

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013819.D
 Acq On : 30 Oct 2019 03:24
 Operator : SY/VA
 Sample : K5549-15
 Misc : 4.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ68

Quant Time: Oct 30 08:07:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	264291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115658	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95551	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.88%
7) Chloroethane-d5	2.89	69	78073	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
10) 1,1-Dichloroethene-d2	4.02	63	142734	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.72%
20) 2-Butanone-d5	7.07	46	92843	80.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.10%#
24) Chloroform-d	7.65	84	210433	28.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.84%
26) 1,2-Dichloroethane-d4	8.31	65	124289	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.56%
29) Benzene-d6	8.27	84	426512	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	9.27	67	138033	31.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.96%#
37) Toluene-d8	10.32	98	383453	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.28%
38) trans-1,3-Dichloropropene-	10.58	79	58523	29.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.36%
39) 2-Hexanone-d5	10.92	63	76730	91.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.10%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136047	37.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	151.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	122947	30.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.32%#

Target Compounds

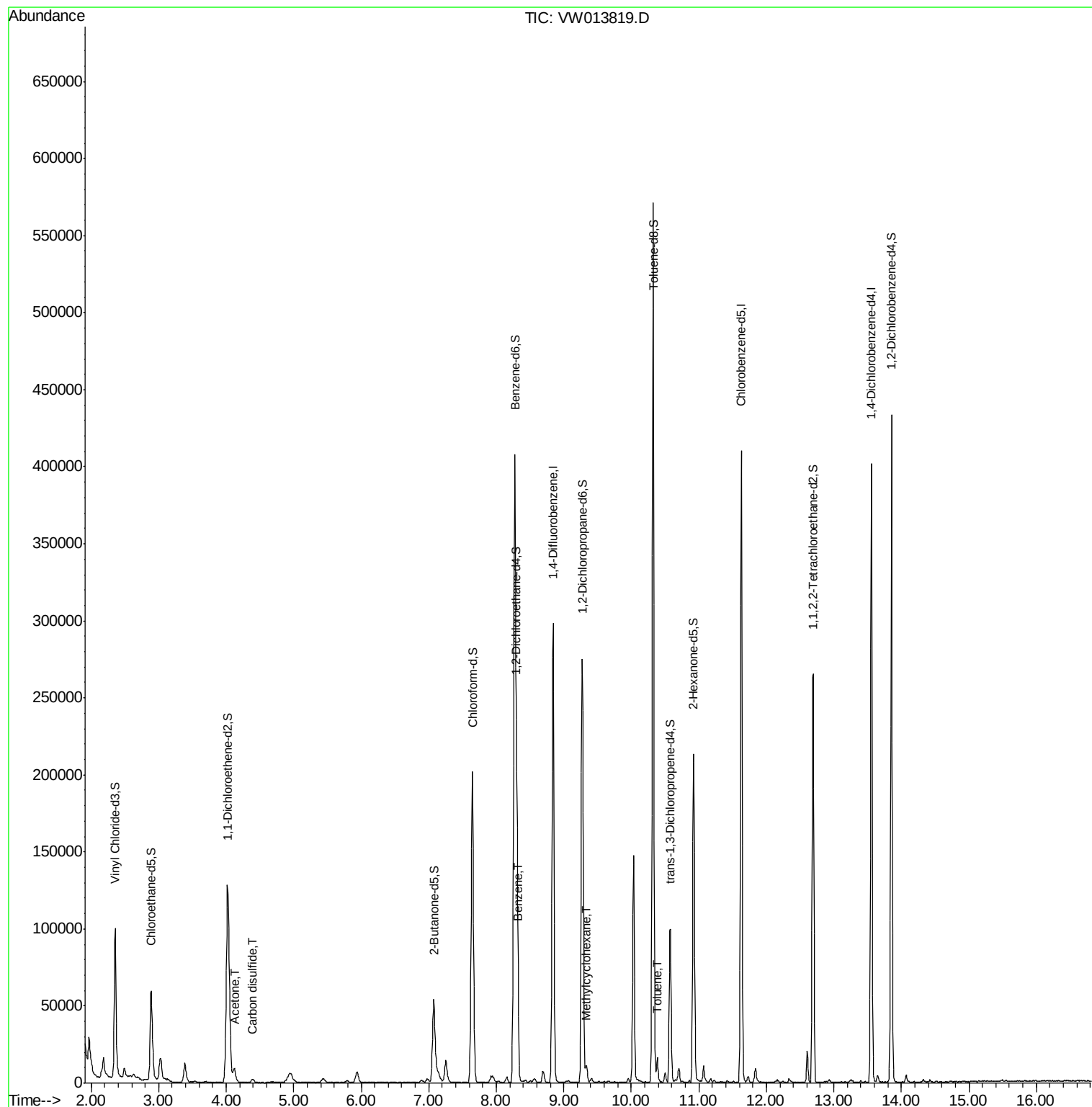
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	14580	11.327	ug/L	67
14) Carbon disulfide	4.38	76	3527	0.293	ug/L	100
34) Benzene	8.33	78	6540	0.373	ug/L	100
36) Methylcyclohexane	9.34	83	3768	0.475	ug/L #	68
44) Toluene	10.39	91	10655	0.566	ug/L	90

