

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
 Data File : VW009986.D
 Acq On : 15 Apr 2019 22:18
 Operator : SY/VA
 Sample : K2403-01
 Misc : 5.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5101

Quant Time: Apr 16 01:56:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	218633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	201087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58629	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65214	31.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.24%
7) Chloroethane-d5	2.89	69	57807	27.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.48%
10) 1,1-Dichloroethene-d2	4.01	63	124276	21.69	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.76%
20) 2-Butanone-d5	7.07	46	90035	80.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.12%#
24) Chloroform-d	7.65	84	159609	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	108925	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.08%
29) Benzene-d6	8.27	84	279408	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	9.27	67	93778	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.56%
37) Toluene-d8	10.32	98	221721	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.58	79	39694	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.93	63	60244	77.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.48%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90162	27.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	52218	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

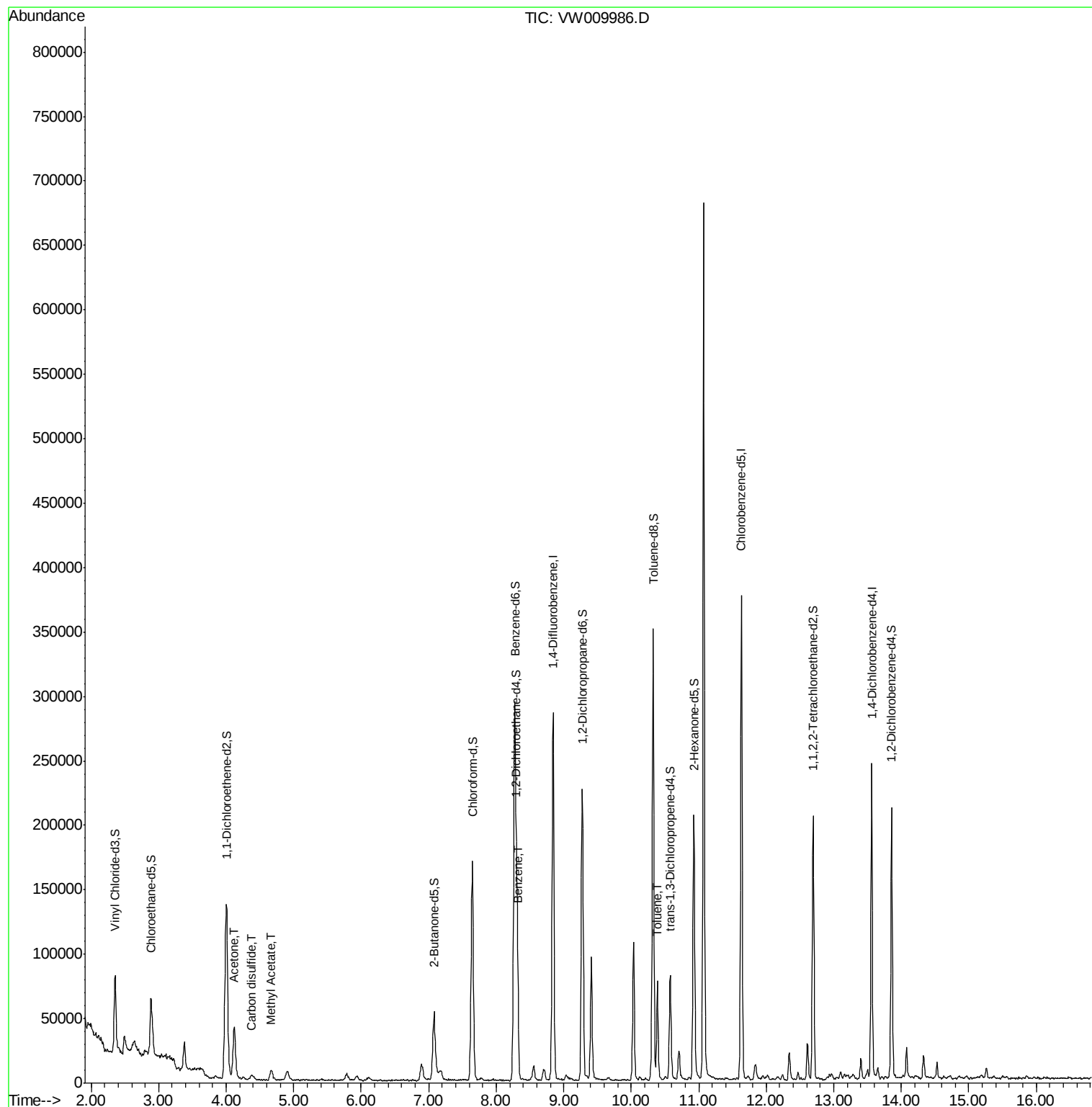
					Qvalue
13) Acetone	4.12	43	70640	71.076 ug/L	97
14) Carbon disulfide	4.37	76	4623	0.618 ug/L #	87
15) Methyl Acetate	4.67	43	14170	7.064 ug/L #	76
34) Benzene	8.32	78	7410	0.626 ug/L	100
44) Toluene	10.38	91	50497	4.018 ug/L	95

