

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009390.D
 Acq On : 23 Mar 2019 15:06
 Operator : SY/VA
 Sample : K2017-20
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E9

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:28 AM

Quant Time: Mar 24 01:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88052	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
7) Chloroethane-d5	2.89	69	90099	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.20%
10) 1,1-Dichloroethene-d2	4.02	63	139325	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	7.07	46	83093	48.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.80%
24) Chloroform-d	7.65	84	210493	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	133299	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.36%
29) Benzene-d6	8.27	84	377820	20.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.96%
33) 1,2-Dichloropropane-d6	9.27	67	121279	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	322677	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.60%
38) trans-1,3-Dichloropropene-	10.57	79	52532	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.44%
39) 2-Hexanone-d5	10.93	63	58557	44.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121806	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	120860	21.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.72%

Target Compounds					Ovalue
13) Acetone	4.12	43	165165	117.320 ug/L	99
14) Carbon disulfide	4.38	76	17354	1.507 ug/L #	94
16) Methylene chloride	4.92	84	11090m	2.189 ug/L	
21) 2-Butanone	7.17	43	52783	27.154 ug/L	98

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

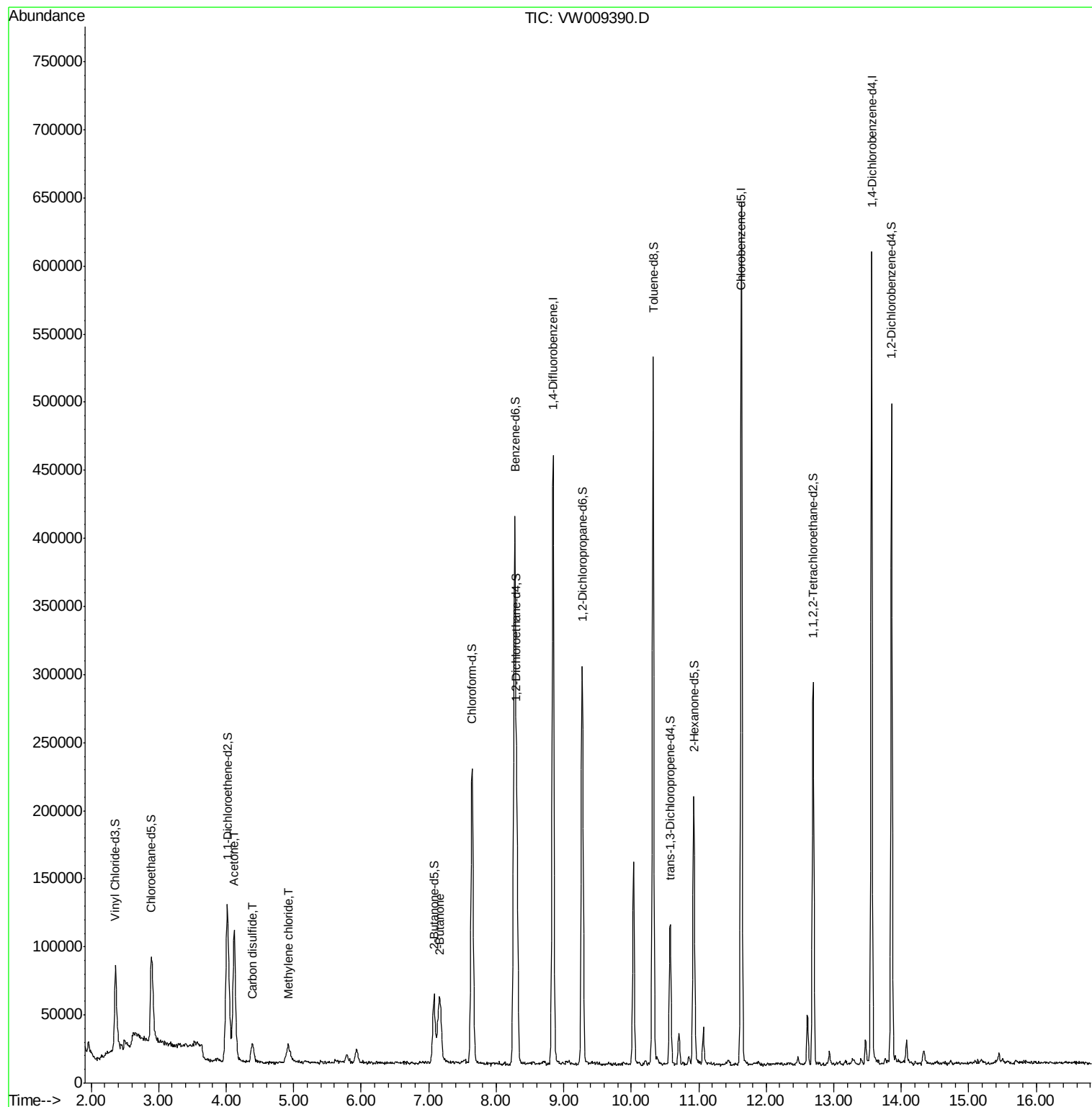
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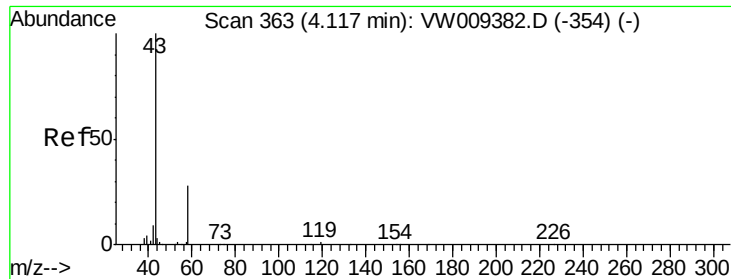
Instrument :
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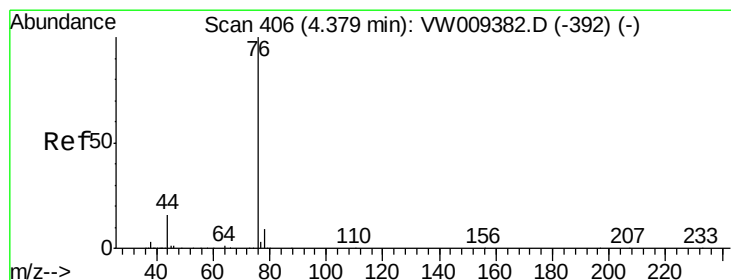
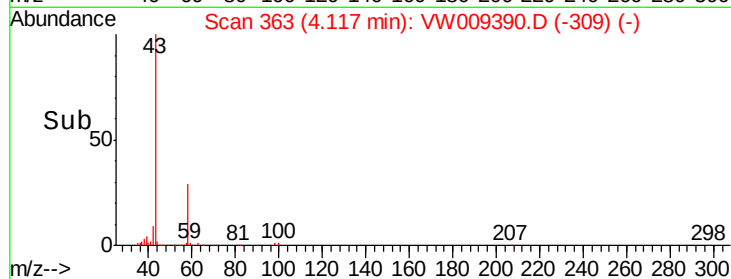
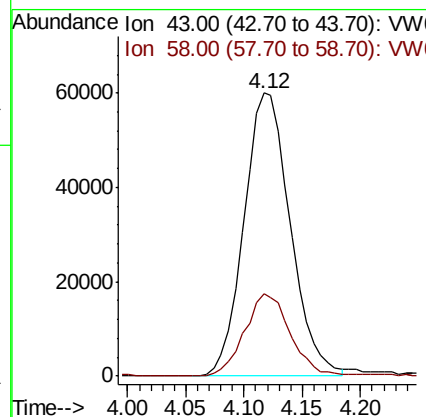
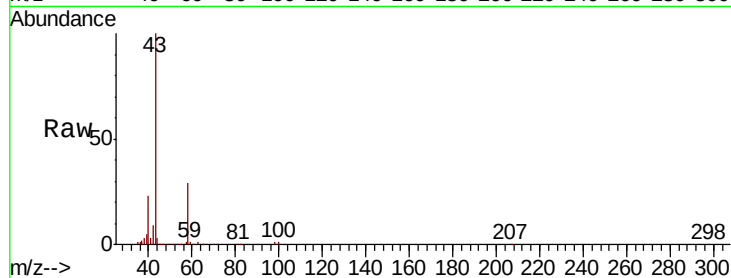
#13
Acetone
Concen: 117.320 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009390.D
Acq: 23 Mar 2019 15:06

