

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009430.D
 Acq On : 25 Mar 2019 16:08
 Operator : SY/VA
 Sample : K2031-20
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T0

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:13:19 PM

Quant Time: Mar 26 08:58:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	399032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100901	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	110572	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.28%
10) 1,1-Dichloroethene-d2	4.01	63	159285	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.08	46	105422	53.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.92%
24) Chloroform-d	7.65	84	253707	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	8.30	65	164679m	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%
29) Benzene-d6	8.27	84	449803	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	150079	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	365087	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	65520	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.16%
39) 2-Hexanone-d5	10.93	63	75860	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145113	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	112359	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

					Ovalue
13) Acetone	4.12	43	63627	39.345	ug/L 100
14) Carbon disulfide	4.38	76	16248	1.229	ug/L 96
16) Methylene chloride	4.92	84	26480m	4.551	ug/L
21) 2-Butanone	7.17	43	17734m	7.942	ug/L

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

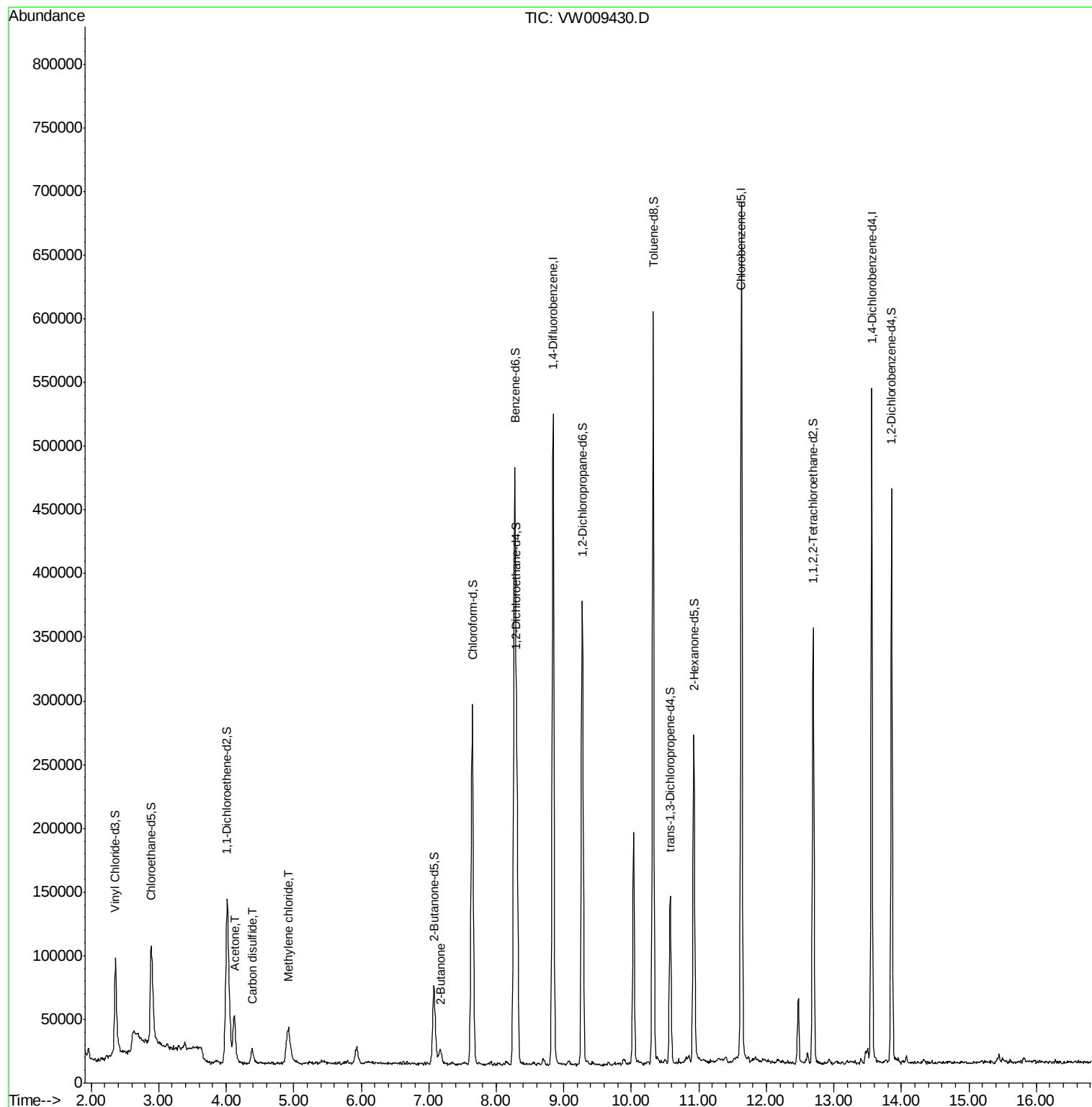
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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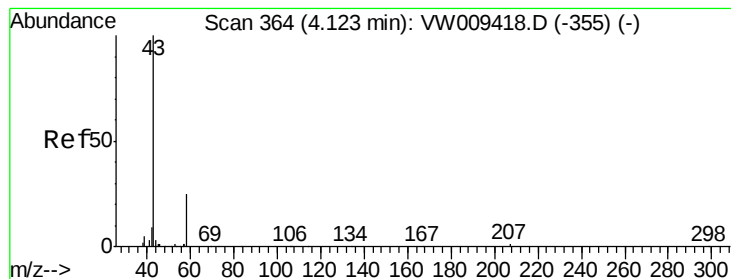
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 39.345 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009430.D

