

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009503.D
 Acq On : 27 Mar 2019 15:18
 Operator : SY/VA
 Sample : K2068-02
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M1

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 2:47:40 PM

Quant Time: Mar 28 06:52:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	380200	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123500	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80192	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.60%
7) Chloroethane-d5	2.89	69	89390	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
10) 1,1-Dichloroethene-d2	4.01	63	134859	13.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.92%
20) 2-Butanone-d5	7.07	46	72760	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
24) Chloroform-d	7.65	84	226619	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.31	65	132993	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.12%
29) Benzene-d6	8.27	84	386702	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.27	67	126152	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	10.32	98	317010	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.28%
38) trans-1,3-Dichloropropene-	10.58	79	48833	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.16%
39) 2-Hexanone-d5	10.93	63	47262	35.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109692	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	97317	20.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	104868	68.058 ug/L	98
14) Carbon disulfide	4.37	76	7006m	0.556 ug/L	
16) Methylene chloride	4.90	84	35717	6.442 ug/L	96
21) 2-Butanone	7.17	43	31398	14.758 ug/L	95

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

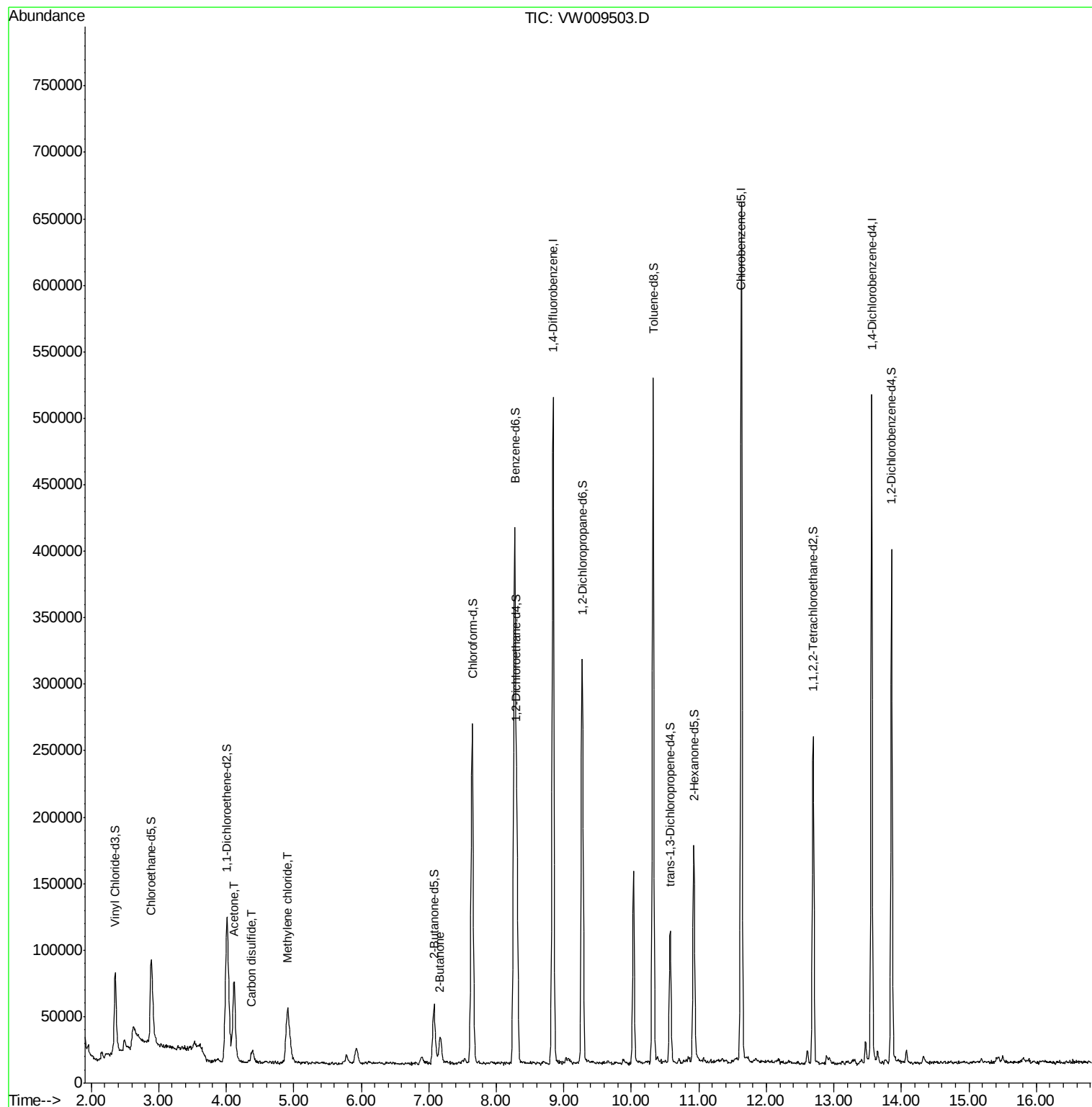
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
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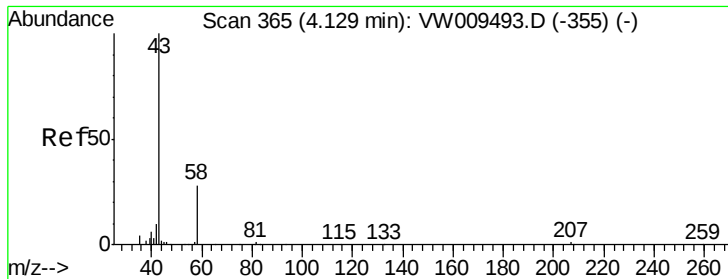
Instrument :
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QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 68.058 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009503.D

