

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007316.D
 Acq On : 07 Dec 2018 19:15
 Operator : SY/AP
 Sample : J6238-05
 Misc : 6.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BE808

Quant Time: Dec 08 03:18:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	74848	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	61446	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	23229	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13185	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.20%
7) Chloroethane-d5	2.89	69	11125	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.76%
10) 1,1-Dichloroethene-d2	4.00	63	34318	20.41	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.64%
20) 2-Butanone-d5	7.07	46	11153	36.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.58%
24) Chloroform-d	7.65	84	43688	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	24940	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	91165	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	9.27	67	25780	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	10.32	98	83884	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.24%
38) trans-1,3-Dichloropropene-	10.58	79	11572	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.08%
39) 2-Hexanone-d5	10.93	63	8157	35.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17264	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	20593	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

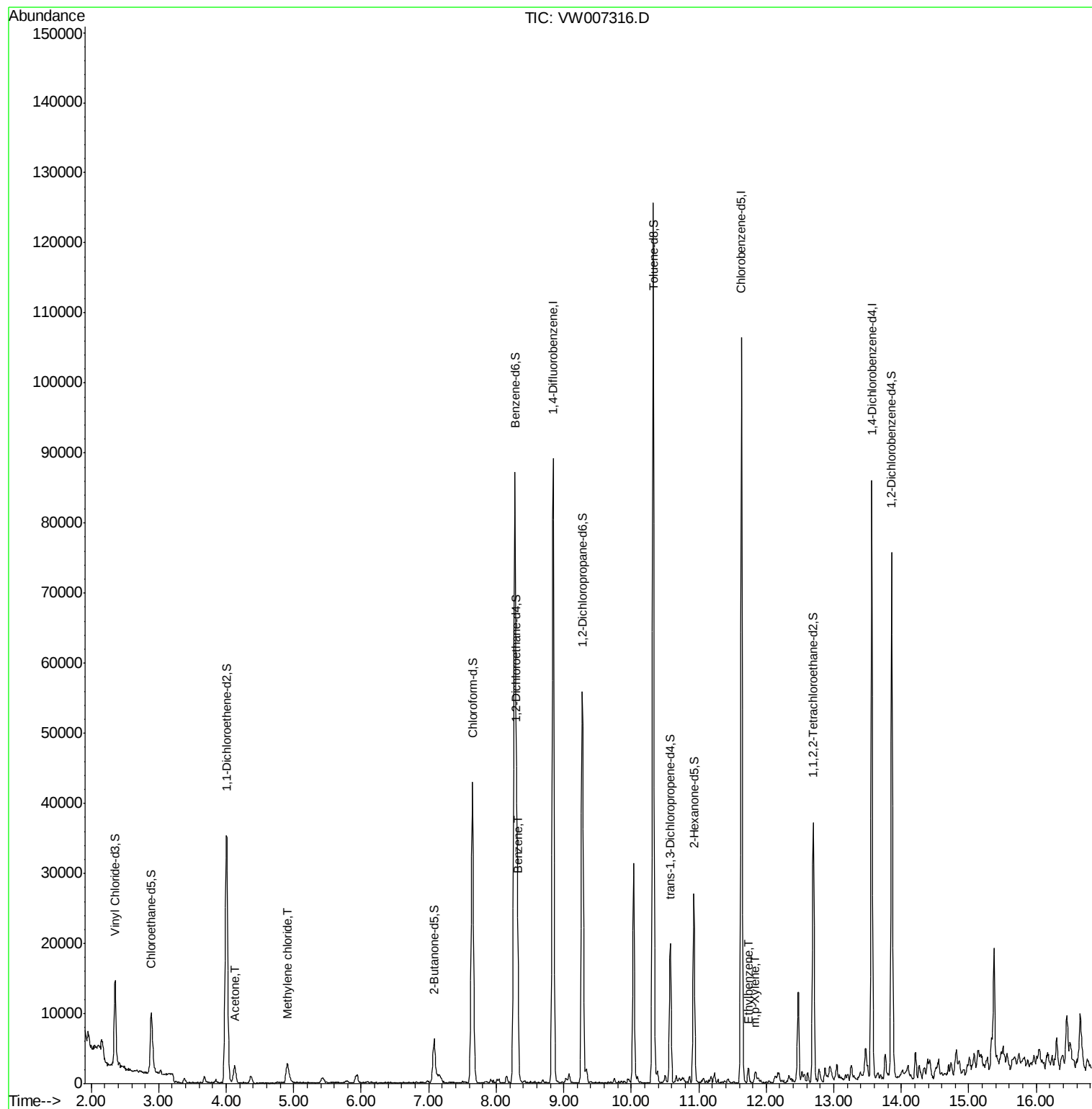
					Qvalue
13) Acetone	4.12	43	3908	10.937 ug/L	77
16) Methylene chloride	4.91	84	2072	1.713 ug/L	86
34) Benzene	8.32	78	2692	0.764 ug/L	100
53) Ethylbenzene	11.73	91	1558	0.365 ug/L	92
54) m,p-Xylene	11.84	106	639	0.394 ug/L #	57

