

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013558.D
 Acq On : 14 Oct 2019 13:12
 Operator : SY/VA
 Sample : K5262-17RE
 Misc : 3.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 15:32:24 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	243708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	151060	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	29907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	52004	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	2.89	69	51028	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.01	63	85685	14.80	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	7.07	46	31759	37.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.60%
24) Chloroform-d	7.65	84	134322	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	8.30	65	65997	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.27	84	265258	32.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.12%
33) 1,2-Dichloropropane-d6	9.27	67	85594	35.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.60%#
37) Toluene-d8	10.32	98	202573	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.48%
38) trans-1,3-Dichloropropene-	10.58	79	20830	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	10.93	63	22494	46.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53397	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	27994	26.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.20%

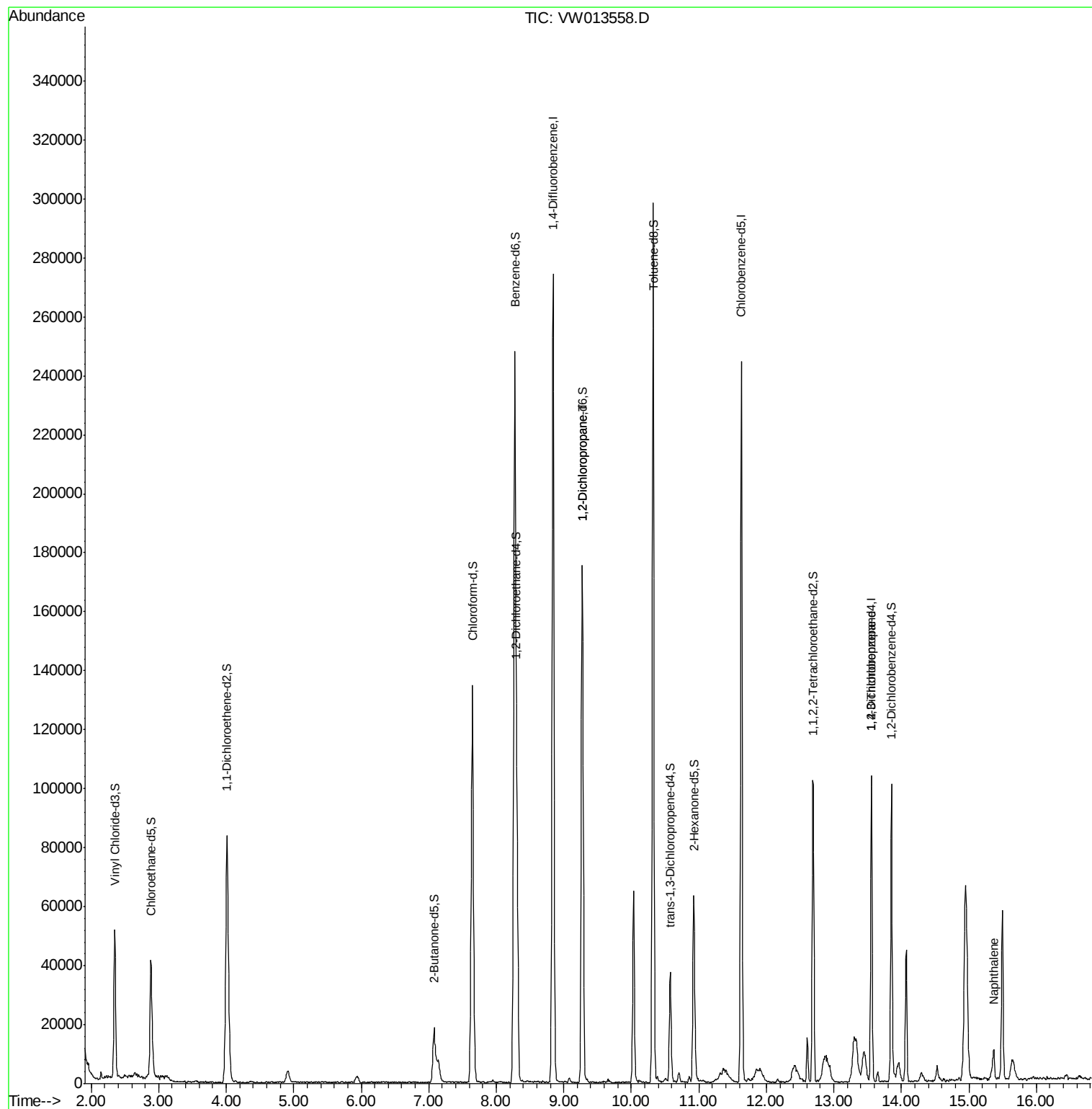
Target Compounds					Ovalue
40) 1,2-Dichloropropane	9.27	63	8917	4.056 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	3429	2.329 ug/L	98
69) Naphthalene	15.37	128	8589	3.761 ug/L	96