Acq: 27 Mar 2019 15:18

Instrument :

MSVOA_W

ClientSampled :

BF5M1

Tot Ion: 43 Resp: 104868

Ion Ratio Lower Upper

43 100

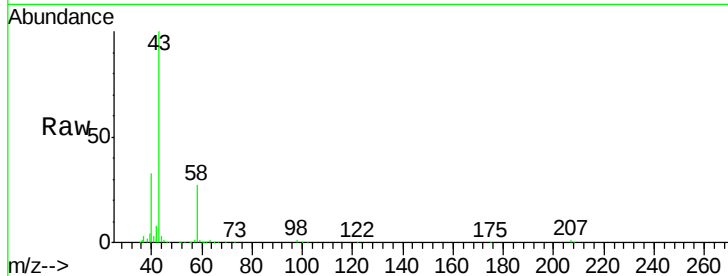
58 27.0 0.0 56.2

Manual Integrations

APPROVED

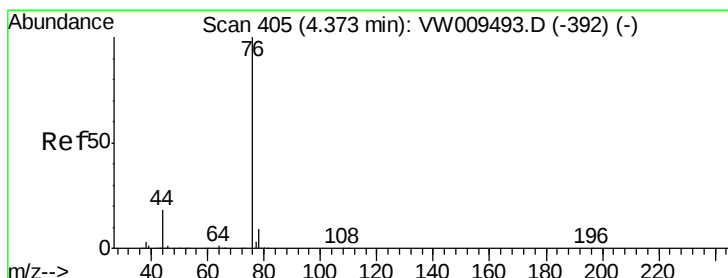
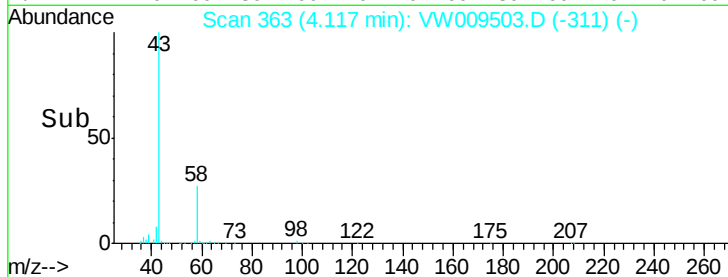
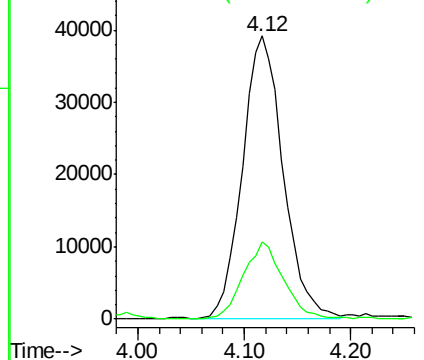
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.556 ug/L m

