

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009836.D
 Acq On : 09 Apr 2019 12:50
 Operator : SY/VA
 Sample : K2255-01RE
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC34RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:04:27 PM

Quant Time: Apr 21 02:58:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339957	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119576	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.89	69	110351	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	4.01	63	215764m	18.98	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	87982	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
24) Chloroform-d	7.64	84	301885	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.31	65	182535	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	535187	29.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.96%
33) 1,2-Dichloropropane-d6	9.27	67	170094	30.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.44%#
37) Toluene-d8	10.32	98	440486	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.80%
38) trans-1,3-Dichloropropene-	10.57	79	63436	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.52%
39) 2-Hexanone-d5	10.93	63	55218	53.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128183	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	95859	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds					Ovalue
13) Acetone	4.11	43	49964	27.169 ug/L	98
14) Carbon disulfide	4.37	76	10024m	0.601 ug/L	
16) Methylene chloride	4.92	84	27142m	3.810 ug/L	
44) Toluene	10.38	91	27988	1.292 ug/L	96

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

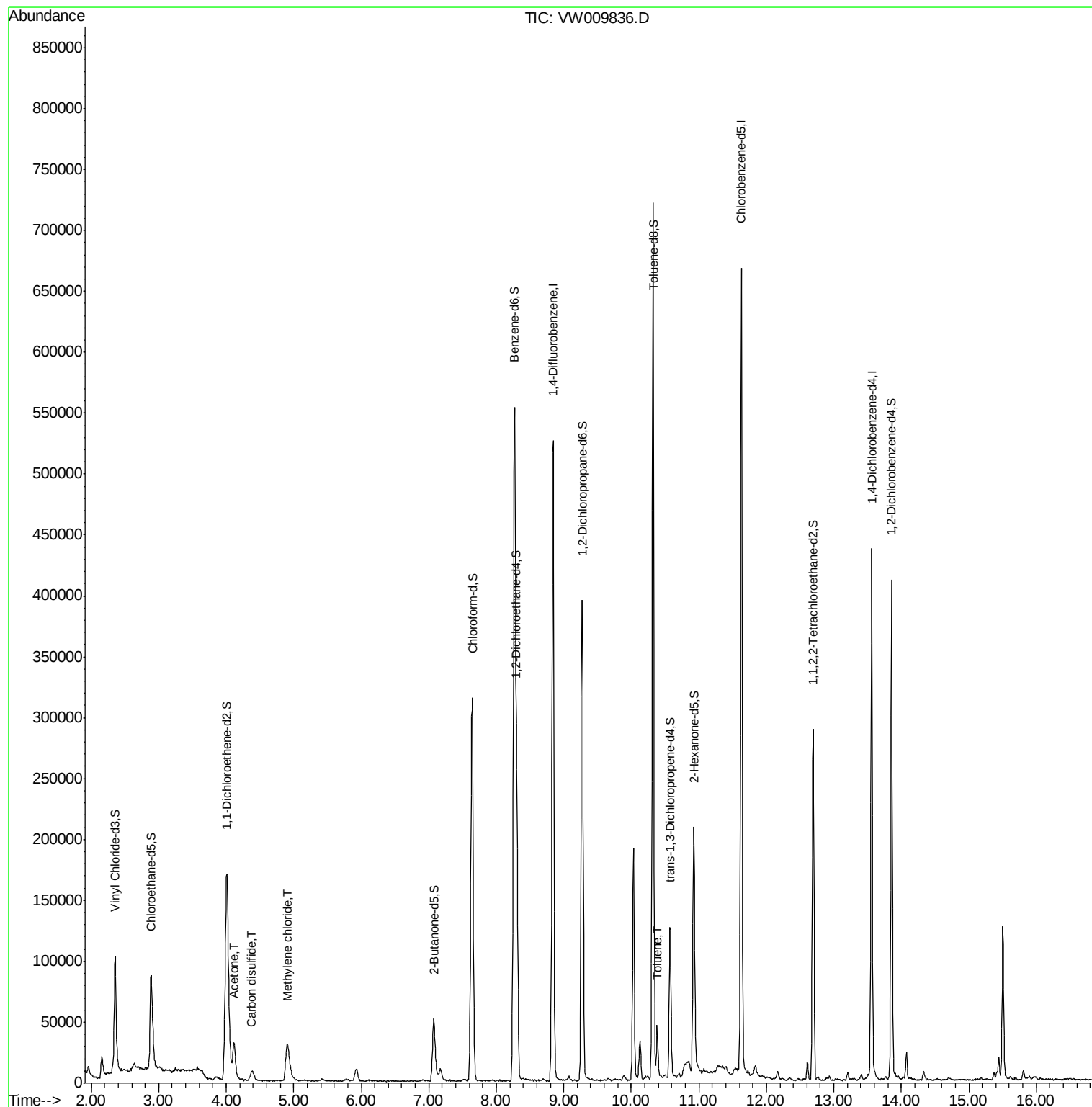
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
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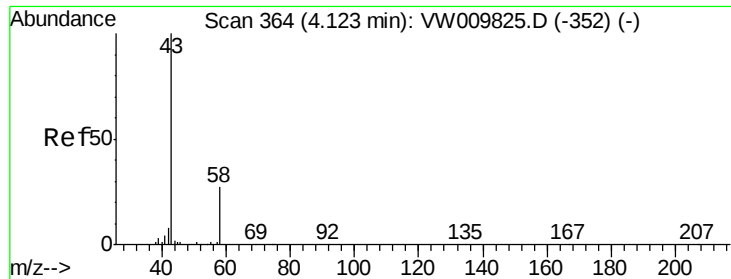
Instrument :
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#13

