

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009434.D
 Acq On : 25 Mar 2019 18:29
 Operator : SY/VA
 Sample : K2031-19RE
 Misc : 3.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S9RE

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:25 PM

Quant Time: Mar 26 09:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89744	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	100308	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	4.01	63	144781	15.94	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.76%
20) 2-Butanone-d5	7.08	46	71264	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	7.64	84	210435	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	122585m	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.27	84	368085	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	113844	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	10.32	98	277545	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.57	79	40154	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.32%
39) 2-Hexanone-d5	10.93	63	42711	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70743	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	54594	19.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	15194	10.659 ug/L	70
14) Carbon disulfide	4.37	76	146465	12.565 ug/L	99
16) Methylene chloride	4.91	84	31443	6.130 ug/L	96
44) Toluene	10.38	91	6922	0.463 ug/L	94

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

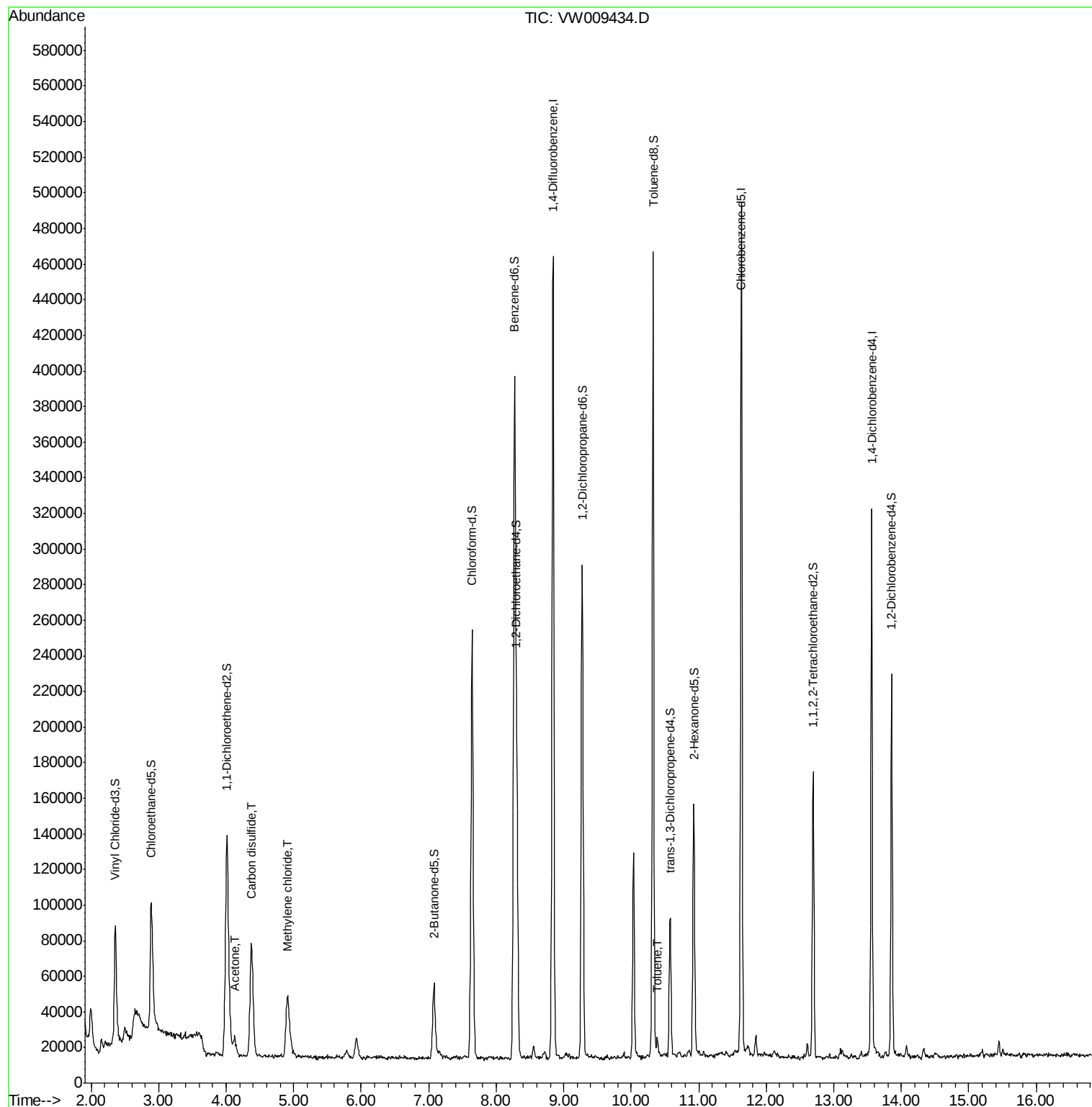
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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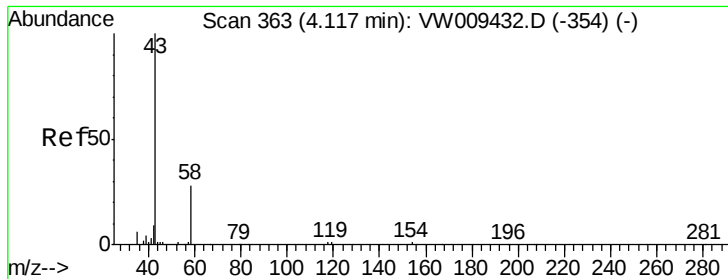
Instrument :
MSVOA_W
ClientSampleId :
BF5S9RE

