

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010193.D
 Acq On : 29 Apr 2019 21:19
 Operator : SY/VA
 Sample : K2606-12
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5146

Quant Time: Apr 30 05:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	561853	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	266364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93462	14.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.64%
7) Chloroethane-d5	2.89	69	84326	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.56%
10) 1,1-Dichloroethene-d2	4.01	63	161913	11.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.68%
20) 2-Butanone-d5	7.08	46	140546	59.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.58%
24) Chloroform-d	7.65	84	282150	19.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.52%
26) 1,2-Dichloroethane-d4	8.31	65	180504	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.32%
29) Benzene-d6	8.27	84	491627	16.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.00%
33) 1,2-Dichloropropane-d6	9.27	67	172915	18.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.16%
37) Toluene-d8	10.32	98	428216	15.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.24%
38) trans-1,3-Dichloropropene-	10.58	79	78203	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.84%
39) 2-Hexanone-d5	10.93	63	120216	60.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	213329	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	208403	21.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.24%

Target Compounds

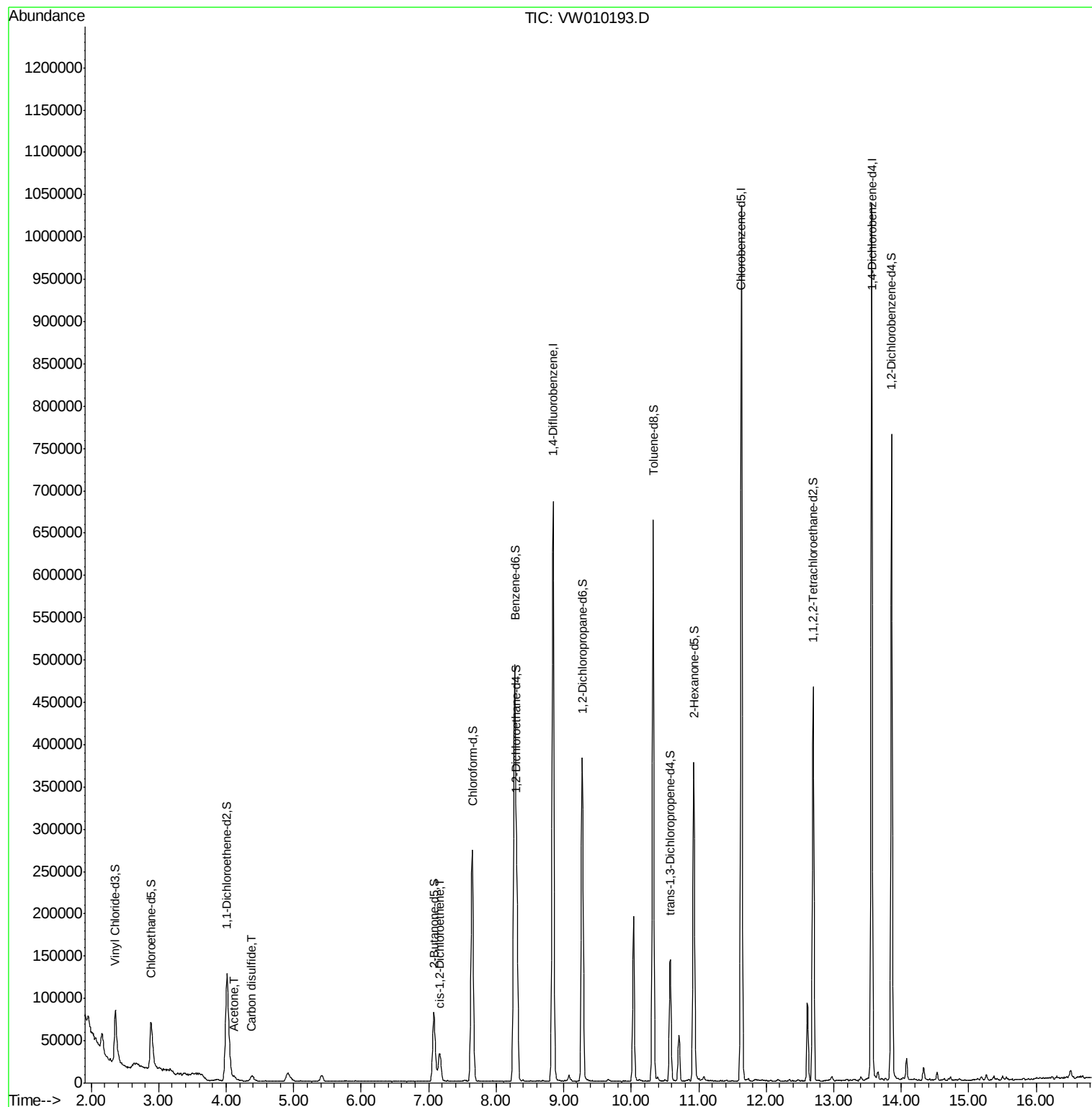
					Ovalue
13) Acetone	4.11	43	5744	3.092 ug/L	91
14) Carbon disulfide	4.37	76	12218	0.622 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	17688	2.270 ug/L	93

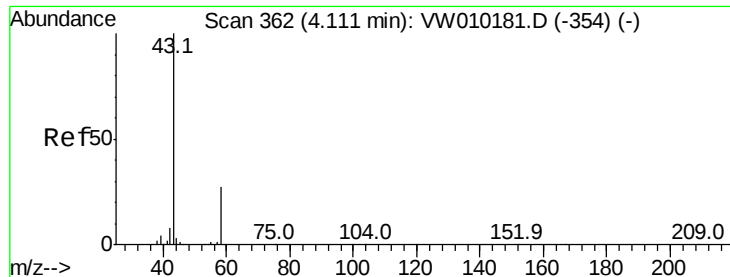
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.092 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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ClientSampleId :

