

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016732.D
 Acq On : 01 Oct 2020 12:39
 Operator : SY/VA
 Sample : L4201-12
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN8

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 4:53:06 PM

Quant Time: Oct 01 21:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	691302	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	624591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	297121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121116	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	2.91	69	117423	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	4.03	63	208053	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	7.09	46	70050	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	7.66	84	348759	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	173875	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.28	84	675382	24.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.44%
33) 1,2-Dichloropropane-d6	9.28	67	190714	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	624466	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.59	79	75441	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.84%
39) 2-Hexanone-d5	10.93	63	59424	43.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150069	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	243794	25.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.72%

Target Compounds					Ovalue
13) Acetone	4.16	43	2167	1.516 ug/L	74
16) Methylene chloride	4.94	84	11386m	1.068 ug/L	

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

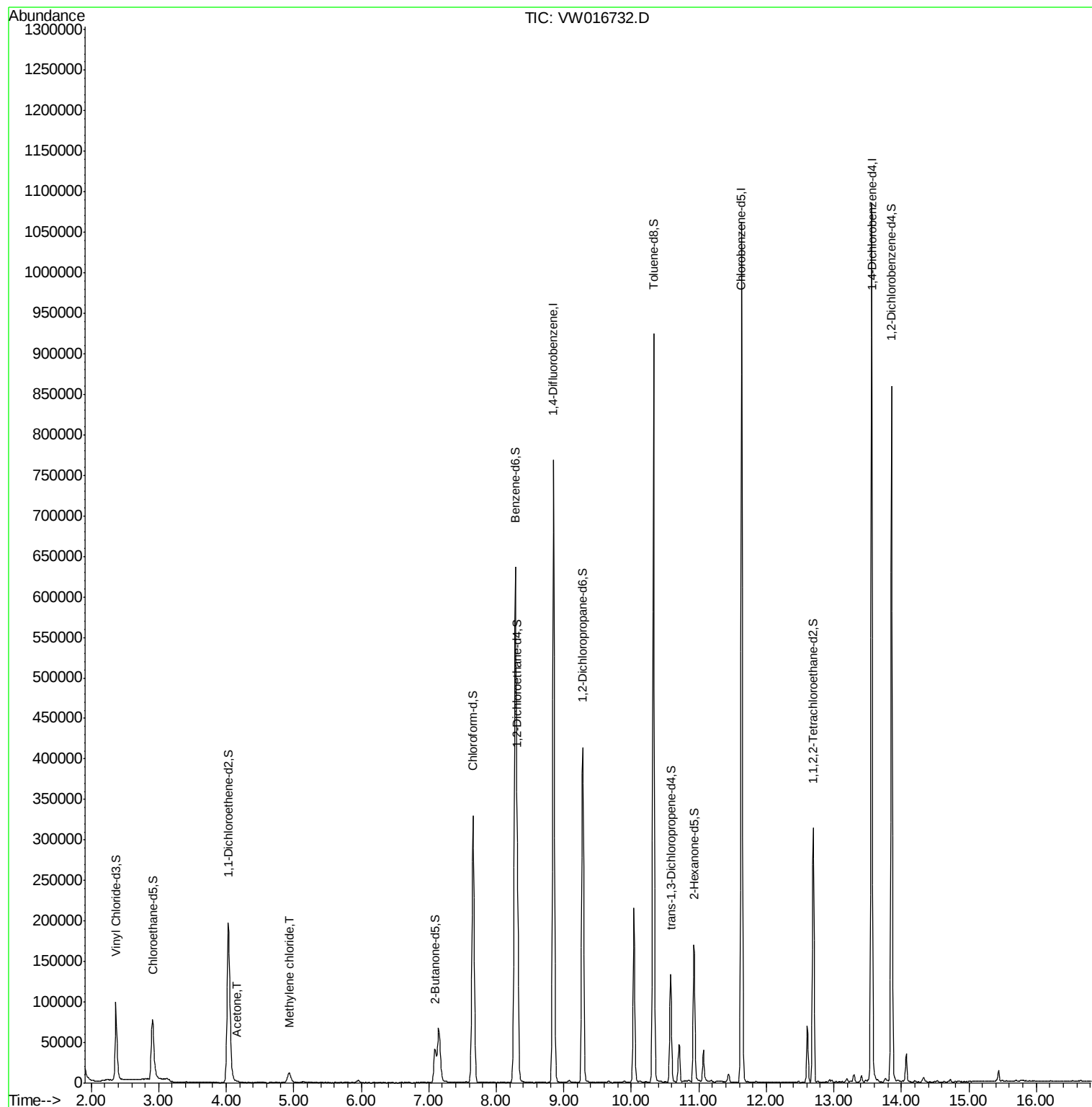
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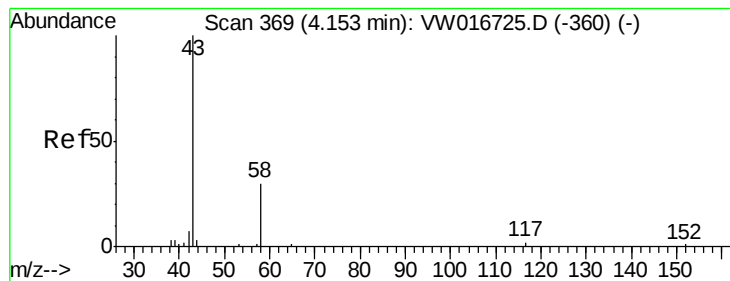
Instrument :
MSVOA_W
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COAN8

