

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009307.D
 Acq On : 21 Mar 2019 01:24
 Operator : SY/VA
 Sample : K1988-08
 Misc : 4.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B9

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:31 AM

Quant Time: Mar 22 09:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115216	27.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.96%
7) Chloroethane-d5	2.90	69	106699	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
10) 1,1-Dichloroethene-d2	4.01	63	171829	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.07	46	64511	37.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.12%
24) Chloroform-d	7.64	84	239608	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	8.30	65	134115	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.88%
29) Benzene-d6	8.27	84	445166	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.27	67	135815	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.32	98	380167	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	10.58	79	48362	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.88%
39) 2-Hexanone-d5	10.93	63	44692	33.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112174	20.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	122433	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds					Ovalue
13) Acetone	4.12	43	44479	31.578 ug/L	98
14) Carbon disulfide	4.37	76	23906	2.075 ug/L #	94
16) Methylene chloride	4.90	84	8696m	1.716 ug/L	

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

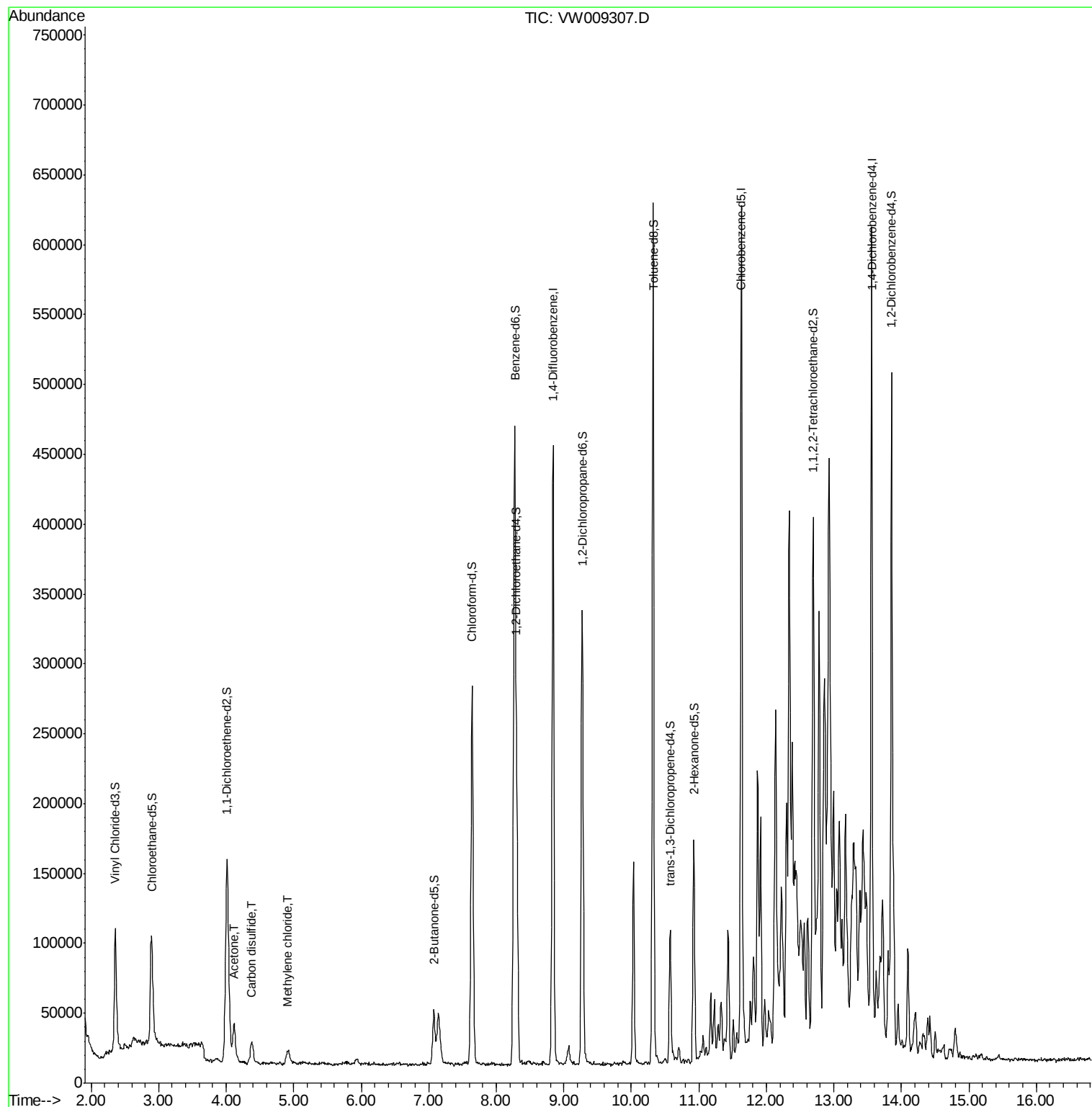
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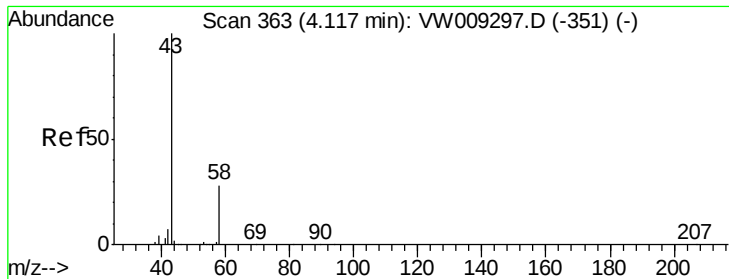
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#13

