

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013860.D
 Acq On : 31 Oct 2019 16:26
 Operator : SY/VA
 Sample : K5552-16
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC9

Quant Time: Nov 01 03:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157015	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119966	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.08%
7) Chloroethane-d5	2.89	69	93300	29.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.40%
10) 1,1-Dichloroethene-d2	4.03	63	174643	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.20%
20) 2-Butanone-d5	7.07	46	116501	80.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.76%#
24) Chloroform-d	7.65	84	238314	28.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.72%
26) 1,2-Dichloroethane-d4	8.31	65	144988	32.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.44%
29) Benzene-d6	8.27	84	509473	29.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.08%
33) 1,2-Dichloropropane-d6	9.27	67	160791	30.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.24%#
37) Toluene-d8	10.32	98	482964	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.08%
38) trans-1,3-Dichloropropene-	10.58	79	74710	31.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.16%
39) 2-Hexanone-d5	10.92	63	99625	82.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.50%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168149	35.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	183615	30.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.48%#

Target Compounds

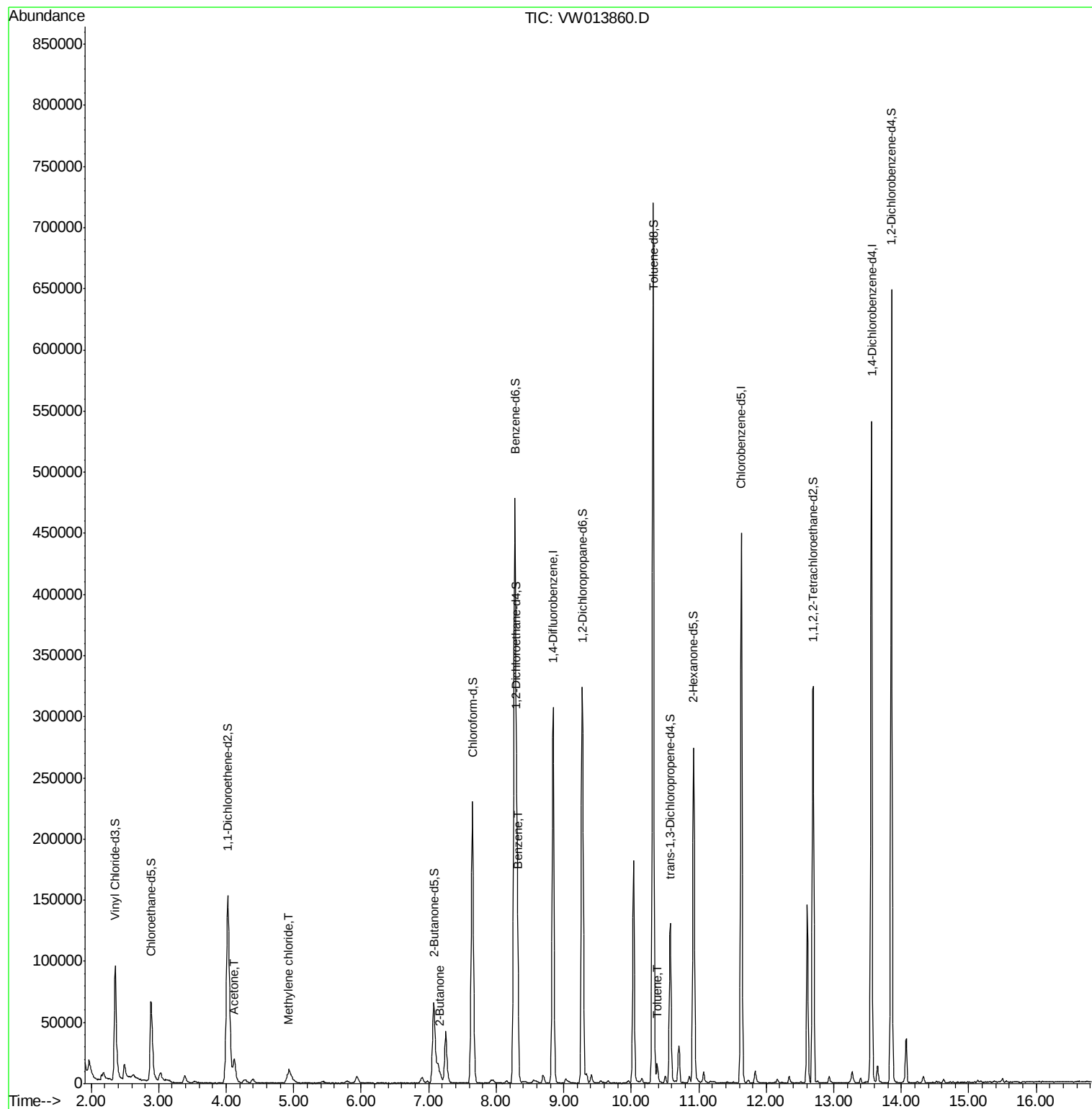
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	33711	25.009	ug/L	100
16) Methylene chloride	4.93	84	9504	1.806	ug/L	99
21) 2-Butanone	7.17	43	7645	3.952	ug/L	99
34) Benzene	8.32	78	7396	0.394	ug/L	100
44) Toluene	10.38	91	11469	0.565	ug/L	95

