

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010251.D
 Acq On : 01 May 2019 17:46
 Operator : SY/VA
 Sample : K2604-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ79

Quant Time: May 02 03:46:01 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	611774	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236942	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101659	14.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.56%
7) Chloroethane-d5	2.90	69	89053	15.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.60%
10) 1,1-Dichloroethene-d2	4.01	63	150807	9.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.08%#
20) 2-Butanone-d5	7.07	46	93246	36.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.86%
24) Chloroform-d	7.64	84	283275	17.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.48%
26) 1,2-Dichloroethane-d4	8.31	65	205274	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.16%
29) Benzene-d6	8.27	84	610201	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.27	67	208975	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.00%
37) Toluene-d8	10.32	98	483728	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.58	79	83919	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.12%
39) 2-Hexanone-d5	10.93	63	76896	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152076	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	193665	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds

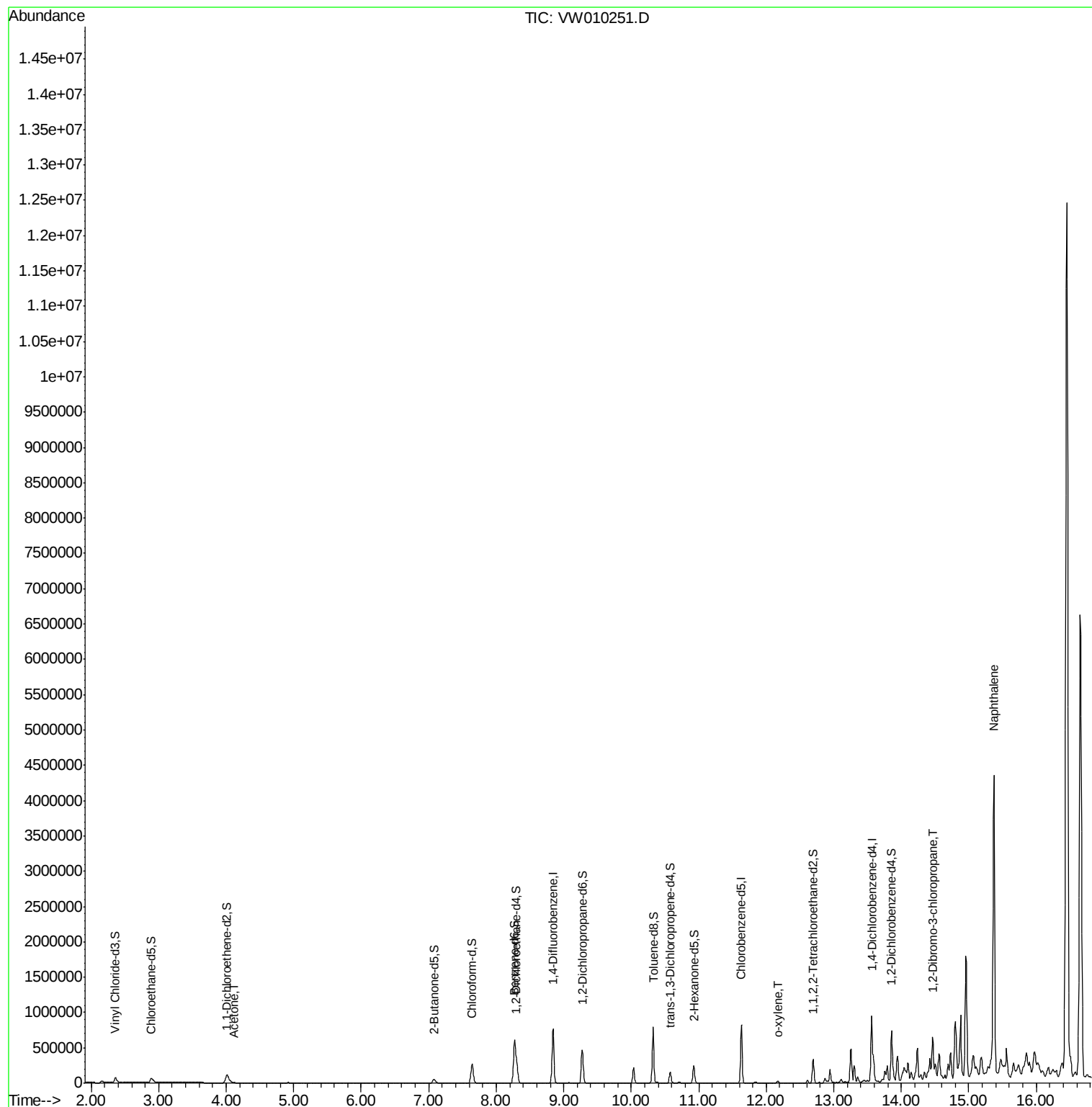
					Ovalue
13) Acetone	4.12	43	5487	2.712	ug/L 79
55) o-xylene	12.16	106	5014	0.450	ug/L 93
66) 1,2-Dibromo-3-chloropropan	14.47	75	9467	8.459	ug/L # 1
69) Naphthalene	15.37	128	3536850	193.720	ug/L 99

