

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009891.D
 Acq On : 10 Apr 2019 20:38
 Operator : SY/VA
 Sample : K2340-14
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N8

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:16 AM

Quant Time: Apr 11 05:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	511215	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483644	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117788	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.89	69	110897	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
10) 1,1-Dichloroethene-d2	4.01	63	222734	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	101360	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
24) Chloroform-d	7.65	84	337408	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.30	65	211995m	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.00%
29) Benzene-d6	8.27	84	603771	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	199461	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.76%
37) Toluene-d8	10.32	98	519706	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.56%
38) trans-1,3-Dichloropropene-	10.58	79	76208	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.52%
39) 2-Hexanone-d5	10.93	63	63461	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	167153	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	183463	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds					Ovalue
13) Acetone	4.12	43	8411	3.614 ug/L	90
16) Methylene chloride	4.92	84	28703	3.184 ug/L	96
47) Tetrachloroethene	10.86	164	9084	1.515 ug/L	91

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

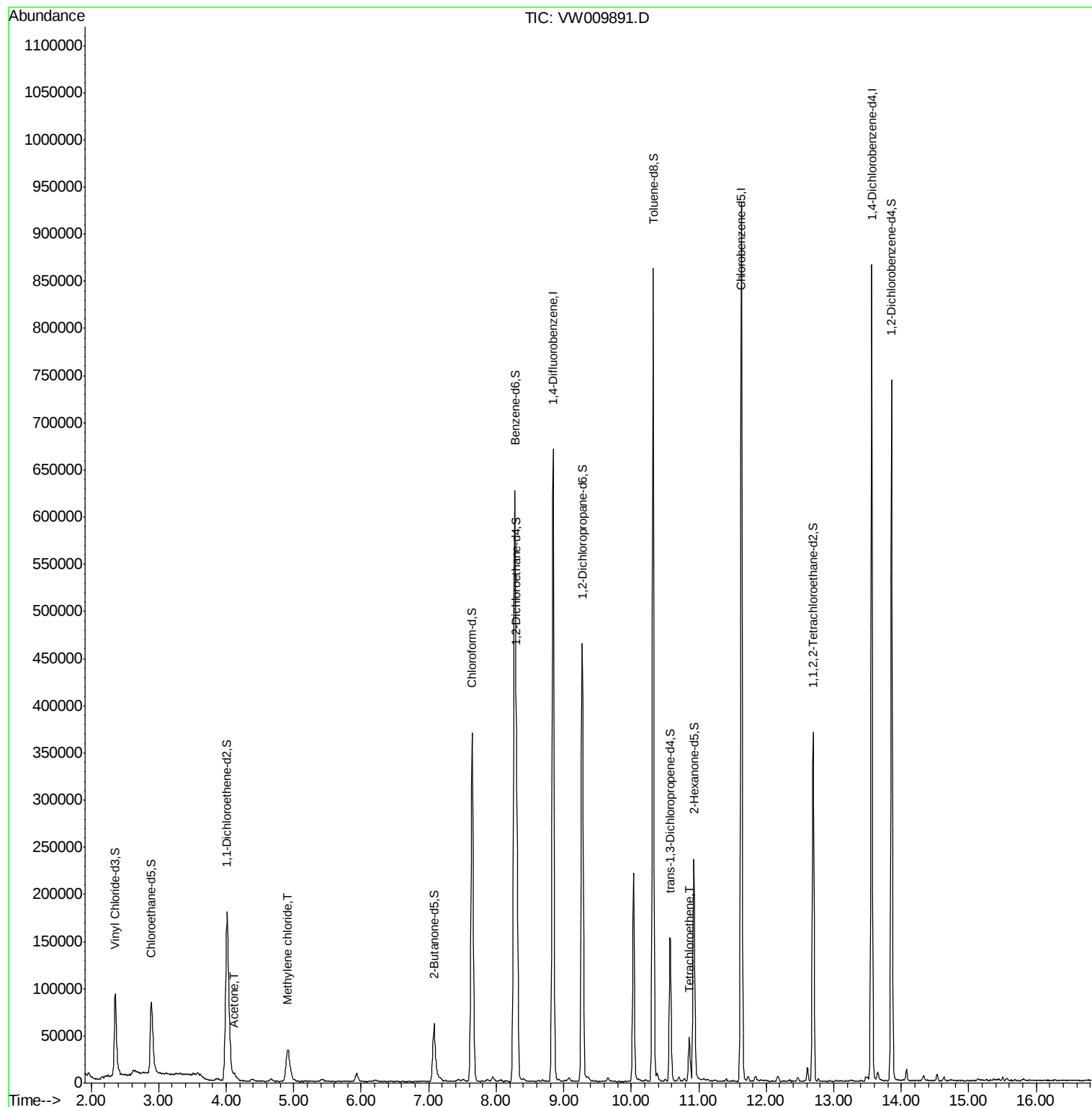
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041019\
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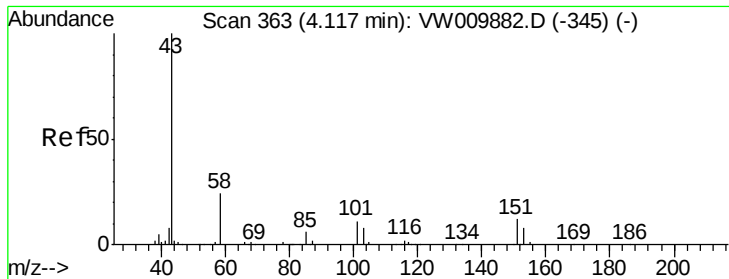
Instrument :
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#13

