

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009372.D
 Acq On : 23 Mar 2019 04:22
 Operator : SY/VA
 Sample : K2031-16
 Misc : 4.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S6

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:47 AM

Quant Time: Mar 23 07:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	81939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91012	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
7) Chloroethane-d5	2.89	69	101784	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.01	63	142825	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	95850	57.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.70%
24) Chloroform-d	7.65	84	239179	26.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	8.31	65	157122m	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.00%
29) Benzene-d6	8.27	84	427936	27.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.60%
33) 1,2-Dichloropropane-d6	9.27	67	139495	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.88%
37) Toluene-d8	10.32	98	342303	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	10.57	79	52336	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.93	63	64646	56.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121345	26.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	80889	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds

					Ovalue
13) Acetone	4.13	43	32511	23.925 ug/L	97
14) Carbon disulfide	4.38	76	16354m	1.472 ug/L	
16) Methylene chloride	4.92	84	29131m	5.958 ug/L	
54) m,p-Xylene	11.83	106	9802	1.342 ug/L	92

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

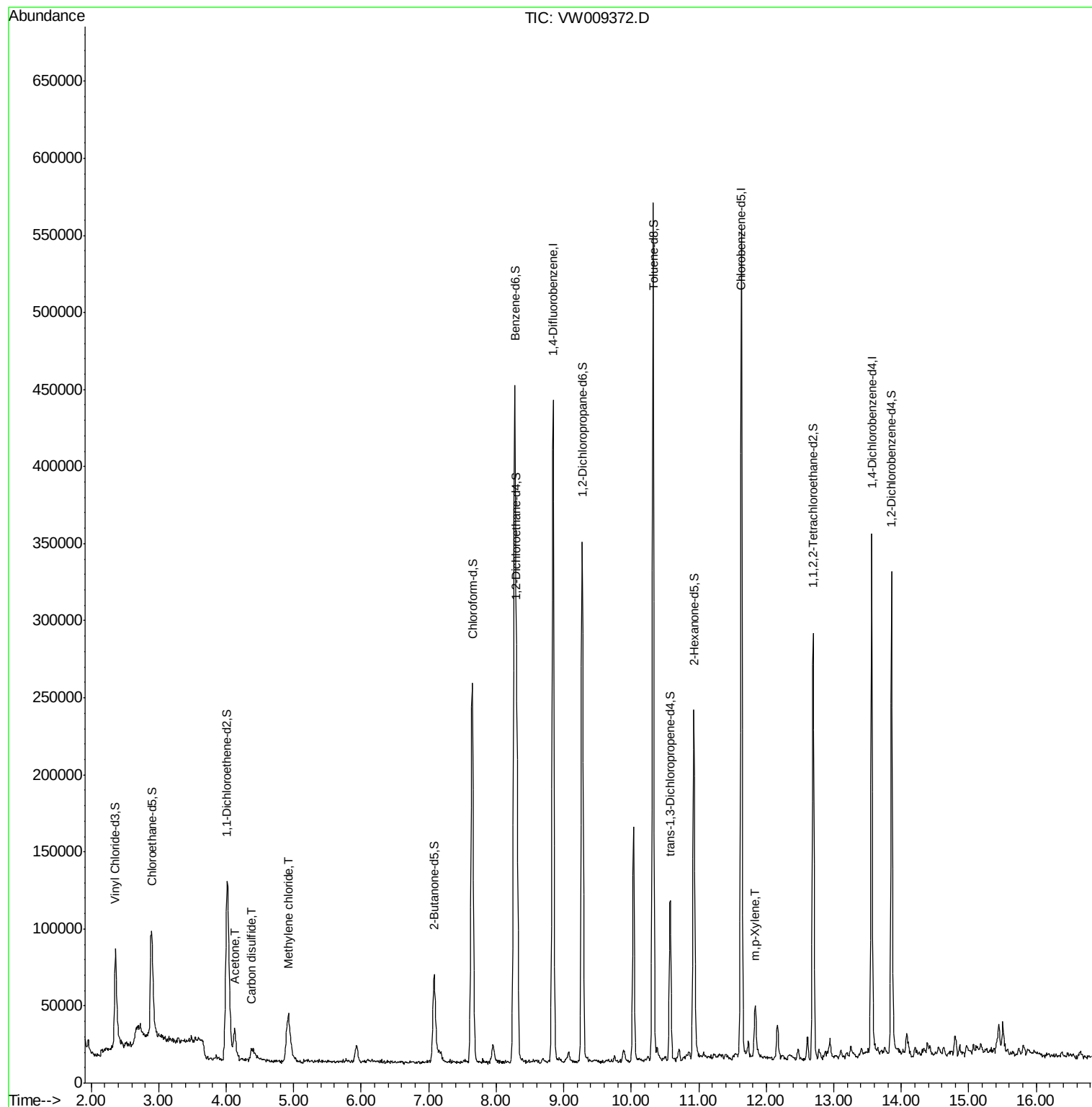
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
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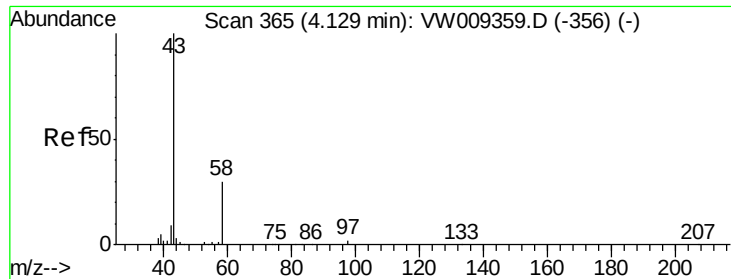
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 23.925 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW009372.D