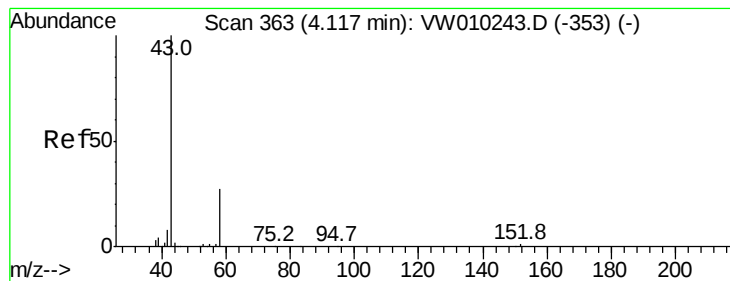
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 02 03:31:19 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.712 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010251.D

Acq: 01 May 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

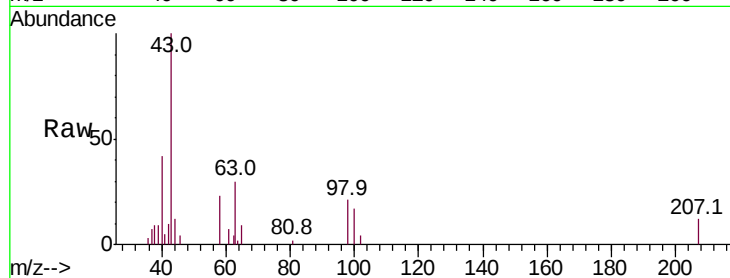
GAJ79

Tot Ion: 43 Resp: 5487

Ion Ratio Lower Upper

43 100

58 18.8 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

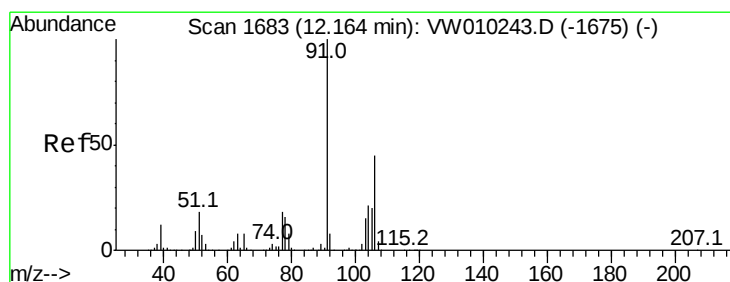
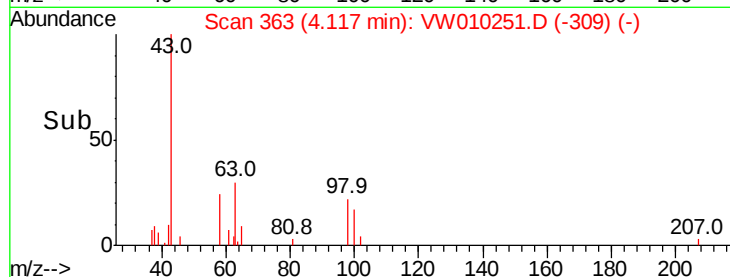
1000

500

0

4.05 4.10 4.15

Time-->



#55

o-xylene

Concen: 0.450 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

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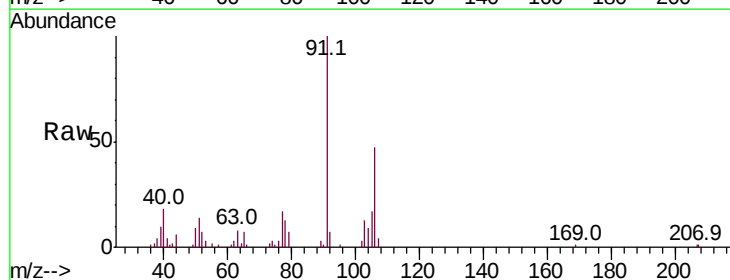
Acq: 01 May 2019 17:46

