

Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

Quant Time: Apr 24 03:55:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862000	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	381293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165800	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	2.89	69	136142	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.00%
10) 1,1-Dichloroethene-d2	4.01	63	355794	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.08	46	169523	38.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.94%
24) Chloroform-d	7.65	84	510895	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	8.38	65	146	0.01	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	990421	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.27	67	311393	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.32	98	885523	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	130803	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	128564	42.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	245971	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	318532	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

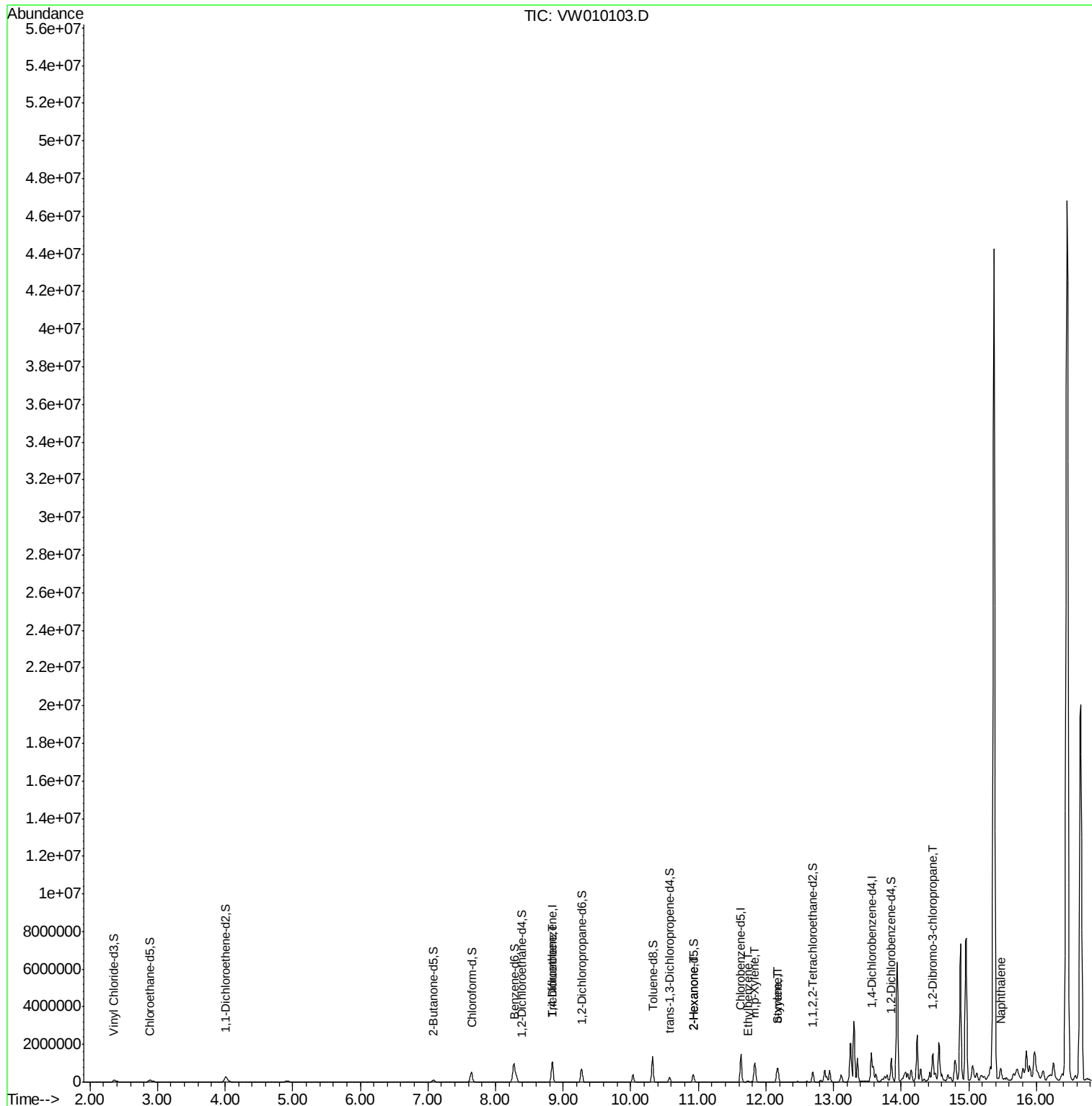
					Qvalue
35) Trichloroethene	8.84	95	27142	2.257 ug/L #	6
49) 2-Hexanone	10.93	43	16956	2.369 ug/L #	69
53) Ethylbenzene	11.73	91	35633	0.650 ug/L	99
54) m,p-Xylene	11.83	106	299605	14.936 ug/L	100
55) o-xylene	12.16	106	140869	7.322 ug/L	99
56) Styrene	12.18	104	194778	5.783 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.47	75	27194	11.888 ug/L #	8
69) Naphthalene	15.48	128	26218	0.884 ug/L #	1

