

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014659.D
 Acq On : 15 Jan 2020 18:49
 Operator : SY/VA
 Sample : L1118-03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASJ6

Quant Time: Jan 16 01:22:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1056990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	955066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	445626	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	305892	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	2.89	69	239882	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
10) 1,1-Dichloroethene-d2	4.02	63	433940	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.07	46	212141	59.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.66%
24) Chloroform-d	7.65	84	544181	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.30	65	303759	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.27	84	1181091	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	365415	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
37) Toluene-d8	10.32	98	1069771	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.57	79	150716	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.60%
39) 2-Hexanone-d5	10.92	63	168046	64.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	324638	28.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	372641	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds

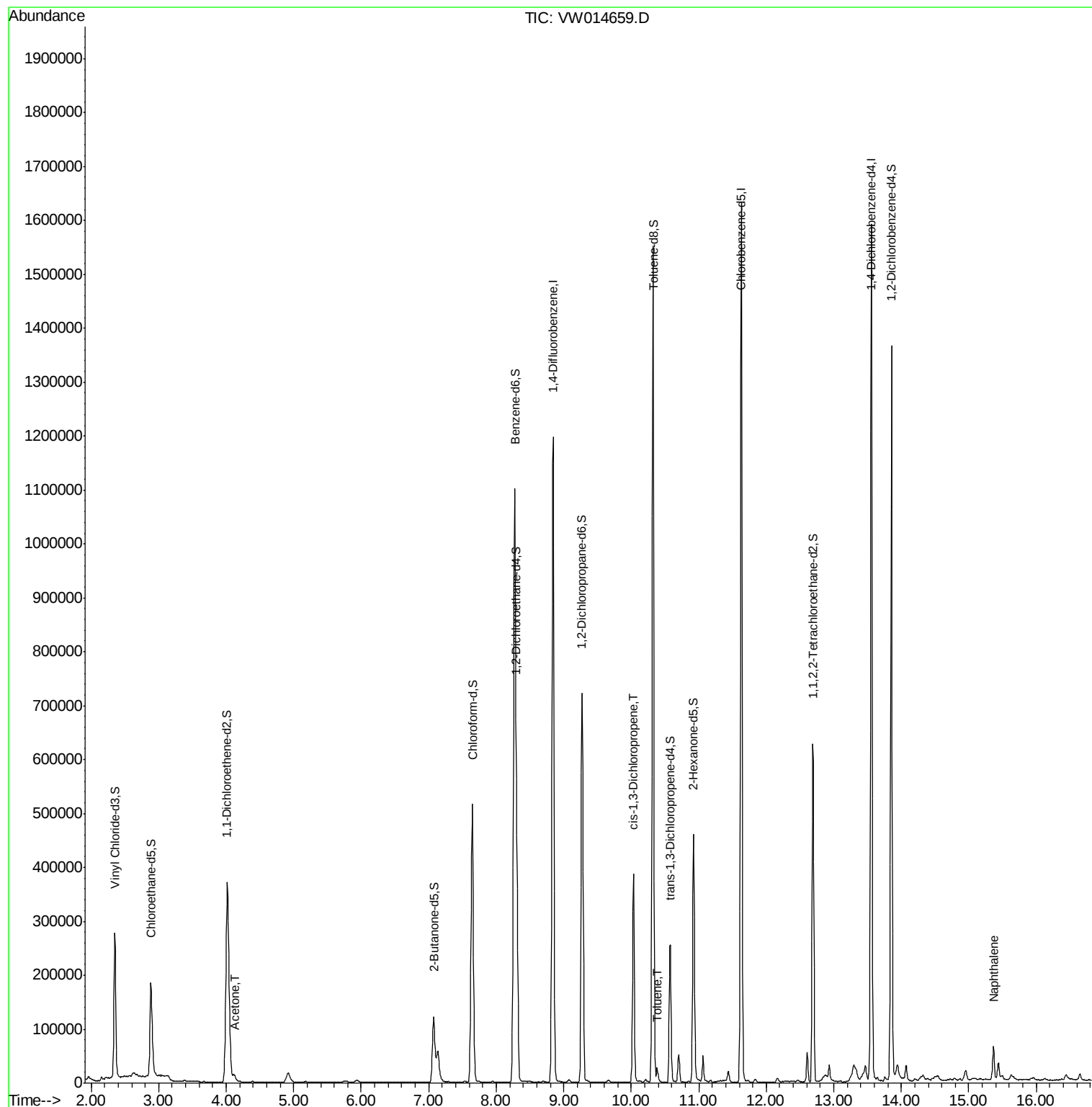
					Ovalue
13) Acetone	4.12	43	21926	4.466 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	8067	0.371 ug/L #	54
44) Toluene	10.38	91	19068	0.317 ug/L	96
69) Naphthalene	15.36	128	53982	1.996 ug/L	98