Acq: 25 Mar 2019 16:08

Instrument :

MSVOA_W

ClientSampled :

BF5T0

Tot Ion: 43 Resp: 63627

Ion Ratio Lower Upper

43 100

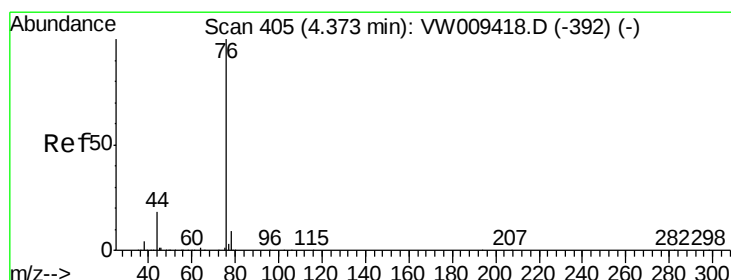
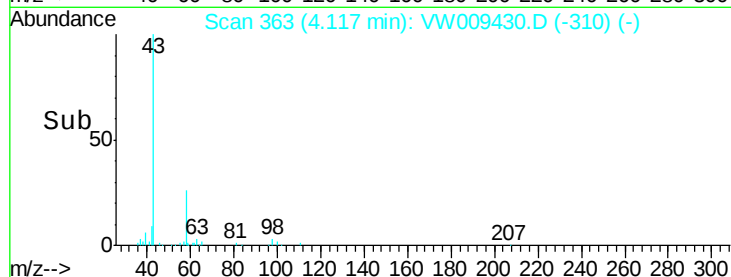
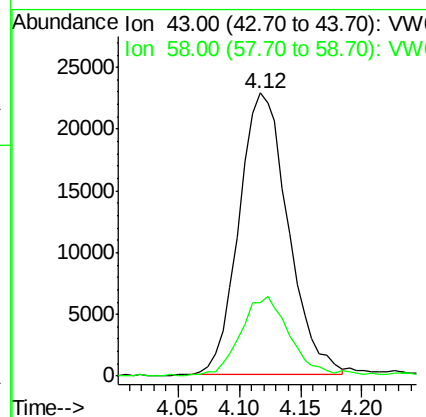
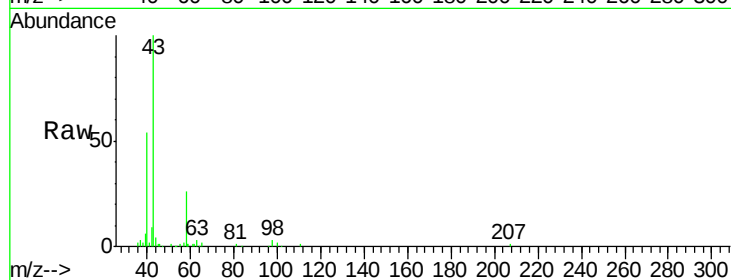
58 28.1 0.0 56.2

Manual Integrations

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3/27/2019 12:13:19 PM



#14

Carbon disulfide

Concen: 1.229 ug/L

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW009430.D

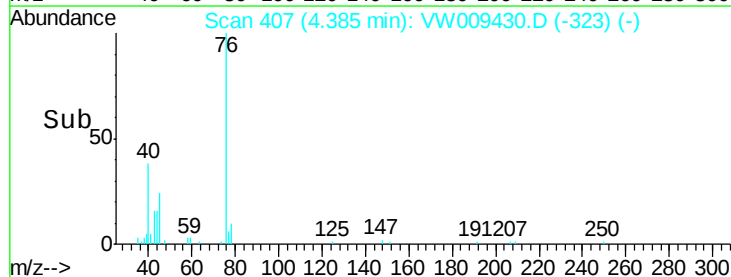
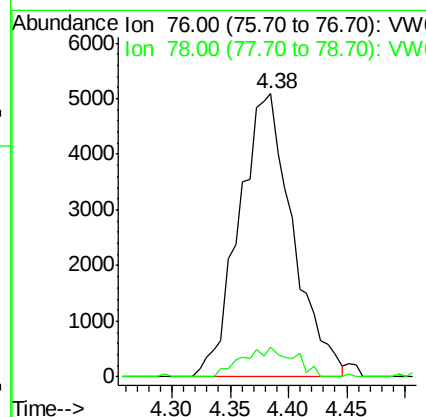
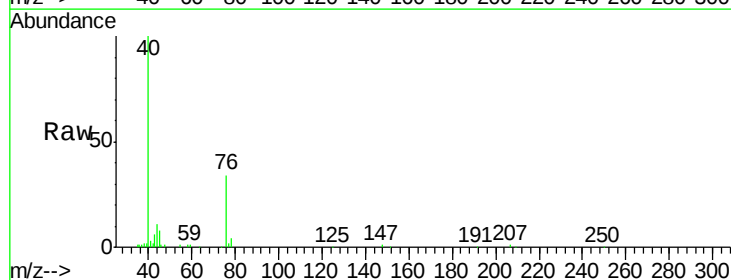
Acq: 25 Mar 2019 16:08