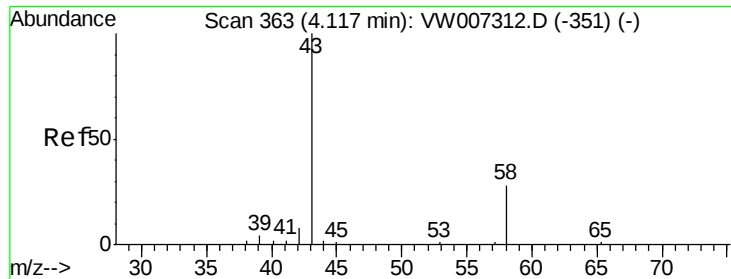
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.937 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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ClientSampleId :

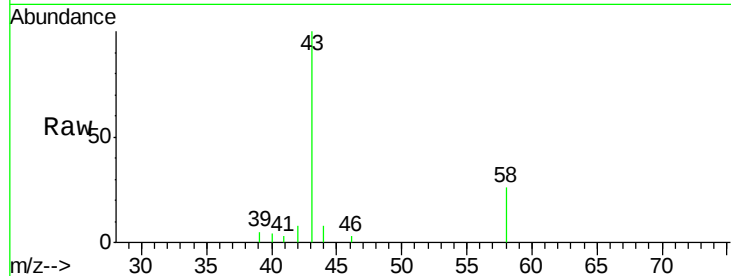
BE808

Tgt Ion: 43 Resp: 3908

Ion Ratio Lower Upper

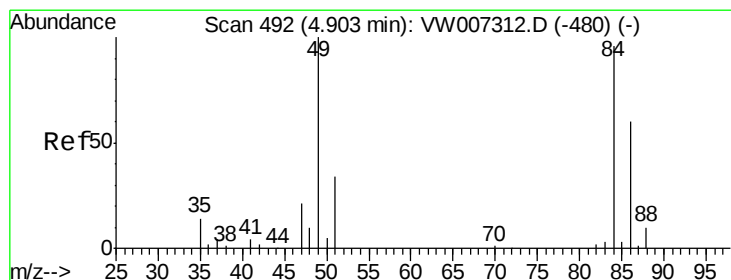
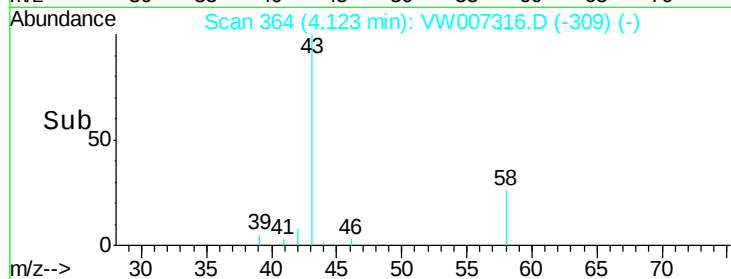
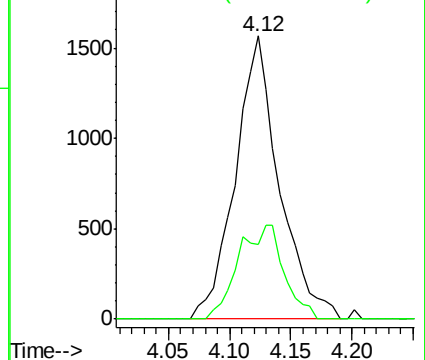
43 100

58 17.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.713 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007316.D