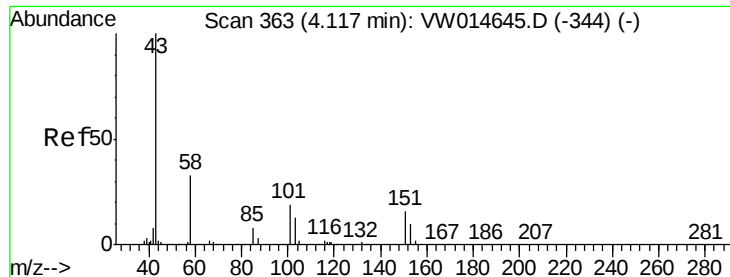
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.466 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 15 Jan 2020 18:49

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MSVOA_W

ClientSampleId :

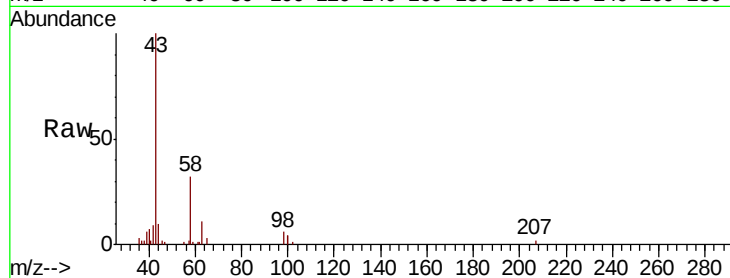
GASJ6

Tot Ion: 43 Resp: 21926

Ion Ratio Lower Upper

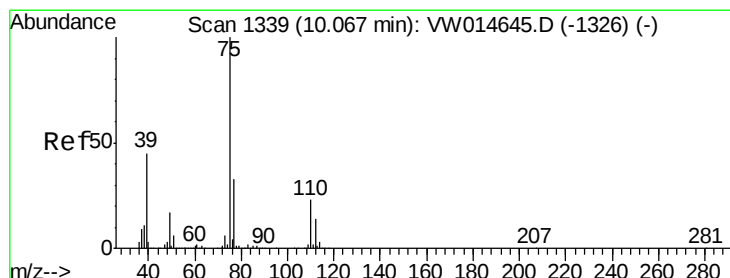
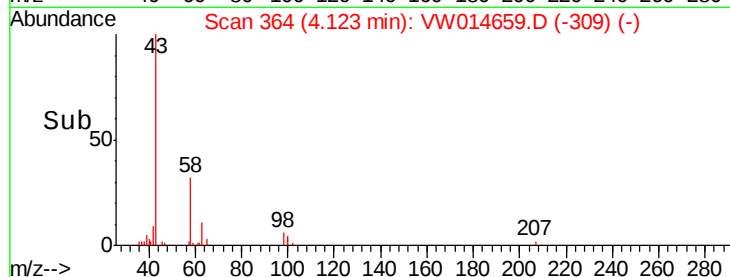
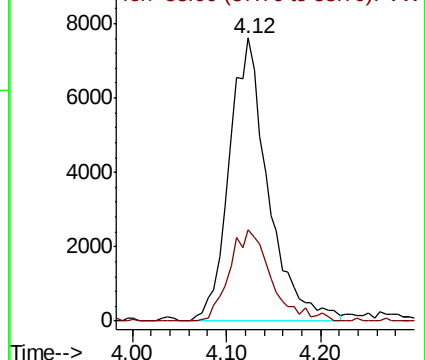
43 100

58 33.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.371 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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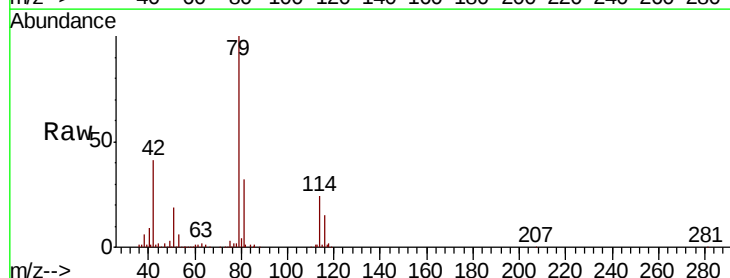
Acq: 15 Jan 2020 18:49

