

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013559.D
 Acq On : 14 Oct 2019 13:38
 Operator : SY/VA
 Sample : K5262-18RE
 Misc : 3.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 15:32:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 15:29:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	165367	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	116502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	31340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34712	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
7) Chloroethane-d5	2.89	69	34851	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	4.01	63	58093	14.79	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.16%
20) 2-Butanone-d5	7.07	46	24034	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
24) Chloroform-d	7.65	84	88703	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	48114	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	8.27	84	175490	28.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.48%
33) 1,2-Dichloropropane-d6	9.27	67	58134	31.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.60%#
37) Toluene-d8	10.32	98	137224	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.58	79	17641	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.92	63	18335	49.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41462	27.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	26442	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

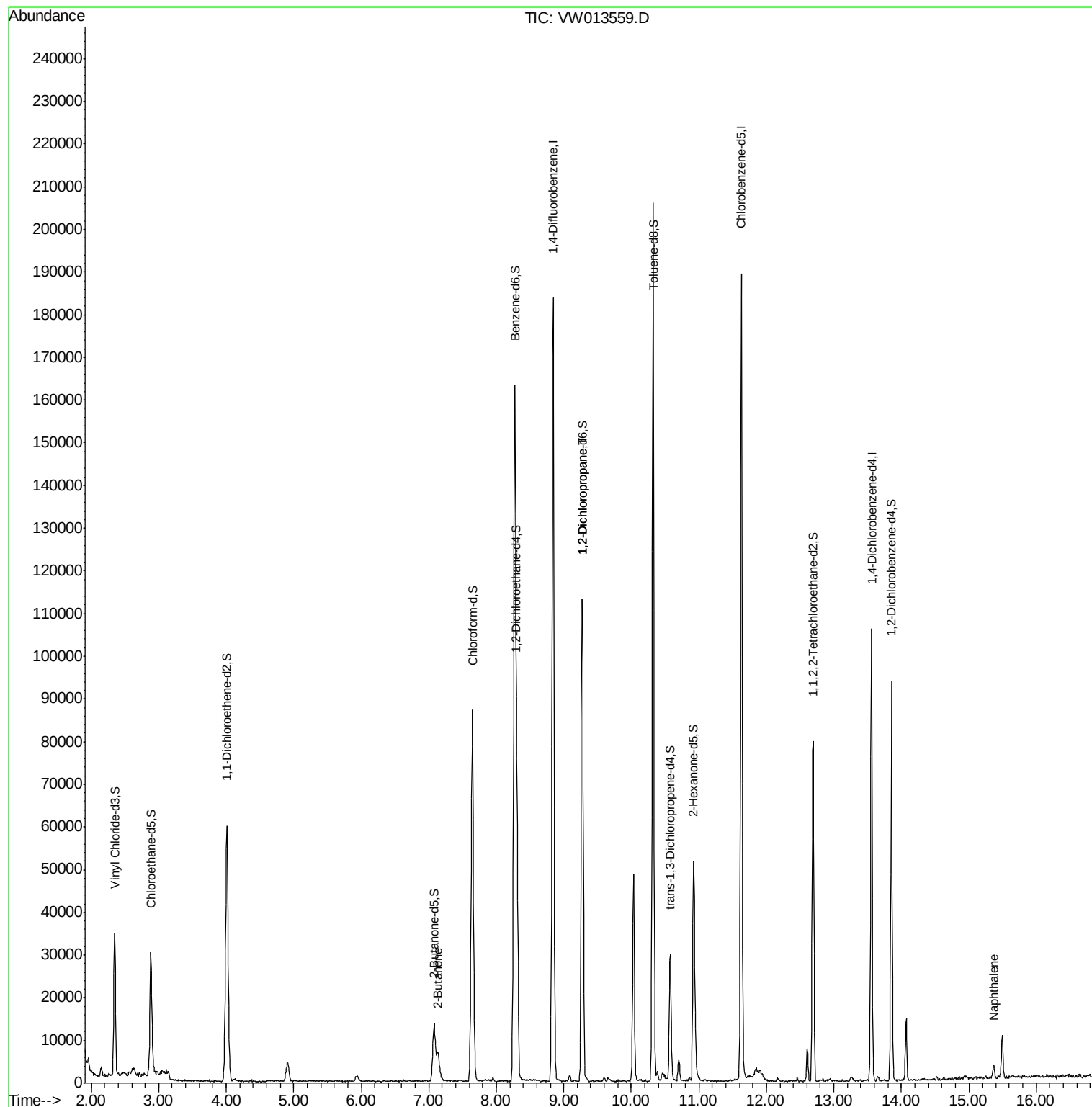
Target Compounds					Ovalue
21) 2-Butanone	7.14	43	6892	8.598 ug/L #	48
40) 1,2-Dichloropropane	9.27	63	6098	3.597 ug/L #	85
69) Naphthalene	15.36	128	2948	1.232 ug/L #	94

