

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017206.D
 Acq On : 13 Nov 2020 12:42
 Operator : SY/VA
 Sample : L4711-04
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ8

Manual Integrations
 APPROVED

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 11/17/2020 6:51:15 PM

Quant Time: Nov 17 04:26:52 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	8.84	114	437097	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102262	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	2.89	69	87349	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
10) 1,1-Dichloroethene-d2	4.02	63	151455	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.09	46	38666	31.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.82%
24) Chloroform-d	7.65	84	215058	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	8.31	65	110240	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.92%
29) Benzene-d6	8.27	84	424153	22.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.28%
33) 1,2-Dichloropropane-d6	9.28	67	115078	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.33	98	390741	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.20%
38) trans-1,3-Dichloropropene-	10.58	79	45238	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.20%
39) 2-Hexanone-d5	10.93	63	31125	34.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82889	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	109787	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds					Ovalue
13) Acetone	4.14	43	2182	2.647 ug/L	68
16) Methylene chloride	4.91	84	8297m	1.408 ug/L	
43) 4-Methyl-2-pentanone	10.22	43	2096	0.750 ug/L	94

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

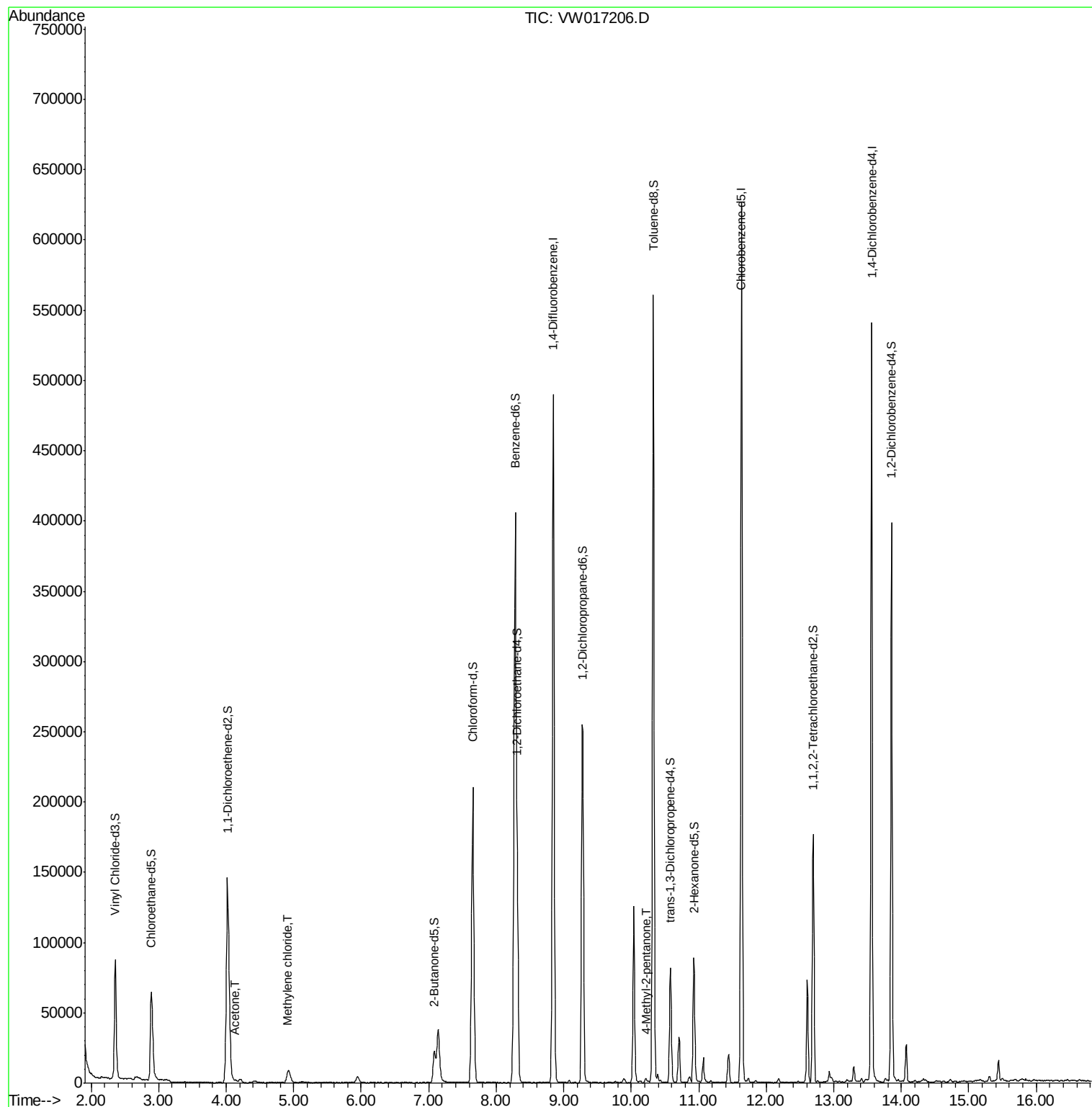
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111320\
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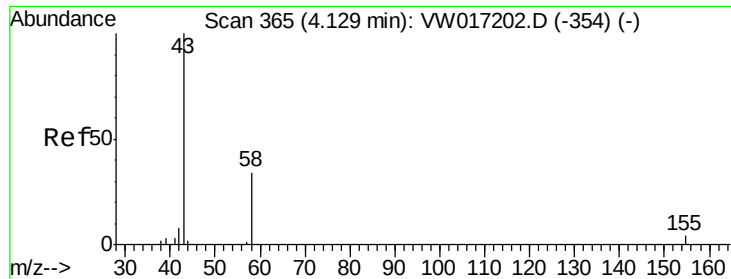
Instrument :
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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.647 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017206.D