Acetone

Concen: 27.169 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009836.D

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Instrument :

MSVOA_W

ClientSampleId :

BFC34RE

Tot Ion: 43 Resp: 49964

Ion Ratio Lower Upper

43 100

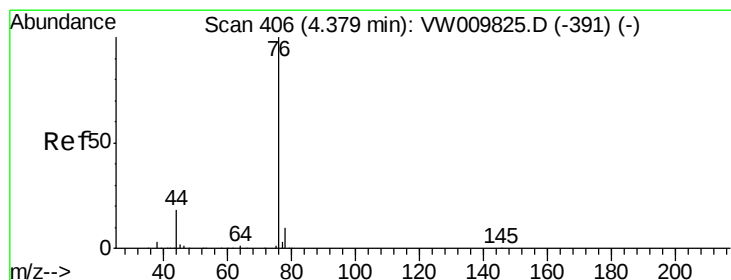
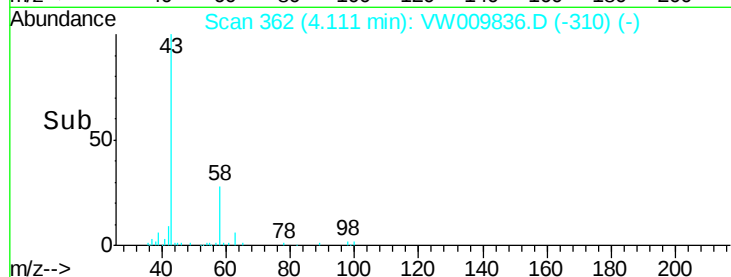
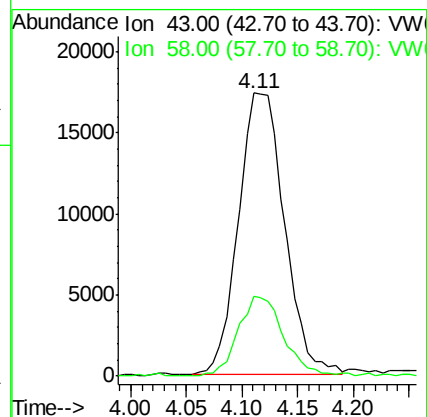
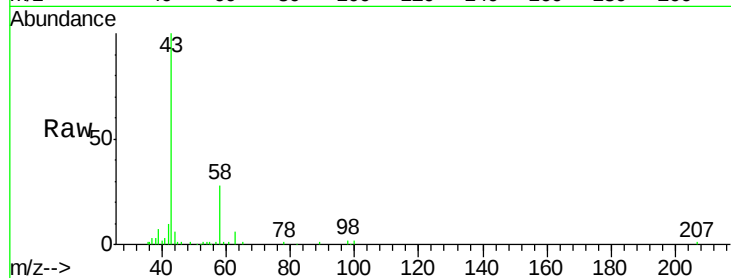
58 27.8 0.0 53.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.601 ug/L m

