

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009462.D
 Acq On : 26 Mar 2019 13:07
 Operator : SY/VA
 Sample : K2065-10
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L3

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:36:23 PM

Quant Time: Mar 27 07:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	411794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98069	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
7) Chloroethane-d5	2.89	69	108888	18.91	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.64%
10) 1,1-Dichloroethene-d2	4.01	63	164090	15.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.72%
20) 2-Butanone-d5	7.08	46	75143	36.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.84%
24) Chloroform-d	7.64	84	257832	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	8.31	65	147402	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
29) Benzene-d6	8.27	84	456070	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	9.27	67	146654	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.32	98	395640	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	57859	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	10.93	63	54801	36.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121710	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	142399	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds					Ovalue
13) Acetone	4.13	43	41255	24.720	ug/L 98
14) Carbon disulfide	4.38	76	10000m	0.733	ug/L
16) Methylene chloride	4.92	84	16371m	2.726	ug/L
21) 2-Butanone	7.18	43	11016m	4.781	ug/L

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

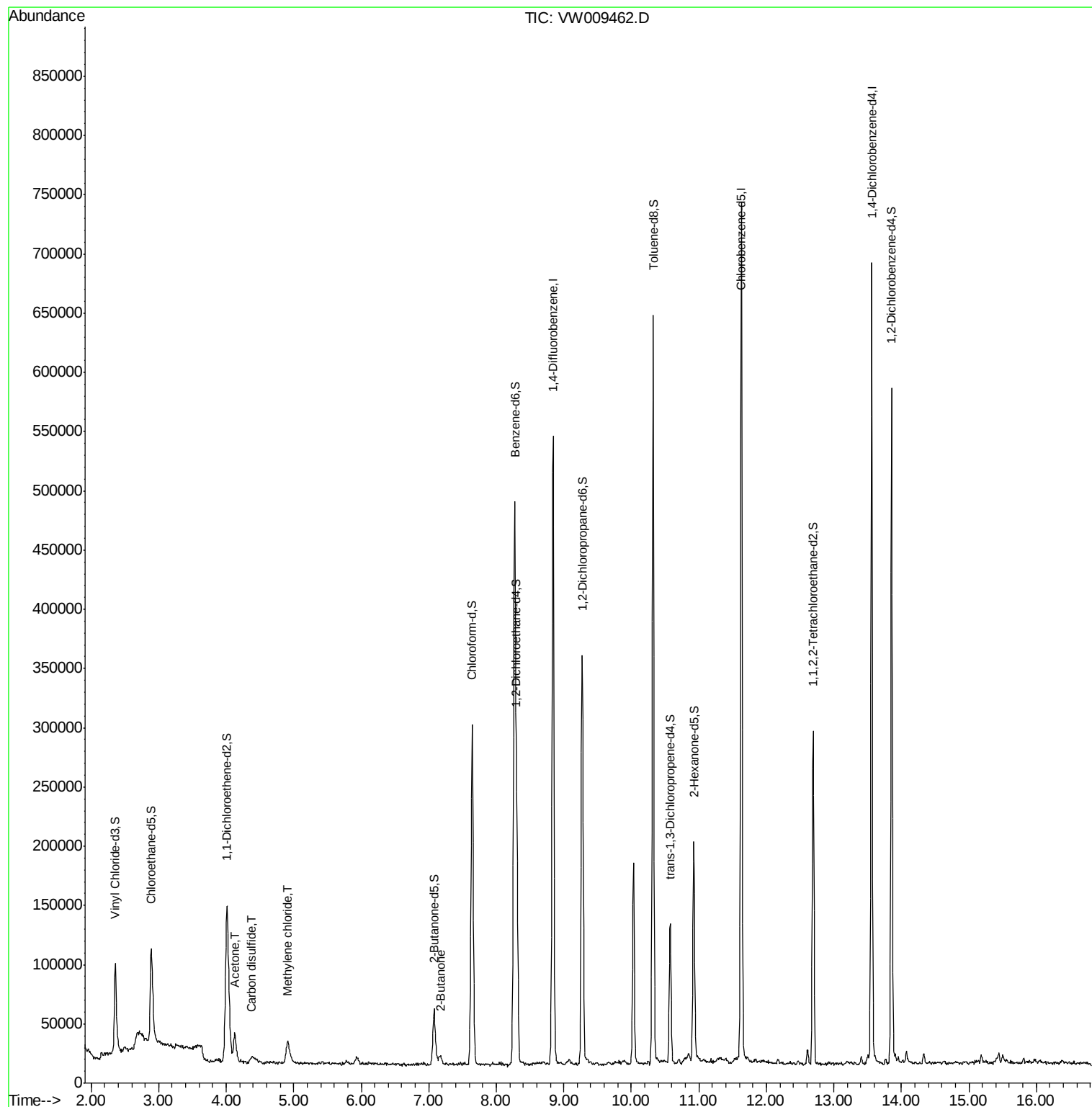
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009462.D
Acq On : 26 Mar 2019 13:07
Operator : SY/VA
Sample : K2065-10
Misc : 6.37G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

