

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011720\
 Data File : VW014682.D
 Acq On : 17 Jan 2020 13:08
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 17 14:32:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 14:29:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1107067	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	974860	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	475290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	274474	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	223316	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.01	63	408485	14.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.24%
20) 2-Butanone-d5	7.07	46	176422	47.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.02%
24) Chloroform-d	7.65	84	523737	20.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.24%
26) 1,2-Dichloroethane-d4	8.40	65	300	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1142945	22.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.20%
33) 1,2-Dichloropropane-d6	9.27	67	349918	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.32	98	1027089	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	10.57	79	136460	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.92	63	139428	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	281627	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	364590	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

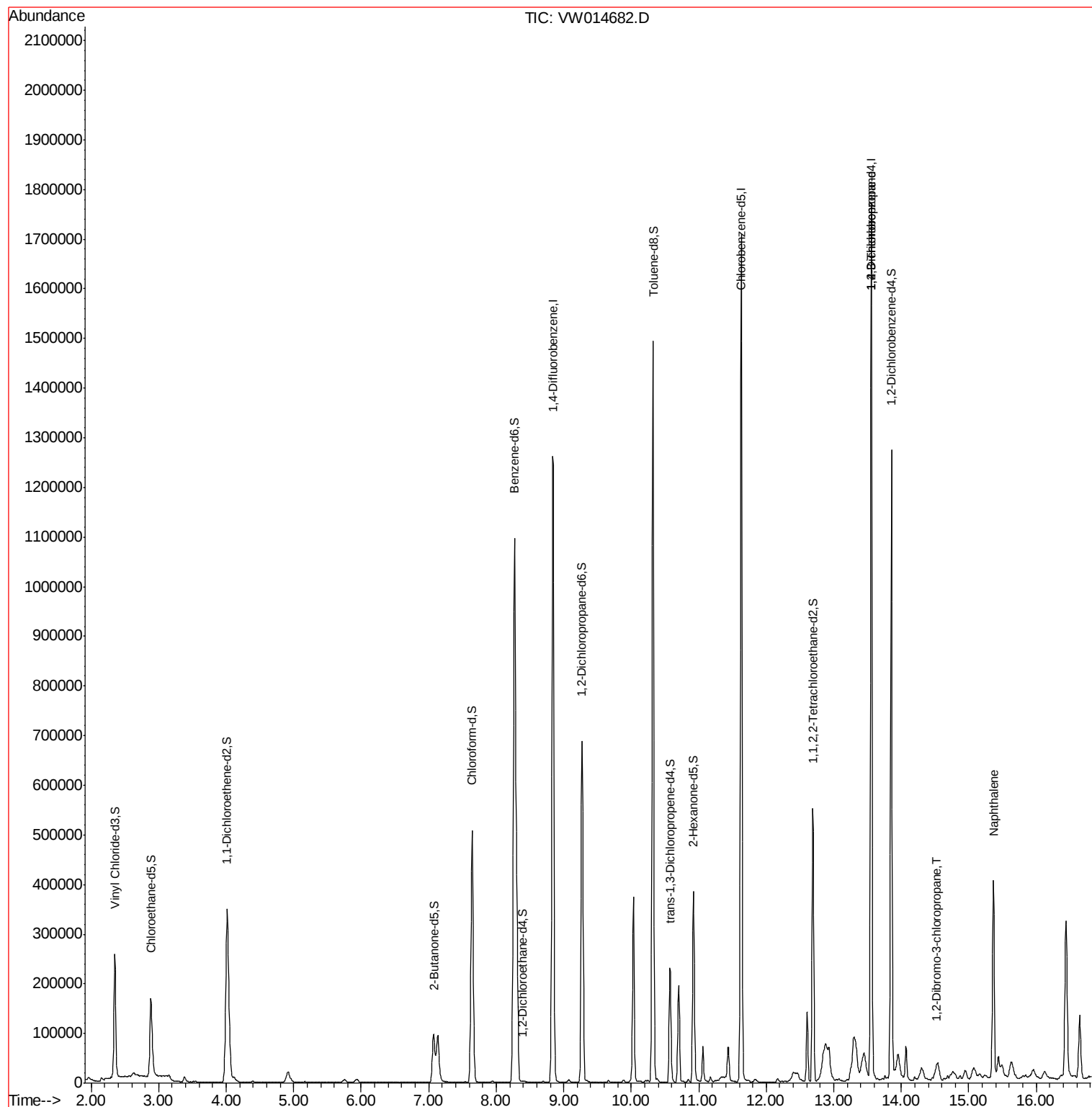
Target Compounds						Qvalue
59) 1,2,3-Trichloropropane	13.55	75	53862	5.63	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.51	75	2859	1.43	ug/L	# 8
69) Naphthalene	15.36	128	352090	12.21	ug/L	100