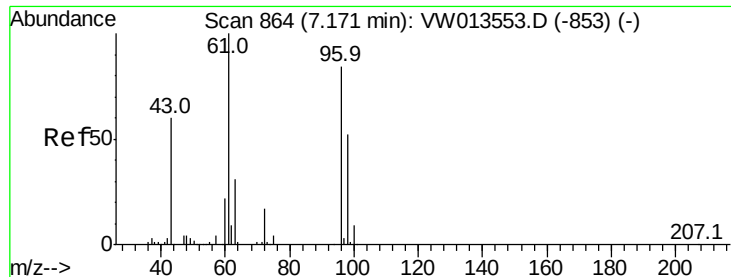
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 8.598 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

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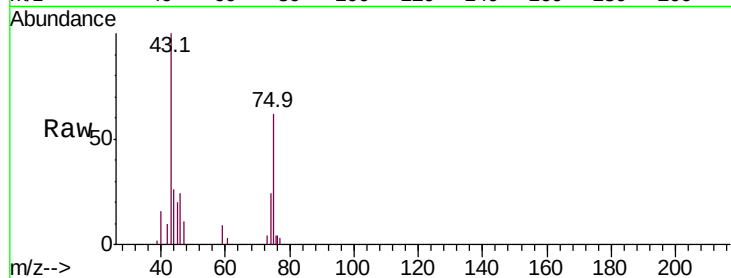
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 6892

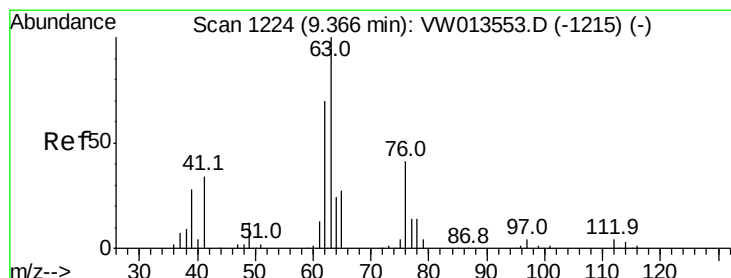
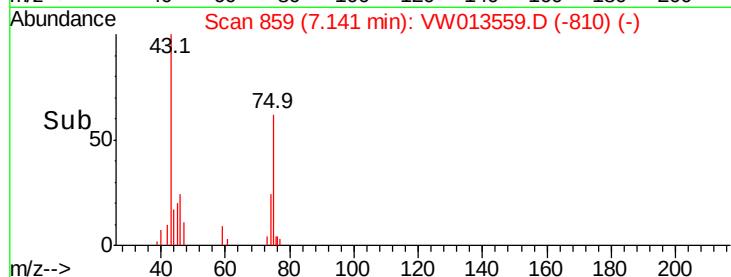
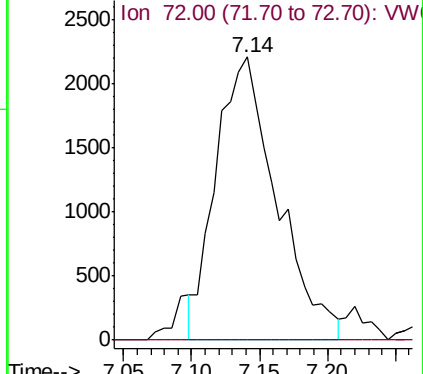
Ion Ratio Lower Upper