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Quant Time: Mar 26 09:14:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.659 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009434.D

Acq: 25 Mar 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

BF5S9RE

Tot Ion: 43 Resp: 15194

Ion Ratio Lower Upper

43 100

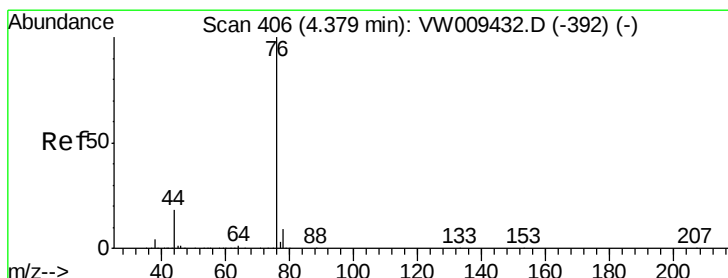
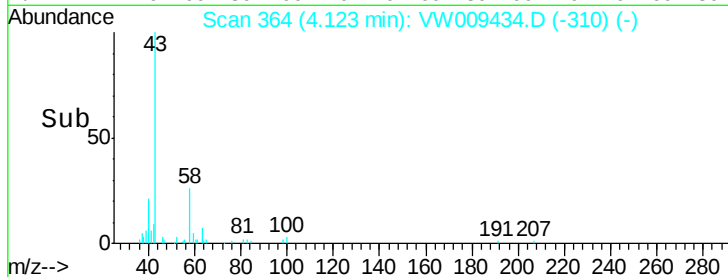
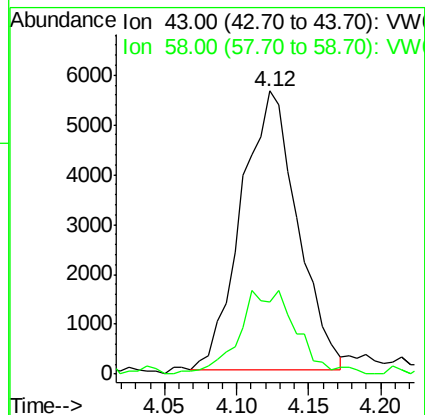
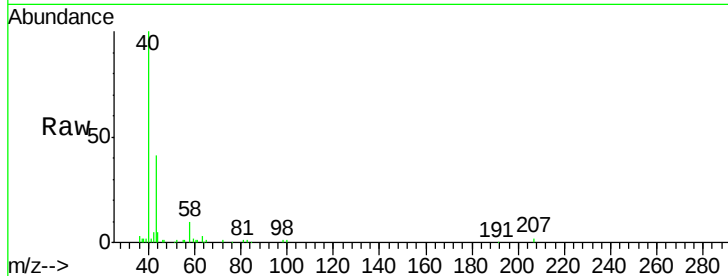
58 12.1 0.0 56.2

Manual Integrations

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3/27/2019 12:14:25 PM



#14

Carbon disulfide

Concen: 12.565 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009434.D

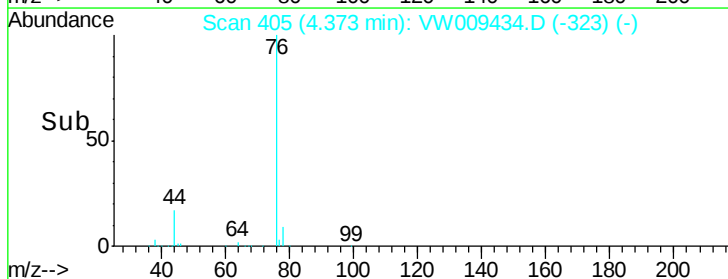
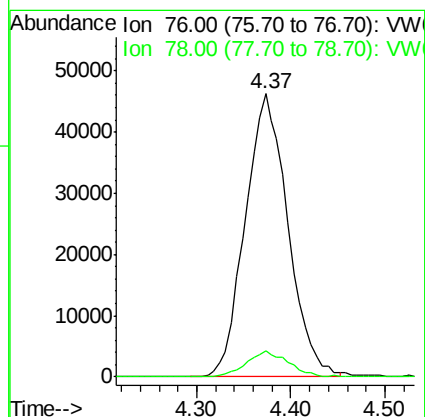
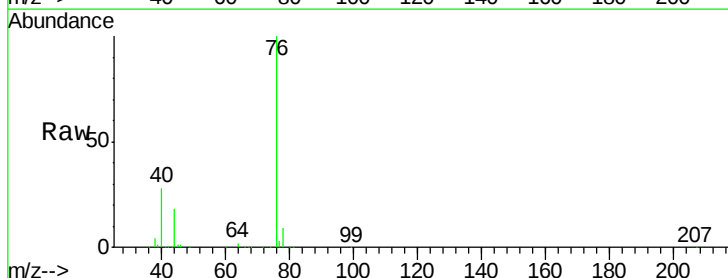
Acq: 25 Mar 2019 18:29

