

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010254.D
 Acq On : 01 May 2019 20:36
 Operator : SY/VA
 Sample : K2604-11
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ85

Quant Time: May 02 03:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 03:31:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	464335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	60252	11.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.76%
7) Chloroethane-d5	2.89	69	56648	13.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.48%
10) 1,1-Dichloroethene-d2	4.01	63	107933	9.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.84%#
20) 2-Butanone-d5	7.08	46	112738	58.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.06%
24) Chloroform-d	7.65	84	226146	18.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.16%
26) 1,2-Dichloroethane-d4	8.31	65	137207	19.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.40%
29) Benzene-d6	8.27	84	360546	18.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.88%
33) 1,2-Dichloropropane-d6	9.27	67	139578	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	288124	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.04%
38) trans-1,3-Dichloropropene-	10.58	79	48451	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.04%
39) 2-Hexanone-d5	10.93	63	68465	52.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122634	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	121213	19.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.04%

Target Compounds

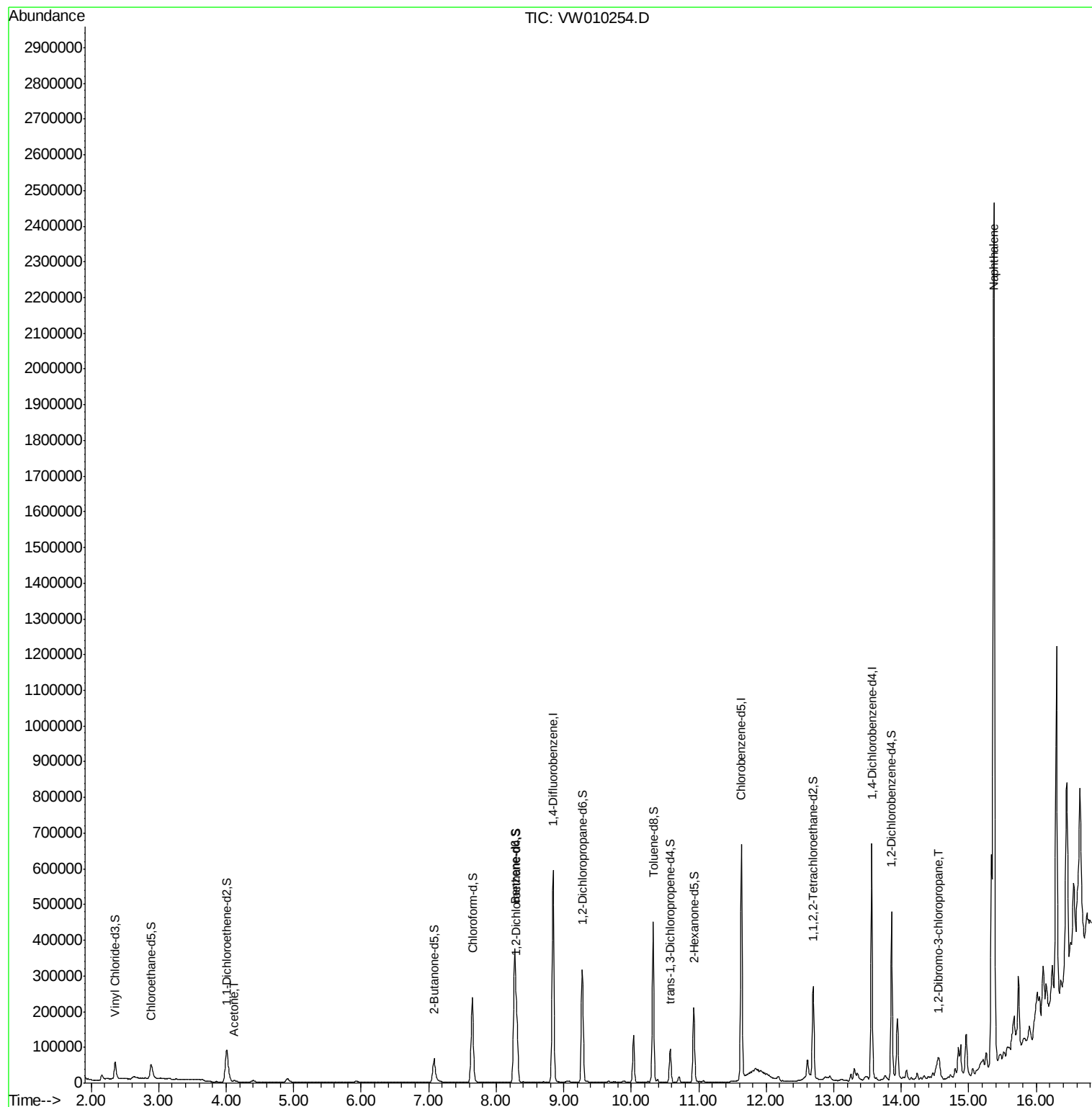
					Ovalue
13) Acetone	4.11	43	3403	2.216 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.54	75	6112	7.836 ug/L #	1
69) Naphthalene	15.37	128	2007037	157.723 ug/L	100