43 100

72 0.0 13.5 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW



#40

1,2-Dichloropropane

Concen: 3.597 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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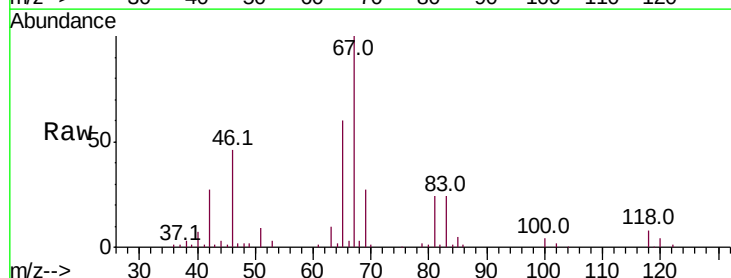
Acq: 14 Oct 2019 13:38

Tgt Ion: 63 Resp: 6098

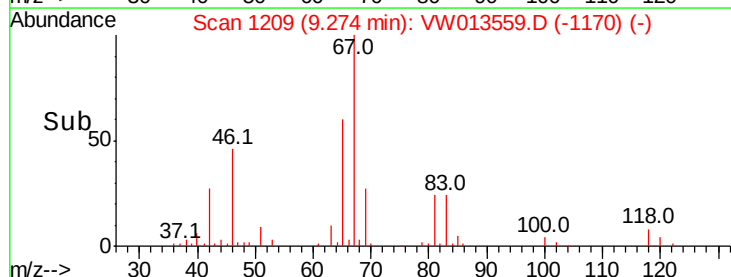
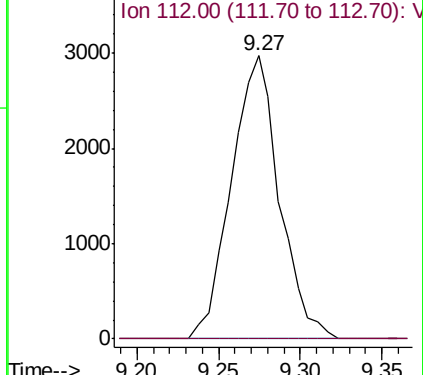
Ion Ratio Lower Upper

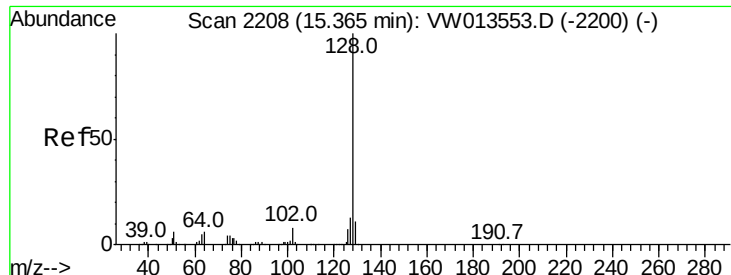
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW





#69

Naphthalene

Concen: 1.232 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

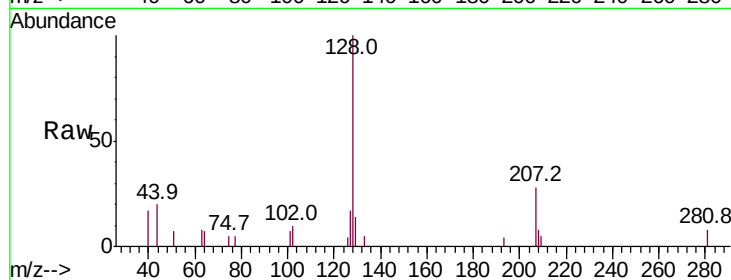
Tot Ion:128 Resp: 2948

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 17.0 10.4 15.6#



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

