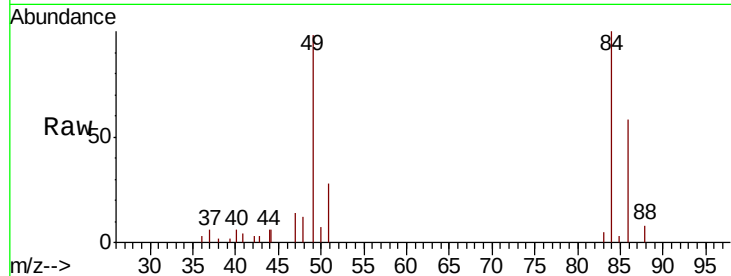
#16
Methylene chloride
Concen: 1.613 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017063.D
Acq: 03 Nov 2020 16:43

Instrument :
MSVOA_W
ClientSampled :
VIBLK30

Tot Ion	84	Resp	9539
Ion	Ratio	Lower	Upper
84	100		
49	98.1	73.8	137.0
86	57.8	47.4	88.0

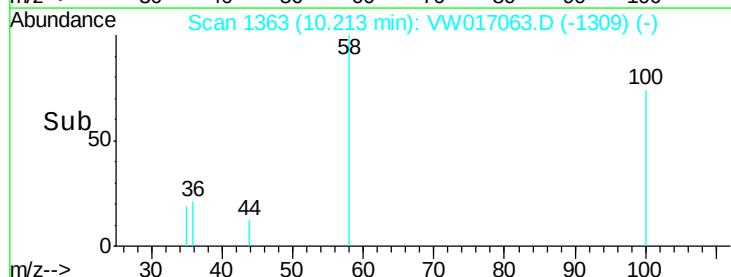
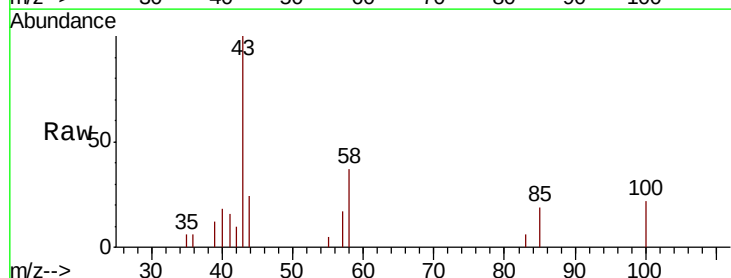
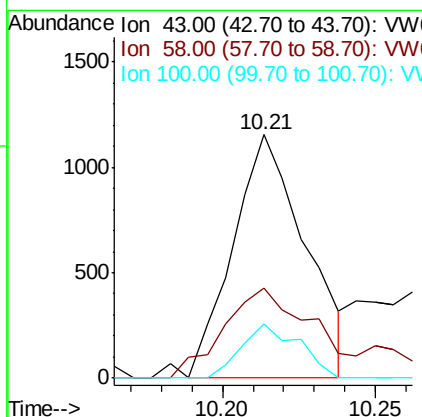
Manual Integrations
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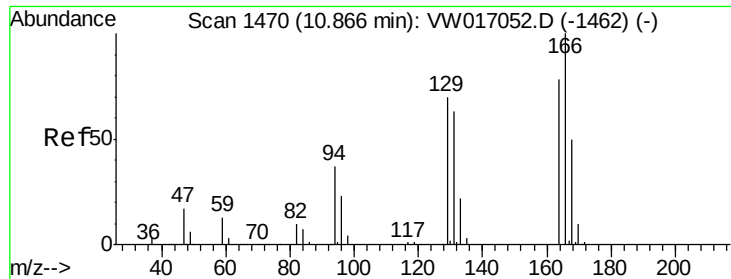
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#43
4-Methyl-2-pentanone
Concen: 0.790 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017063.D
Acq: 03 Nov 2020 16:43

Tgt Ion	43	Resp	1904
Ion	Ratio	Lower	Upper
43	100		
58	45.1	34.4	51.6
100	17.5	16.2	24.2





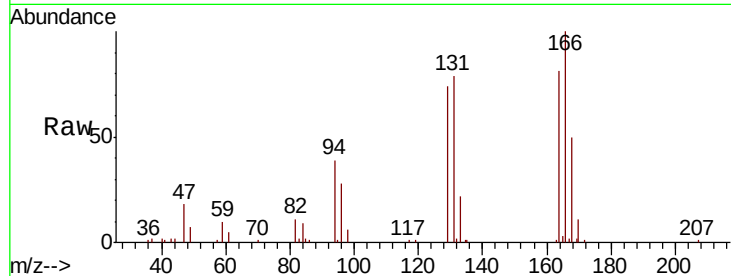
#47
Tetrachloroethene
Concen: 2.042 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017063.D
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Tot Ion:	164	Resp:	11845
Ion Ratio	Lower	Upper	
164	100		
129	91.6	64.0	119.0
131	97.4	61.7	114.5
166	123.9	94.6	175.8

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Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

