

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009431.D
 Acq On : 25 Mar 2019 16:35
 Operator : SY/VA
 Sample : K2031-21RE
 Misc : 4.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5X8RE

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:13:24 PM

Quant Time: Mar 26 09:01:28 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	340559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88448	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.89	69	99365	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
10) 1,1-Dichloroethene-d2	4.01	63	142312	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	103545	61.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.04%
24) Chloroform-d	7.65	84	222752	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.30	65	145647m	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.04%
29) Benzene-d6	8.27	84	400323	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	129690	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	328603	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	10.58	79	55319	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	72819	59.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132531	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	104319	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	49924	36.172	ug/L 98
14) Carbon disulfide	4.38	76	38526	3.413	ug/L 97
16) Methylene chloride	4.92	84	19443	3.915	ug/L 95
21) 2-Butanone	7.17	43	13725	7.202	ug/L 96

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

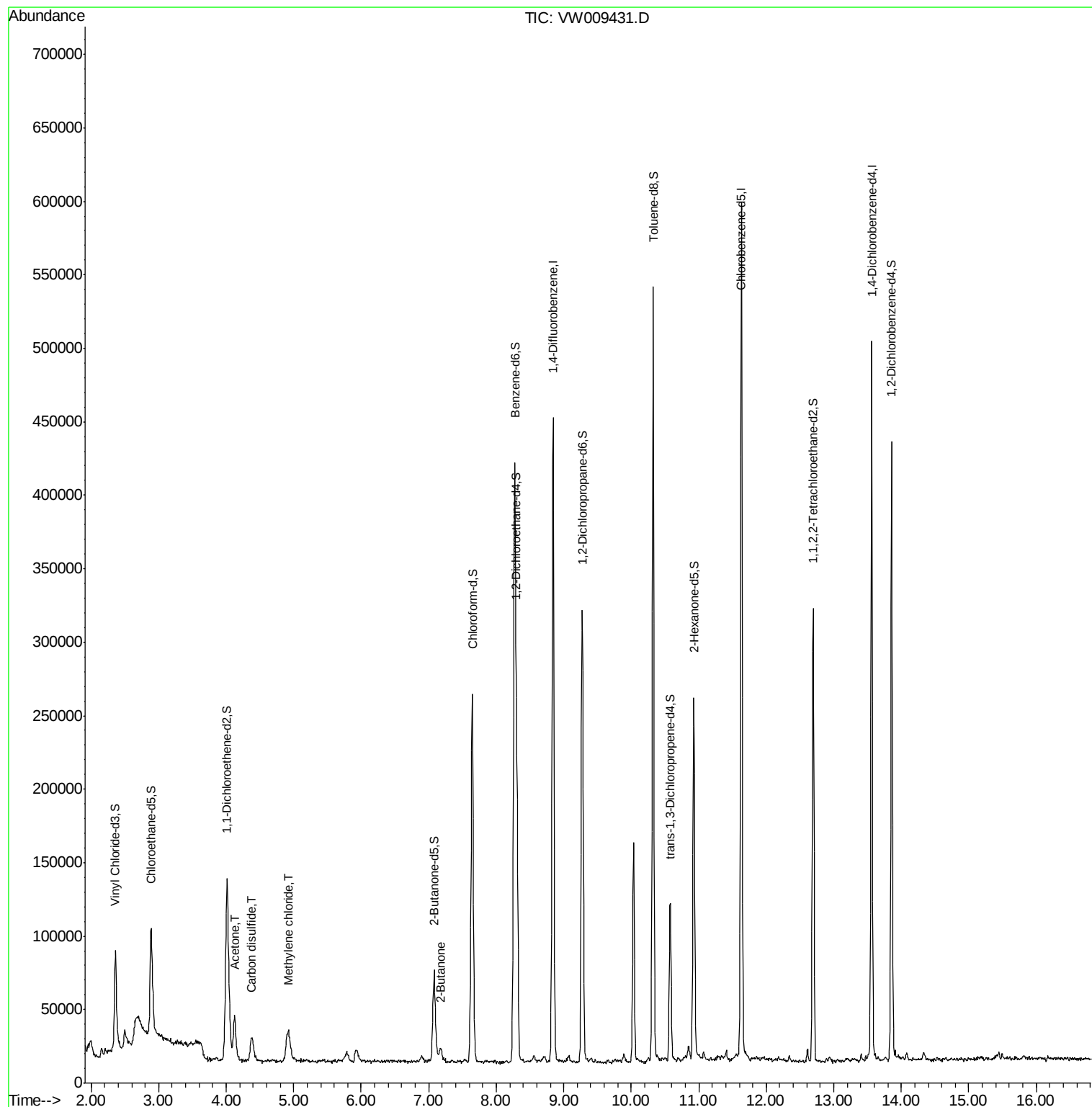
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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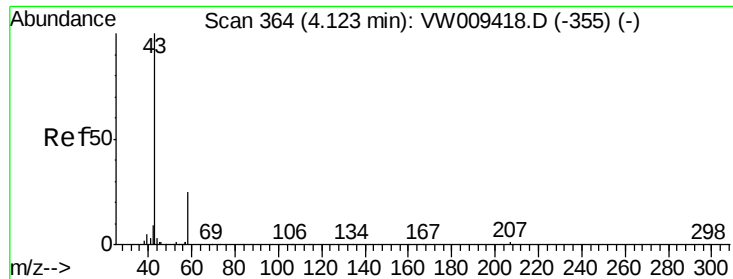
Instrument :
MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 36.172 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009431.D