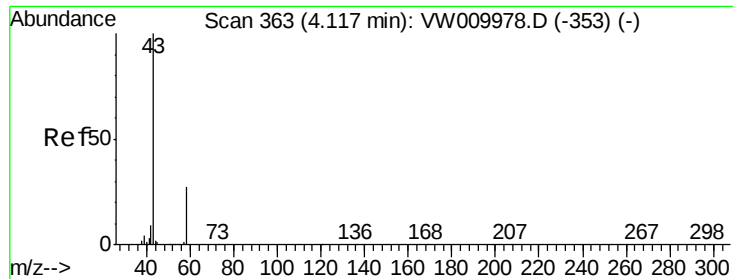
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 71.076 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

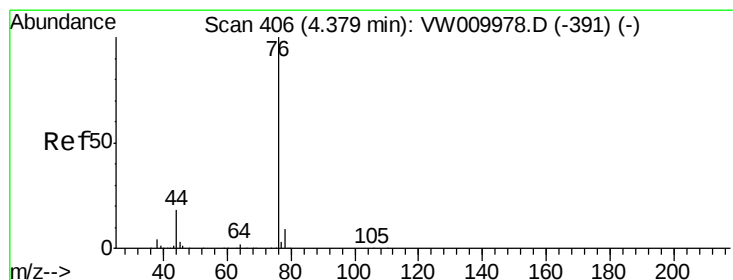
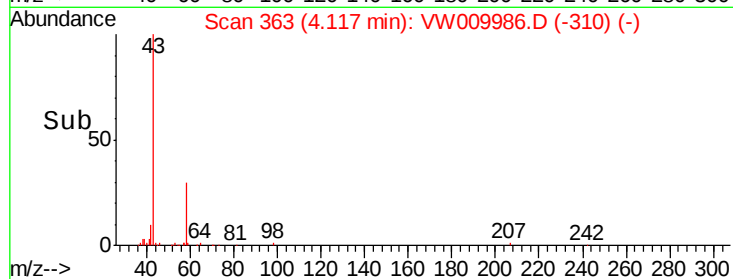
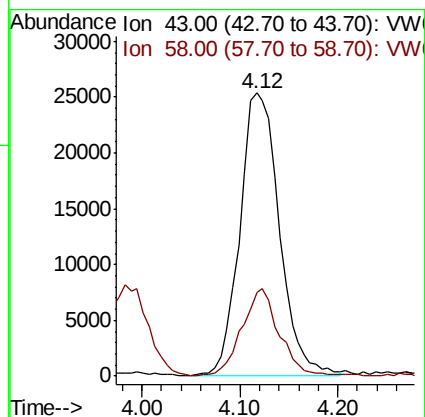
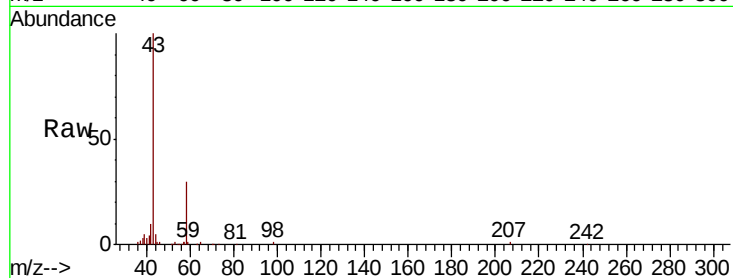
A5101

