

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
 Data File : VW013898.D
 Acq On : 01 Nov 2019 14:59
 Operator : SY/VA
 Sample : K5552-16
 Misc : 3.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC9

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 4:04:23 PM

Quant Time: Nov 01 23:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 00:12:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104773	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	2.89	69	83549	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.02	63	155635	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	83030	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
24) Chloroform-d	7.65	84	210260	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	8.30	65	123119	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.27	84	450438	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	9.27	67	138700	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.64%
37) Toluene-d8	10.32	98	420696	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	62283	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.92	63	67387	49.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128308	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	145016	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

					Qvalue
13) Acetone	4.12	43	34129	20.611 ug/L	100
21) 2-Butanone	7.18	43	6834m	3.007 ug/L	
34) Benzene	8.32	78	8234	0.384 ug/L	100
44) Toluene	10.38	91	8730	0.379 ug/L	97

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

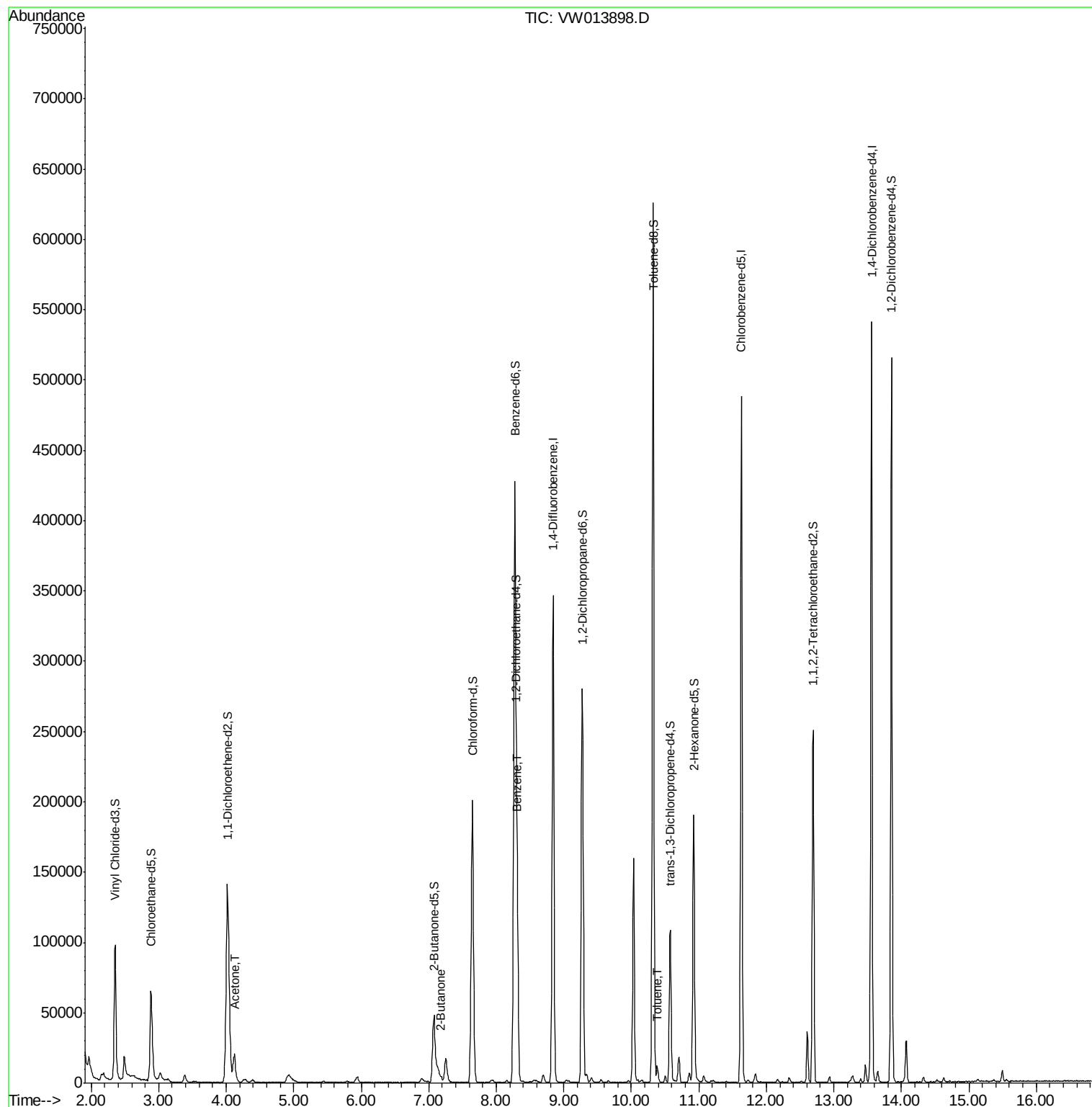
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
Data File : VW013898.D
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Operator : SY/VA
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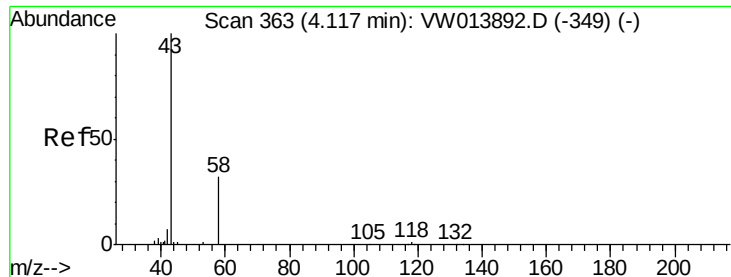
Instrument :
MSVOA_W
ClientSampleId :
GAQC9