Acetone

Concen: 31.578 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009307.D

Acq: 21 Mar 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

BF0B9

Tot Ion: 43 Resp: 44479

Ion Ratio Lower Upper

43 100

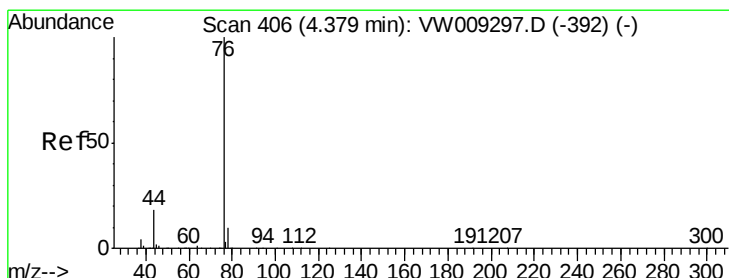
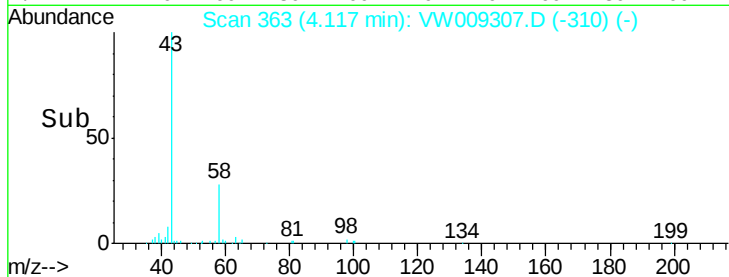
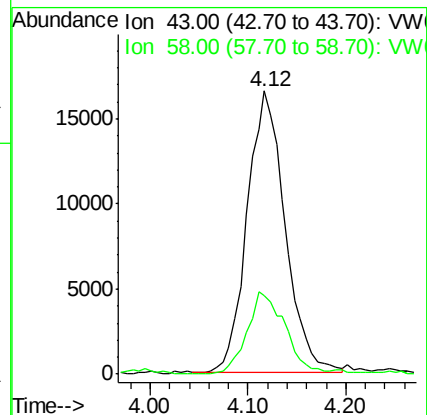
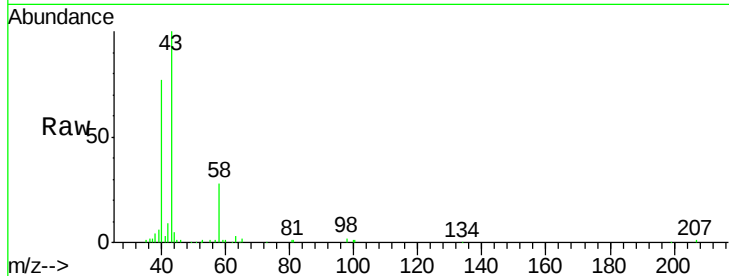
58 29.1 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 2.075 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009307.D