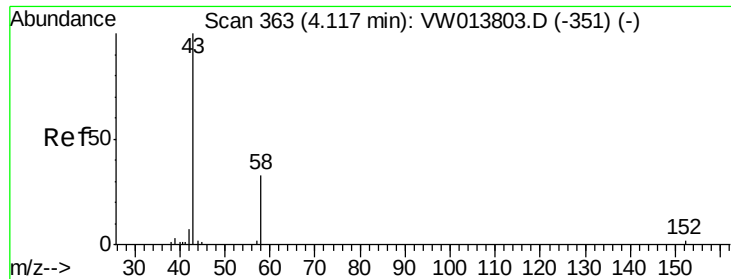
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 08:16:17 2019
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#13

Acetone

Concen: 11.327 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013819.D

Acq: 30 Oct 2019 03:24

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MSVOA_W

ClientSampleId :

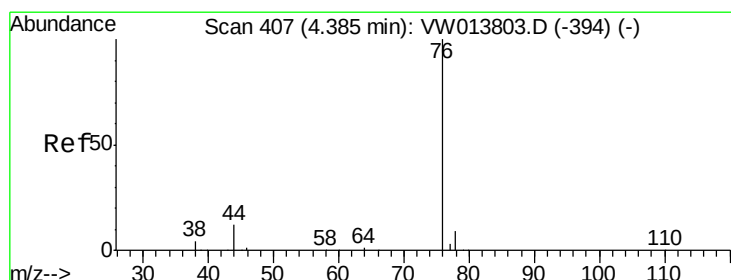
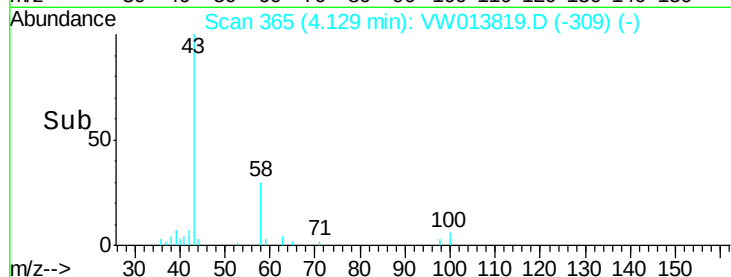
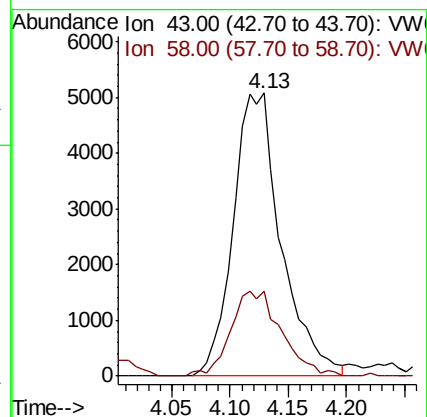
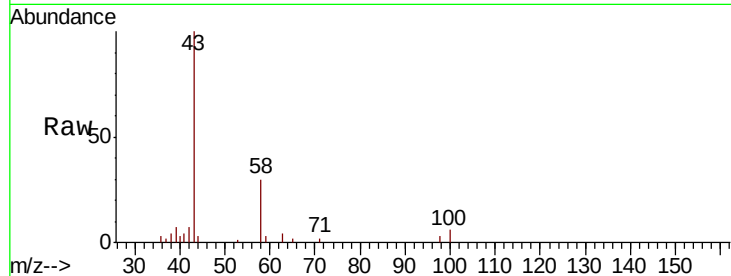
GAQ68

