

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009471.D
 Acq On : 26 Mar 2019 17:13
 Operator : SY/VA
 Sample : K2044-14RE
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W3RE

Manual Integrations
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 4/10/2019 8:31:26 AM

Quant Time: Apr 08 10:58:18 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	377566	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88011	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.90	69	97398	18.45	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
10) 1,1-Dichloroethene-d2	4.01	63	146342	15.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.04%
20) 2-Butanone-d5	7.08	46	85746	45.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.90%
24) Chloroform-d	7.65	84	237554	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.31	65	145228	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.27	84	404148	23.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.72%
33) 1,2-Dichloropropane-d6	9.27	67	134013	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.48%
37) Toluene-d8	10.32	98	329184	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.56%
38) trans-1,3-Dichloropropene-	10.57	79	55201	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	57668	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108404	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	75248	19.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	28065	18.341	ug/L 94
14) Carbon disulfide	4.38	76	10795	0.863	ug/L 99
16) Methylene chloride	4.90	84	34491m	6.264	ug/L
21) 2-Butanone	7.18	43	6291	2.978	ug/L 78

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

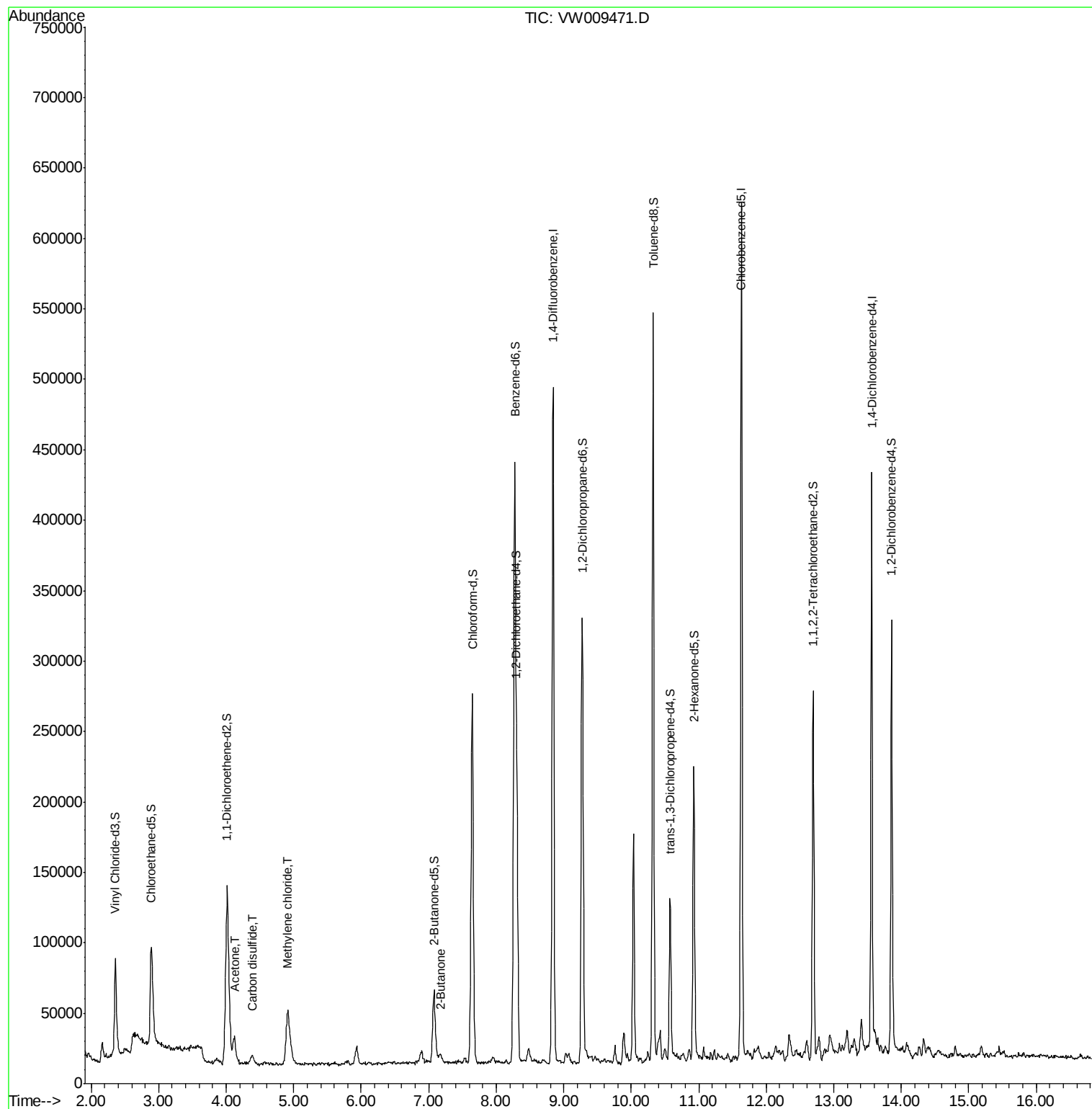
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
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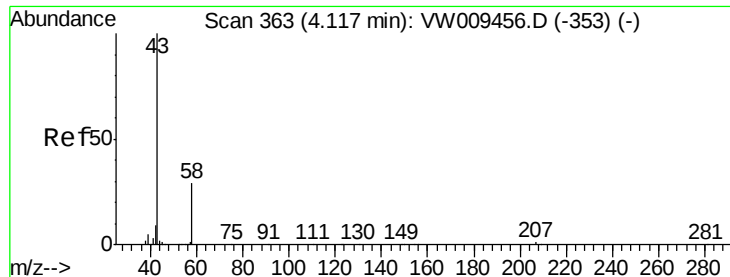
Instrument :
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#13