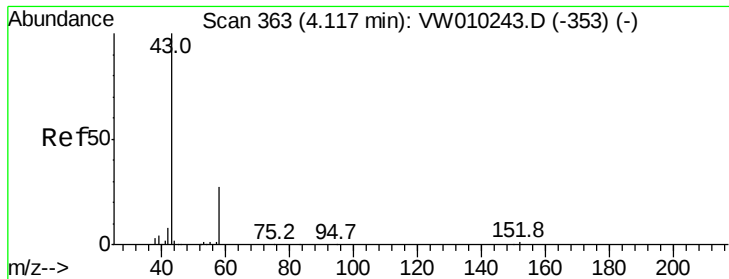
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.216 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW010254.D

Acq: 01 May 2019 20:36

Instrument :

MSVOA_W

ClientSampled :

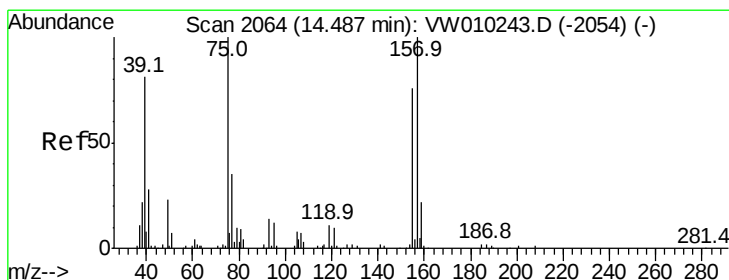
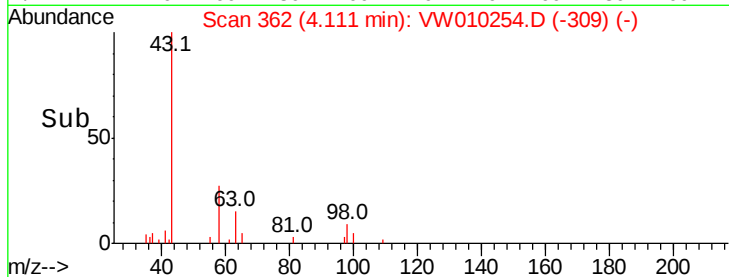
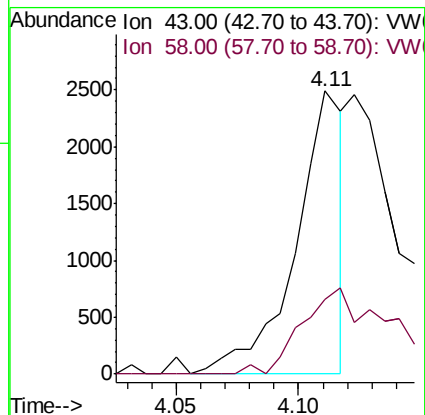
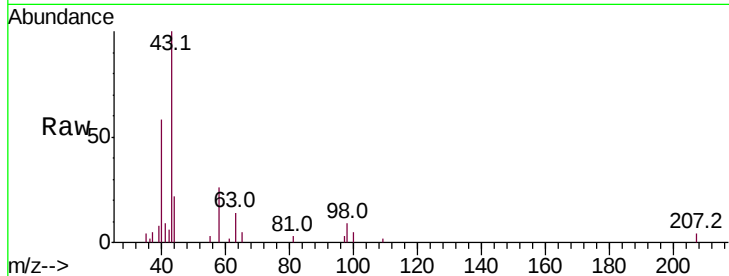
GAJ85