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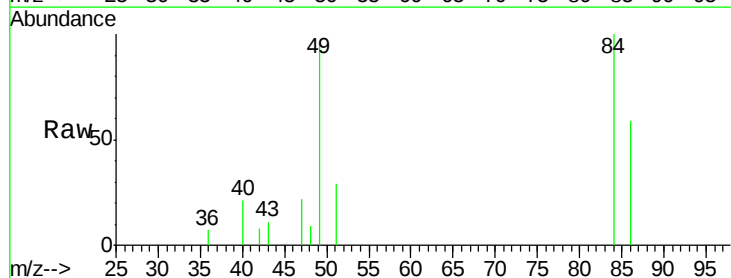
Tgt Ion: 84 Resp: 2072

Ion Ratio Lower Upper

84 100

49 96.4 80.8 150.2

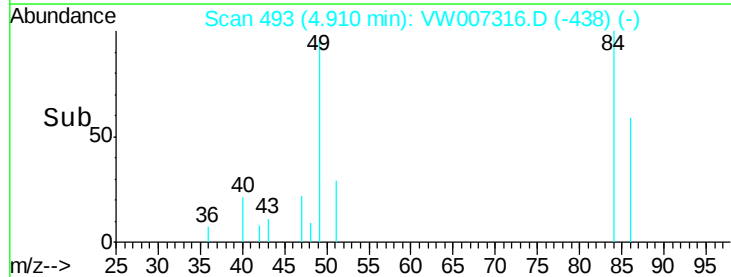
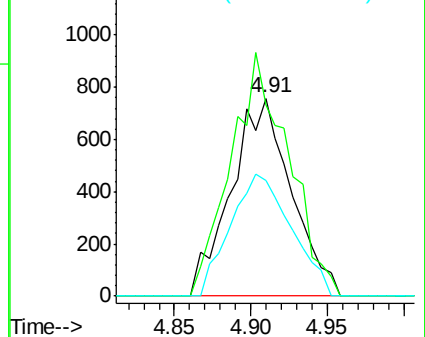
86 58.6 45.8 85.2

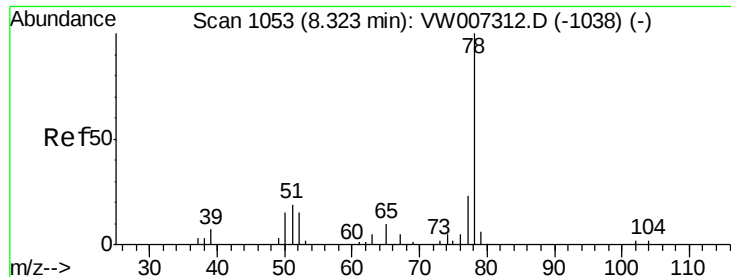


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.764 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007316.D

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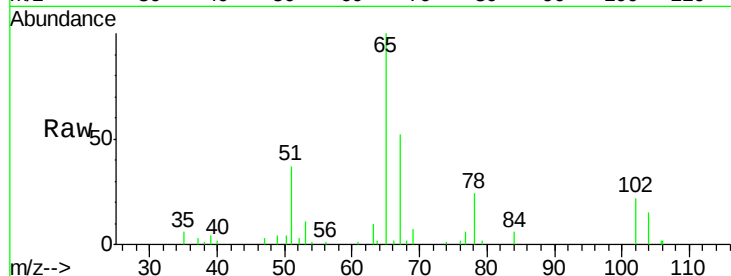
Instrument :