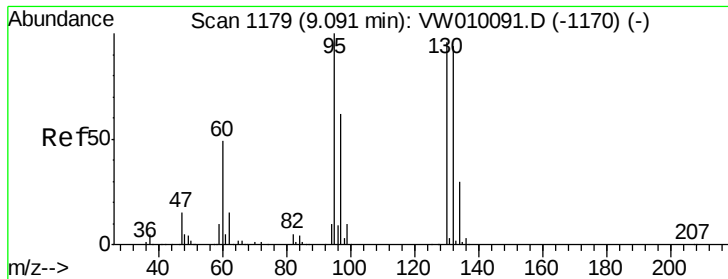
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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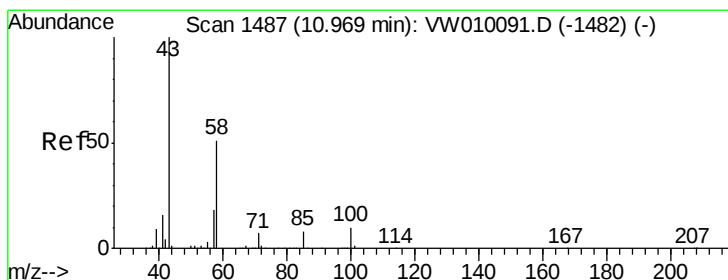
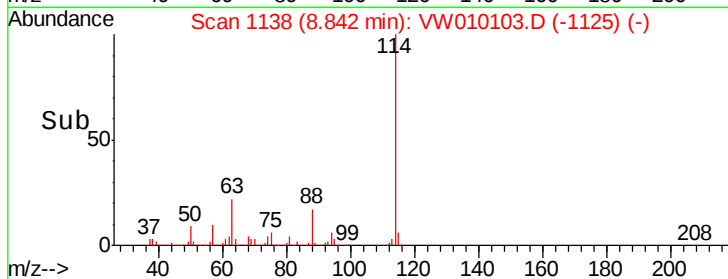
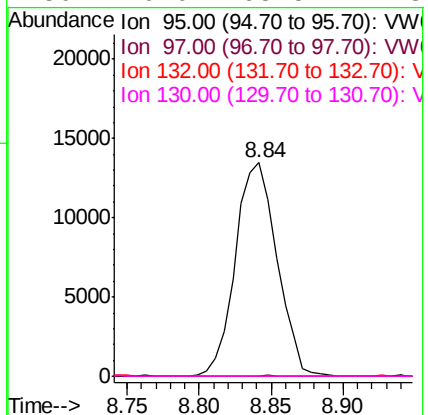
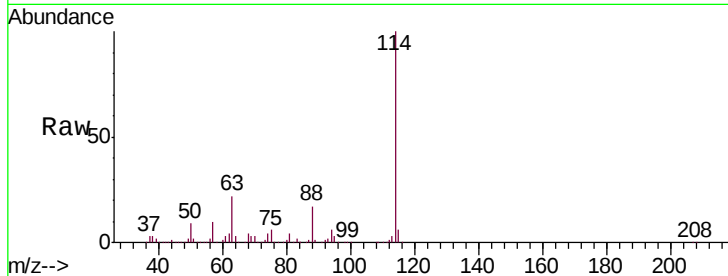




#35
 Trichloroethene
 Concen: 2.257 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW010103.D
 Acq: 23 Apr 2019 18:31