Acq: 23 Mar 2019 04:22

Instrument :

MSVOA_W

ClientSampled :

BF5S6

Tot Ion: 43 Resp: 32511

Ion Ratio Lower Upper

43 100

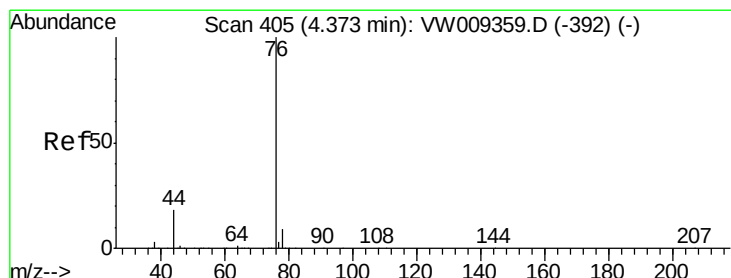
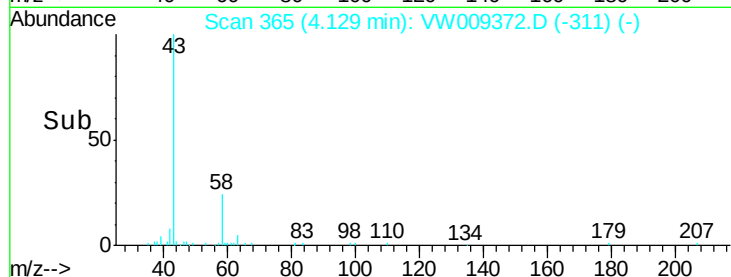
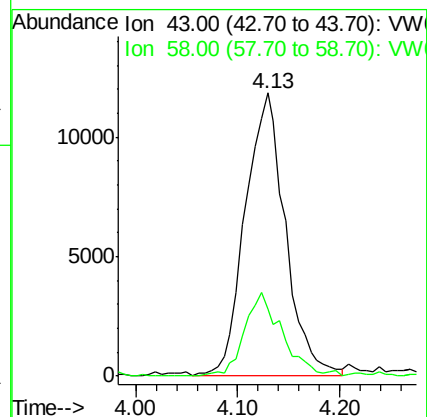
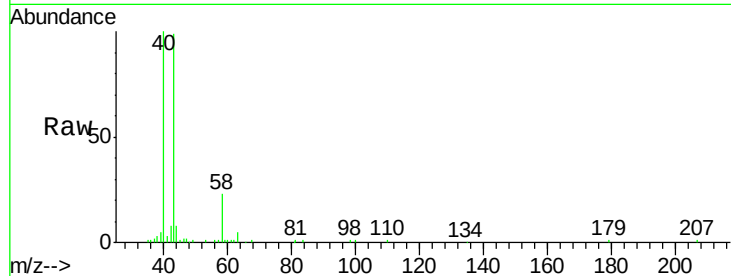
58 26.5 0.0 56.2

Manual Integrations

APPROVED

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3/25/2019 8:29:47 AM



#14

Carbon disulfide

Concen: 1.472 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009372.D

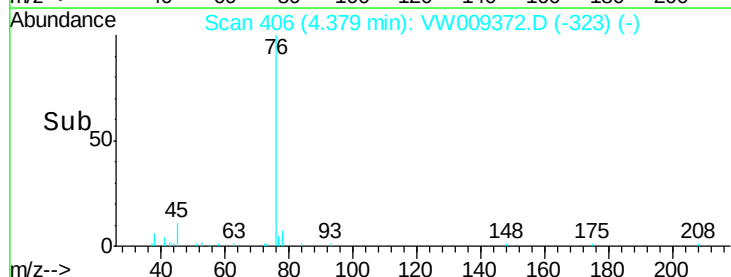
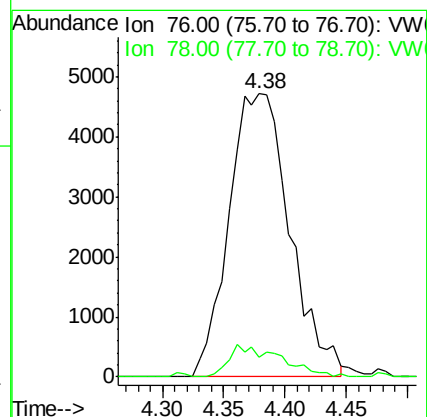
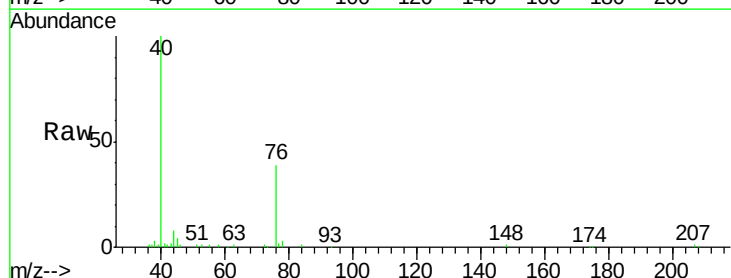
Acq: 23 Mar 2019 04:22