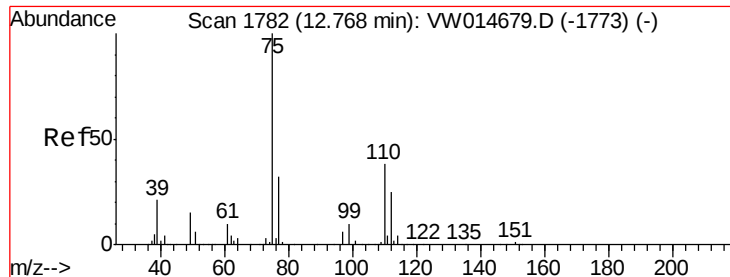
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

1,2,3-Trichloropropane

Concen: 5.63 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014682.D

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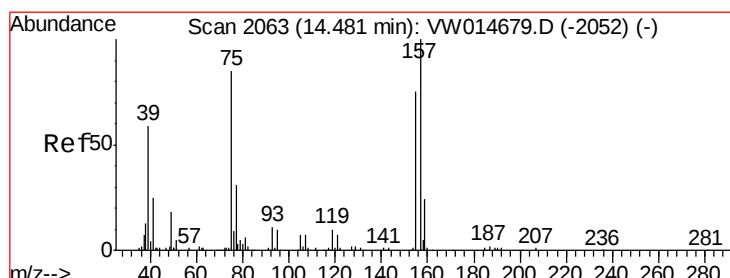
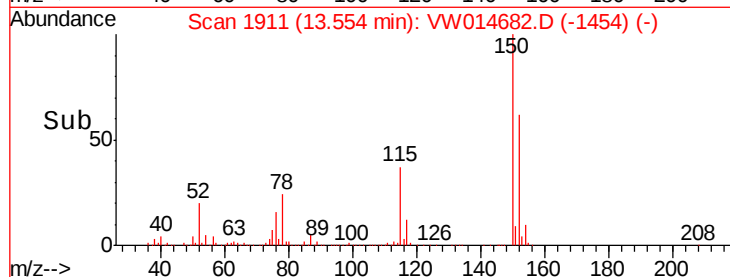
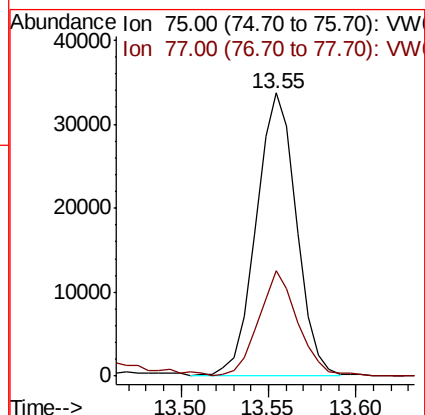
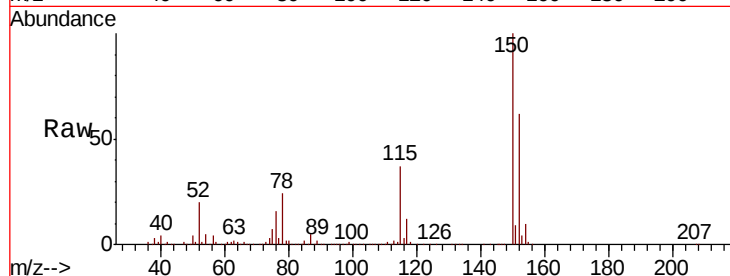
VIBLK