Acetone

Concen: 3.614 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009891.D

Acq: 10 Apr 2019 20:38

Instrument :

MSVOA_W

ClientSampleId :

BF2N8

Tot Ion: 43 Resp: 8411

Ion Ratio Lower Upper

43 100

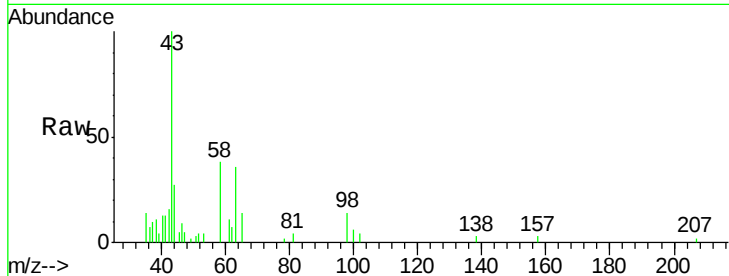
58 31.8 0.0 53.0

Manual Integrations

APPROVED

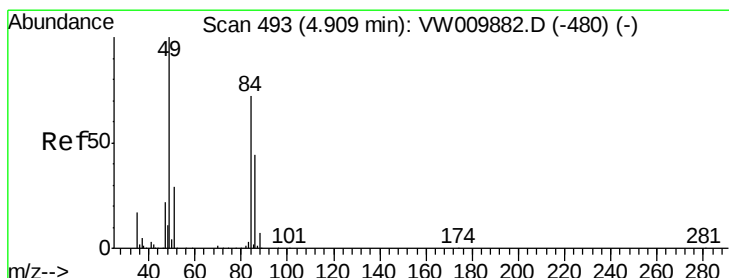
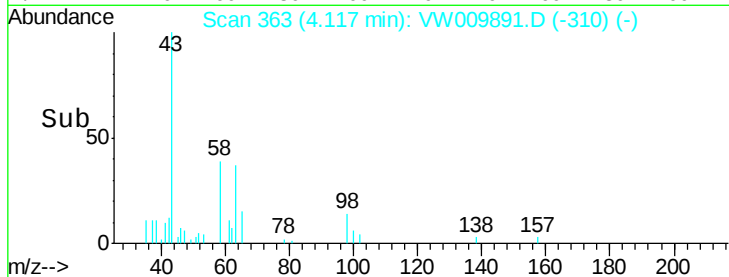
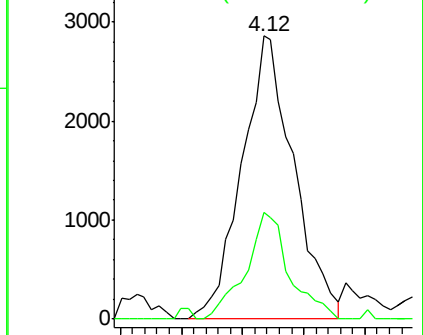
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4/15/2019 12:33:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.184 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009891.D