Acetone

Concen: 18.341 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009471.D

Acq: 26 Mar 2019 17:13

Instrument :

MSVOA_W

ClientSampleId :

BF5W3RE

Tot Ion: 43 Resp: 28065

Ion Ratio Lower Upper

43 100

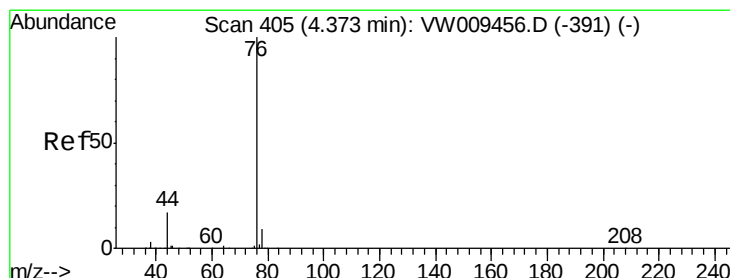
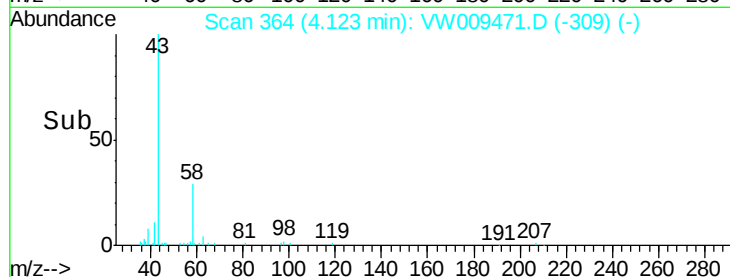
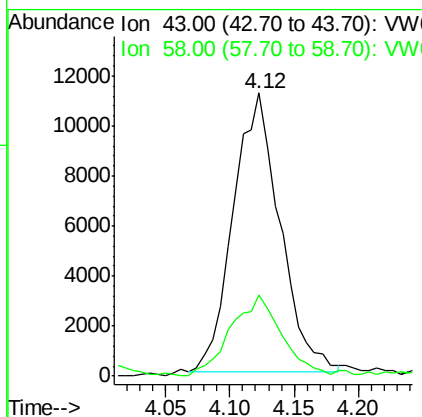
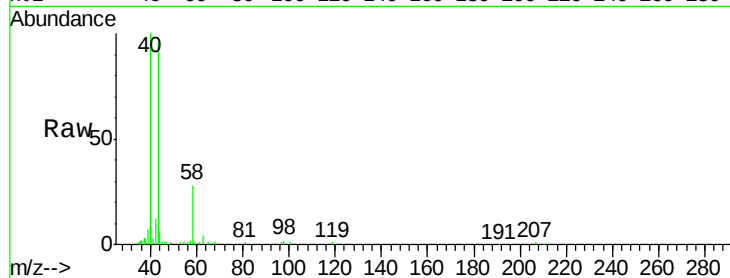
58 31.5 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 0.863 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

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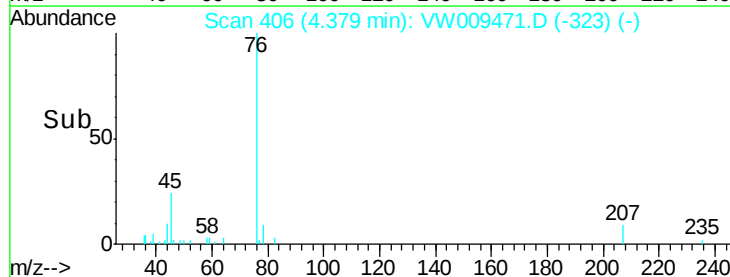
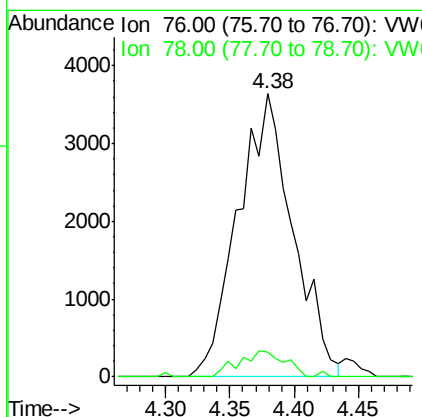
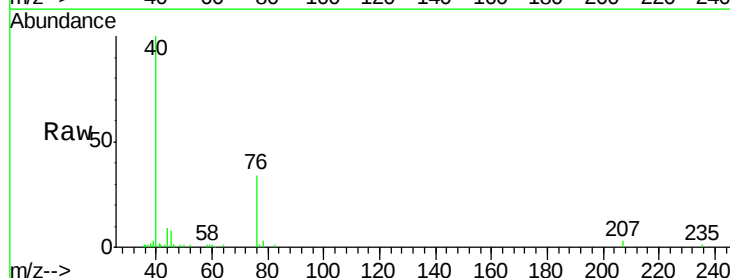
Acq: 26 Mar 2019 17:13