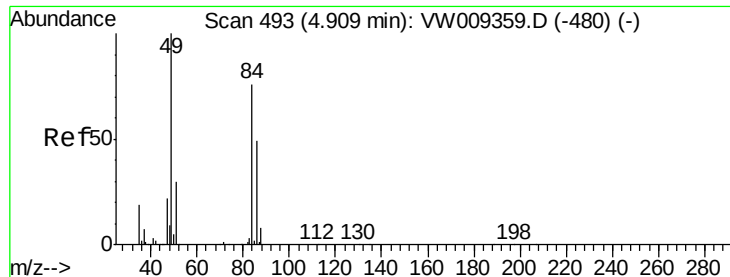
Tgt Ion: 76 Resp: 16354

Ion Ratio Lower Upper

76 100

78 7.0 7.3 10.9#





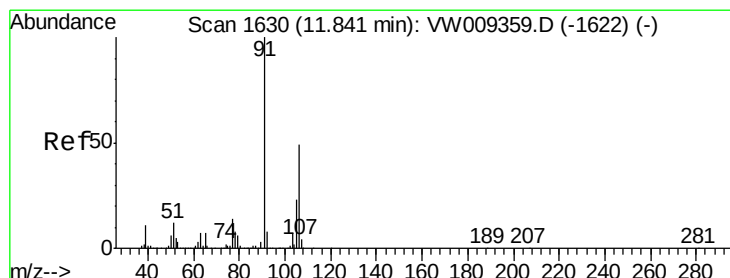
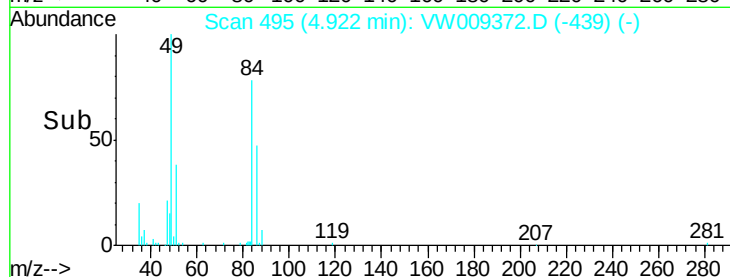
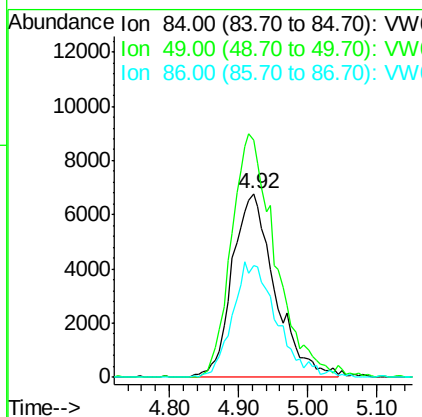
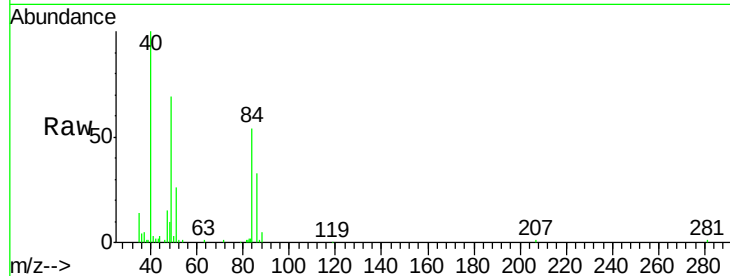
#16
Methylene chloride
Concen: 5.958 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009372.D
Acq: 23 Mar 2019 04:22

Instrument :
MSVOA_W
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BF5S6

Tot Ion	Ratio	Lower	Upper
84	100		
49	129.0	96.0	178.2
86	60.7	44.4	82.5

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#54
m,p-Xylene
Concen: 1.342 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009372.D
Acq: 23 Mar 2019 04:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.1	138.4	257.0

