

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017217.D
 Acq On : 13 Nov 2020 17:00
 Operator : SY/VA
 Sample : L4710-23
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ0

Quant Time: Nov 17 16:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	431019	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356082	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134856	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117412	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
7) Chloroethane-d5	2.89	69	98281	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.02	63	164075	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.08	46	32334	26.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.26%
24) Chloroform-d	7.65	84	232512	23.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	8.31	65	111326	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.27	84	455713	25.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.52%
33) 1,2-Dichloropropane-d6	9.28	67	123103	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.32	98	426885	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	32827	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.08%
39) 2-Hexanone-d5	10.93	63	19931	22.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82210	18.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	106528	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

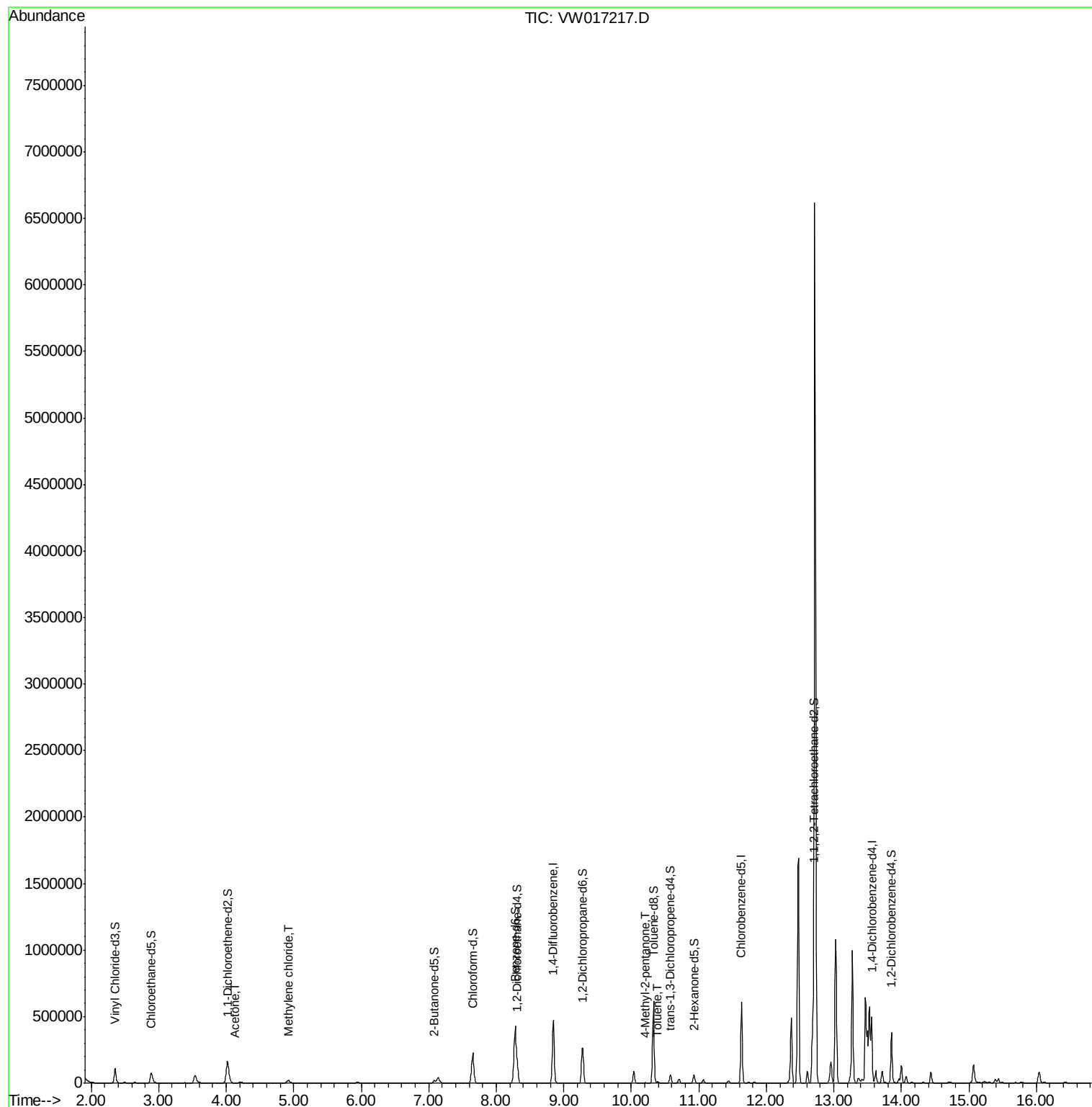
					Ovalue
13) Acetone	4.13	43	4702	5.784 ug/L	99
16) Methylene chloride	4.92	84	17634	3.035 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	2222	0.824 ug/L	95
44) Toluene	10.39	91	7630	0.371 ug/L	82