Tgt Ion: 75 Resp: 53862

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2



#66

1,2-Dibromo-3-chloropropane

Concen: 1.43 ug/L

RT: 14.51 min Scan# 2068

Delta R.T. 0.03 min

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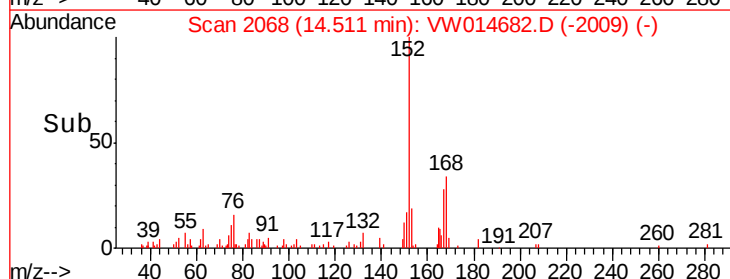
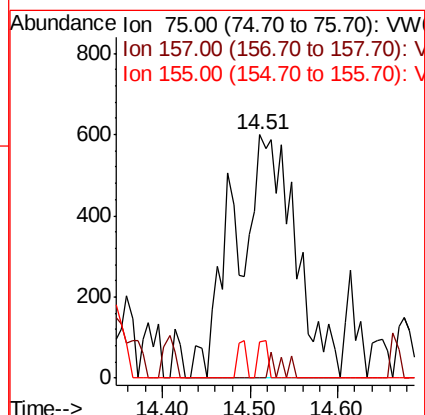
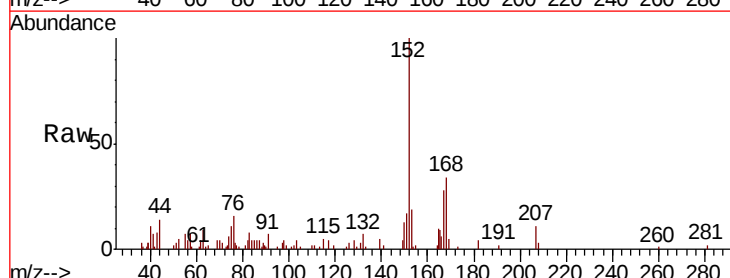
Tgt Ion: 75 Resp: 2859

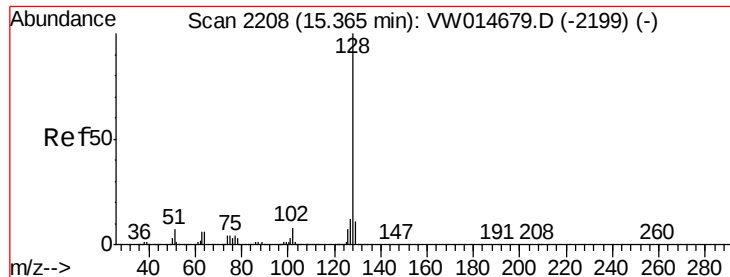
Ion Ratio Lower Upper

75 100

157 0.0 87.2 130.8#

155 15.0 67.8 101.8#





#69

Naphthalene

Concen: 12.21 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

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VIBLK

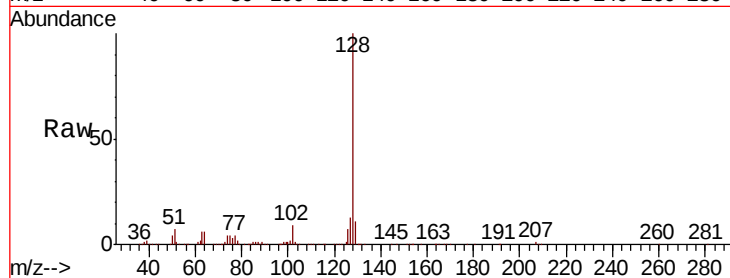
Tgt Ion:128 Resp: 352090

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.3 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