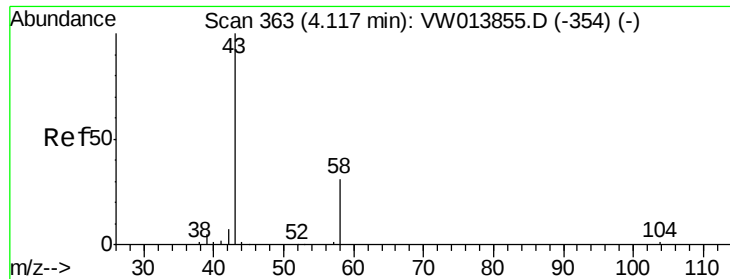
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.009 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013860.D

Acq: 31 Oct 2019 16:26

Instrument :

MSVOA_W

ClientSampled :

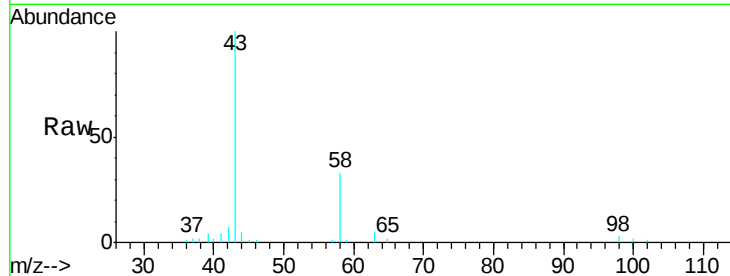
GAQC9

Tgt Ion: 43 Resp: 33711

Ion Ratio Lower Upper

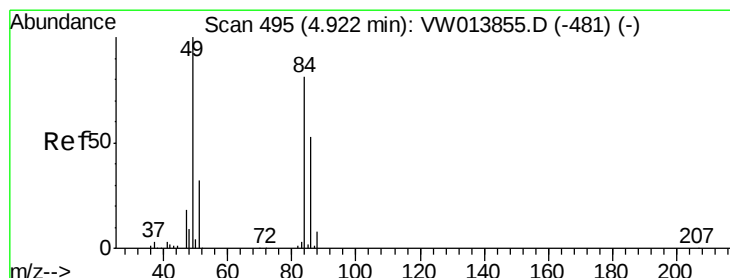
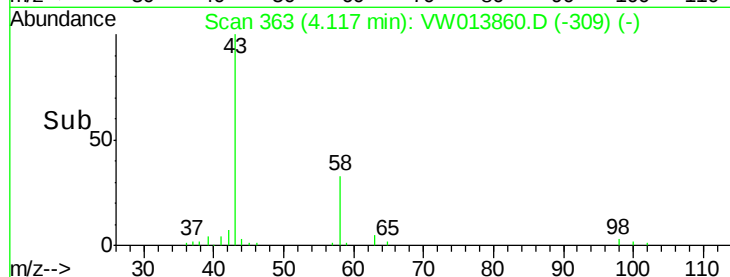
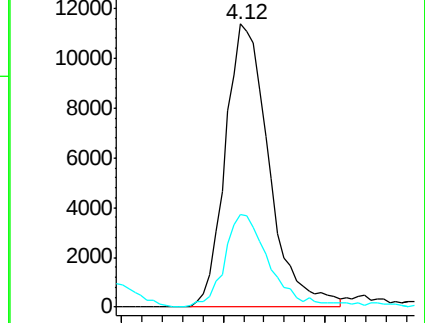
43 100