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Quant Time: Nov 01 23:38:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 00:12:22 2019
Response via : Initial Calibration





#13

Acetone

Concen: 20.611 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013898.D

Acq: 01 Nov 2019 14:59

Instrument :

MSVOA_W

ClientSampled :

GAQC9

Tgt Ion: 43 Resp: 34129

Ion Ratio Lower Upper

43 100

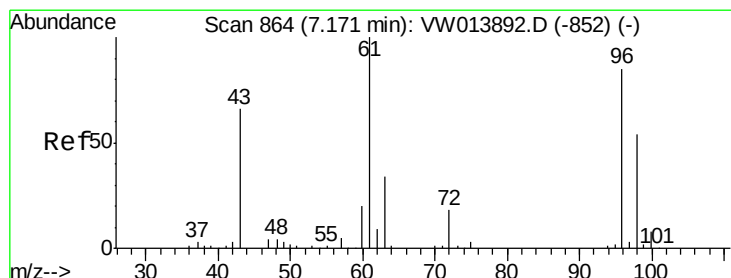
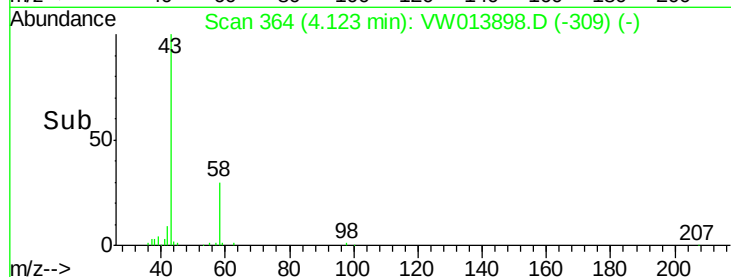
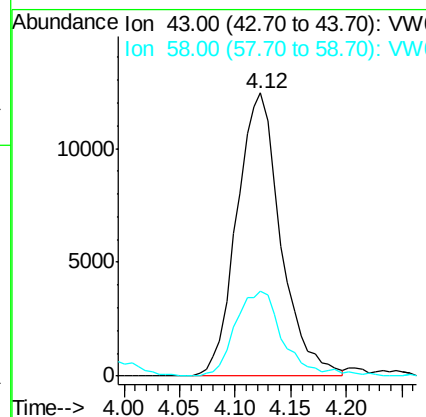
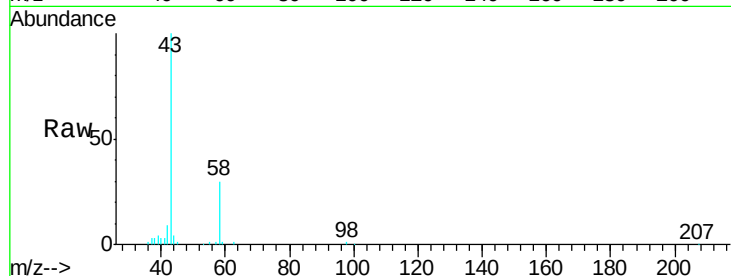
58 31.3 0.0 62.8

Manual Integrations

APPROVED

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#21

2-Butanone

Concen: 3.007 ug/L m

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013898.D

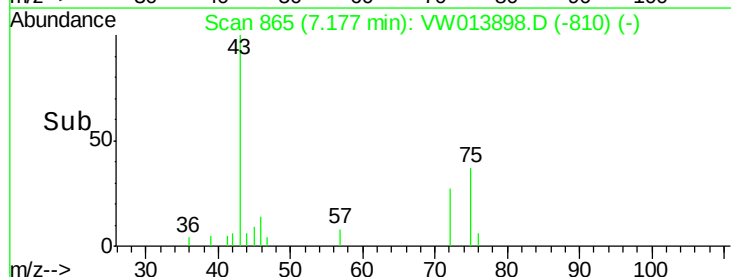
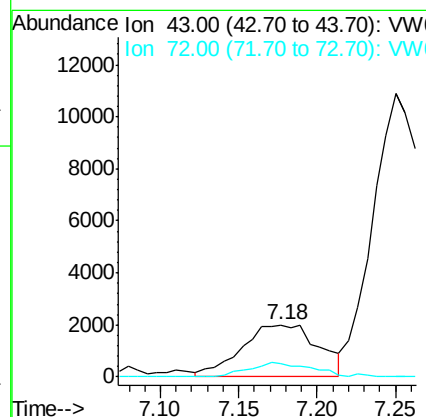
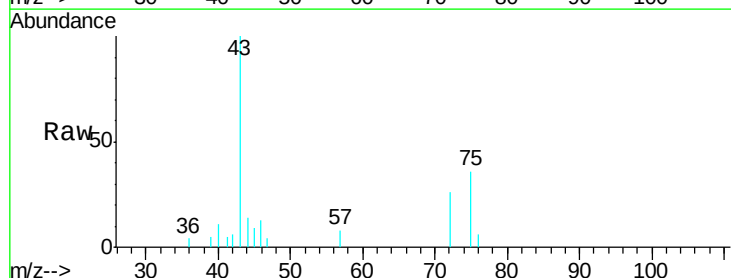
Acq: 01 Nov 2019 14:59

