

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009560.D
 Acq On : 29 Mar 2019 02:40
 Operator : SY/VA
 Sample : K2149-01
 Misc : 2.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5G7

Quant Time: Mar 29 08:47:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115880	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.84%
7) Chloroethane-d5	2.89	69	115941	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.01	63	172760	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.08	46	24880	13.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.72%
24) Chloroform-d	7.64	84	253555	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	160978	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	444222	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	9.27	67	146881	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.64%
37) Toluene-d8	10.32	98	365405	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	10.57	79	30890	12.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	48.44%
39) 2-Hexanone-d5	10.93	63	16622	13.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114477	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	82602	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

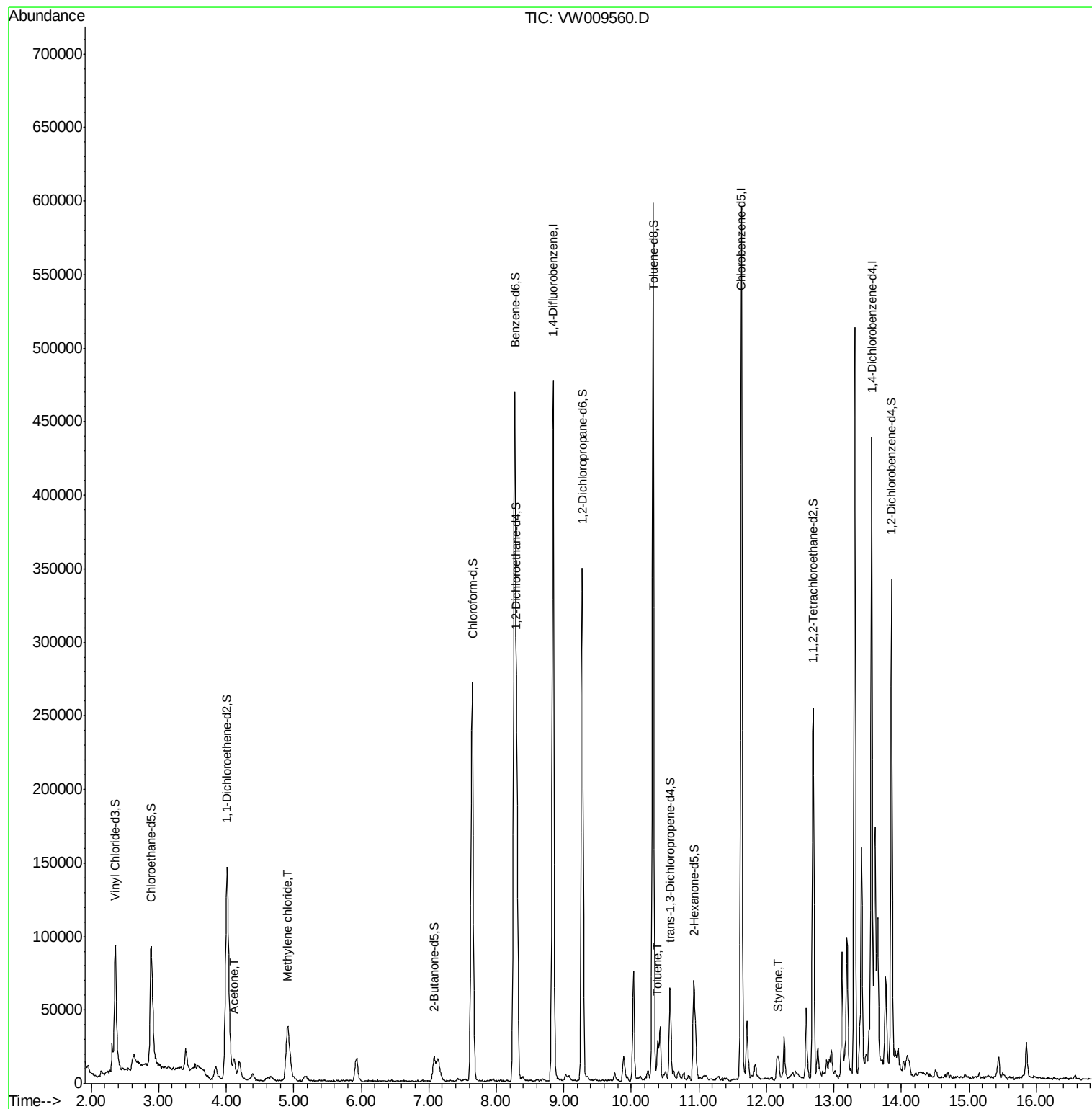
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.11	43	22971	15.609	ug/L	95
16) Methylene chloride	4.90	84	31999	6.043	ug/L	92
44) Toluene	10.38	91	9865	0.537	ug/L	98
56) Styrene	12.18	104	5415	0.415	ug/L	94

