

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017283.D
 Acq On : 17 Nov 2020 14:00
 Operator : SY/VA
 Sample : L4710-21RE
 Misc : 4.46G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY5RE

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:21 AM

Quant Time: Nov 18 03:59:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357963	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74791	16.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.36%
7) Chloroethane-d5	2.90	69	67217	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.40%
10) 1,1-Dichloroethene-d2	4.03	63	112367	13.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.72%
20) 2-Butanone-d5	7.08	46	28915	28.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.36%
24) Chloroform-d	7.65	84	170658	20.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	8.31	65	91069	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.68%
29) Benzene-d6	8.27	84	316119	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	9.27	67	90240	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.33	98	277227	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.04%
38) trans-1,3-Dichloropropene-	10.58	79	32311	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	21496	32.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60556	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	61332	19.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.44%

Target Compounds				Ovalue
13) Acetone	4.14	43	1384m	2.050 ug/L
16) Methylene chloride	4.93	84	14447m	2.994 ug/L

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

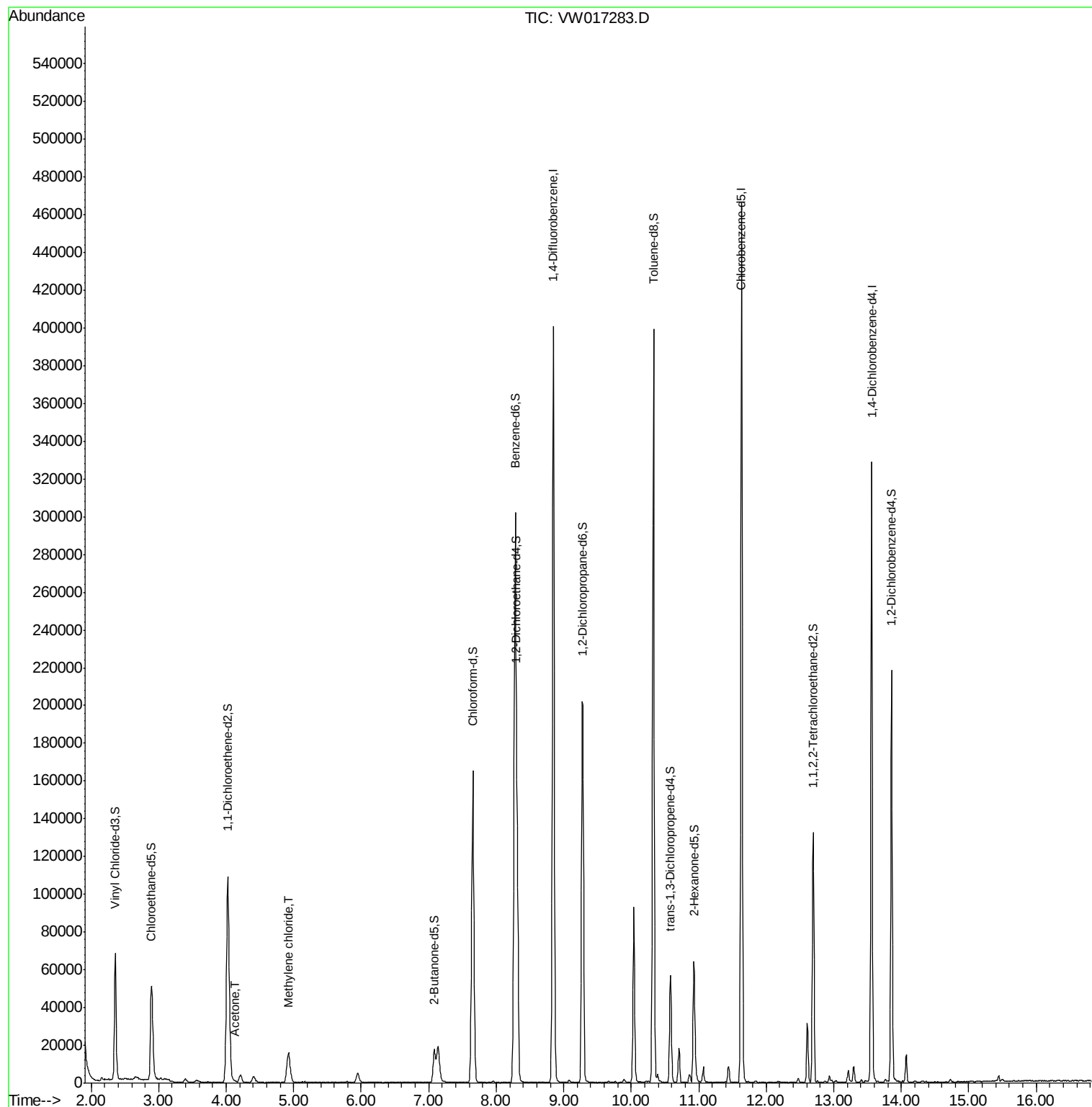
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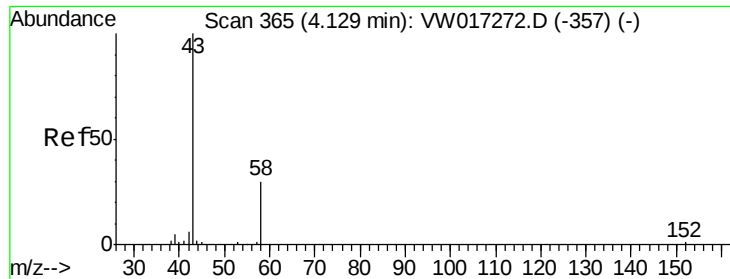
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#13