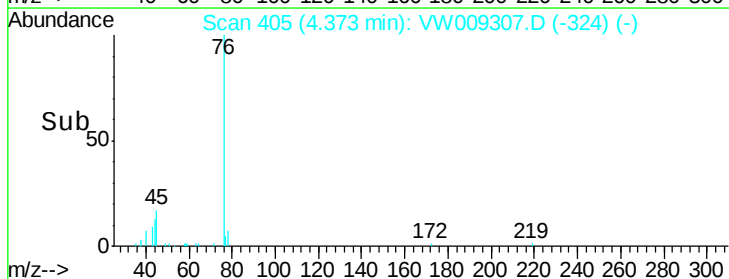
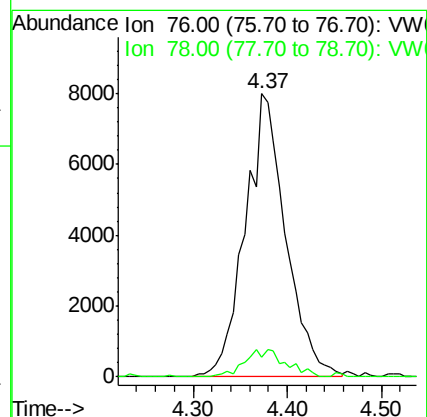
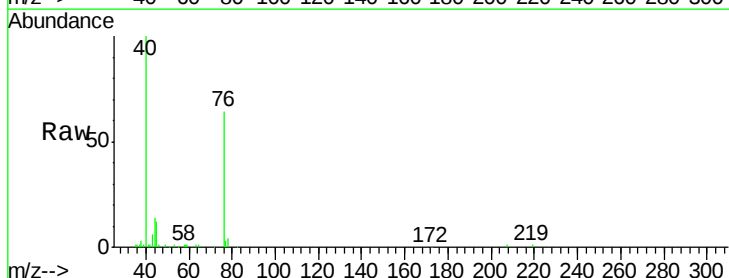
Acq: 21 Mar 2019 01:24

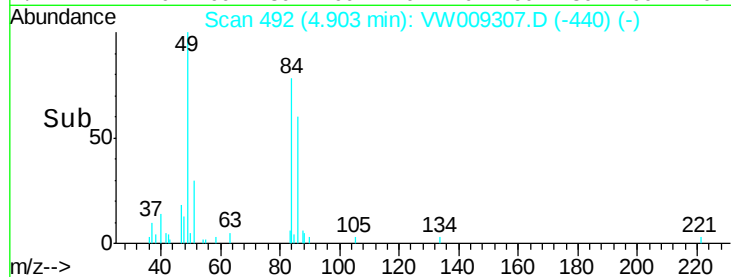
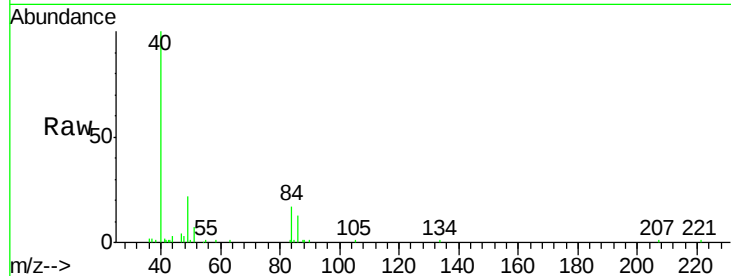
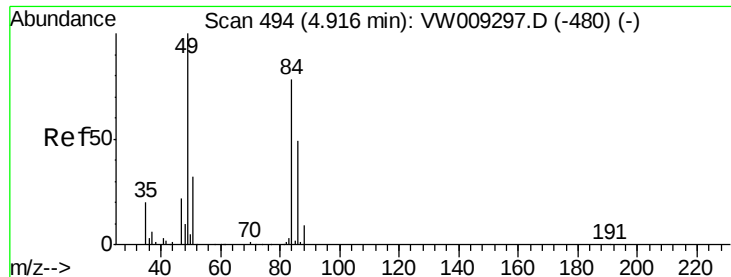
Tgt Ion: 76 Resp: 23906

Ion Ratio Lower Upper

76 100

78 6.9 7.3 10.9#





#16
Methvlene chloride
Concen: 1.716 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009307.D
Acq: 21 Mar 2019 01:24

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.8	96.0	178.2
86	76.1	44.4	82.5

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