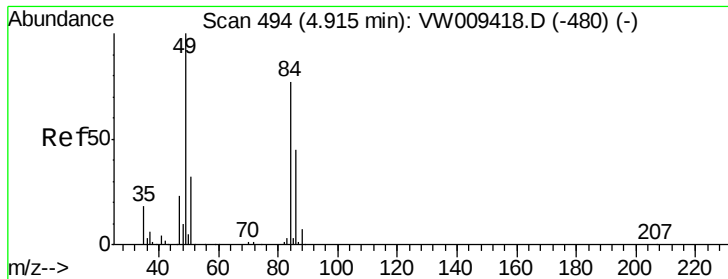
Tgt Ion: 76 Resp: 16248

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9





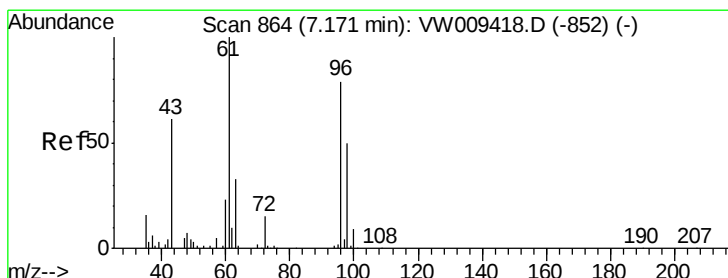
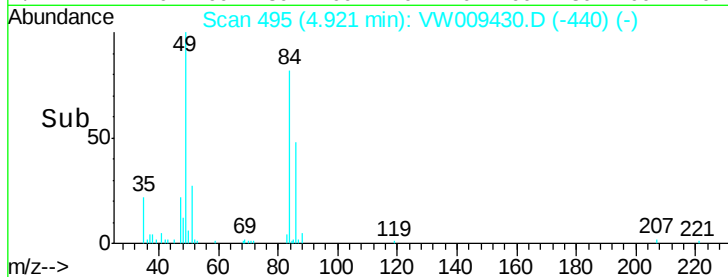
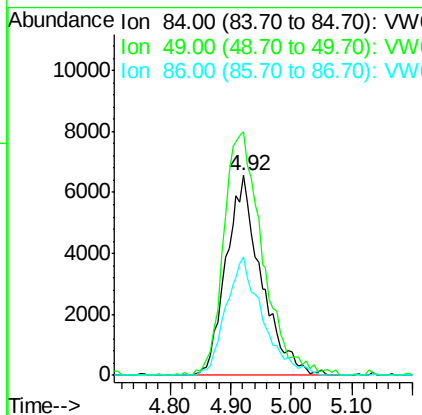
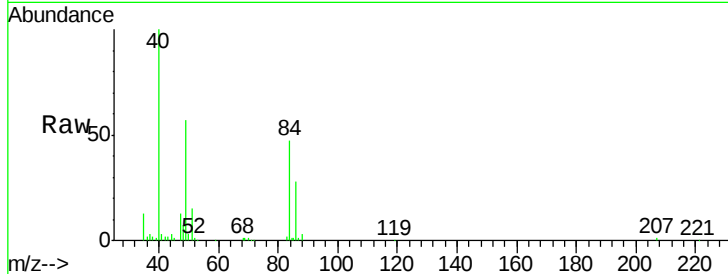
#16
Methvlene chloride
Concen: 4.551 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009430.D
Acq: 25 Mar 2019 16:08

Instrument :
MSVOA_W
ClientSampled :
BF5T0

Tot Ion	84	Resp	26480
Ion Ratio	Lower	Upper	
84	100		
49	122.0	96.0	178.2
86	58.9	44.4	82.5

Manual Integrations
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#21
2-Butanone
Concen: 7.942 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009430.D
Acq: 25 Mar 2019 16:08

Tgt Ion	43	Resp	17734
Ion Ratio	Lower	Upper	
43	100		
72	13.9	13.1	39.1