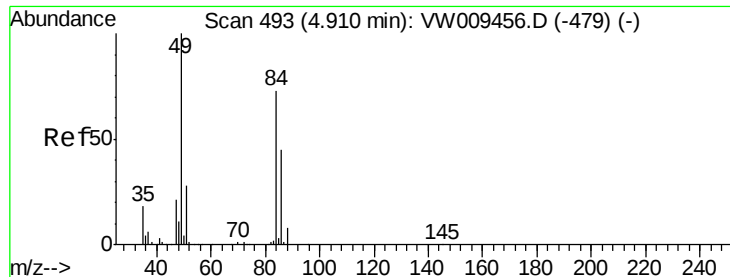
Tgt Ion: 76 Resp: 10795

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





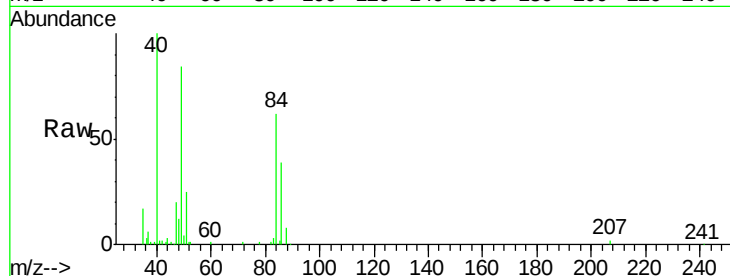
#16
Methylene chloride
Concen: 6.264 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009471.D
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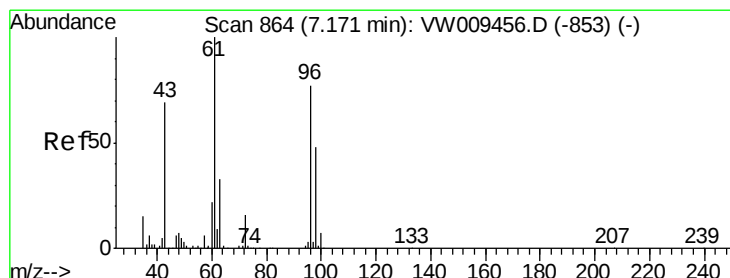
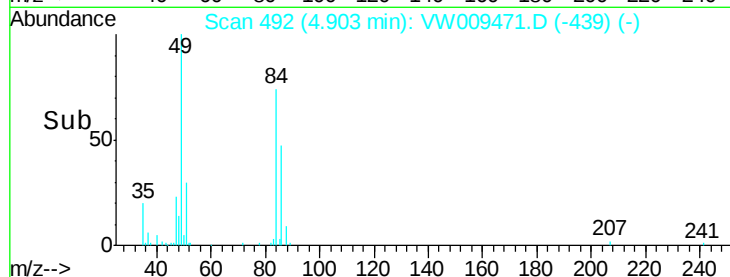
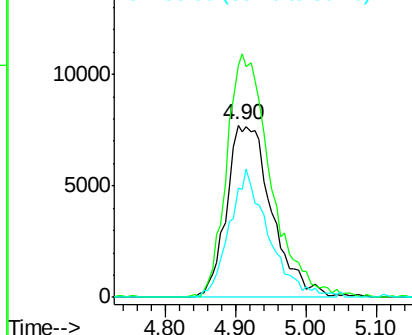
Tot Ion	84	Resp	34491
Ion Ratio	Lower	Upper	
84	100		
49	135.0	96.0	178.2
86	63.7	44.4	82.5

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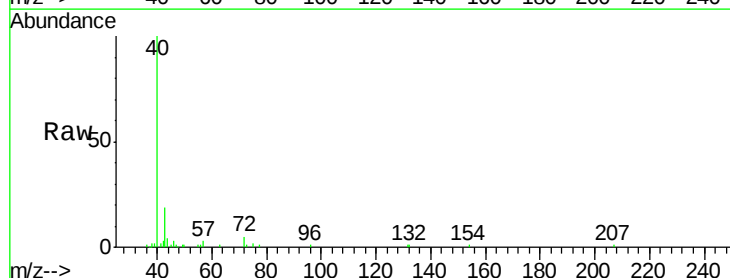


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#21
2-Butanone
Concen: 2.978 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009471.D
Acq: 26 Mar 2019 17:13

Tgt Ion	43	Resp	6291
Ion Ratio	Lower	Upper	
43	100		
72	14.9	13.1	39.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