58 31.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.806 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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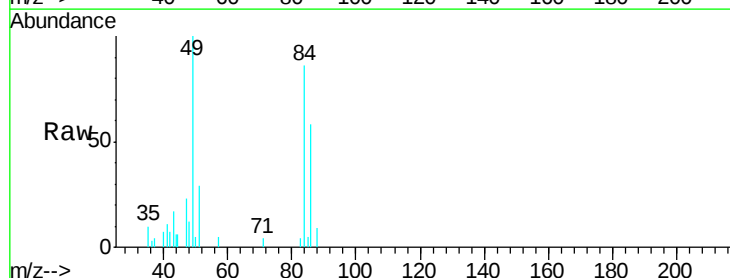
Tgt Ion: 84 Resp: 9504

Ion Ratio Lower Upper

84 100

49 116.6 82.2 152.6

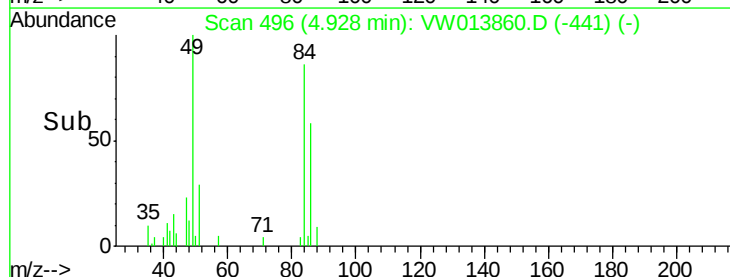
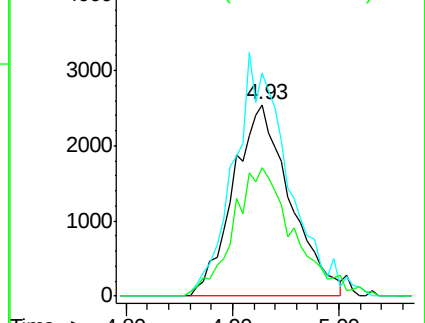
86 67.2 45.6 84.8

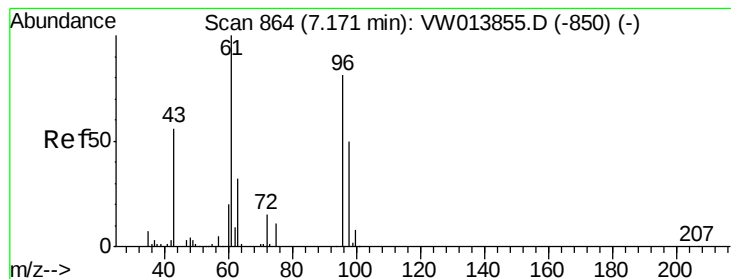


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.952 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

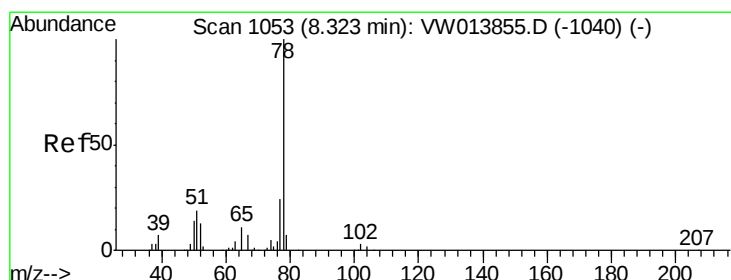
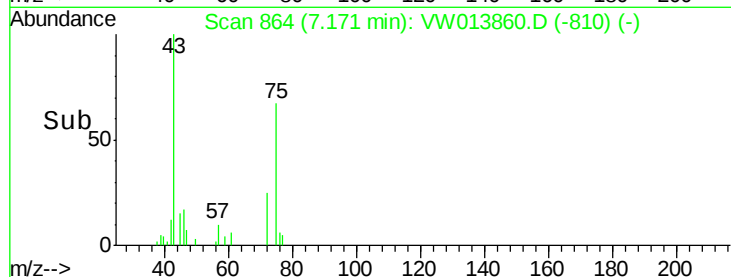
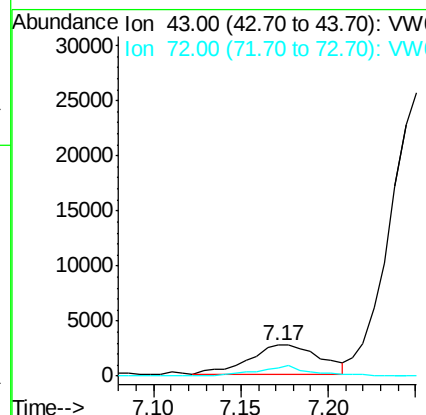
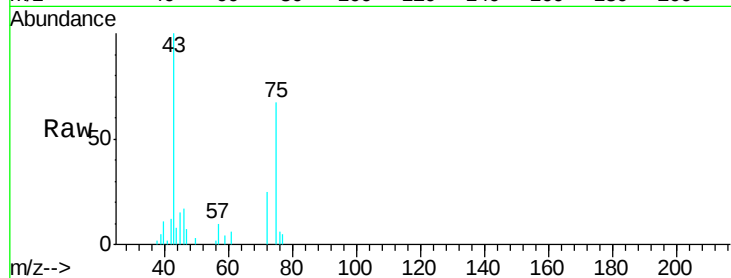
GAQC9