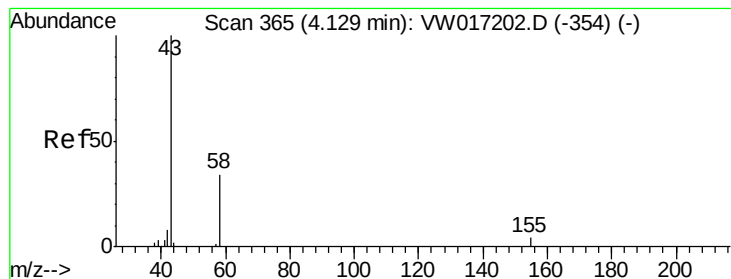
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.784 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

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Acq: 13 Nov 2020 17:00

Instrument :

MSVOA_W

ClientSampleId :

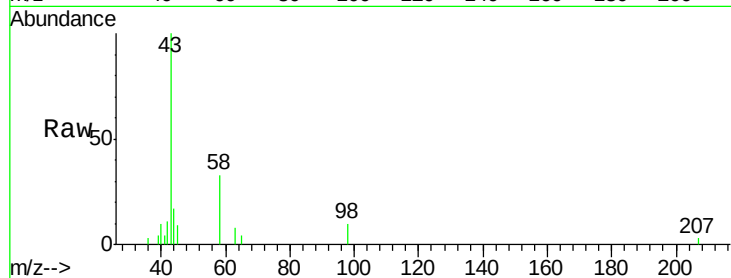
C0AZ0

Tot Ion: 43 Resp: 4702

Ion Ratio Lower Upper

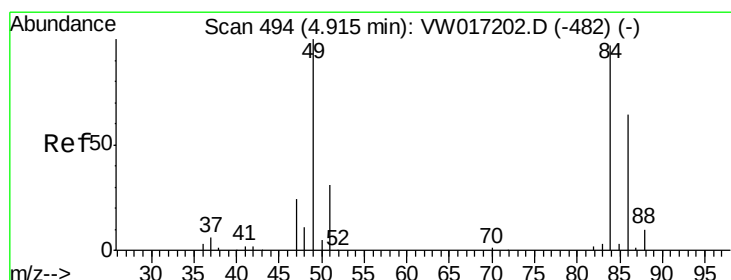
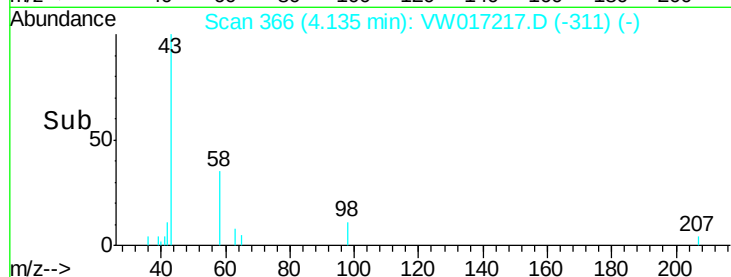
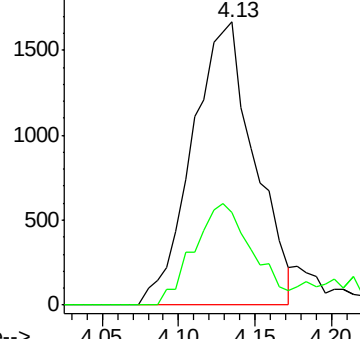
43 100

58 34.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.035 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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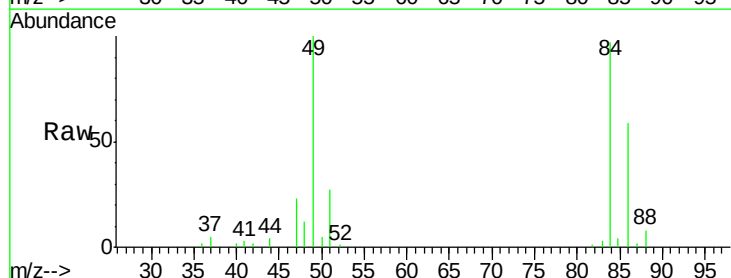
Tgt Ion: 84 Resp: 17634