Acetone

Concen: 2.050 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017283.D

Acq: 17 Nov 2020 14:00

Tot Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 11.1 0.0 69.2

Instrument :

MSVOA_W

ClientSampleId :

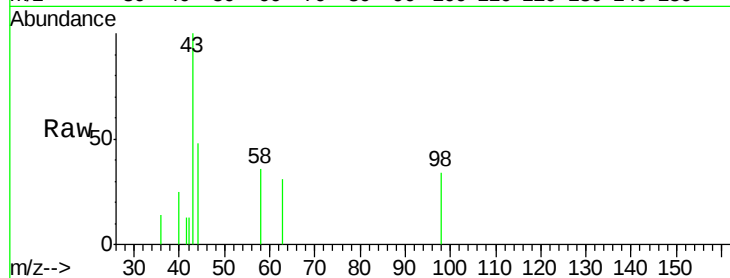
C0AY5RE

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

4.14

400

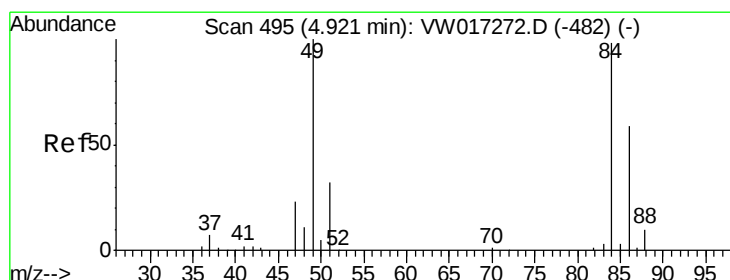
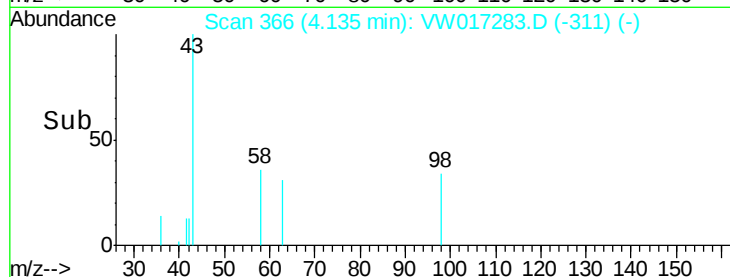
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 2.994 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017283.D

Acq: 17 Nov 2020 14:00

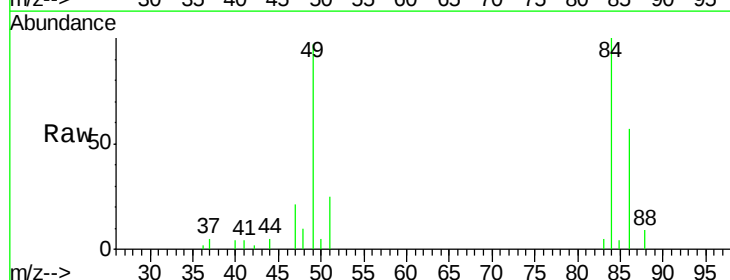
Tgt Ion: 84 Resp: 14447

Ion Ratio Lower Upper

84 100

49 97.1 72.3 134.3

86 56.8 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

4.93

6000

5000

4000

3000

2000

1000

0

Time-->

