

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009485.D
 Acq On : 27 Mar 2019 01:27
 Operator : SY/VA
 Sample : K2068-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M7

Quant Time: Mar 30 12:17:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284108	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248931	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99615	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65544	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	74274	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.01	63	110681	15.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.32%
20) 2-Butanone-d5	7.08	46	40286	28.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.38%
24) Chloroform-d	7.65	84	184285	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.30	65	118057	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	315340	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.27	67	105907	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	10.32	98	247865	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.12%
38) trans-1,3-Dichloropropene-	10.57	79	32079	15.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.96%
39) 2-Hexanone-d5	10.93	63	29020	29.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114874	28.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	83861	21.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.80%

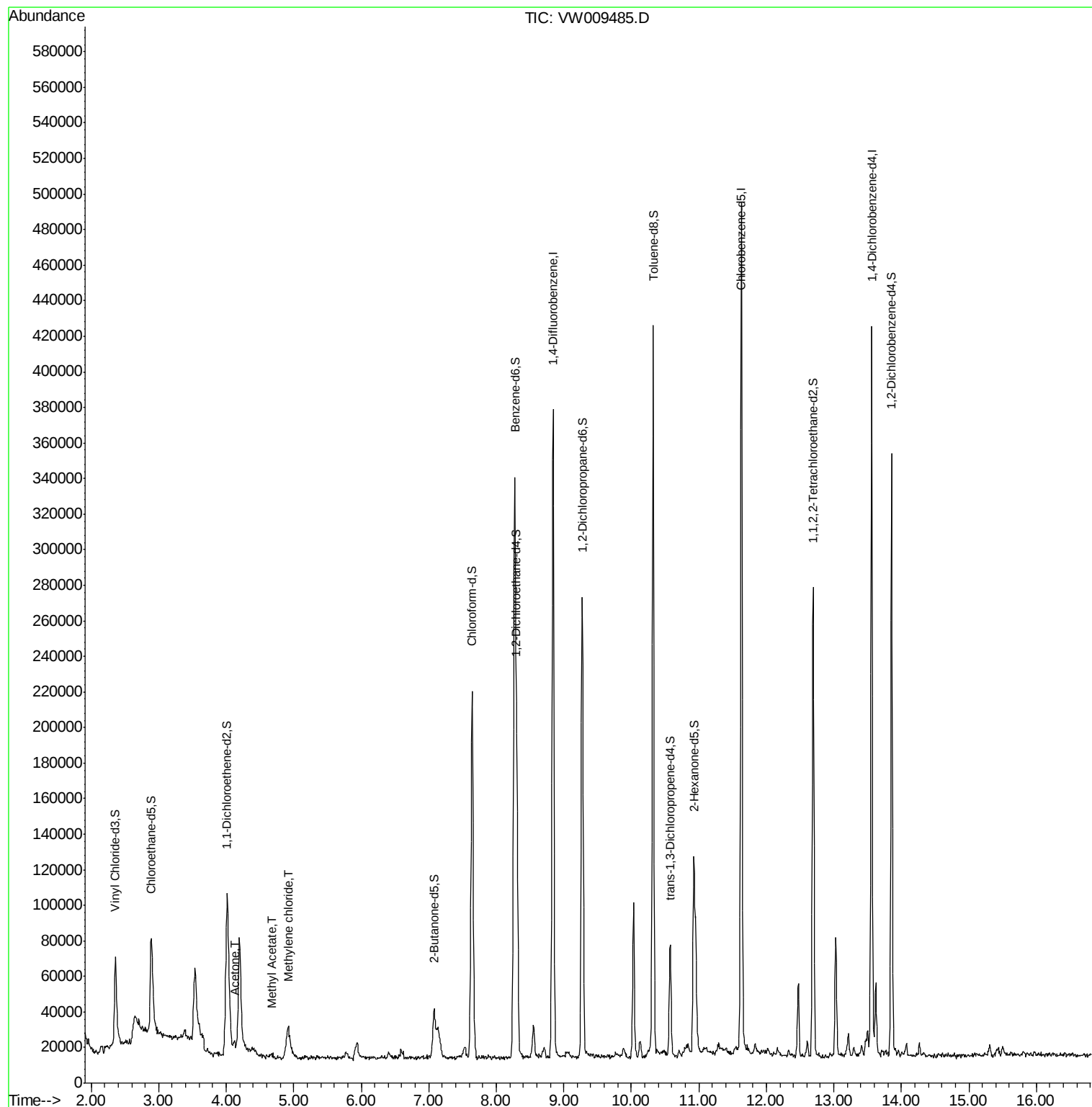
Target Compounds					Ovalue
13) Acetone	4.12	43	12190	10.587 ug/L	75
15) Methyl Acetate	4.68	43	3559m	1.573 ug/L	
16) Methylene chloride	4.92	84	15486m	3.738 ug/L	