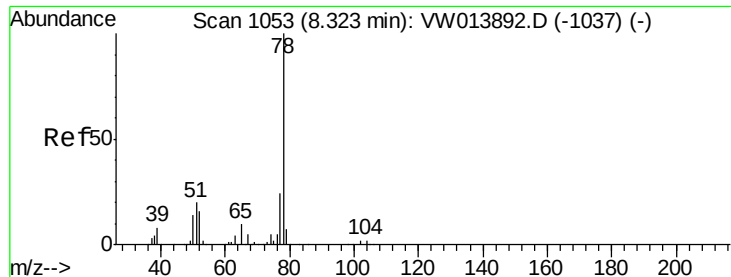
Tgt Ion: 43 Resp: 6834

Ion Ratio Lower Upper

43 100

72 22.2 13.6 40.8





#34

Benzene

Concen: 0.384 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW013898.D

Acq: 01 Nov 2019 14:59

Instrument :

MSVOA_W

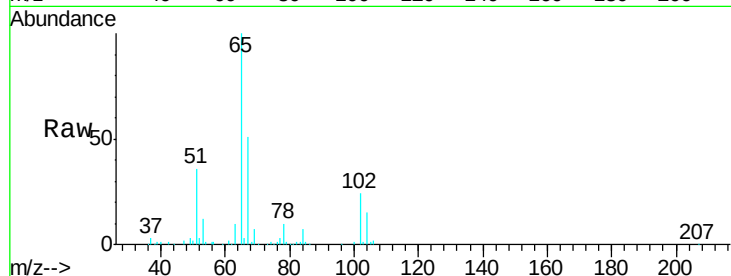
ClientSampleId :

GAQC9

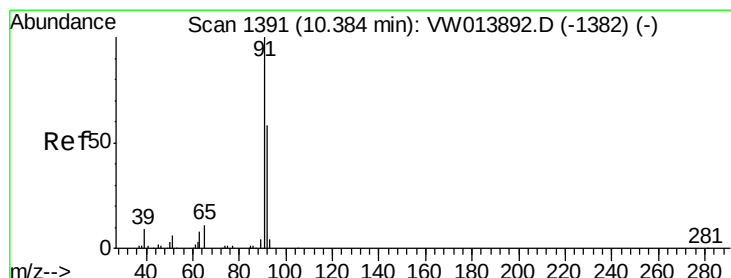
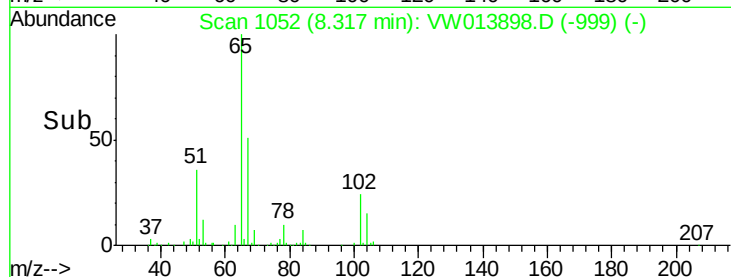
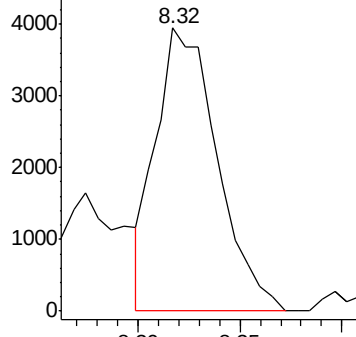
Tgt Ion: 78 Resp: 8234

Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.379 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013898.D

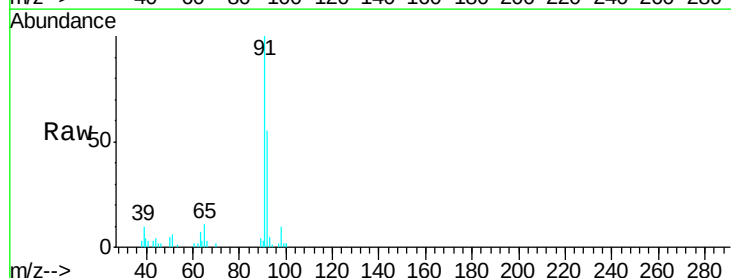
Acq: 01 Nov 2019 14:59

Tgt Ion: 91 Resp: 8730

Ion Ratio Lower Upper

91 100

92 55.4 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

