

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010252.D
 Acq On : 01 May 2019 18:43
 Operator : SY/VA
 Sample : K2604-08
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ82

Quant Time: May 02 03:46:05 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	486529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	560630	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239302	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98257	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
7) Chloroethane-d5	2.90	69	87705	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
10) 1,1-Dichloroethene-d2	4.02	63	147915	12.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.20%
20) 2-Butanone-d5	7.08	46	101204	49.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.44%
24) Chloroform-d	7.65	84	266796	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	164462	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	8.27	84	463820	15.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.44%
33) 1,2-Dichloropropane-d6	9.27	67	156796	16.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.52%#
37) Toluene-d8	10.32	98	417155	15.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.80%
38) trans-1,3-Dichloropropene-	10.58	79	70457	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.84%
39) 2-Hexanone-d5	10.93	63	112316	56.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185389	23.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	199827	22.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.92%

Target Compounds

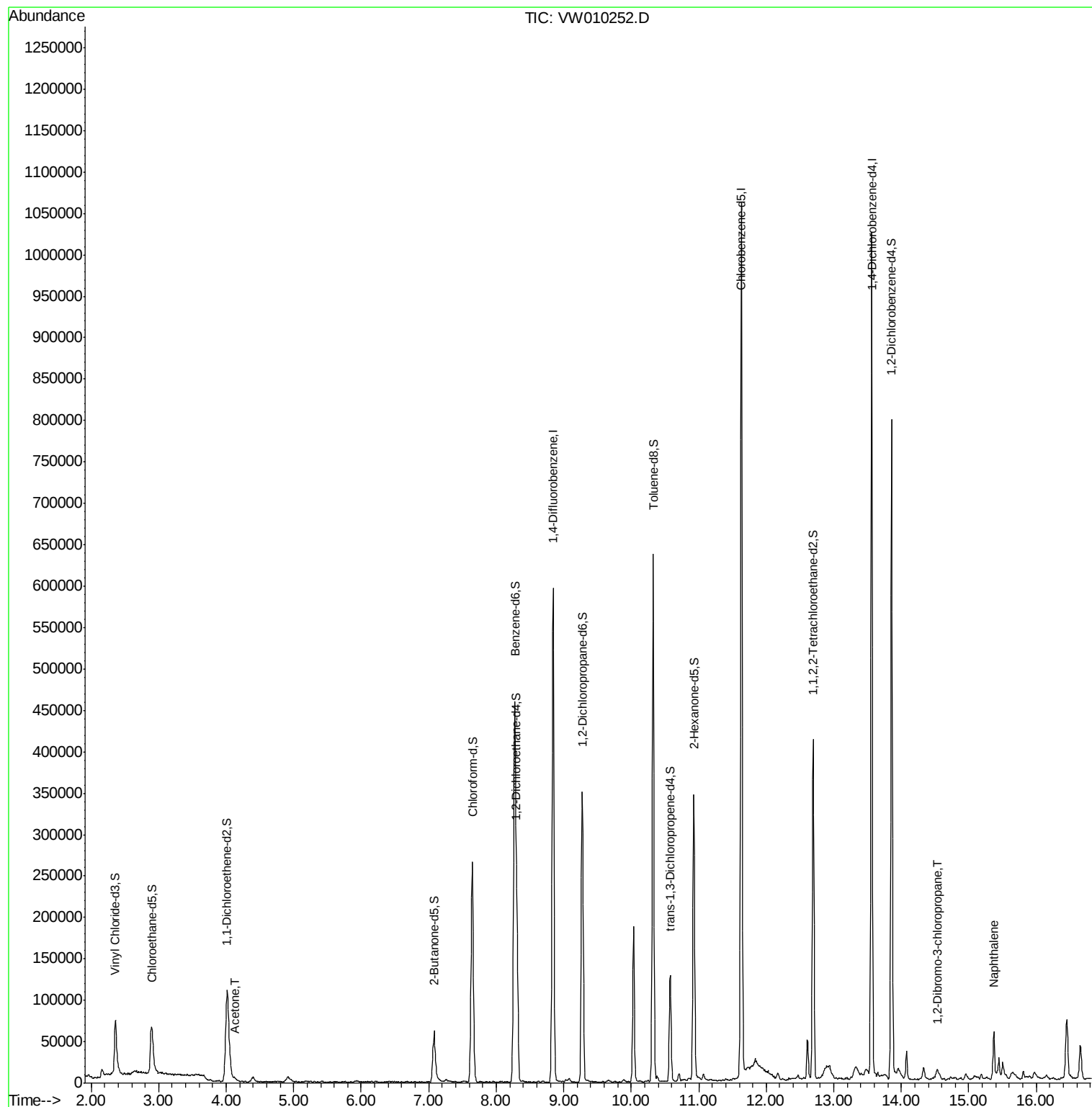
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	5397	3.355	ug/L	78
66) 1,2-Dibromo-3-chloropropan	14.53	75	1322	1.170	ug/L #	1
69) Naphthalene	15.37	128	45769	2.482	ug/L	99

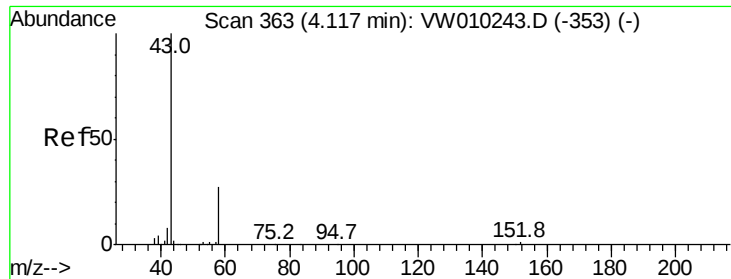
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.355 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010252.D