Tot Ion: 43 Resp: 3403

Ion Ratio Lower Upper

43 100

58 31.5 0.0 59.8



#66

1,2-Dibromo-3-chloropropane

Concen: 7.836 ug/L

RT: 14.54 min Scan# 2073

Delta R.T. 0.05 min

Lab File: VW010254.D

Acq: 01 May 2019 20:36

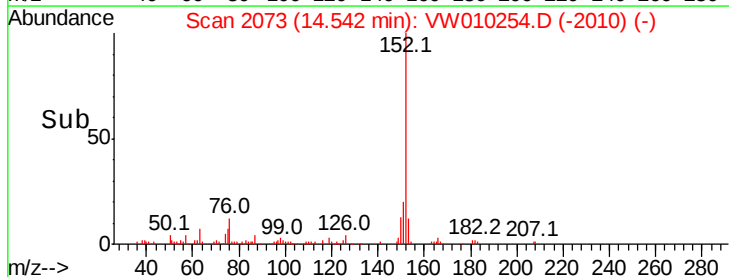
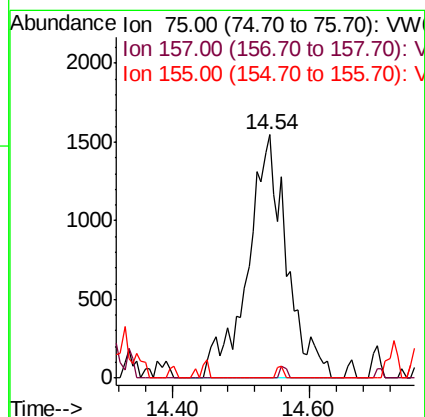
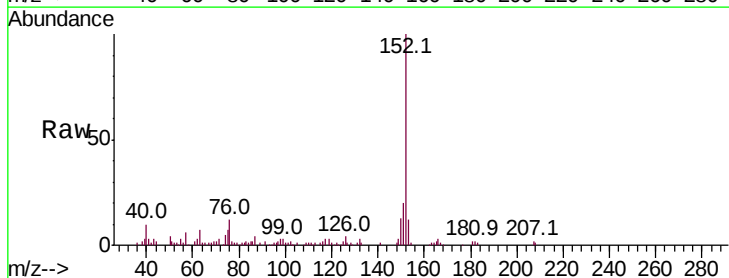
Tgt Ion: 75 Resp: 6112

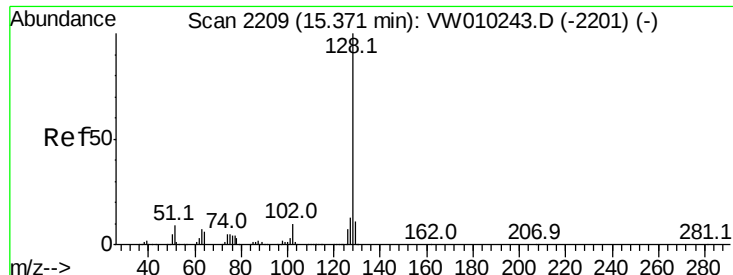
Ion Ratio Lower Upper

75 100

157 0.0 85.7 128.5#

155 0.0 70.8 106.2#





#69

Naphthalene

Concen: 157.723 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010254.D

Acq: 01 May 2019 20:36

Instrument :

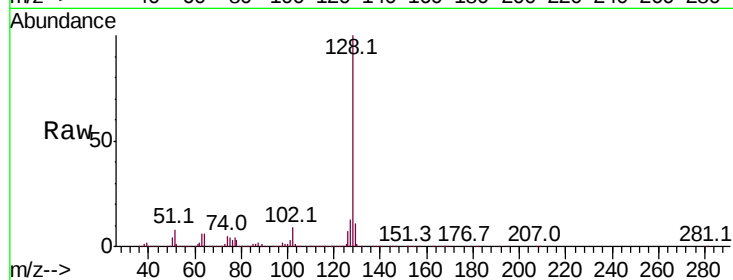
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Tot Ion:128 Resp: 2007037

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.3	10.6	15.8



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