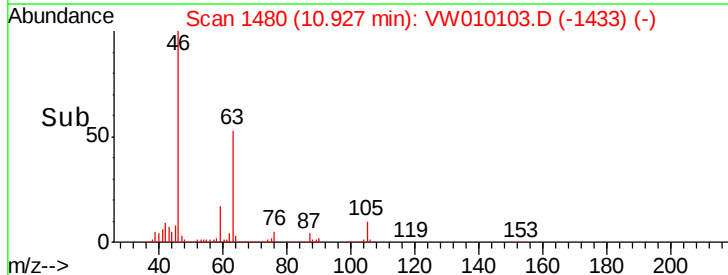
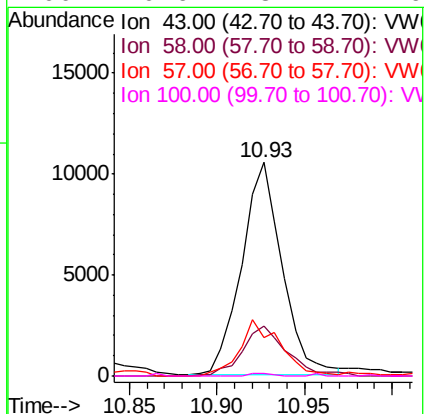
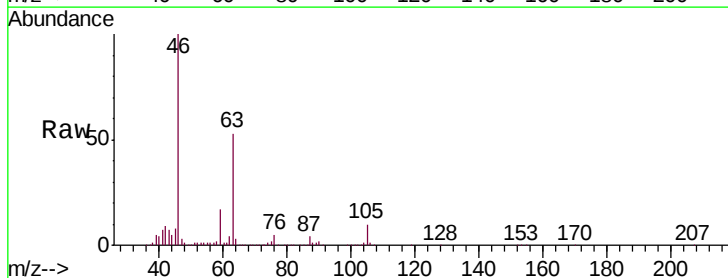
Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX1

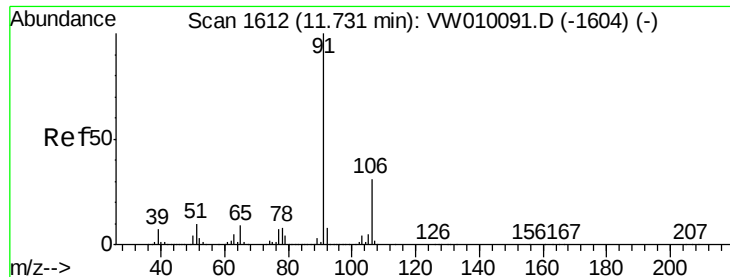
Tgt Ion: 95 Resp: 27142
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.3 84.1#
 132 0.0 65.6 121.8#
 130 0.0 68.5 127.3#



#49
 2-Hexanone
 Concen: 2.369 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW010103.D
 Acq: 23 Apr 2019 18:31

Tgt Ion: 43 Resp: 16956
 Ion Ratio Lower Upper
 43 100
 58 24.7 39.8 59.8#
 57 26.2 14.1 21.1#
 100 0.6 8.4 12.6#





#53

Ethylbenzene

Concen: 0.650 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010103.D

Acq: 23 Apr 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

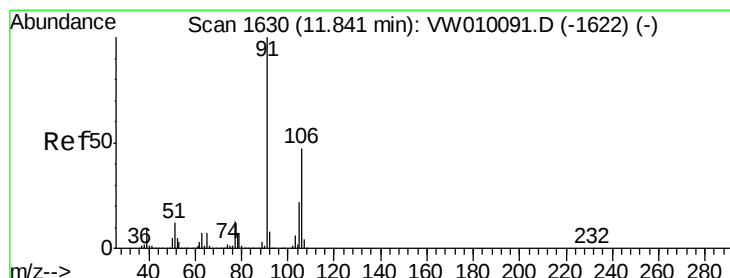
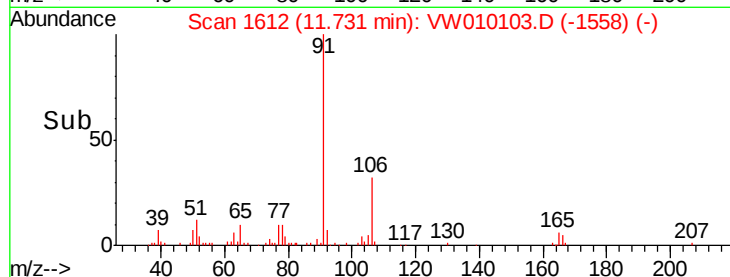
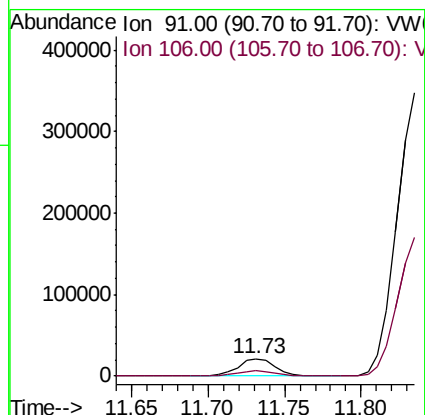
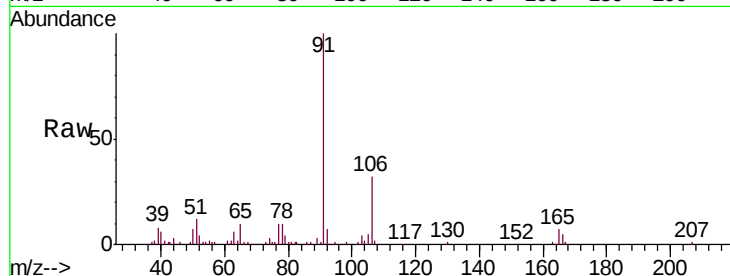
GAHX1

