

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009425.D
 Acq On : 25 Mar 2019 13:52
 Operator : SY/VA
 Sample : K2031-17
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S7

Manual Integrations
 APPROVED

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 3/27/2019 12:12:52 PM

Quant Time: Mar 26 08:43:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	440569	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110432	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	118137	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
10) 1,1-Dichloroethene-d2	4.01	63	182190m	16.01	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.04%
20) 2-Butanone-d5	7.08	46	74458	34.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.40%
24) Chloroform-d	7.64	84	268074	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	151110	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	8.27	84	484110	21.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.44%
33) 1,2-Dichloropropane-d6	9.27	67	153059	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.04%
37) Toluene-d8	10.32	98	422399	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.58	79	61887	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.08%
39) 2-Hexanone-d5	10.93	63	52144	32.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122458	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	143019	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	30346	16.996 ug/L	98
14) Carbon disulfide	4.38	76	22584	1.547 ug/L	97
16) Methylene chloride	4.92	84	28312	4.407 ug/L	87

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

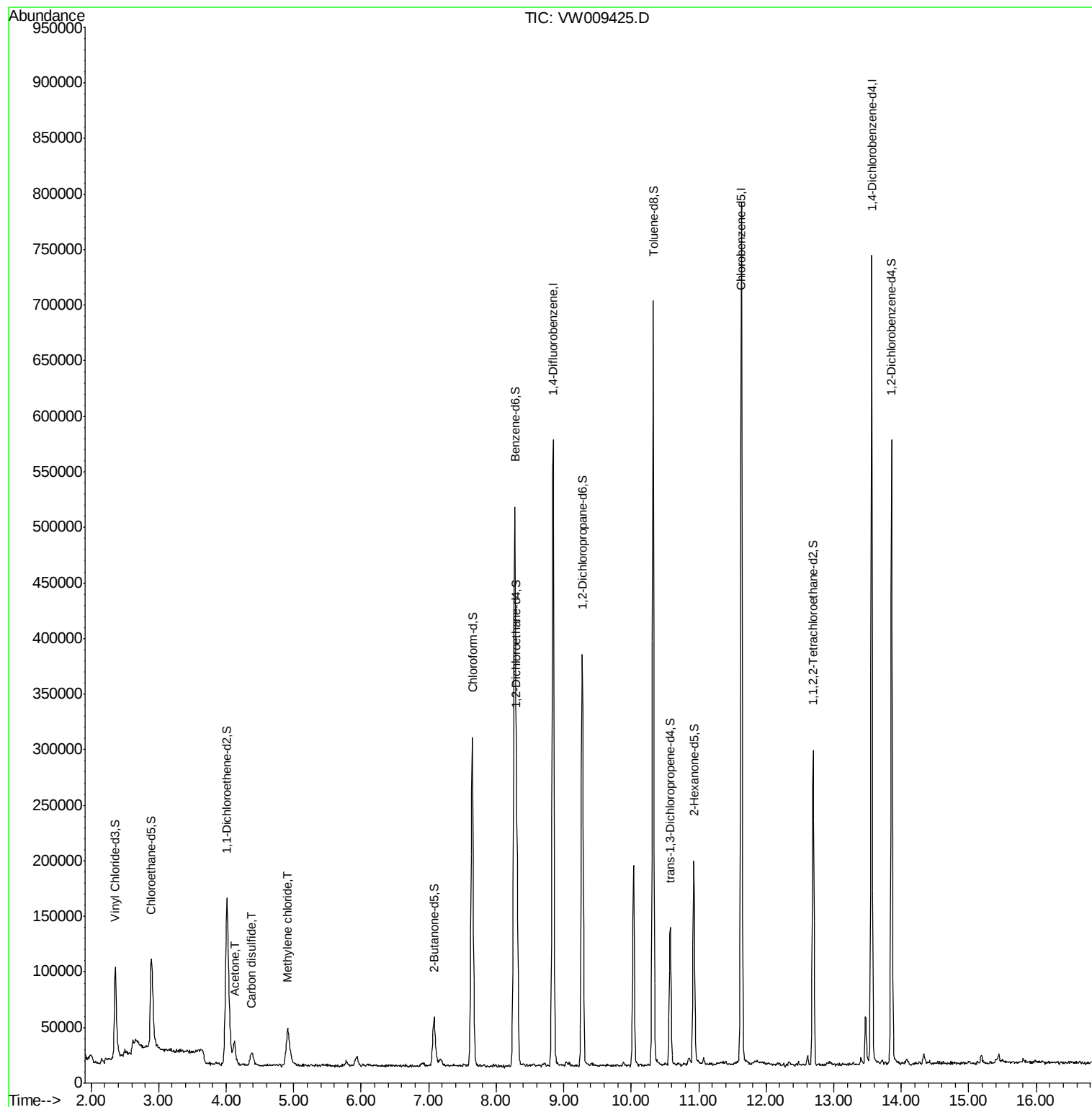
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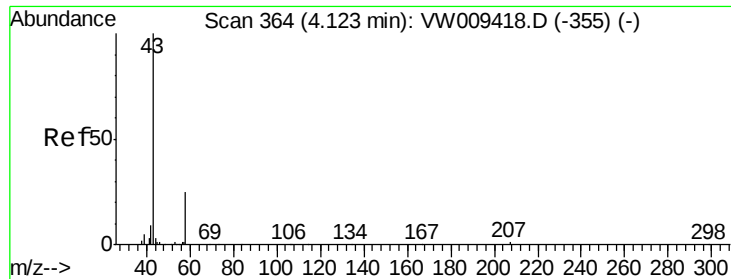
Instrument :
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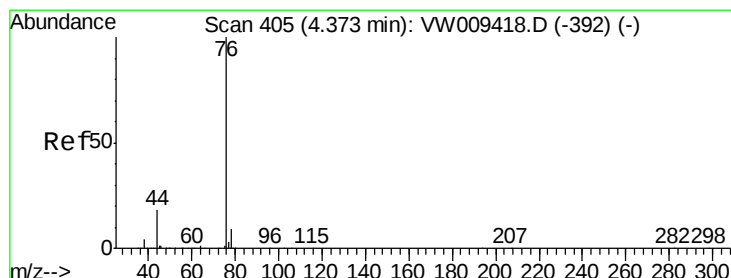
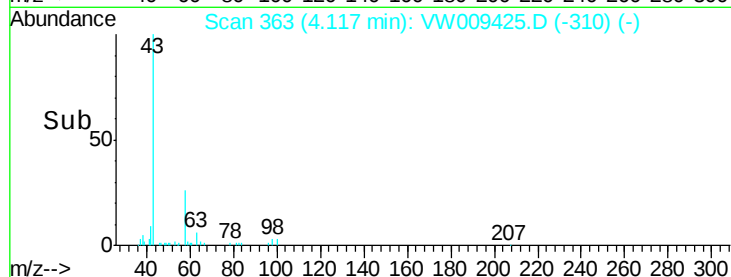
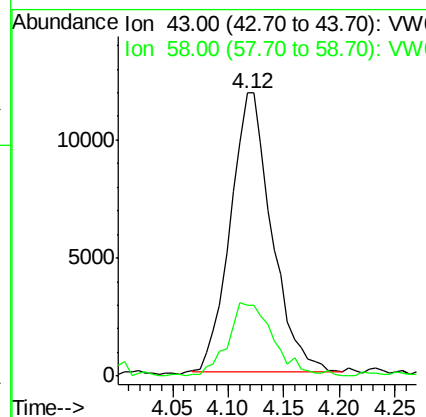
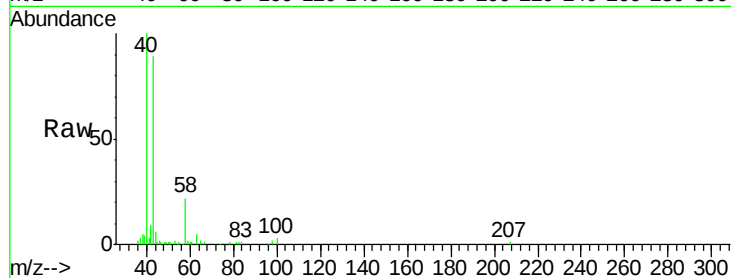
#13
Acetone
Concen: 16.996 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009425.D
Acq: 25 Mar 2019 13:52