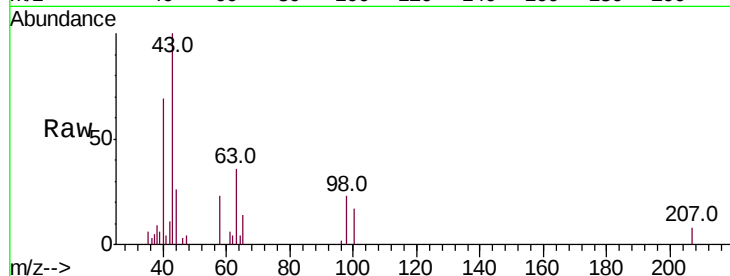
A5146

Tot Ion: 43 Resp: 5744

Ion Ratio Lower Upper

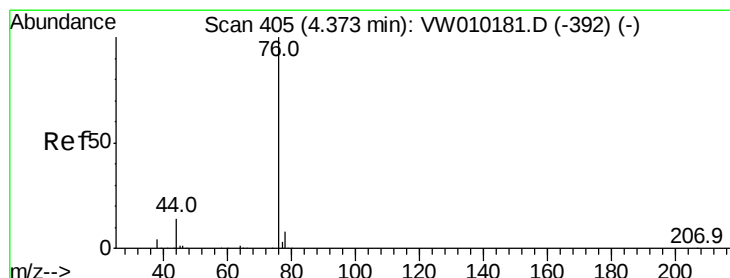
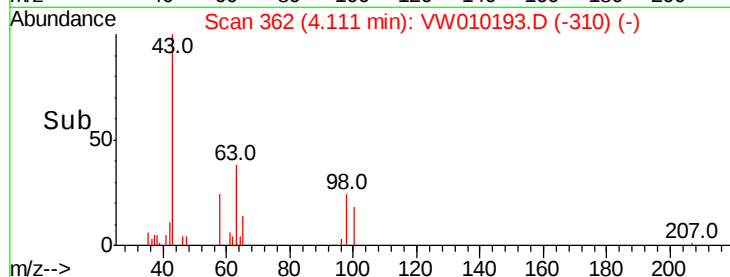
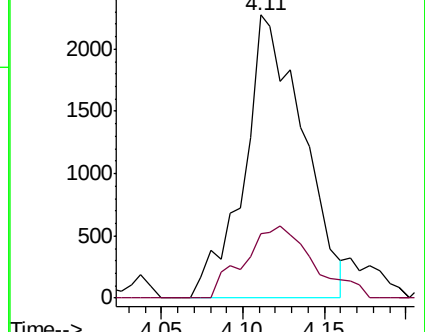
43 100

58 25.3 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.622 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010193.D

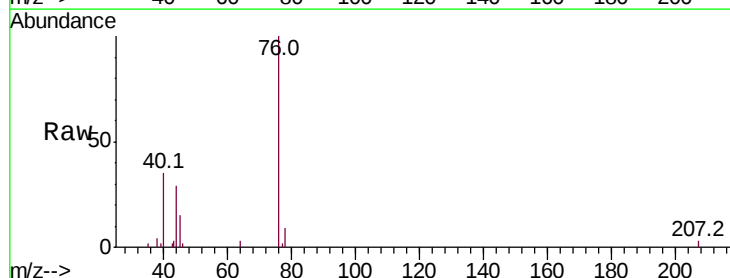
Acq: 29 Apr 2019 21:19

Tgt Ion: 76 Resp: 12218

Ion Ratio Lower Upper

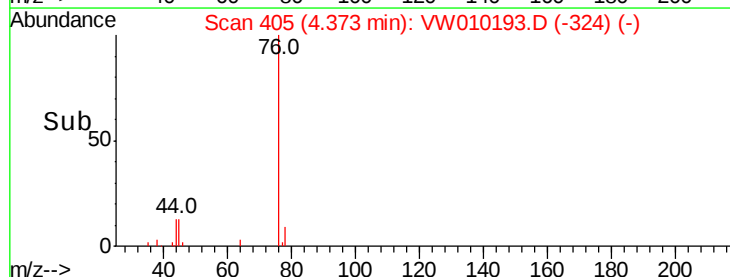
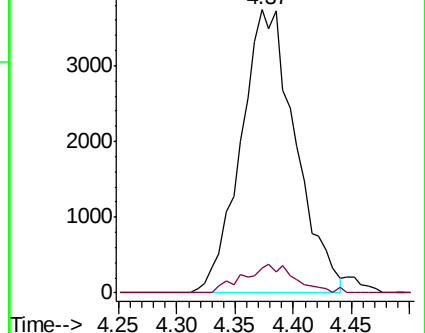
76 100

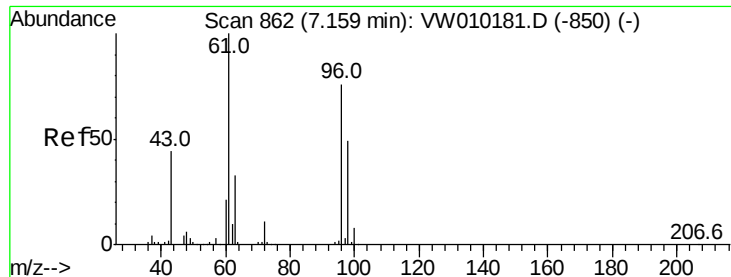
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#22

cis-1,2-Dichloroethene

Concen: 2.270 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

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Tot Ion: 96 Resp: 17688

Ion Ratio Lower Upper

96 100

61 117.9 90.0 167.2

98 63.9 42.8 79.6