Tgt Ion: 43 Resp: 70640

Ion Ratio Lower Upper

43 100

58 29.6 0.0 56.2



#14

Carbon disulfide

Concen: 0.618 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

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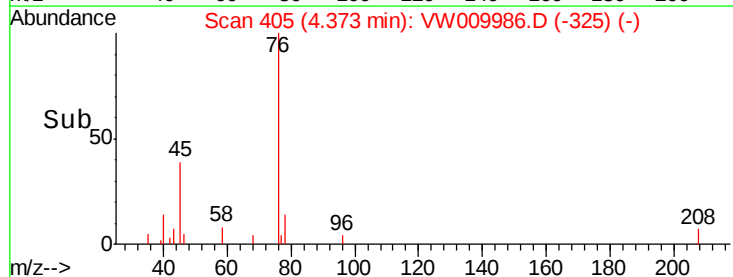
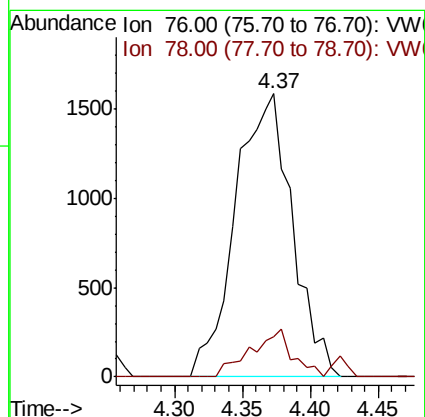
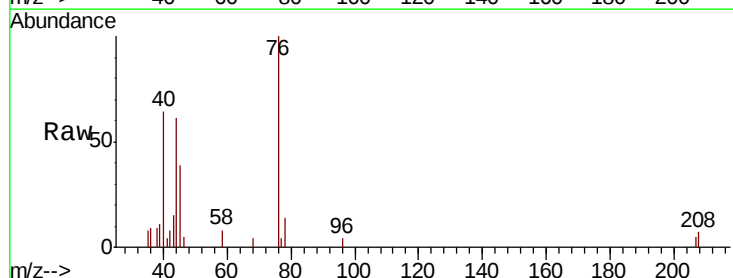
Acq: 15 Apr 2019 22:18

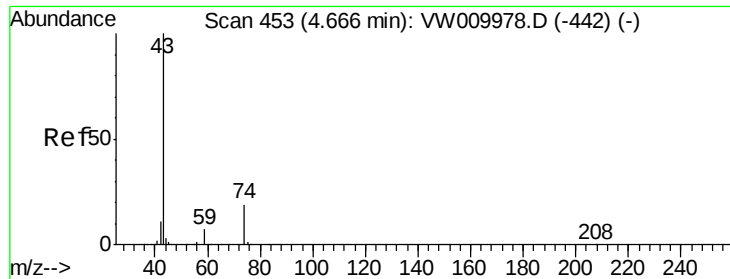
Tgt Ion: 76 Resp: 4623

Ion Ratio Lower Upper

76 100

78 14.2 7.5 11.3#

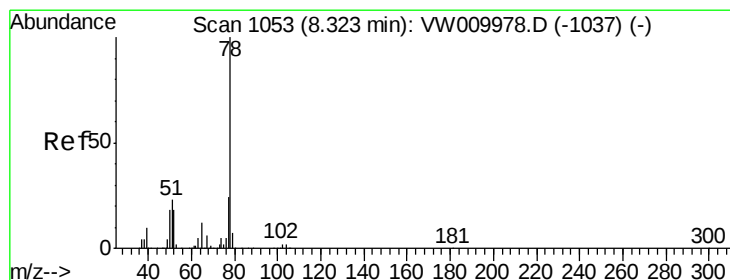
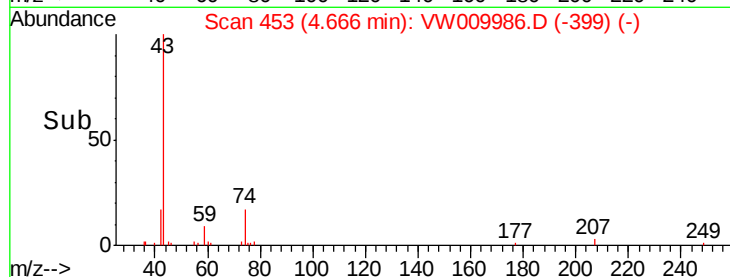
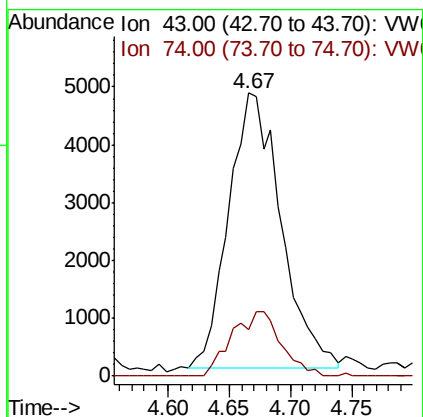
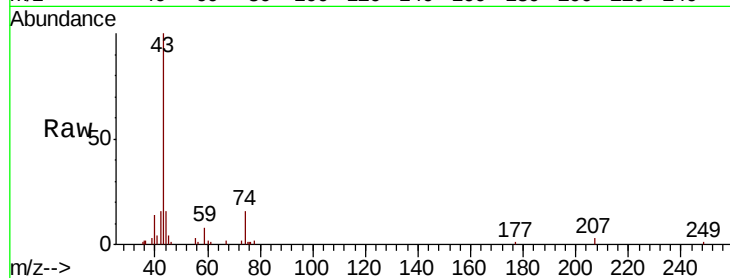




