

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009377.D
 Acq On : 23 Mar 2019 06:39
 Operator : SY/VA
 Sample : K2031-21
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5X8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:50 AM

Quant Time: Mar 23 21:24:56 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	280945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68042	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	2.89	69	68187	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
10) 1,1-Dichloroethene-d2	4.01	63	99211	13.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.68%
20) 2-Butanone-d5	7.08	46	64578m	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
24) Chloroform-d	7.64	84	157134	20.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.96%
26) 1,2-Dichloroethane-d4	8.30	65	101474	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	8.27	84	279265	21.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.48%
33) 1,2-Dichloropropane-d6	9.27	67	93067	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	214769	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.76%
38) trans-1,3-Dichloropropene-	10.58	79	28057	14.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.24%
39) 2-Hexanone-d5	10.93	63	42533	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80810	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	55912	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds

					Ovalue
13) Acetone	4.12	43	25580	22.466 ug/L	95
14) Carbon disulfide	4.38	76	13012m	1.398 ug/L	
16) Methylene chloride	4.92	84	18843	4.599 ug/L	94
21) 2-Butanone	7.17	43	7180	4.567 ug/L #	71

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

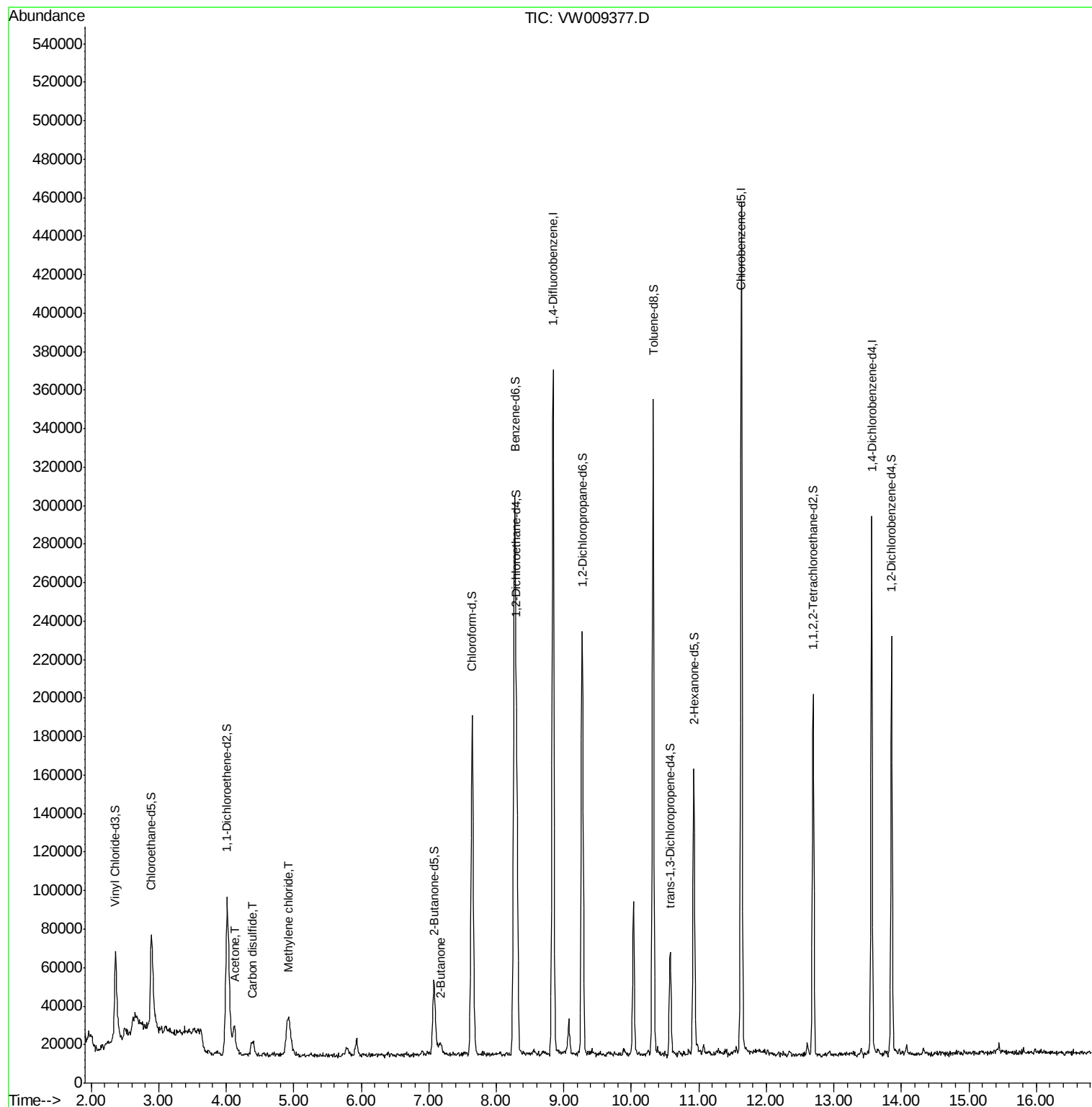
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
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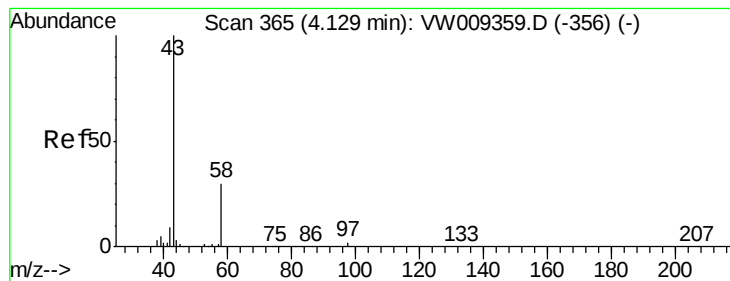
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
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#13