Ion Ratio Lower Upper

84 100

49 103.3 72.3 134.3

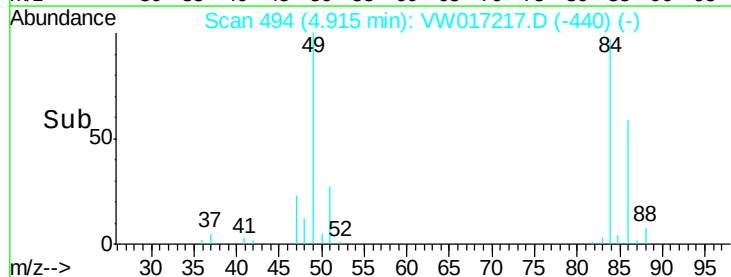
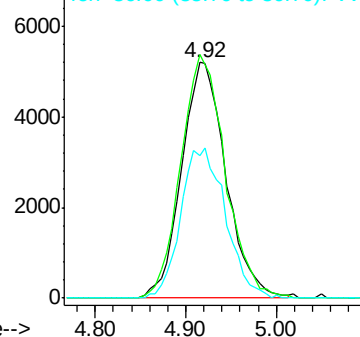
86 60.5 45.1 83.7

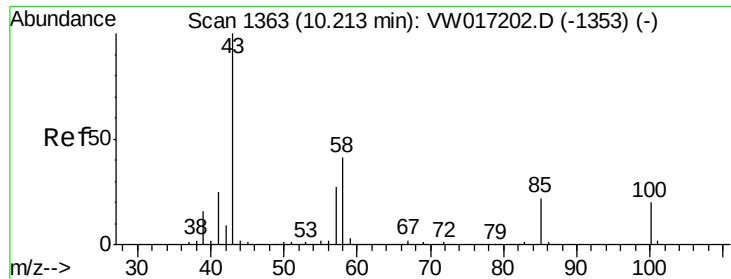


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

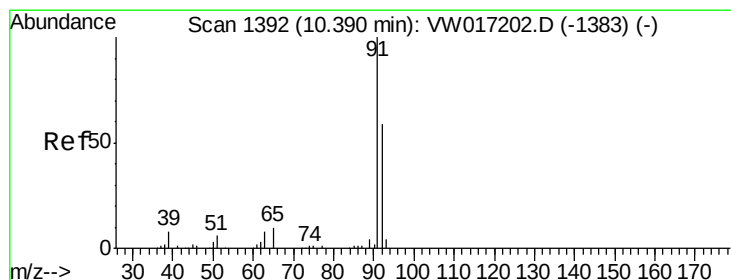
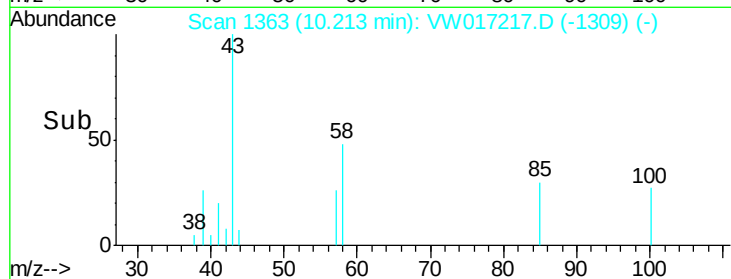
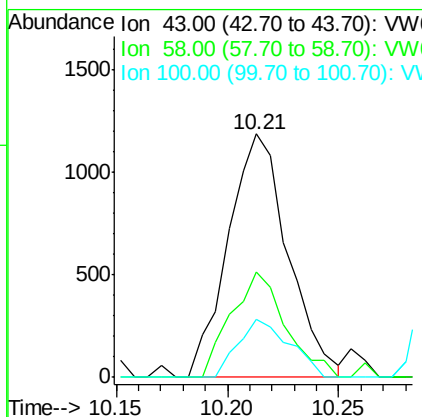
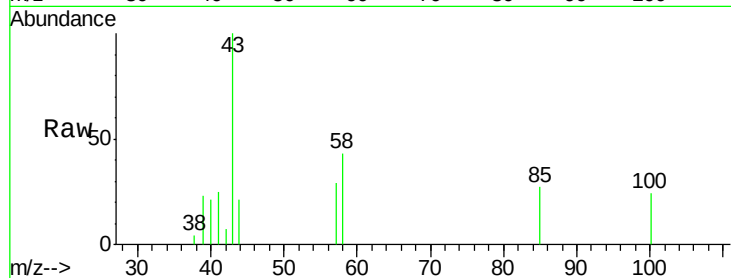




#43
4-Methyl-2-pentanone
Concen: 0.824 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017217.D
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Instrument :
MSVOA_W
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C0AZ0

Tot Ion: 43 Resp: 2222
Ion Ratio Lower Upper
43 100
58 39.2 35.0 52.6
100 20.3 16.6 24.8



#44
Toluene
Concen: 0.371 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017217.D
Acq: 13 Nov 2020 17:00

Tgt Ion: 91 Resp: 7630
Ion Ratio Lower Upper
91 100
92 72.5 41.4 76.8