Acq: 13 Nov 2020 12:42

Instrument :

MSVOA_W

ClientSampleId :

C0AZ8

Tot Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

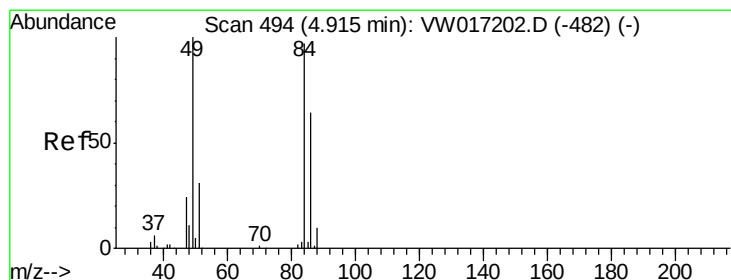
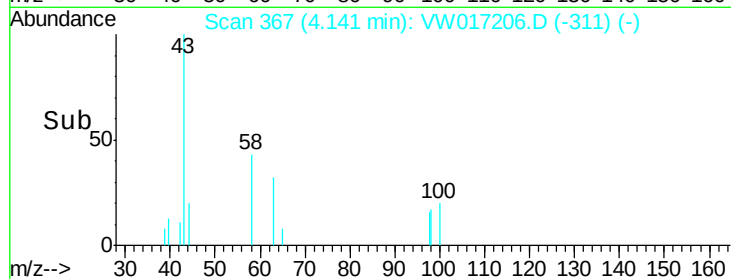
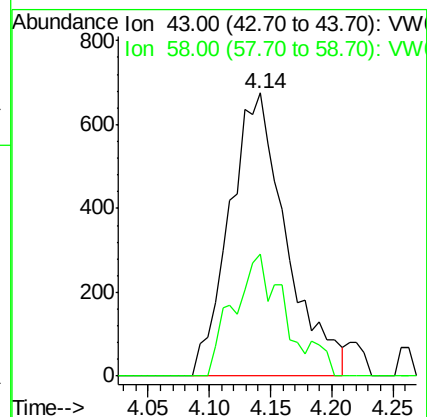
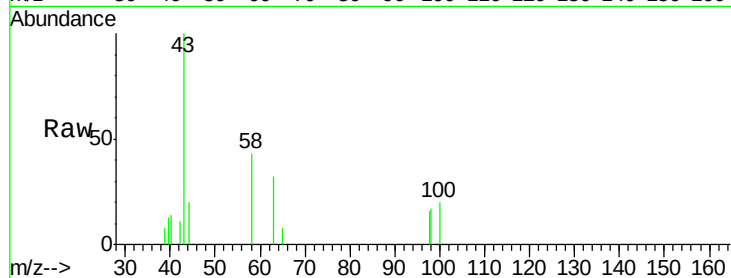
58 15.9 0.0 69.2