Tgt Ion: 91 Resp: 35633

Ion Ratio Lower Upper

91 100

106 31.8 21.8 40.4



#54

m,p-Xylene

Concen: 14.936 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010103.D

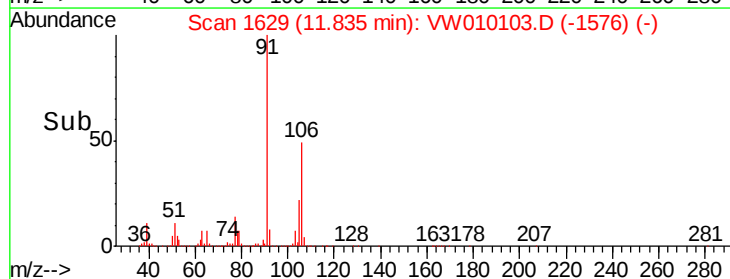
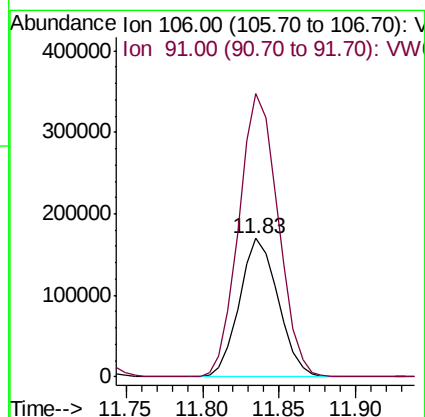
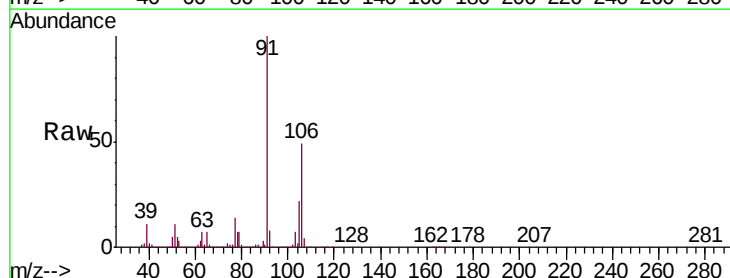
Acq: 23 Apr 2019 18:31