Tot Ion: 43 Resp: 14580

Ion Ratio Lower Upper

43 100

58 15.7 0.0 70.4



#14

Carbon disulfide

Concen: 0.293 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW013819.D

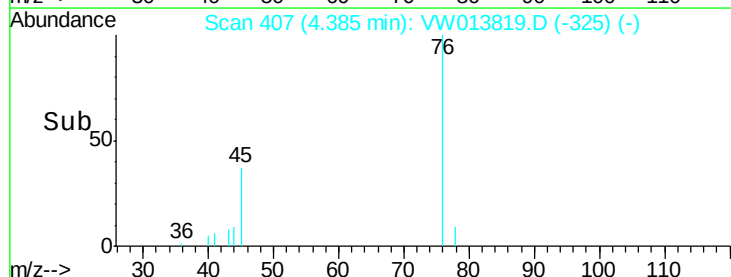
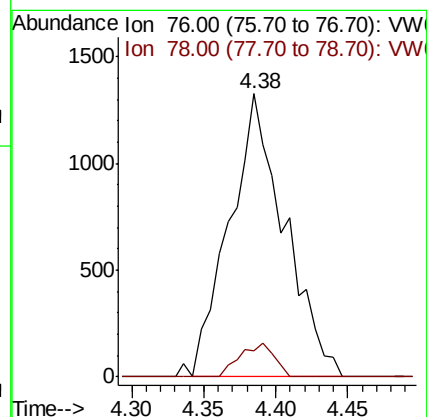
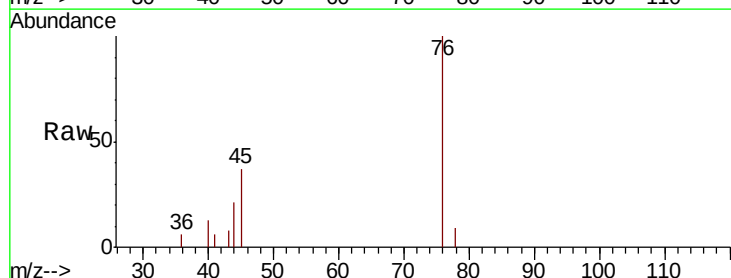
Acq: 30 Oct 2019 03:24

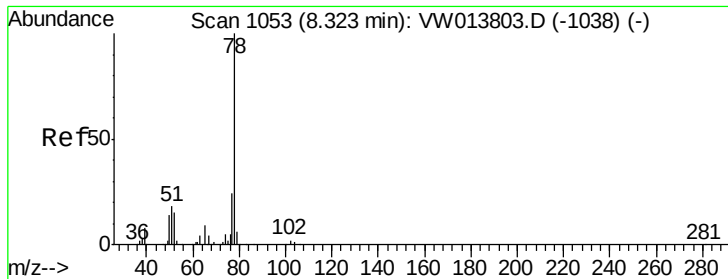
Tgt Ion: 76 Resp: 3527

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#34

Benzene

Concen: 0.373 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW013819.D

Acq: 30 Oct 2019 03:24

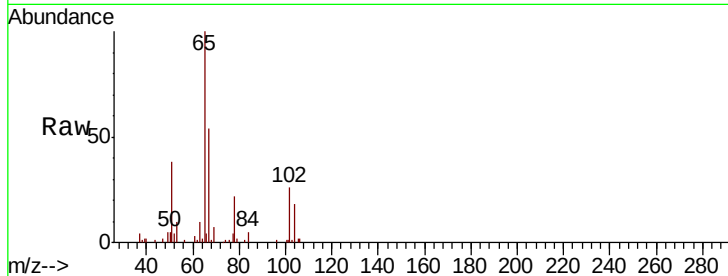
Instrument :