Manual Integrations

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#16

Methylene chloride

Concen: 1.408 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017206.D

Acq: 13 Nov 2020 12:42

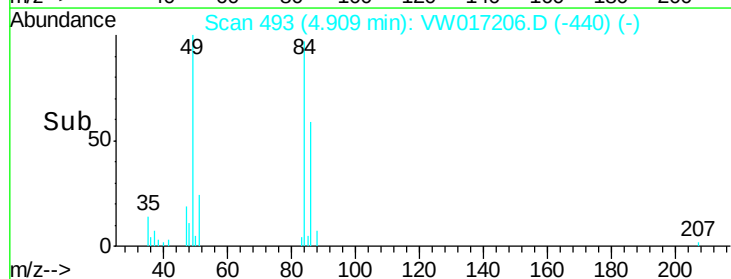
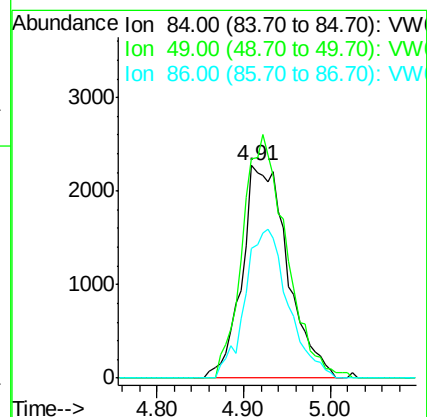
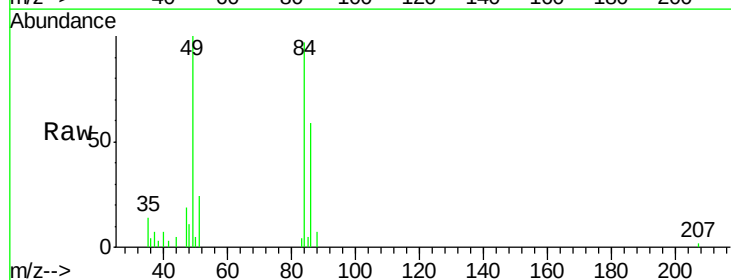
Tgt Ion: 84 Resp: 8297

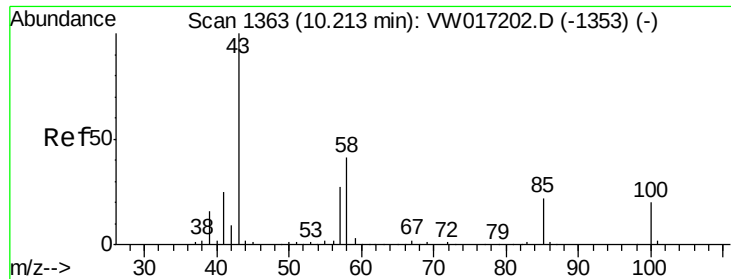
Ion Ratio Lower Upper

84 100

49 103.4 72.3 134.3

86 61.0 45.1 83.7





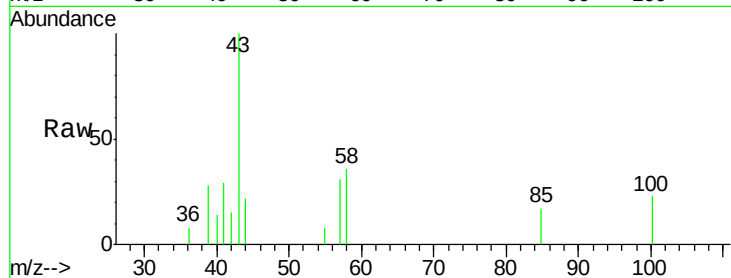
#43
 4-Methyl-2-pentanone
 Concen: 0.750 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW017206.D
 Acq: 13 Nov 2020 12:42

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Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	35.0	52.6
100	19.9	16.6	24.8

Manual Integrations
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Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