Acetone

Concen: 22.466 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009377.D

Acq: 23 Mar 2019 06:39

Instrument :

MSVOA_W

ClientSampled :

BF5X8

Tot Ion: 43 Resp: 25580

Ion Ratio Lower Upper

43 100

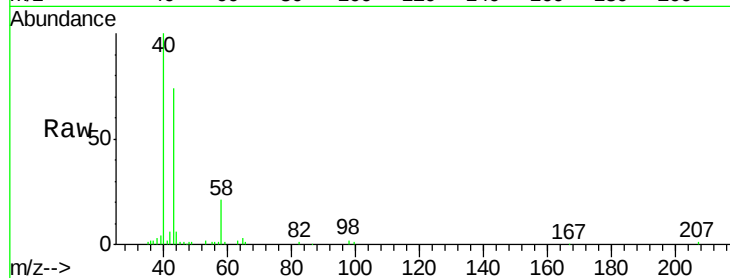
58 25.6 0.0 56.2

Manual Integrations

APPROVED

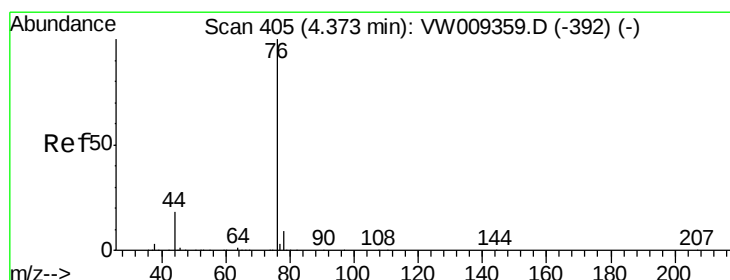
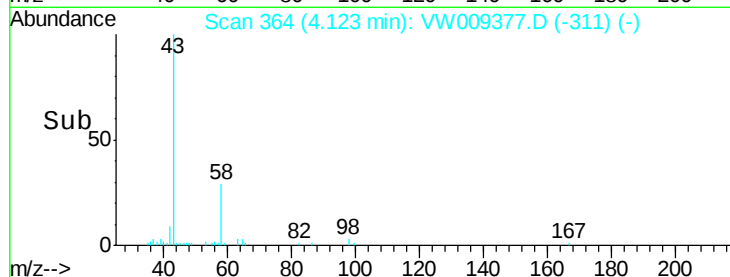
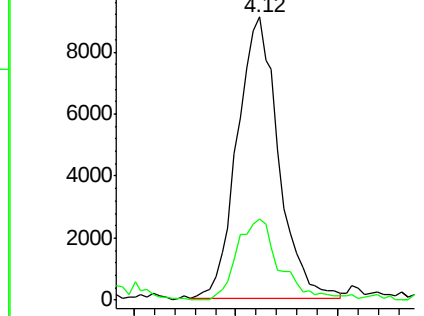
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3/25/2019 8:29:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.398 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009377.D