MSVOA_W

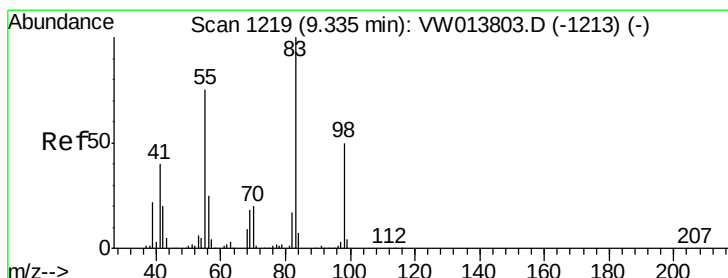
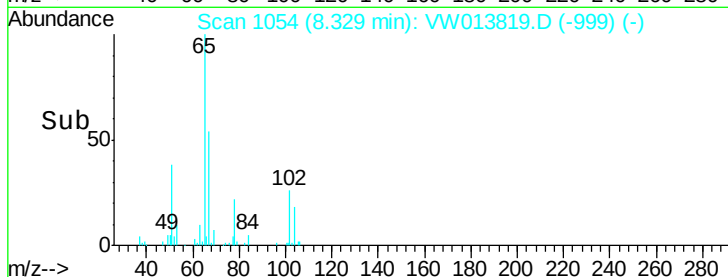
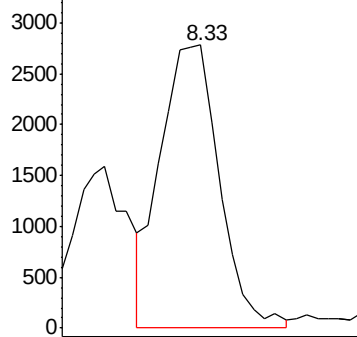
ClientSampled :

GAQ68

Tgt Ion: 78 Resp: 6540



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 0.475 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW013819.D

Acq: 30 Oct 2019 03:24

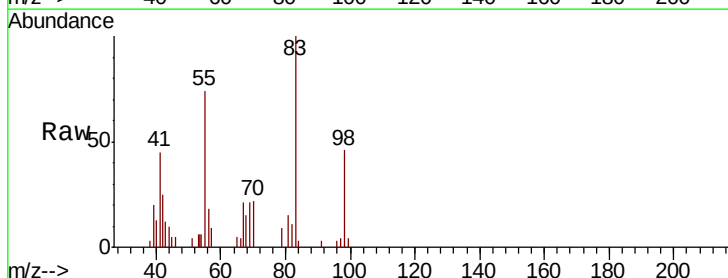
Tgt Ion: 83 Resp: 3768

Ion Ratio Lower Upper

83 100

55 97.6 60.2 90.4#

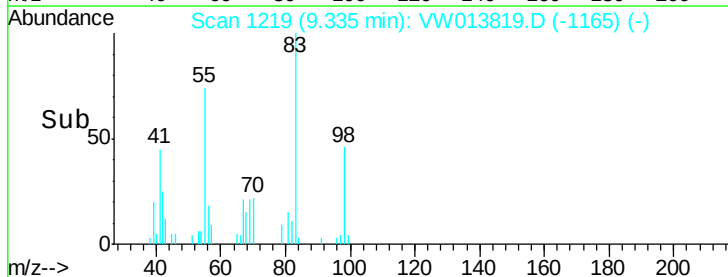
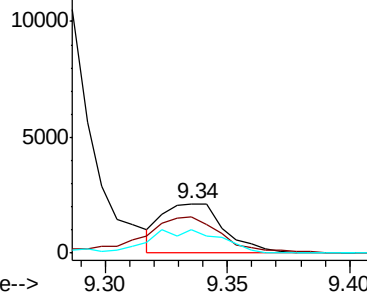
98 21.2 39.1 58.7#

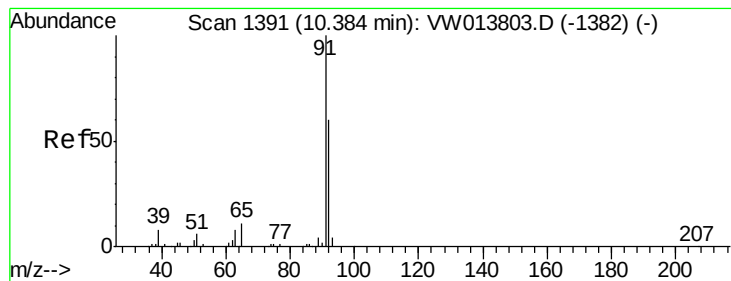


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 0.566 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013819.D

Acq: 30 Oct 2019 03:24

Instrument :

MSVOA_W

ClientSampleId :

GAQ68

Tot Ion: 91 Resp: 10655

Ion Ratio Lower Upper

91 100

92 67.9 42.0 78.0