Acq: 10 Apr 2019 20:38

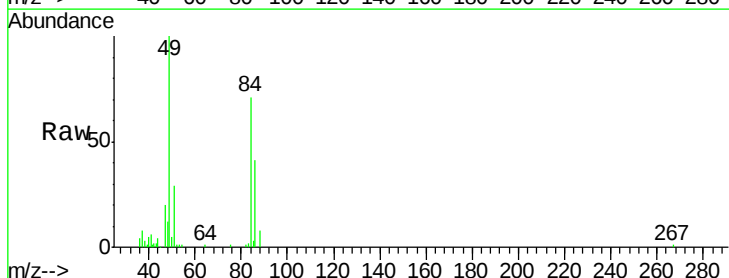
Tgt Ion: 84 Resp: 28703

Ion Ratio Lower Upper

84 100

49 140.2 98.3 182.5

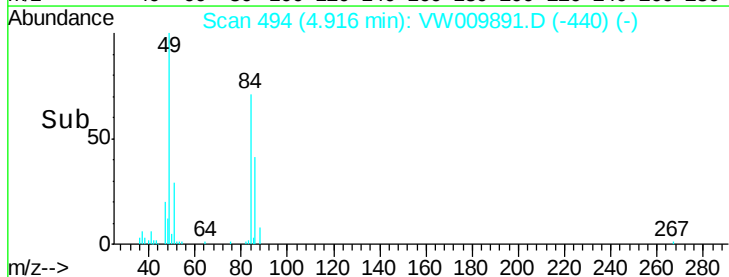
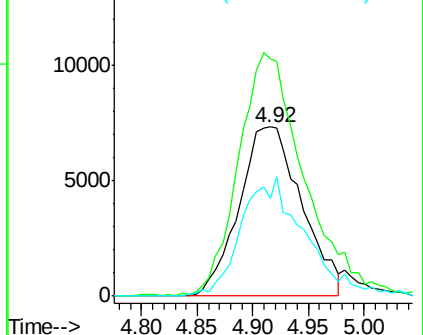
86 57.9 46.4 86.2

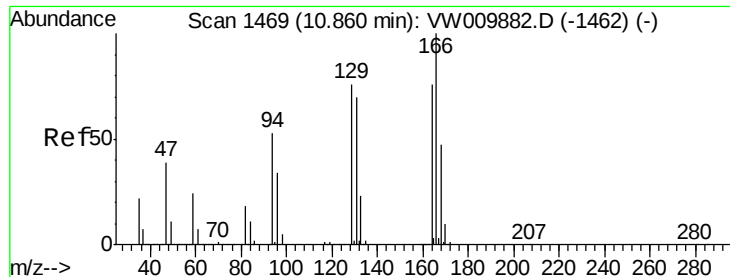


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47

Tetrachloroethene

Concen: 1.515 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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ClientSampleId :

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Tot Ion:164 Resp: 9084

Ion Ratio Lower Upper

164 100

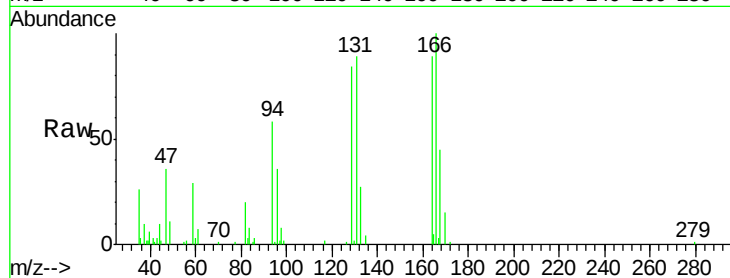
129 96.7 68.9 127.9

131 100.8 63.1 117.1

166 112.8 88.5 164.4

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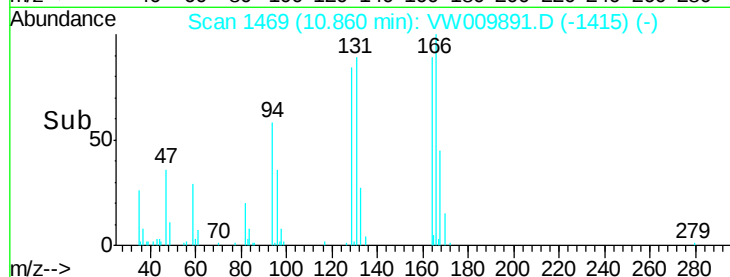


Abundance Ion 164.00 (163.70 to 164.70): V

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



Time--> 10.80 10.85 10.90