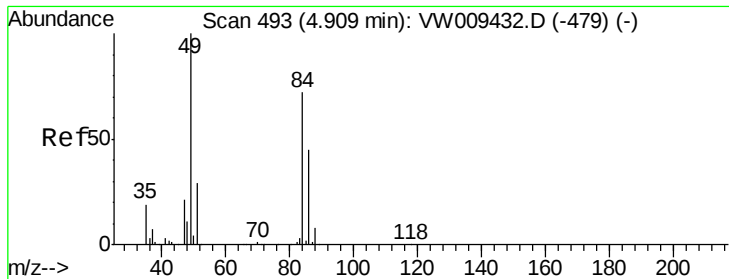
Tgt Ion: 76 Resp: 146465

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





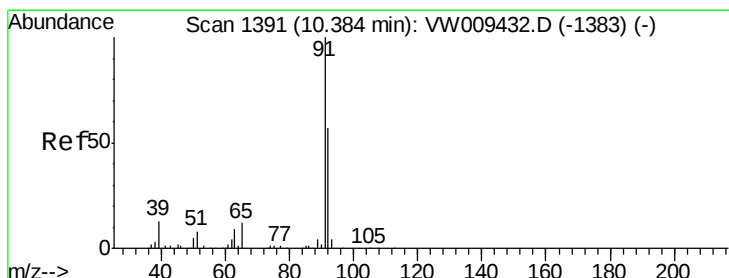
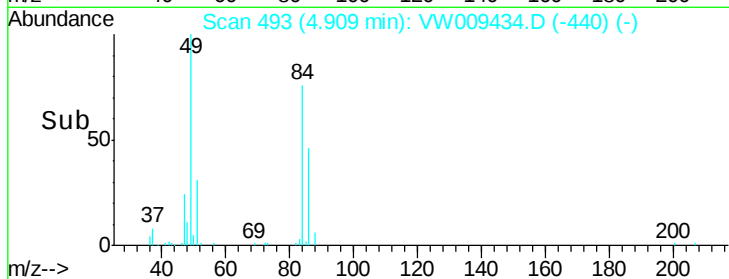
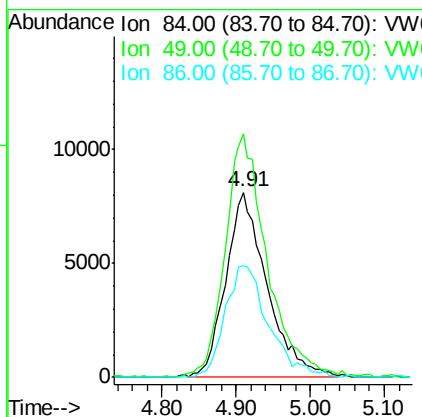
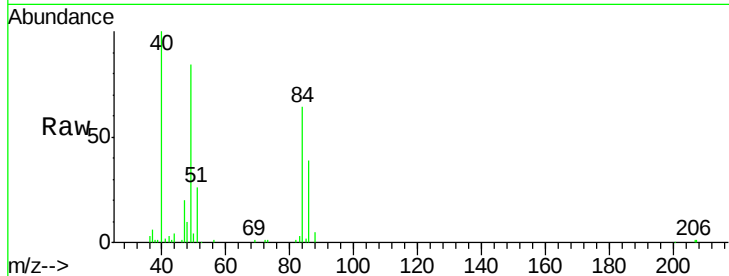
#16
Methvlene chloride
Concen: 6.130 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009434.D
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Instrument :
MSVOA_W
ClientSampled :
BF5S9RE

Tot Ion	84	Resp	31443
Ion Ratio	Lower	Upper	
84	100		
49	131.4	96.0	178.2
86	60.5	44.4	82.5

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#44
Toluene
Concen: 0.463 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
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Tgt Ion	91	Resp	6922
Ion Ratio	Lower	Upper	
91	100		
92	52.5	39.8	73.8