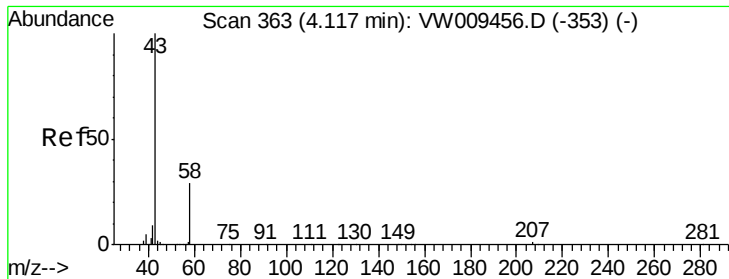
Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:36:23 PM

Quant Time: Mar 27 07:00:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 24.720 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009462.D

Acq: 26 Mar 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

BF5L3

Tot Ion: 43 Resp: 41255

Ion Ratio Lower Upper

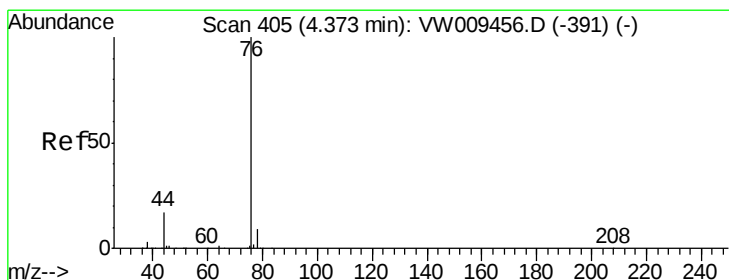
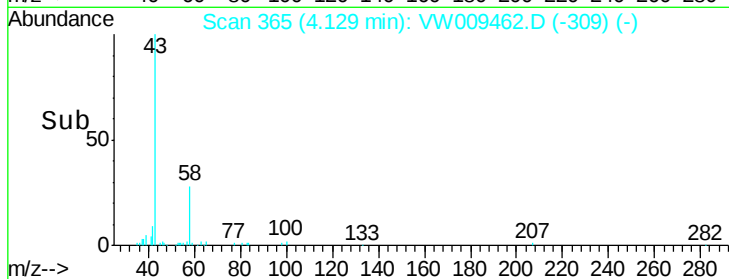
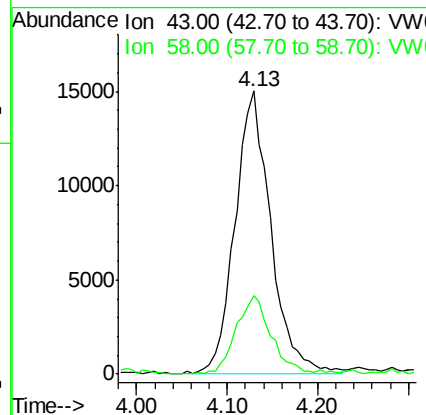
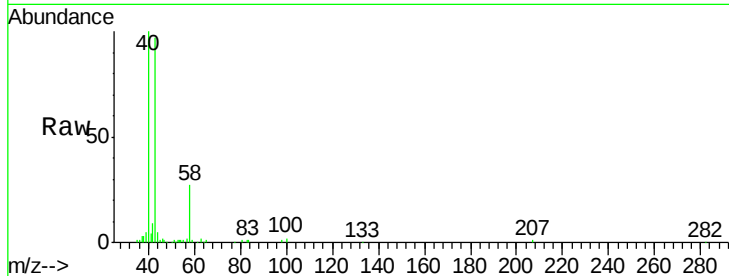
43 100

58 26.8 0.0 56.2

Manual Integrations
APPROVED

MMDadoda

3/30/2019 12:36:23 PM



#14

Carbon disulfide

Concen: 0.733 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009462.D

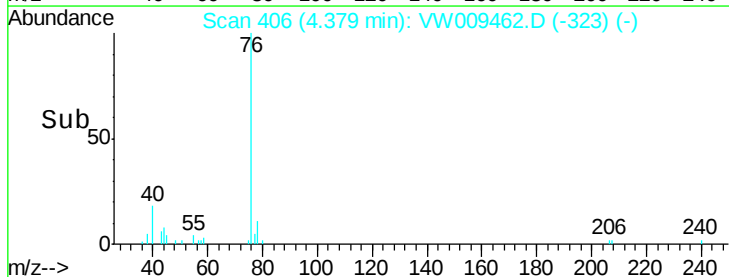
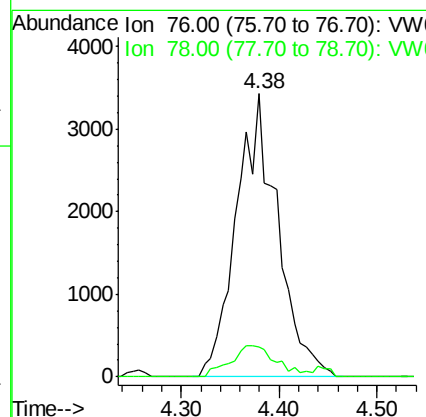
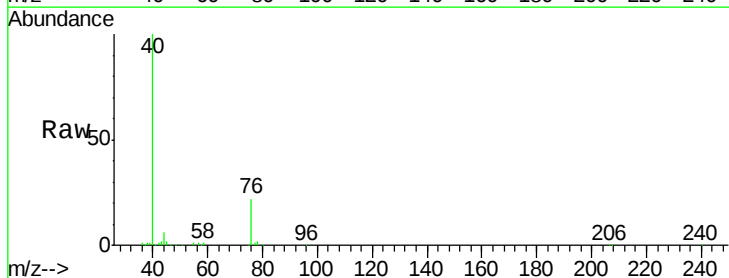
Acq: 26 Mar 2019 13:07