Tgt Ion: 43 Resp: 7645

Ion Ratio Lower Upper

43 100

72 28.2 14.0 41.9



#34

Benzene

Concen: 0.394 ug/L

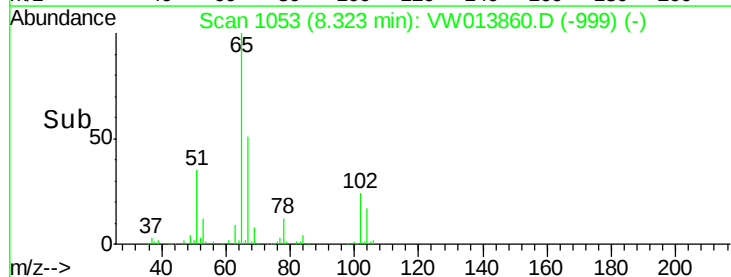
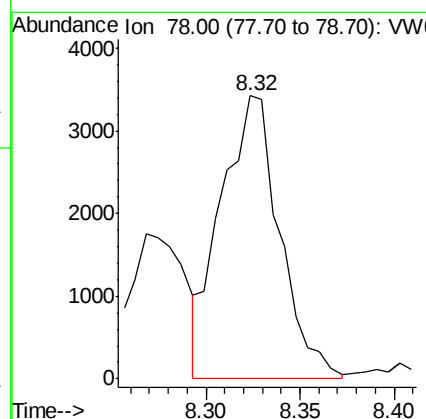
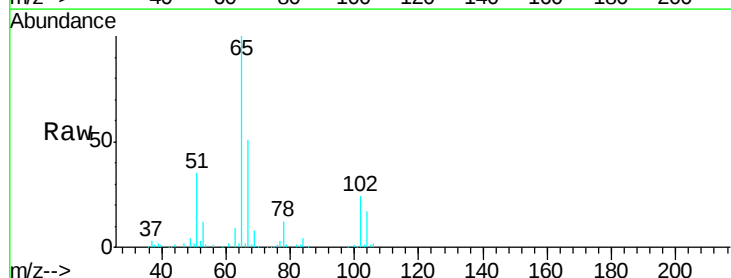
RT: 8.32 min Scan# 1053

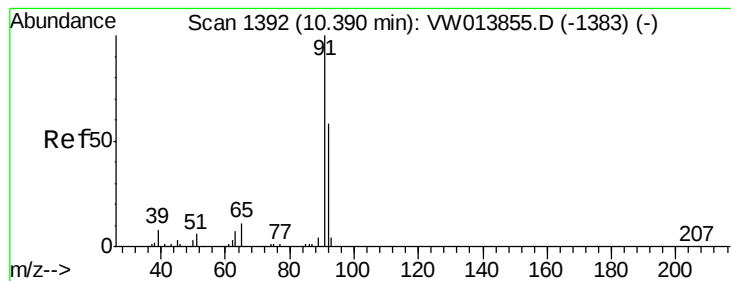
Delta R.T. 0.00 min

Lab File: VW013860.D

Acq: 31 Oct 2019 16:26

Tgt Ion: 78 Resp: 7396





#44

Toluene

Concen: 0.565 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013860.D

Acq: 31 Oct 2019 16:26

Instrument :

MSVOA_W

ClientSampleId :

GAQC9

Tgt Ion: 91 Resp: 11469

Ion Ratio Lower Upper

91 100

92 56.2 42.0 78.0