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009503.D

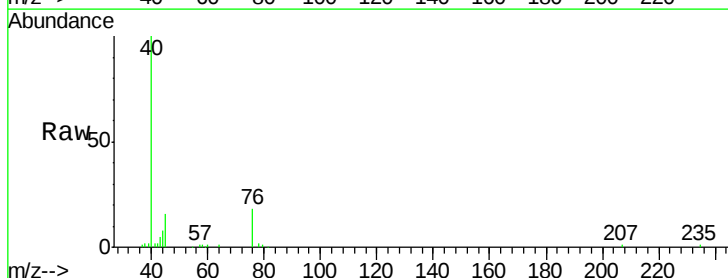
Acq: 27 Mar 2019 15:18

Tgt Ion: 76 Resp: 7006

Ion Ratio Lower Upper

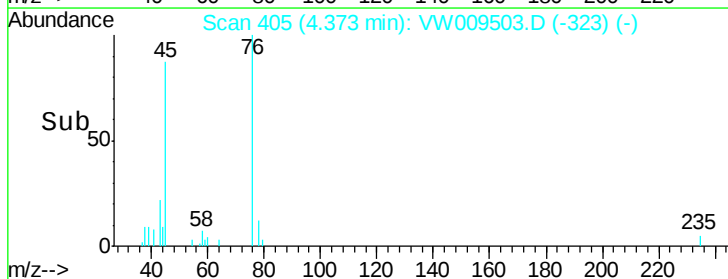
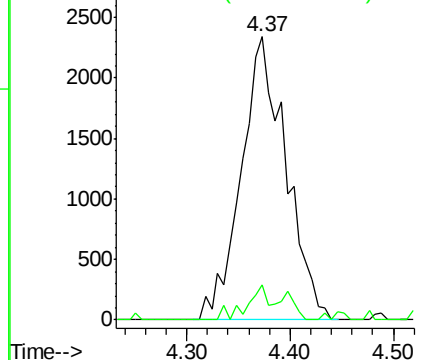
76 100

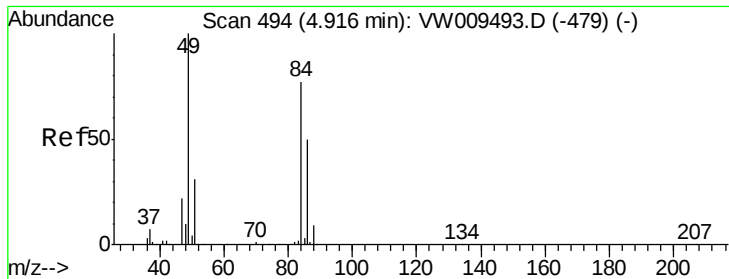
78 12.3 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





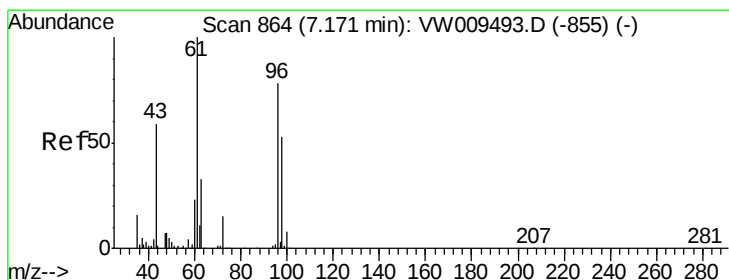
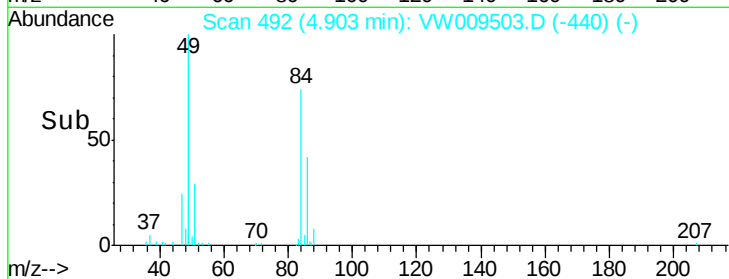
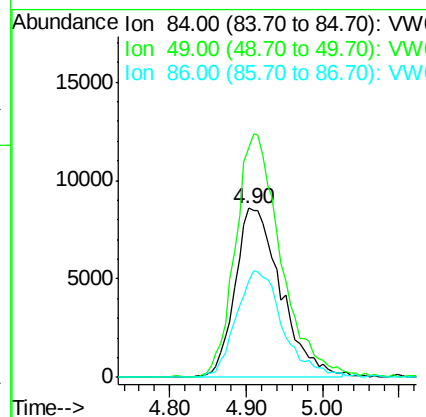
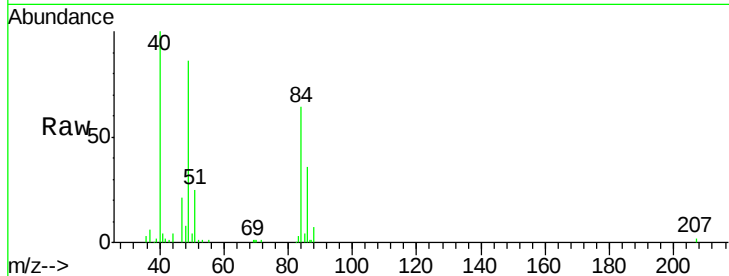
#16
Methvlene chloride
Concen: 6.442 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009503.D
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Tot Ion	Ratio	Lower	Upper
84	100		
49	135.4	96.0	178.2
86	56.9	44.4	82.5

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#21
2-Butanone
Concen: 14.758 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009503.D
Acq: 27 Mar 2019 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.4	13.1	39.1