Tgt Ion: 75 Resp: 8067

Ion Ratio Lower Upper

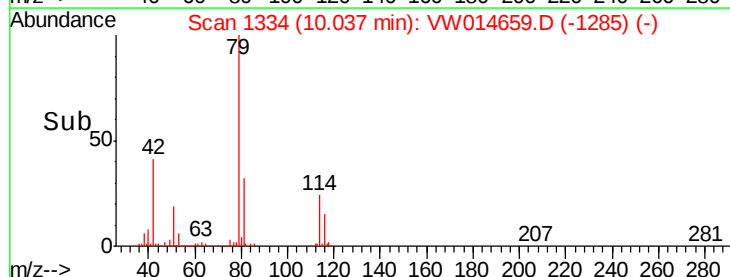
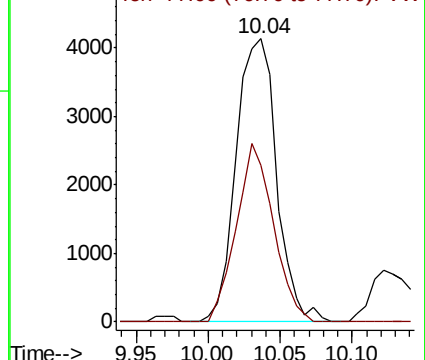
75 100

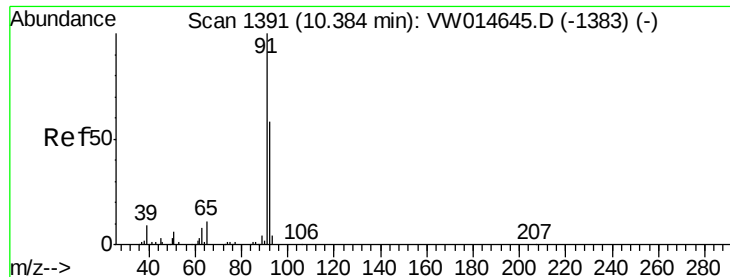
77 55.1 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.317 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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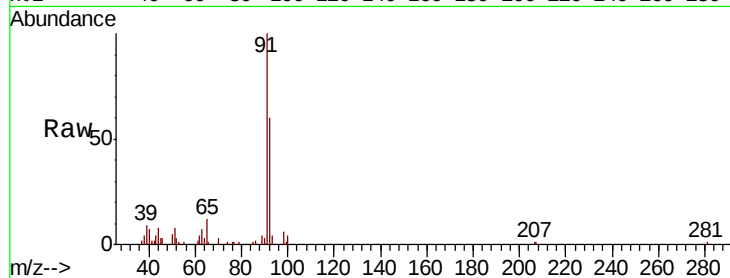
GASJ6

Tot Ion: 91 Resp: 19068

Ion Ratio Lower Upper

91 100

92 60.4 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

12000

10000

8000

6000

4000

2000

0

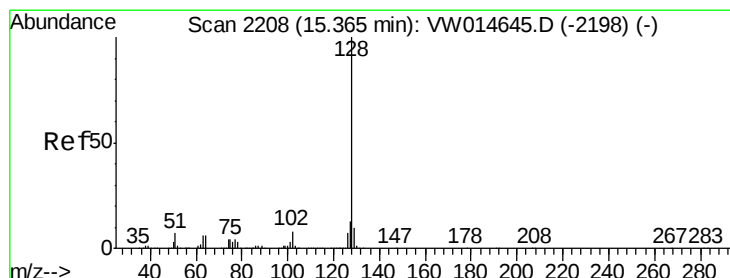
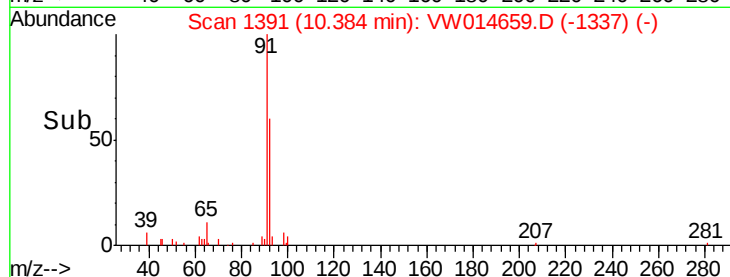
10.30

10.35

10.40

10.45

Time-->



#69

Naphthalene

Concen: 1.996 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

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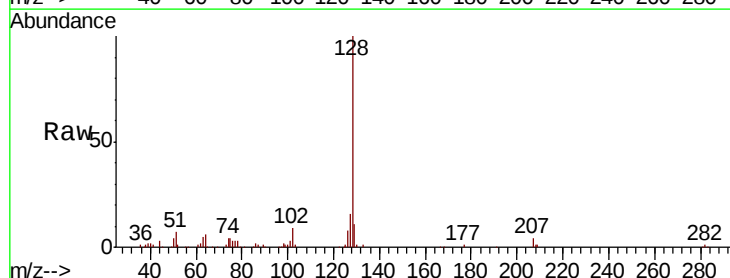
Tgt Ion: 128 Resp: 53982

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 14.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

40000

30000

20000

10000

0

15.30

15.40

Time-->