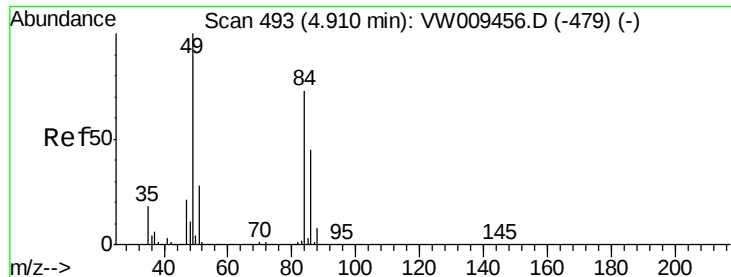
Tgt Ion: 76 Resp: 10000

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9





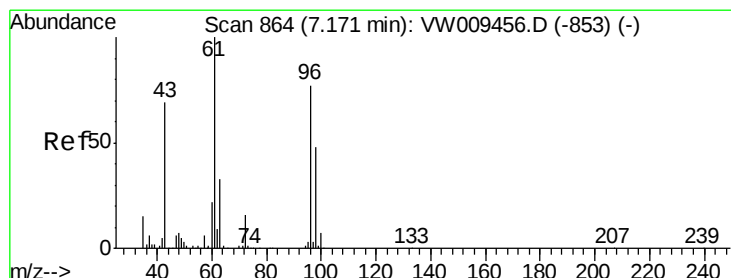
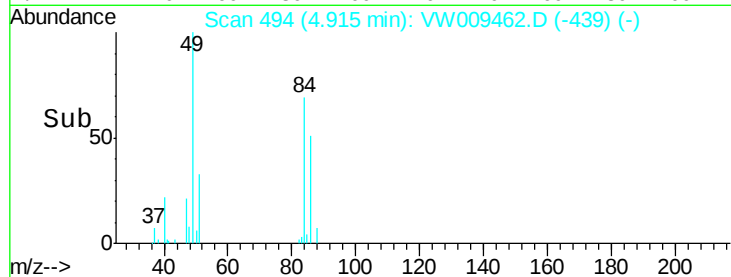
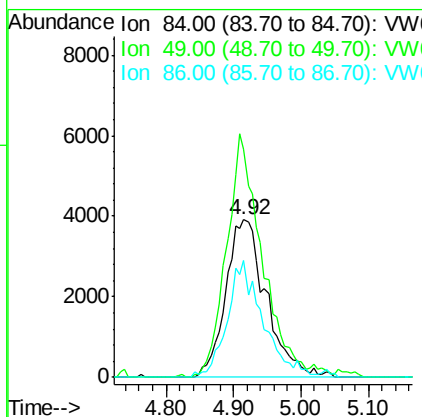
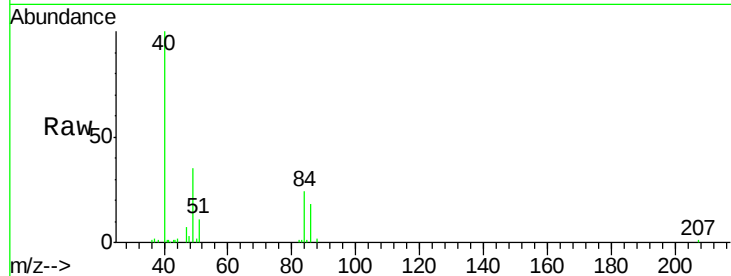
#16
Methvlene chloride
Concen: 2.726 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009462.D
Acq: 26 Mar 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
BF5L3

Tot Ion	84	Resp	16371
Ion	Ratio	Lower	Upper
84	100		
49	145.5	96.0	178.2
86	74.0	44.4	82.5

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:36:23 PM



#21
2-Butanone
Concen: 4.781 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW009462.D
Acq: 26 Mar 2019 13:07

Tgt Ion	43	Resp	11016
Ion	Ratio	Lower	Upper
43	100		
72	20.0	13.1	39.1