#15
Methyl Acetate
Concen: 7.064 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
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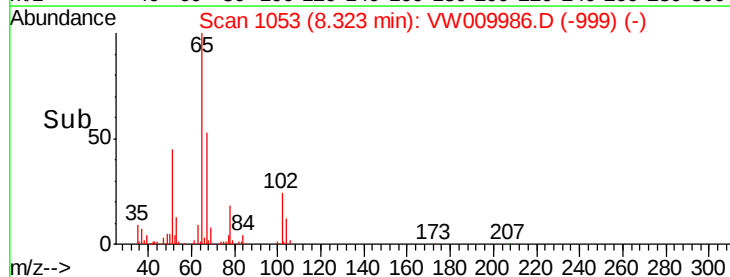
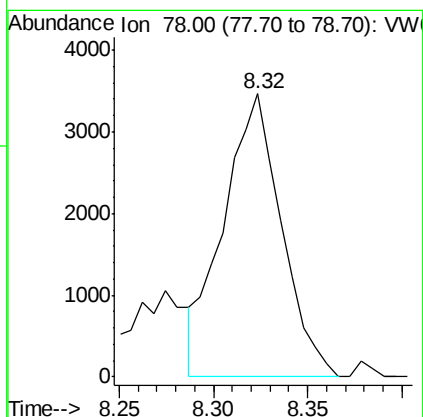
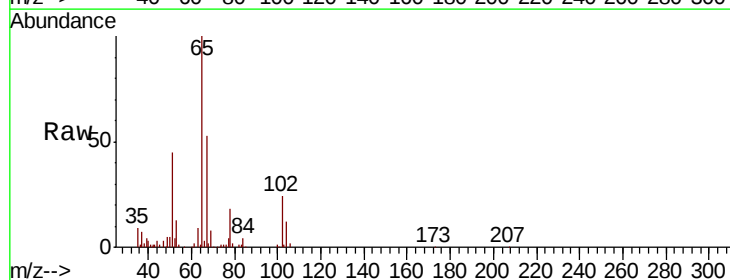
Instrument :
MSVOA_W
ClientSampled :
A5101

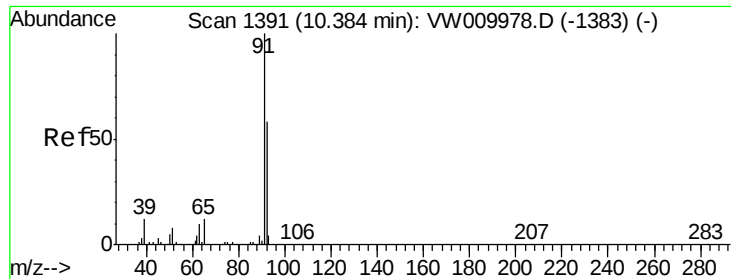
Tgt Ion: 43 Resp: 14170
Ion Ratio Lower Upper
43 100
74 9.3 16.2 24.4#



#34
Benzene
Concen: 0.626 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009986.D
Acq: 15 Apr 2019 22:18

Tgt Ion: 78 Resp: 7410





#44

Toluene

Concen: 4.018 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009986.D

Acq: 15 Apr 2019 22:18

Instrument :

MSVOA_W

ClientSampleId :

A5101

Tgt Ion: 91 Resp: 50497

Ion Ratio Lower Upper

91 100

92 53.0 39.8 74.0