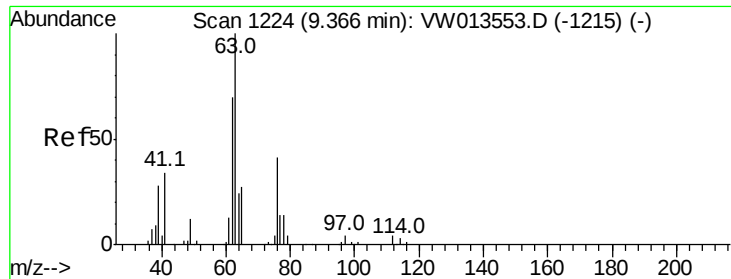
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 4.056 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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Instrument :

MSVOA_W

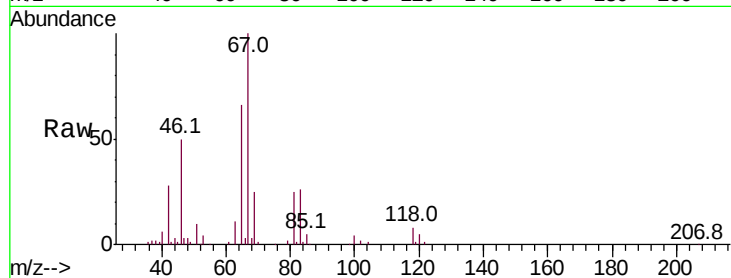
ClientSampleId :

Tot Ion: 63 Resp: 8917

Ion Ratio Lower Upper

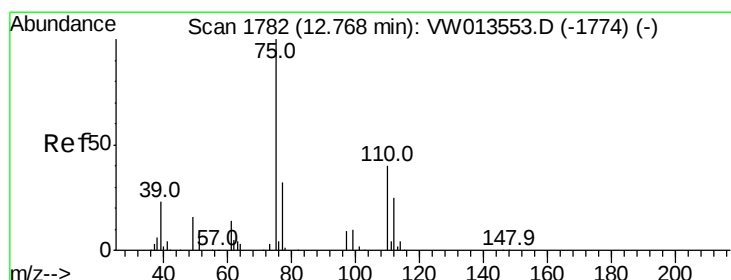
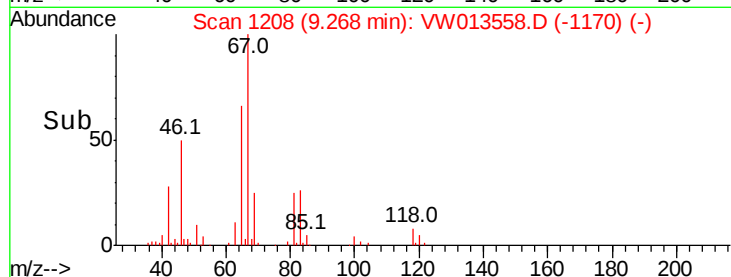
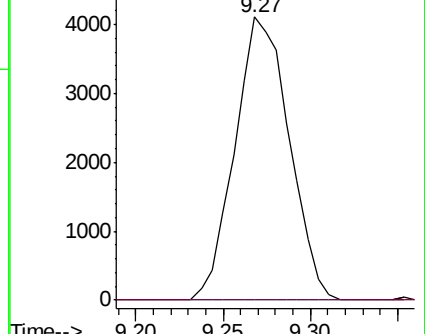
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.329 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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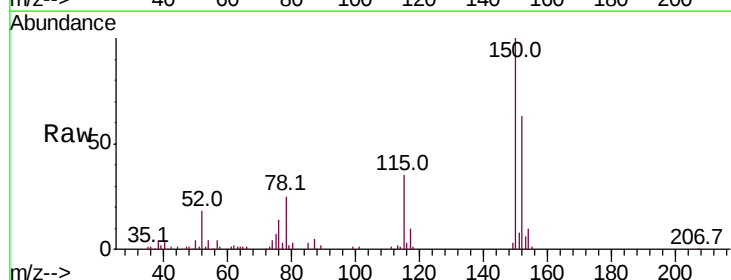
Acq: 14 Oct 2019 13:12