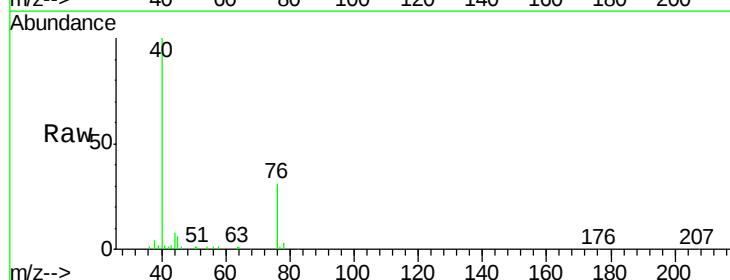
Acq: 23 Mar 2019 06:39

Tgt Ion: 76 Resp: 13012

Ion Ratio Lower Upper

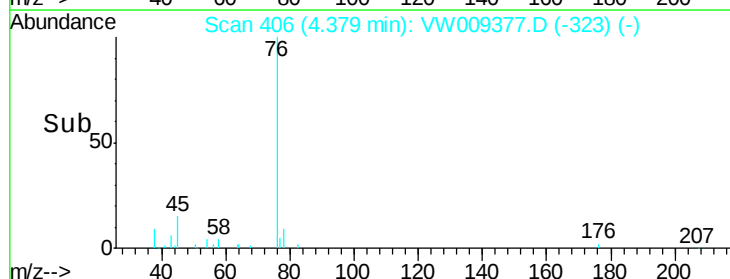
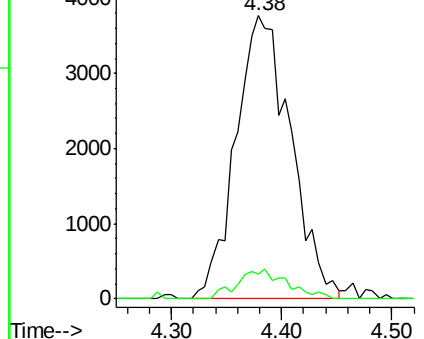
76 100

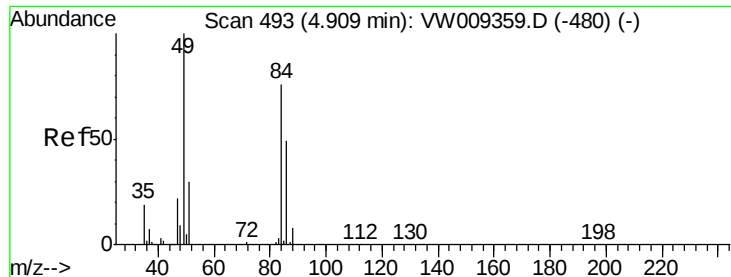
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





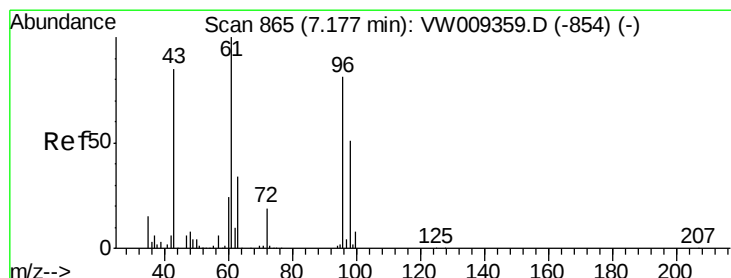
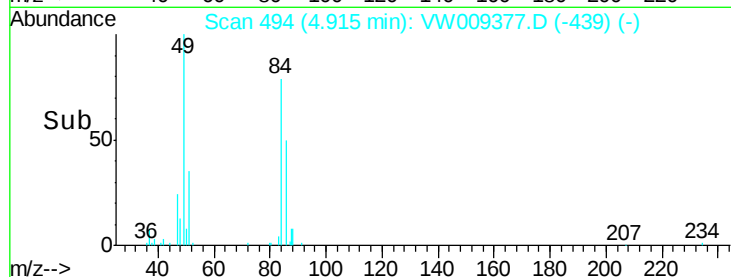
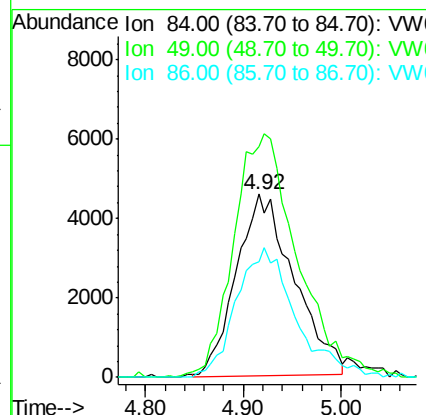
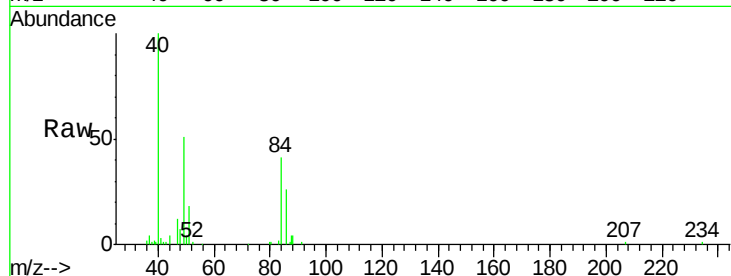
#16
Methylene chloride
Concen: 4.599 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009377.D
Acq: 23 Mar 2019 06:39

Instrument :
MSVOA_W
ClientSampled :
BF5X8

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.8	96.0	178.2
86	63.3	44.4	82.5

Manual Integrations
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#21
2-Butanone
Concen: 4.567 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009377.D
Acq: 23 Mar 2019 06:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	11.4	13.1	39.1#