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009836.D

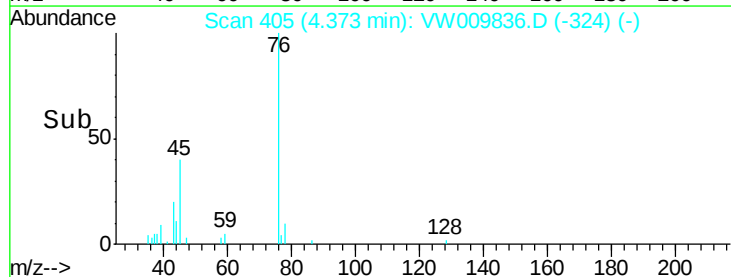
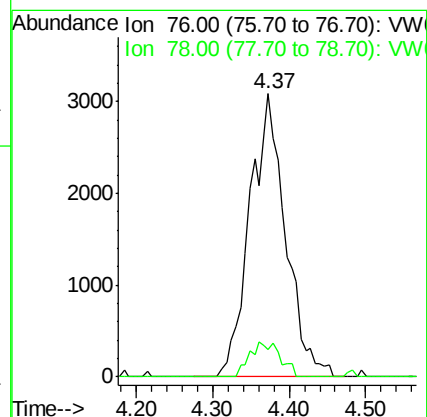
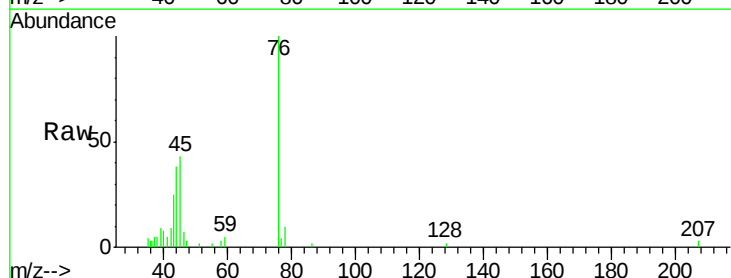
Acq: 09 Apr 2019 12:50

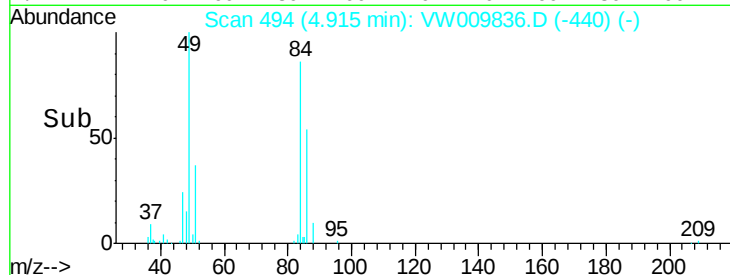
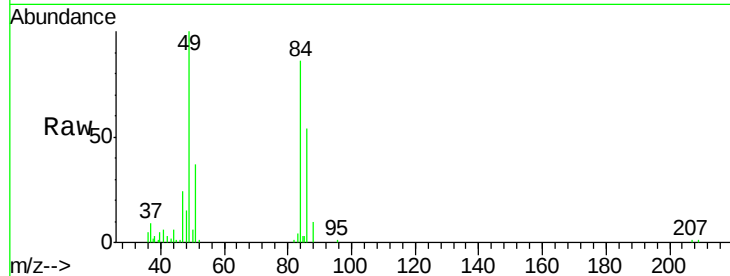
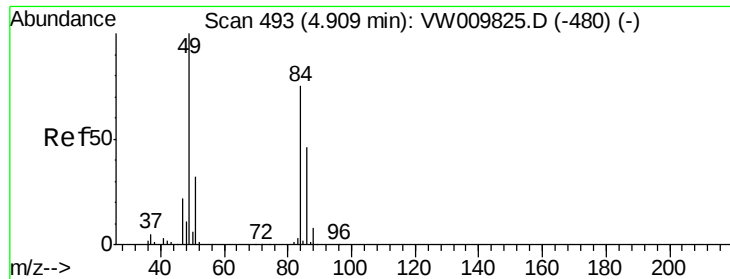
Tgt Ion: 76 Resp: 10024