Tgt Ion: 75 Resp: 3429

Ion Ratio Lower Upper

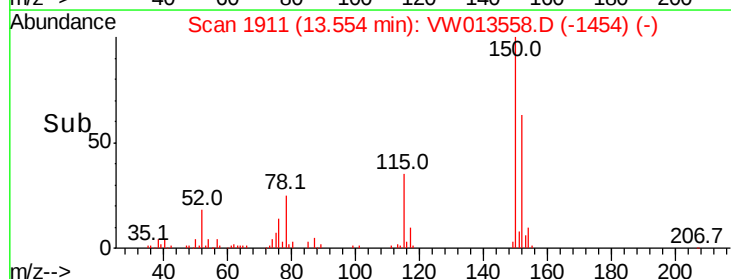
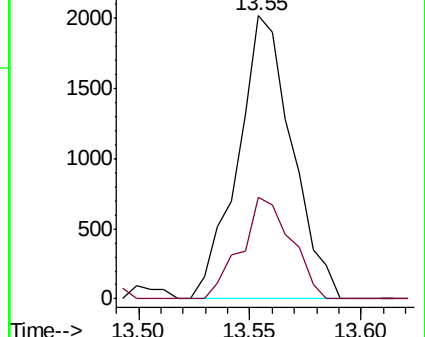
75 100

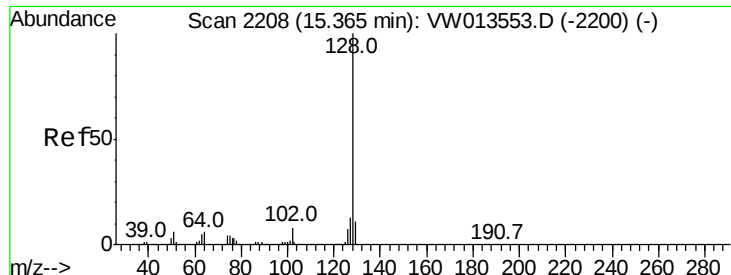
77 33.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#69

Naphthalene

Concen: 3.761 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

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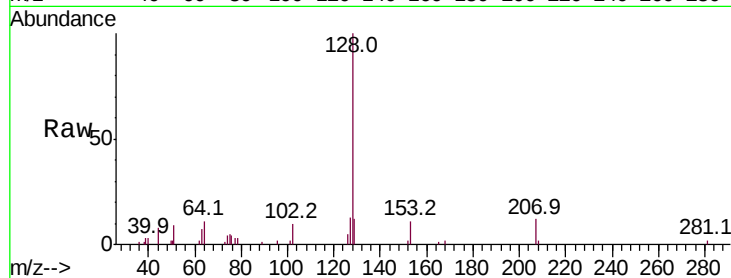
Tot Ion:128 Resp: 8589

Ion Ratio Lower Upper

128 100

129 9.7 8.5 12.7

127 15.3 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