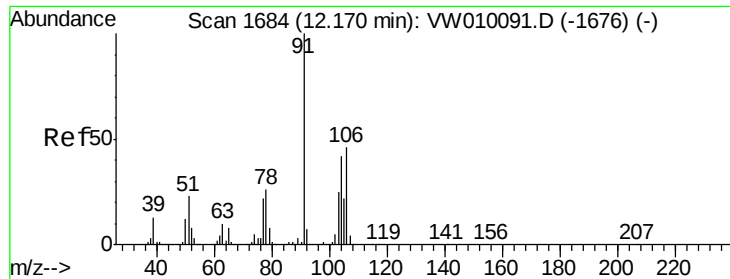
Tgt Ion: 106 Resp: 299605

Ion Ratio Lower Upper

106 100

91 204.6 143.4 266.2





#55

o-xylene

Concen: 7.322 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010103.D

Acq: 23 Apr 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

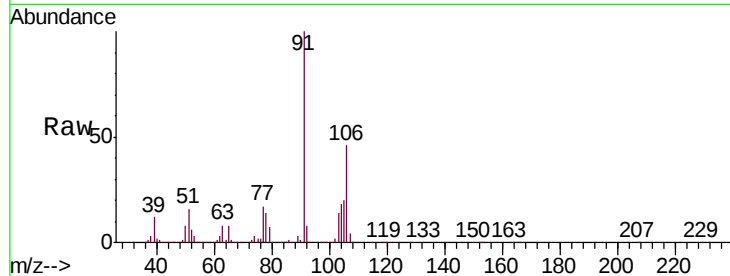
GAHX1

Tgt Ion:106 Resp: 140869

Ion Ratio Lower Upper

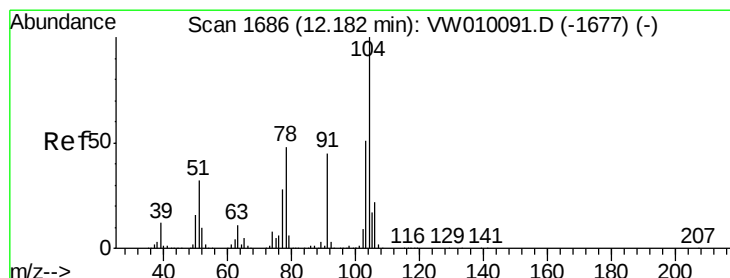
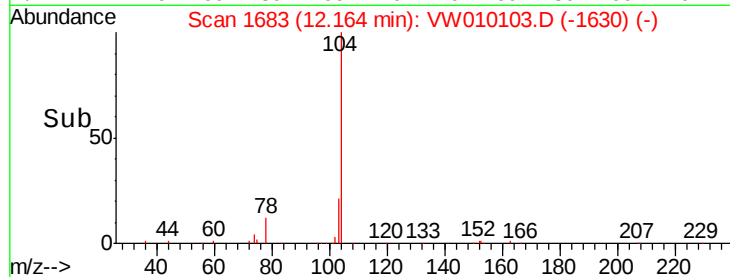
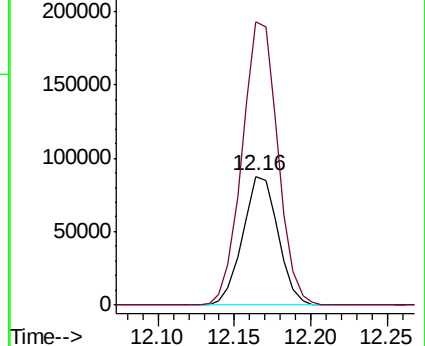
106 100

91 219.7 152.2 282.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 5.783 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW010103.D

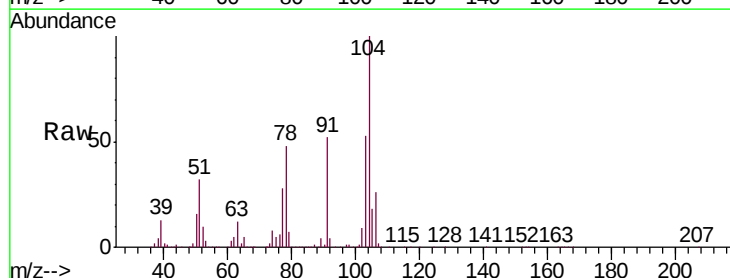
Acq: 23 Apr 2019 18:31

Tgt Ion:104 Resp: 194778

Ion Ratio Lower Upper

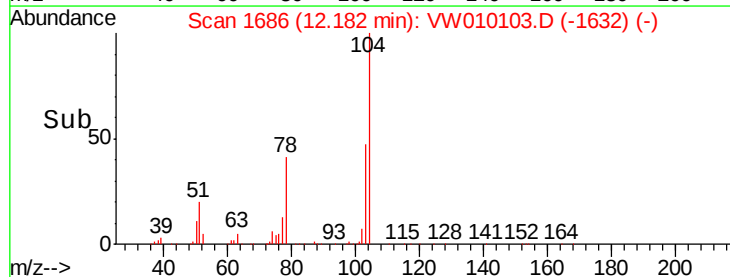
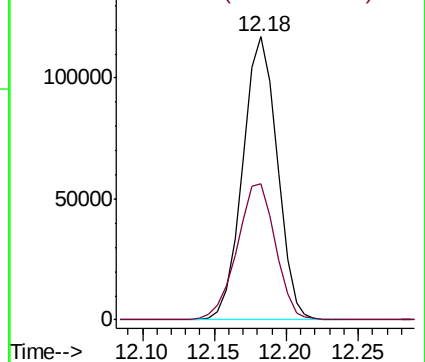
104 100