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9





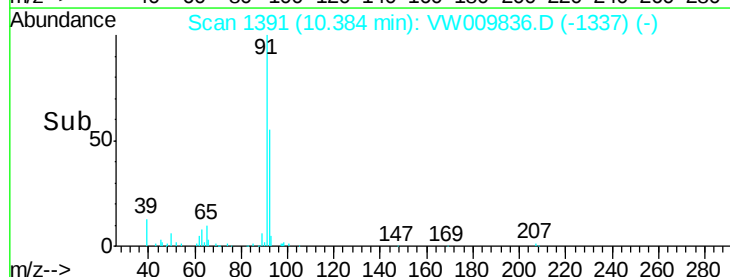
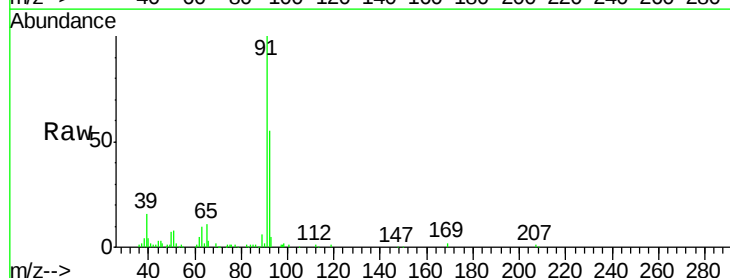
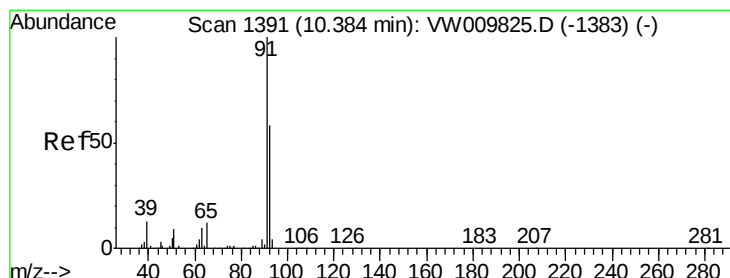
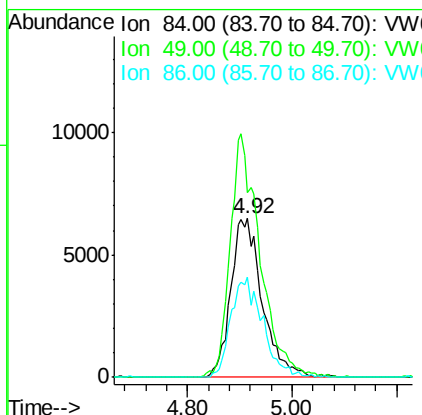
#16
Methylene chloride
Concen: 3.810 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009836.D
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Tot Ion	Ratio	Lower	Upper
84	100		
49	116.8	98.3	182.5
86	63.3	46.4	86.2

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#44
Toluene
Concen: 1.292 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009836.D
Acq: 09 Apr 2019 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.5	75.1