Tgt Ion: 106 Resp: 5014

Ion Ratio Lower Upper

106 100

91 211.5 156.2 290.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

8000

6000

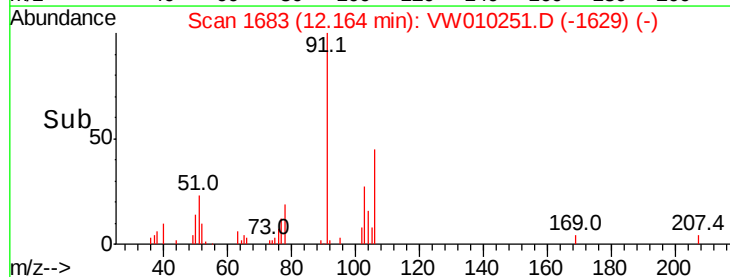
4000

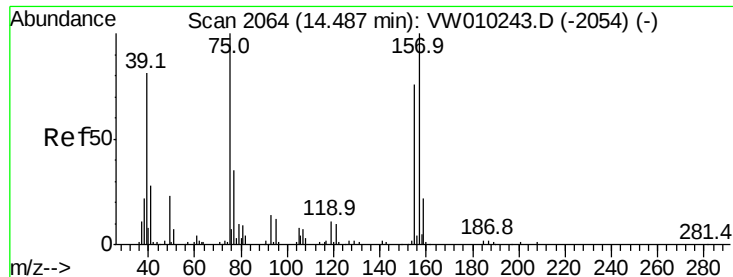
2000

0

12.10 12.15 12.20

Time-->

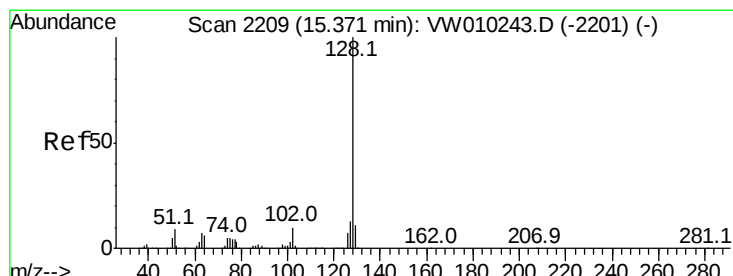
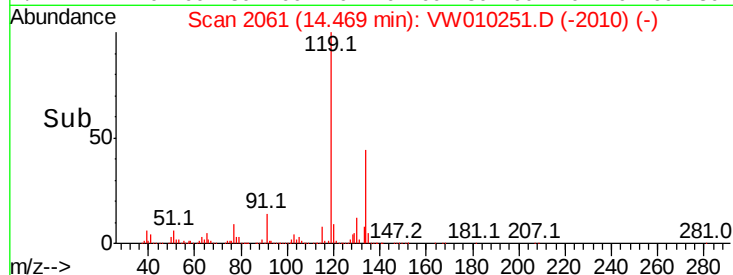
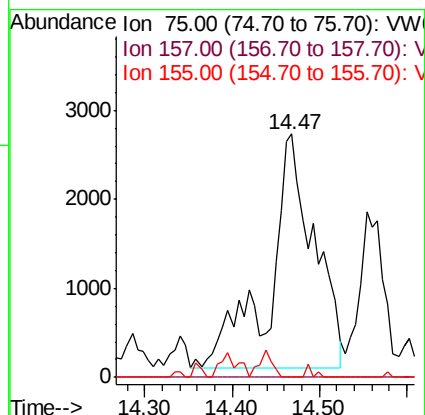
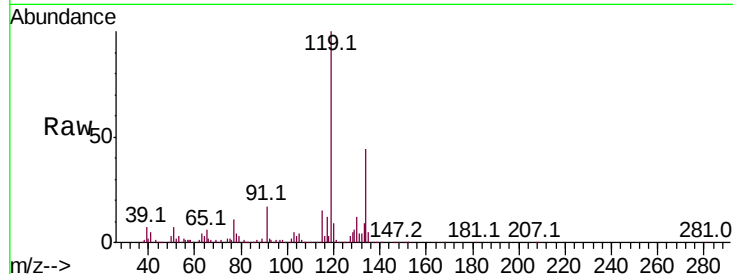




#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.459 ug/L
 RT: 14.47 min Scan# 2061
 Delta R.T. -0.02 min
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Tot Ion: 75 Resp: 9467
 Ion Ratio Lower Upper
 75 100
 157 0.0 85.7 128.5#
 155 0.0 70.8 106.2#



#69
 Naphthalene
 Concen: 193.720 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010251.D
 Acq: 01 May 2019 17:46

Tgt Ion: 128 Resp: 3536850
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.3 10.6 15.8