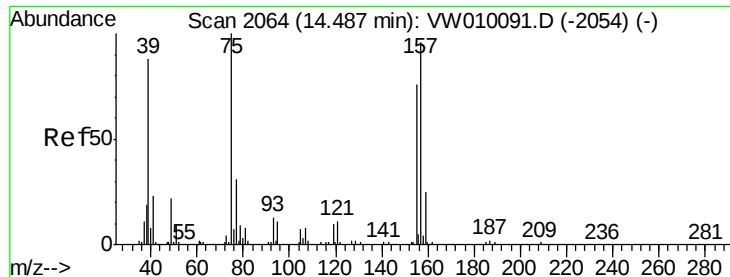
78 48.1 32.7 60.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

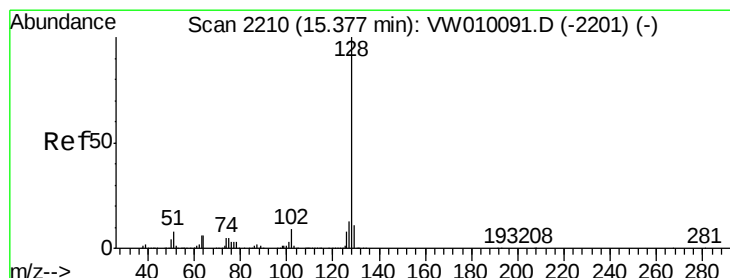
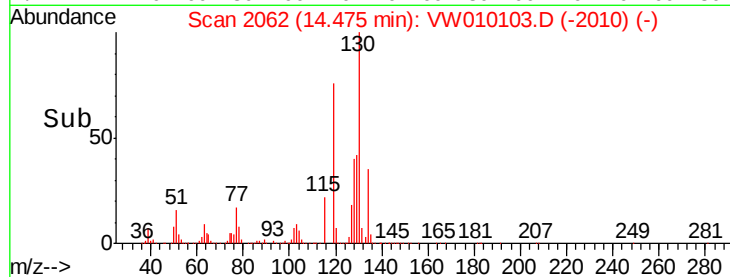
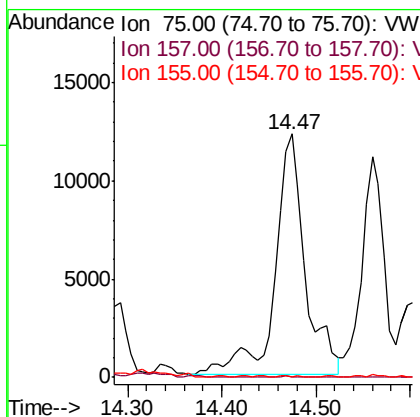
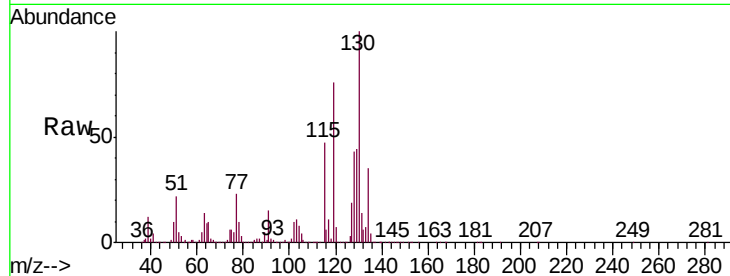




#66
 1,2-Dibromo-3-chloropropane
 Concen: 11.888 ug/L
 RT: 14.47 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: VW010103.D
 Acq: 23 Apr 2019 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX1

Tgt Ion: 75 Resp: 27194
 Ion Ratio Lower Upper
 75 100
 157 0.0 73.3 109.9#
 155 0.0 58.6 88.0#



#69
 Naphthalene
 Concen: 0.884 ug/L
 RT: 15.48 min Scan# 2227
 Delta R.T. 0.10 min
 Lab File: VW010103.D
 Acq: 23 Apr 2019 18:31

Tgt Ion: 128 Resp: 26218
 Ion Ratio Lower Upper
 128 100
 129 96.7 8.6 12.8#
 127 30.1 10.6 16.0#