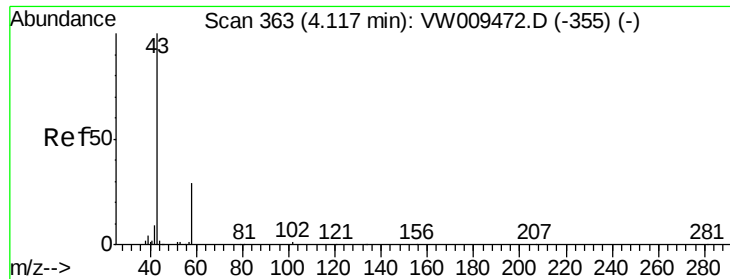
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.587 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009485.D

Acq: 27 Mar 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

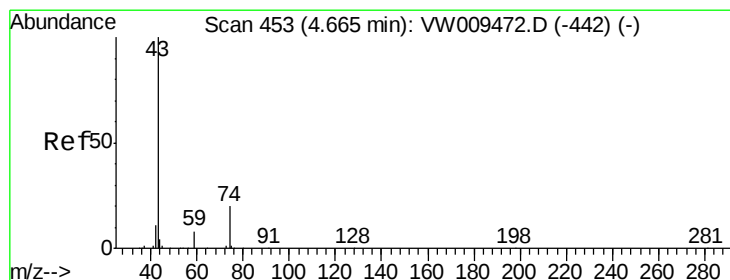
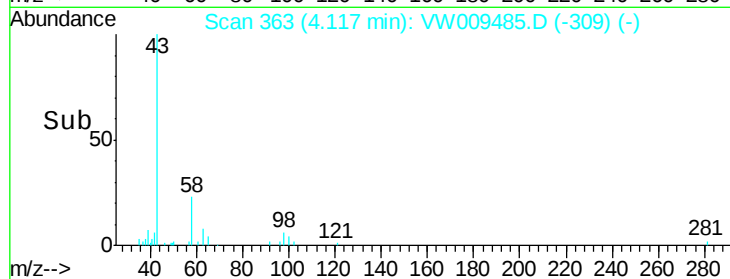
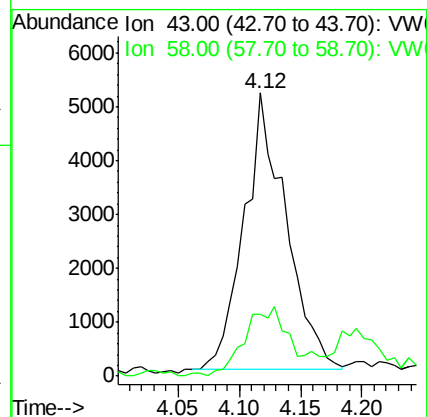
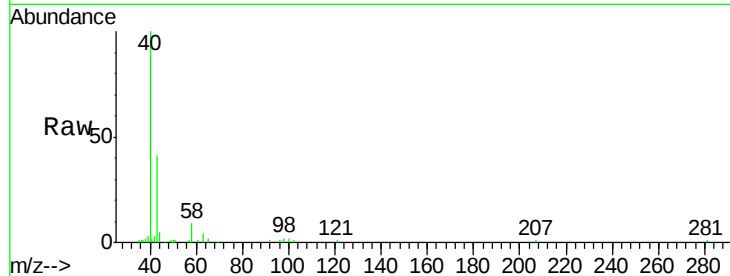
BF5M7