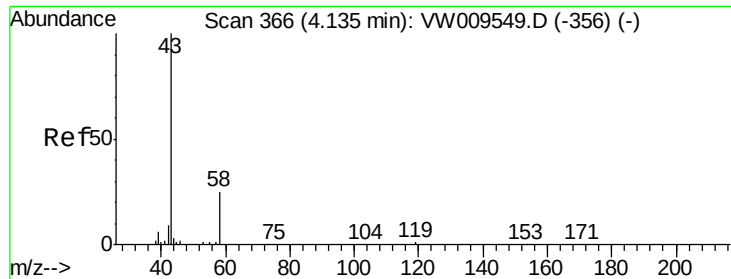
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.609 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

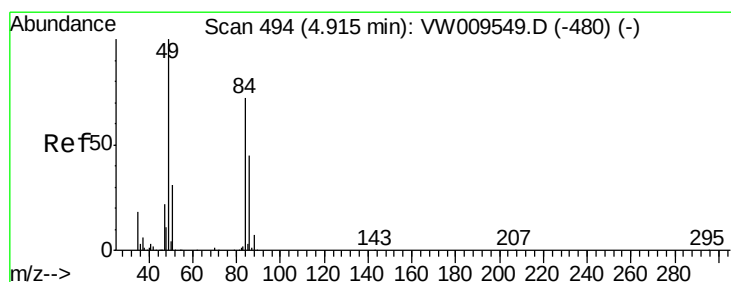
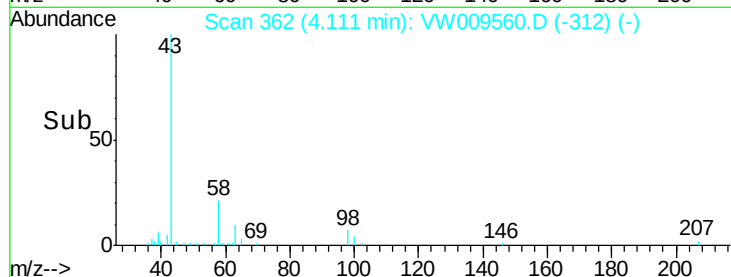
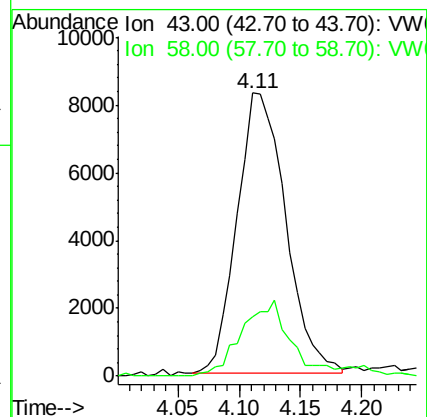
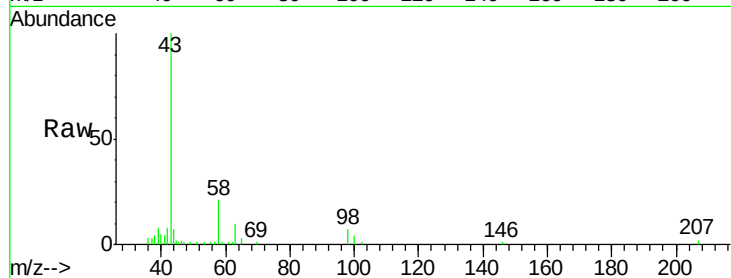
BF5G7

Tgt Ion: 43 Resp: 22971

Ion Ratio Lower Upper

43 100

58 25.4 0.0 56.2



#16

Methylene chloride

Concen: 6.043 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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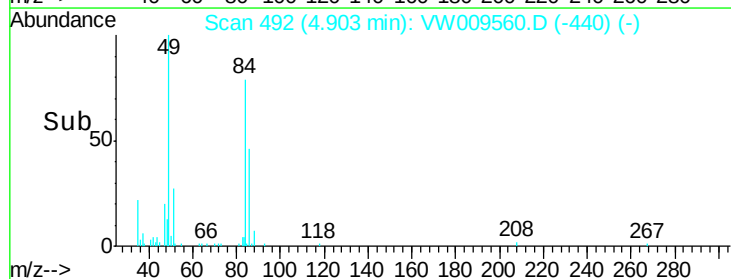
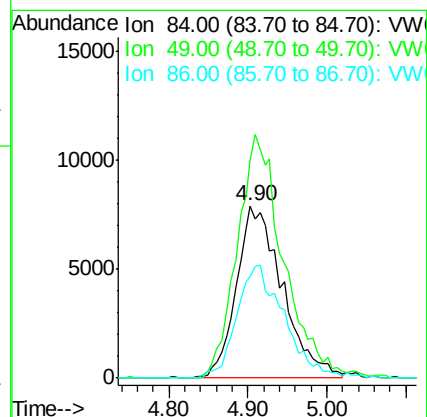
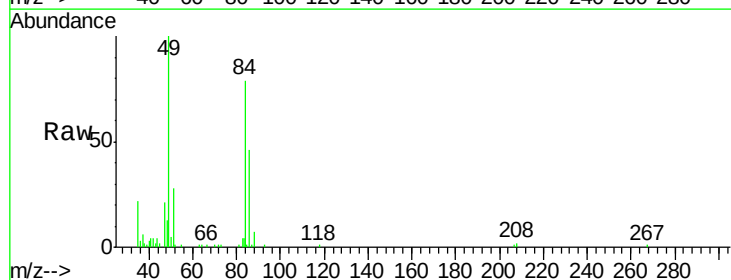
Tgt Ion: 84 Resp: 31999