Acq: 25 Mar 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

BF5X8RE

Tot Ion: 43 Resp: 49924

Ion Ratio Lower Upper

43 100

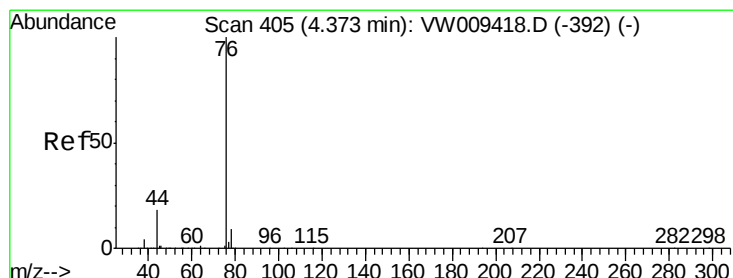
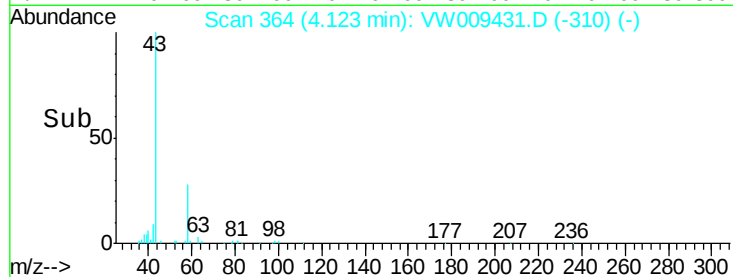
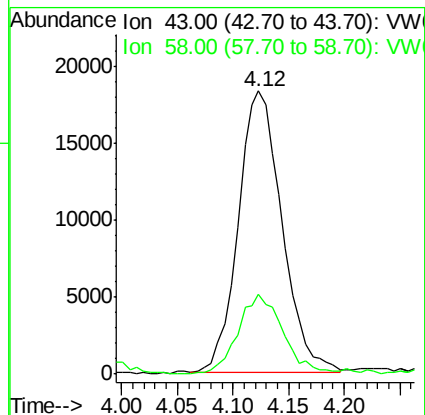
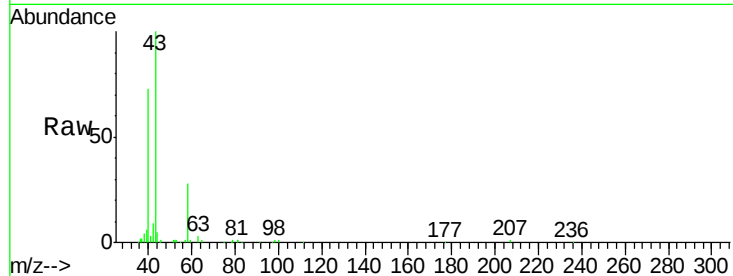
58 29.4 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 3.413 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009431.D

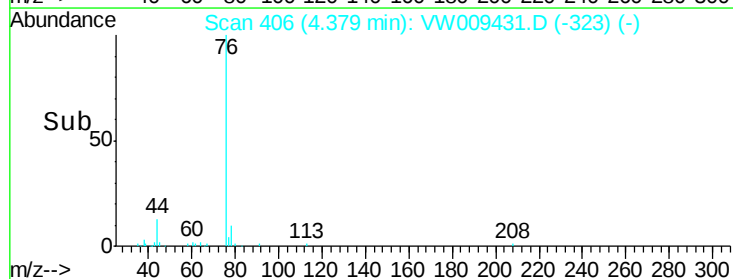
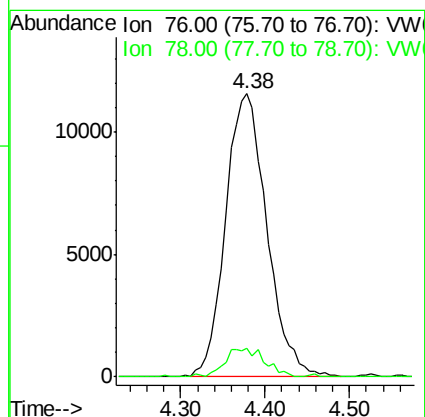
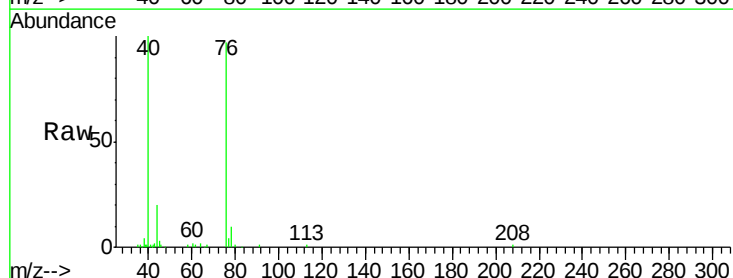
Acq: 25 Mar 2019 16:35