Instrument :
MSVOA_W
ClientSampled :
BF5S7

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	56.2

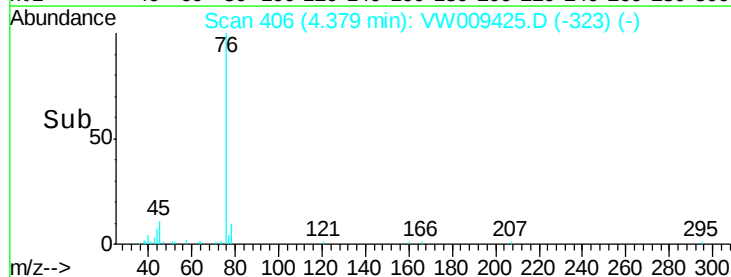
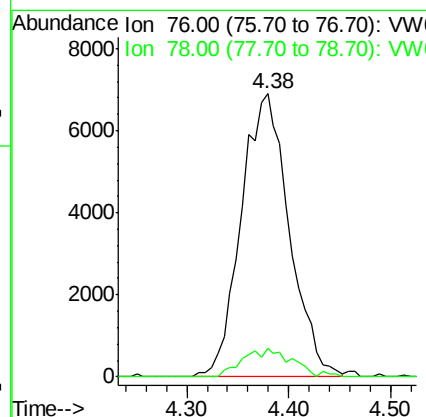
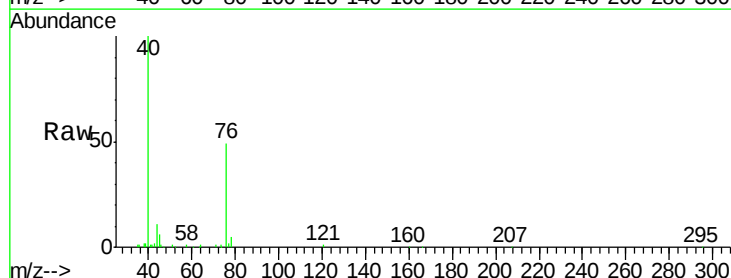
Manual Integrations
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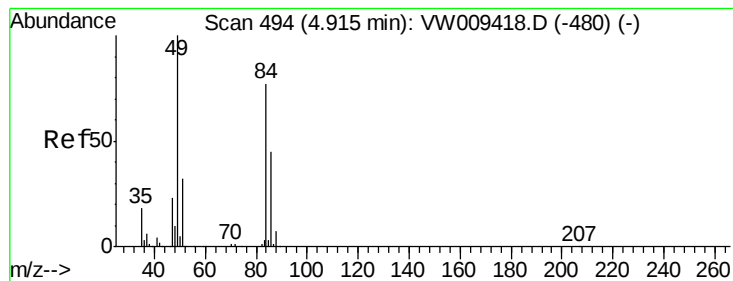
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#14
Carbon disulfide
Concen: 1.547 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009425.D
Acq: 25 Mar 2019 13:52

Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9





#16

Methylene chloride

Concen: 4.407 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009425.D

Acq: 25 Mar 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

BF5S7

Tot Ion:	84	Resp:	28312
Ion Ratio	Lower	Upper	
84	100		
49	118.7	96.0	178.2
86	57.4	44.4	82.5

Manual Integrations
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