Acq: 01 May 2019 18:43

Instrument :

MSVOA_W

ClientSampled :

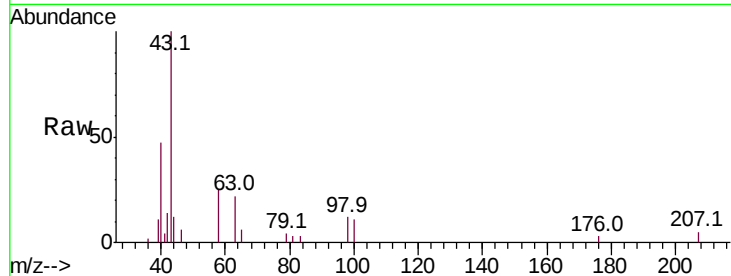
GAJ82

Tot Ion: 43 Resp: 5397

Ion Ratio Lower Upper

43 100

58 18.0 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

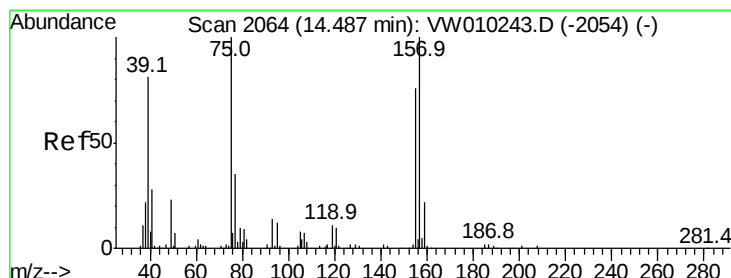
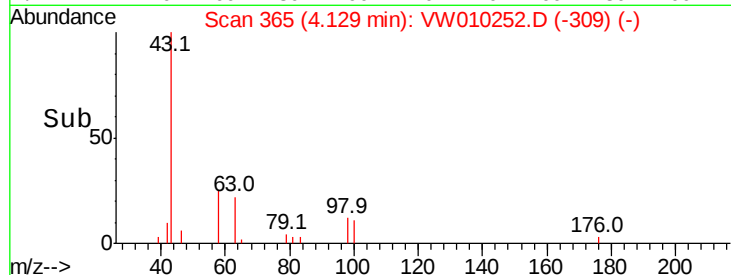
1500

1000

500

0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 1.170 ug/L

RT: 14.53 min Scan# 2071

Delta R.T. 0.04 min

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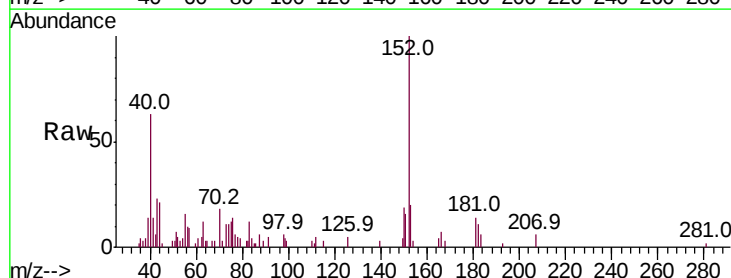
Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

157 0.0 85.7 128.5#

155 0.0 70.8 106.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

400

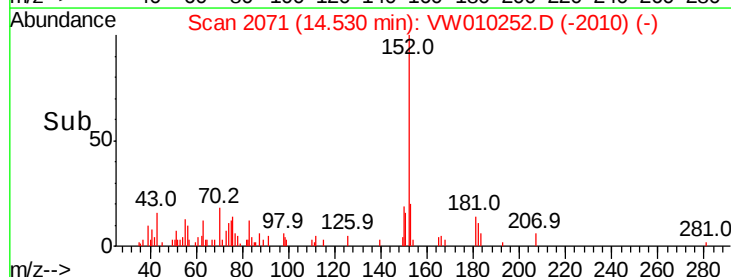
300

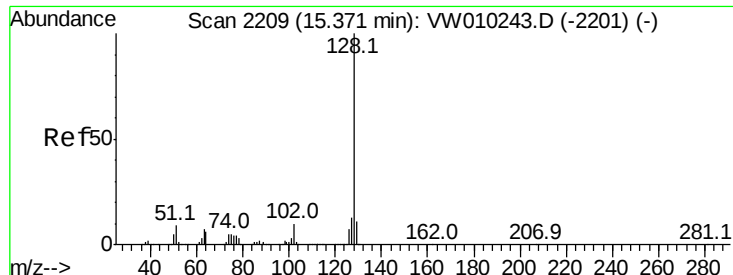
200

100

0

Time-->





#69

Naphthalene

Concen: 2.482 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

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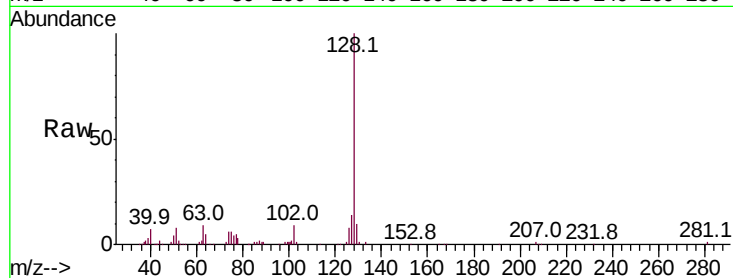
Tot Ion:128 Resp: 45769

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 14.2 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