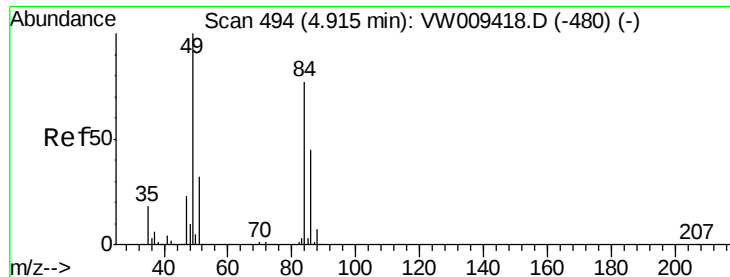
Tgt Ion: 76 Resp: 38526

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9





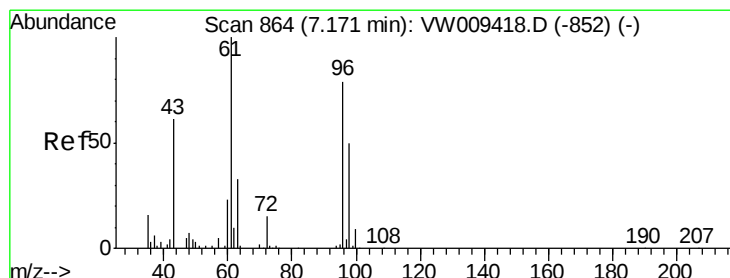
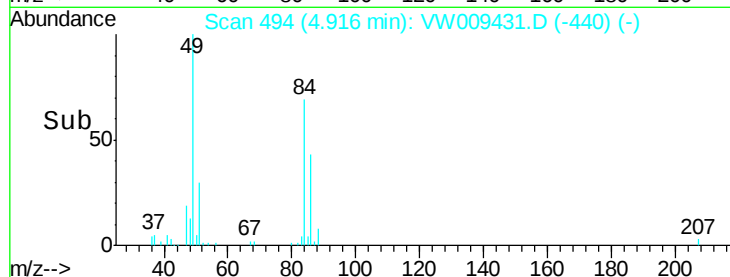
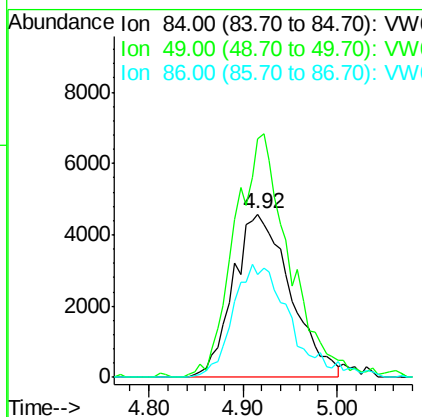
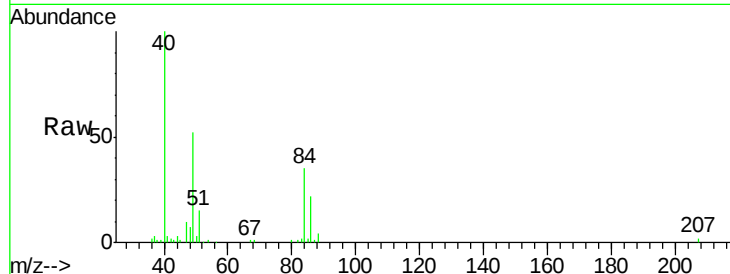
#16
Methylene chloride
Concen: 3.915 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009431.D
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Instrument :
MSVOA_W
ClientSampled :
BF5X8RE

Tot Ion	84	Resp	19443
Ion Ratio	Lower	Upper	
84	100		
49	145.8	96.0	178.2
86	63.2	44.4	82.5

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#21
2-Butanone
Concen: 7.202 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009431.D
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Tgt Ion	43	Resp	13725
Ion Ratio	Lower	Upper	
43	100		
72	23.9	13.1	39.1