Tot Ion: 43 Resp: 12190

Ion Ratio Lower Upper

43 100

58 15.2 0.0 56.2



#15

Methyl Acetate

Concen: 1.573 ug/L m

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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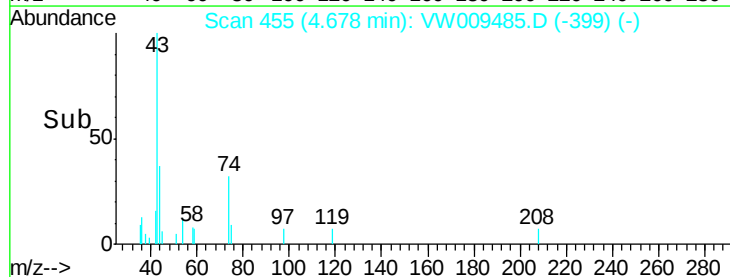
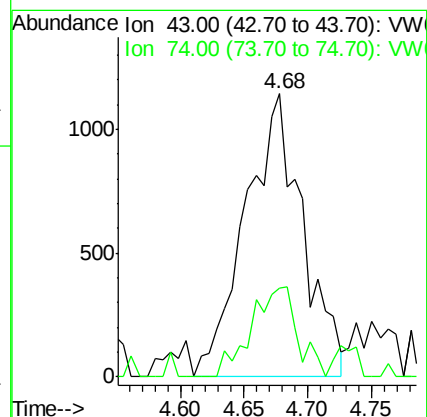
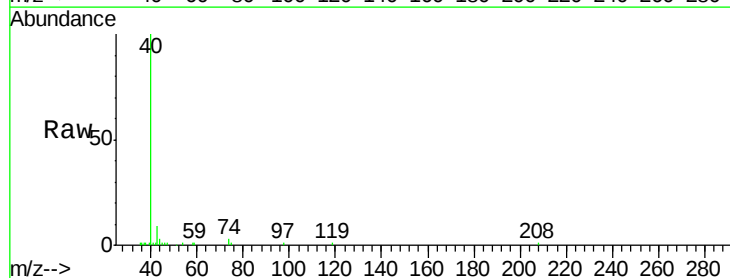
Acq: 27 Mar 2019 01:27

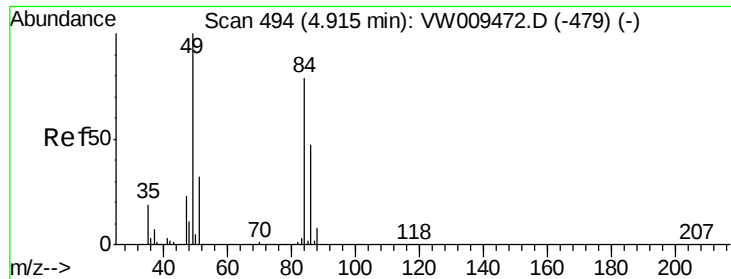
Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

43 100

74 10.1 16.7 25.1#

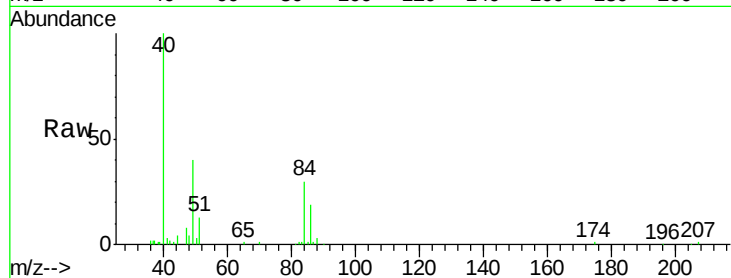




#16
 Methvlene chloride
 Concen: 3.738 ug/L m
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW009485.D
 Acq: 27 Mar 2019 01:27

Instrument :
 MSVOA_W
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 BF5M7

Tot Ion: 84 Resp: 15486
 Ion Ratio Lower Upper
 84 100
 49 133.8 96.0 178.2
 86 63.7 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW
 Ion 49.00 (48.70 to 49.70): VW
 Ion 86.00 (85.70 to 86.70): VW