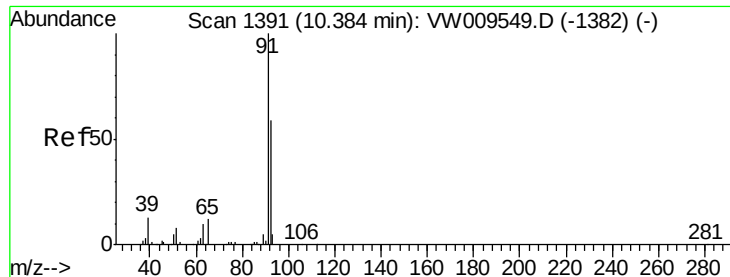
Ion Ratio Lower Upper

84 100

49 126.2 96.0 178.2

86 58.6 44.4 82.5





#44

Toluene

Concen: 0.537 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

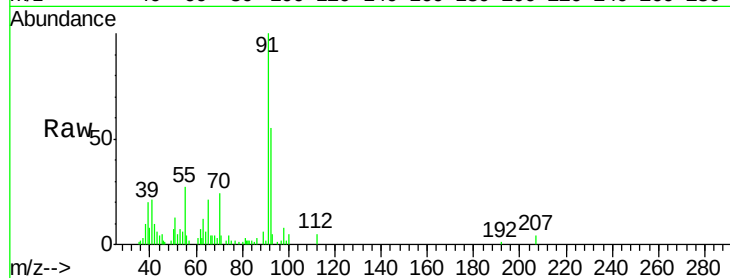
BF5G7

Tgt Ion: 91 Resp: 9865

Ion Ratio Lower Upper

91 100

92 55.1 39.8 73.8

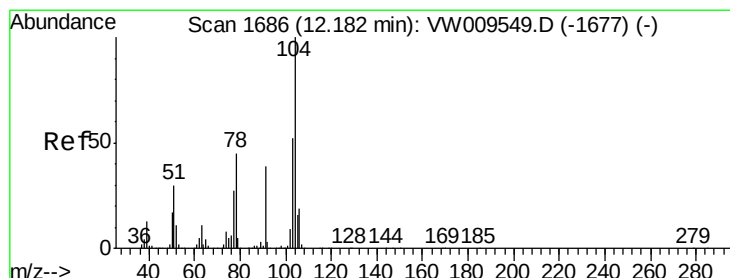
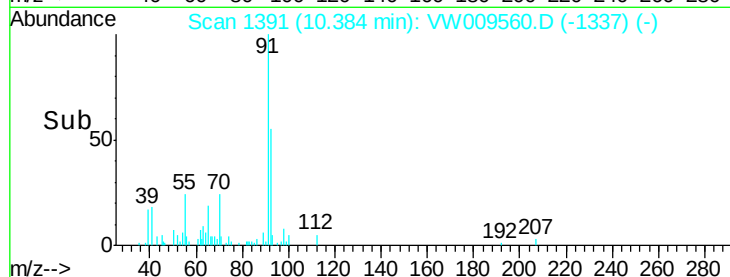


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.38

Time--> 10.30 10.35 10.40 10.45



#56

Styrene

Concen: 0.415 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

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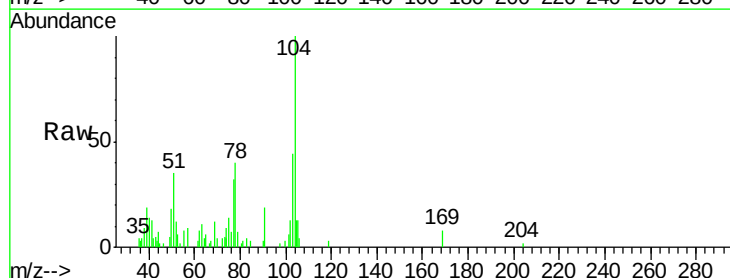
Acq: 29 Mar 2019 02:40

Tgt Ion: 104 Resp: 5415

Ion Ratio Lower Upper

104 100

78 40.0 30.9 57.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

12.18

Time--> 12.15 12.20