Instrument :
MSVOA_W
ClientSampleId :
BF0E9

Tot Ion	43	Resp	165165
Ion Ratio	100	Lower	Upper
58	28.7	0.0	56.2

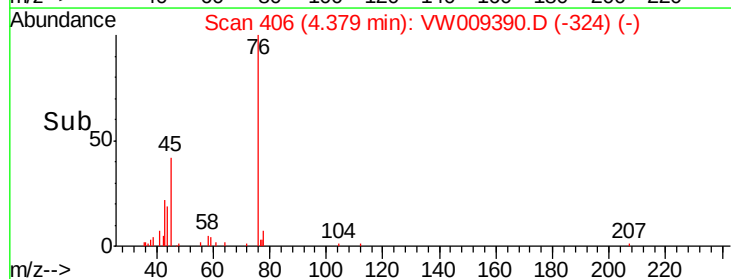
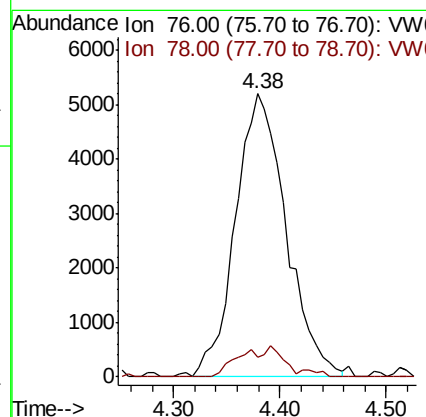
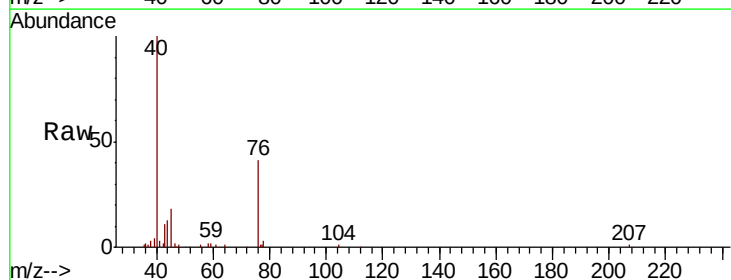
Manual Integrations
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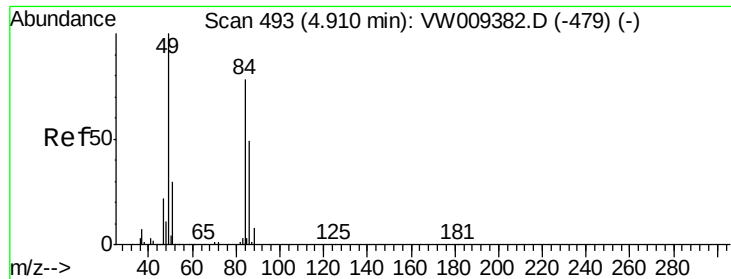
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#14
Carbon disulfide
Concen: 1.507 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW009390.D
Acq: 23 Mar 2019 15:06

Tgt Ion	76	Resp	17354
Ion Ratio	100	Lower	Upper
78	7.1	7.3	10.9#





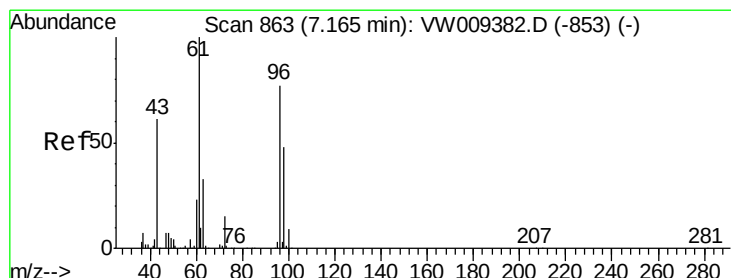
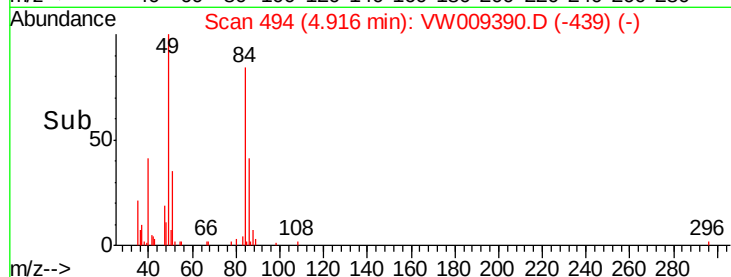
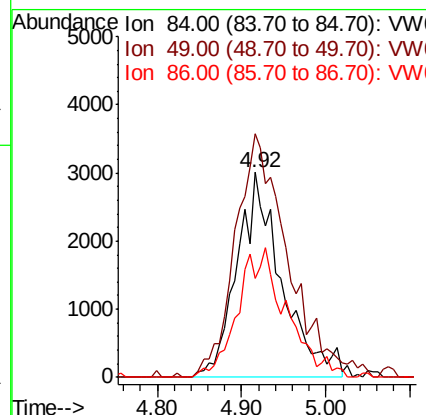
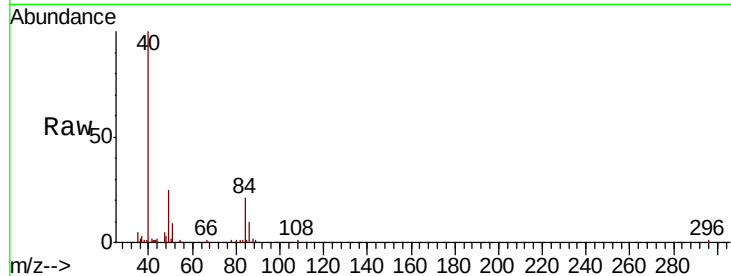
#16
Methylene chloride
Concen: 2.189 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009390.D
Acq: 23 Mar 2019 15:06

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Tot Ion	84	Resp	11090
Ion Ratio	Lower	Upper	
84	100		
49	118.7	96.0	178.2
86	48.1	44.4	82.5

Manual Integrations
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#21
2-Butanone
Concen: 27.154 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009390.D
Acq: 23 Mar 2019 15:06

Tgt Ion	43	Resp	52783
Ion Ratio	Lower	Upper	
43	100		
72	25.0	13.1	39.1