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QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.516 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016732.D

Acq: 01 Oct 2020 12:39

Instrument :

MSVOA_W

ClientSampled :

C0AN8

Tot Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

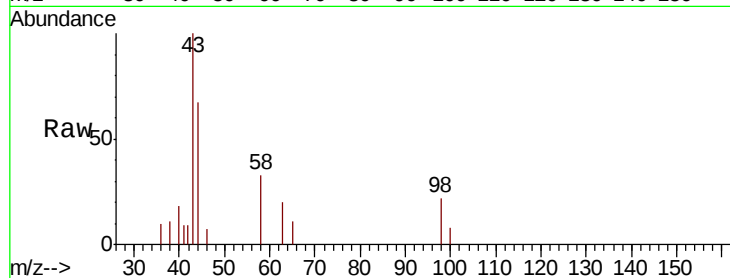
58 15.8 0.0 60.2

Manual Integrations

APPROVED

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10/5/2020 4:53:06 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

800

600

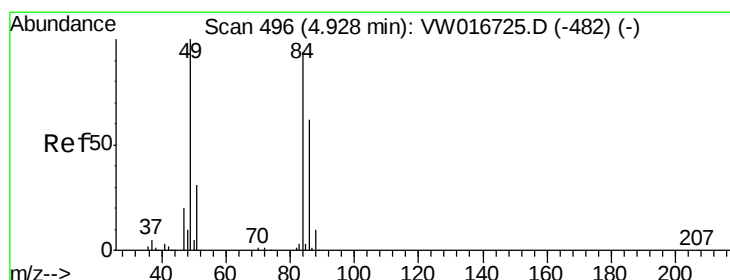
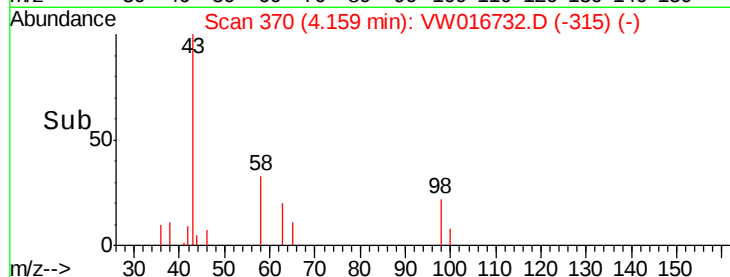
400

200

0

4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.068 ug/L m

RT: 4.94 min Scan# 498

Delta R.T. 0.01 min

Lab File: VW016732.D

Acq: 01 Oct 2020 12:39

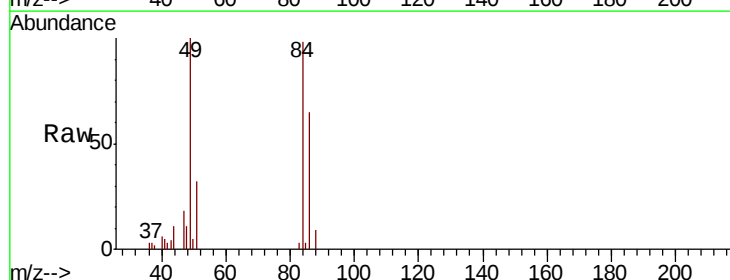
Tgt Ion: 84 Resp: 11386

Ion Ratio Lower Upper

84 100

49 102.2 76.0 141.2

86 66.8 45.6 84.6



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

4.94

4000

3000

2000

1000

0

4.80 4.90 5.00 5.10

Time-->