MSVOA_W

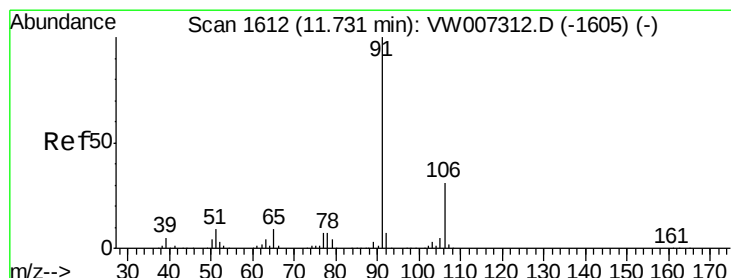
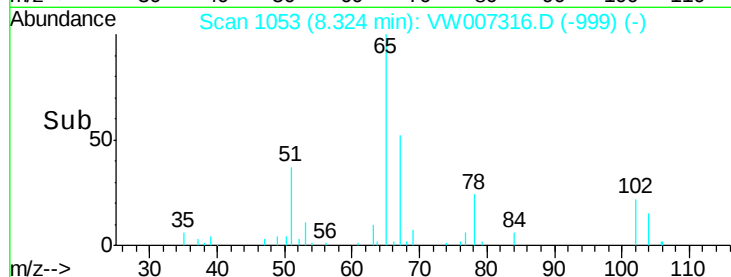
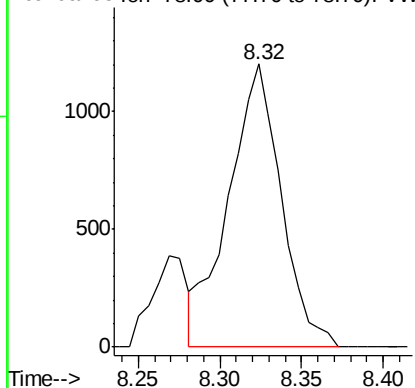
ClientSampleId :

BE808

Tgt Ion: 78 Resp: 2692



Abundance Ion 78.00 (77.70 to 78.70): VW



#53

Ethylbenzene

Concen: 0.365 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007316.D

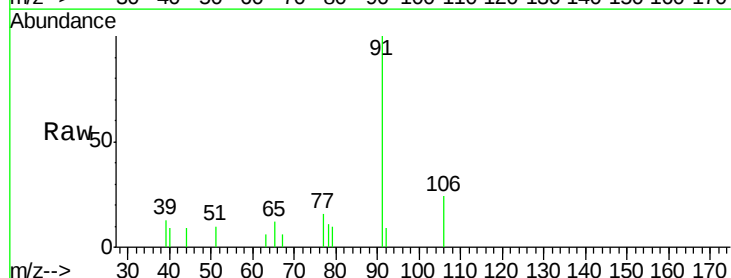
Acq: 07 Dec 2018 19:15

Tgt Ion: 91 Resp: 1558

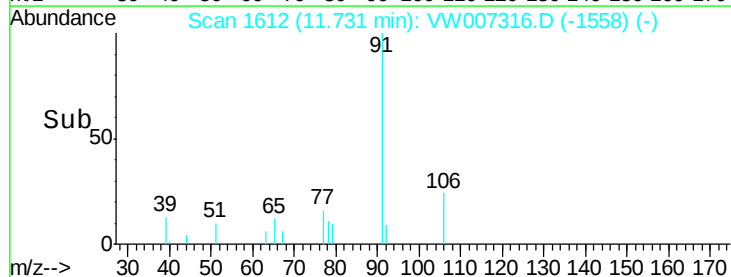
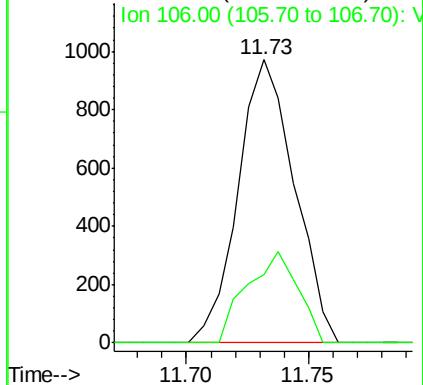
Ion Ratio Lower Upper

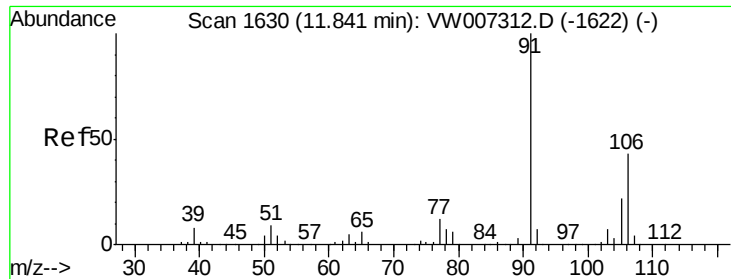
91 100

106 24.3 20.2 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW





#54
 m,p-Xylene
 Concen: 0.394 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VW007316.D
 Acq: 07 Dec 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 BE808

Tgt Ion:106 Resp: 639
 Ion Ratio Lower Upper
 106 100
 91 126.6 132.2 245.6#

