

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
 Data File : VW010220.D
 Acq On : 30 Apr 2019 14:52
 Operator : SY/VA
 Sample : K2604-07
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ81

Quant Time: May 01 03:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	528371	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	258987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105353	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.28%
7) Chloroethane-d5	2.89	69	86194	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
10) 1,1-Dichloroethene-d2	4.01	63	162412	12.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.76%
20) 2-Butanone-d5	7.08	46	80059	36.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.42%
24) Chloroform-d	7.65	84	276542	20.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	8.31	65	155342	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.00%
29) Benzene-d6	8.27	84	476504	17.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.56%
33) 1,2-Dichloropropane-d6	9.27	67	161459	18.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.44%
37) Toluene-d8	10.32	98	429383	17.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.92%
38) trans-1,3-Dichloropropene-	10.58	79	67879	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.80%
39) 2-Hexanone-d5	10.93	63	64821	36.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139940	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	191226	19.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.52%

Target Compounds

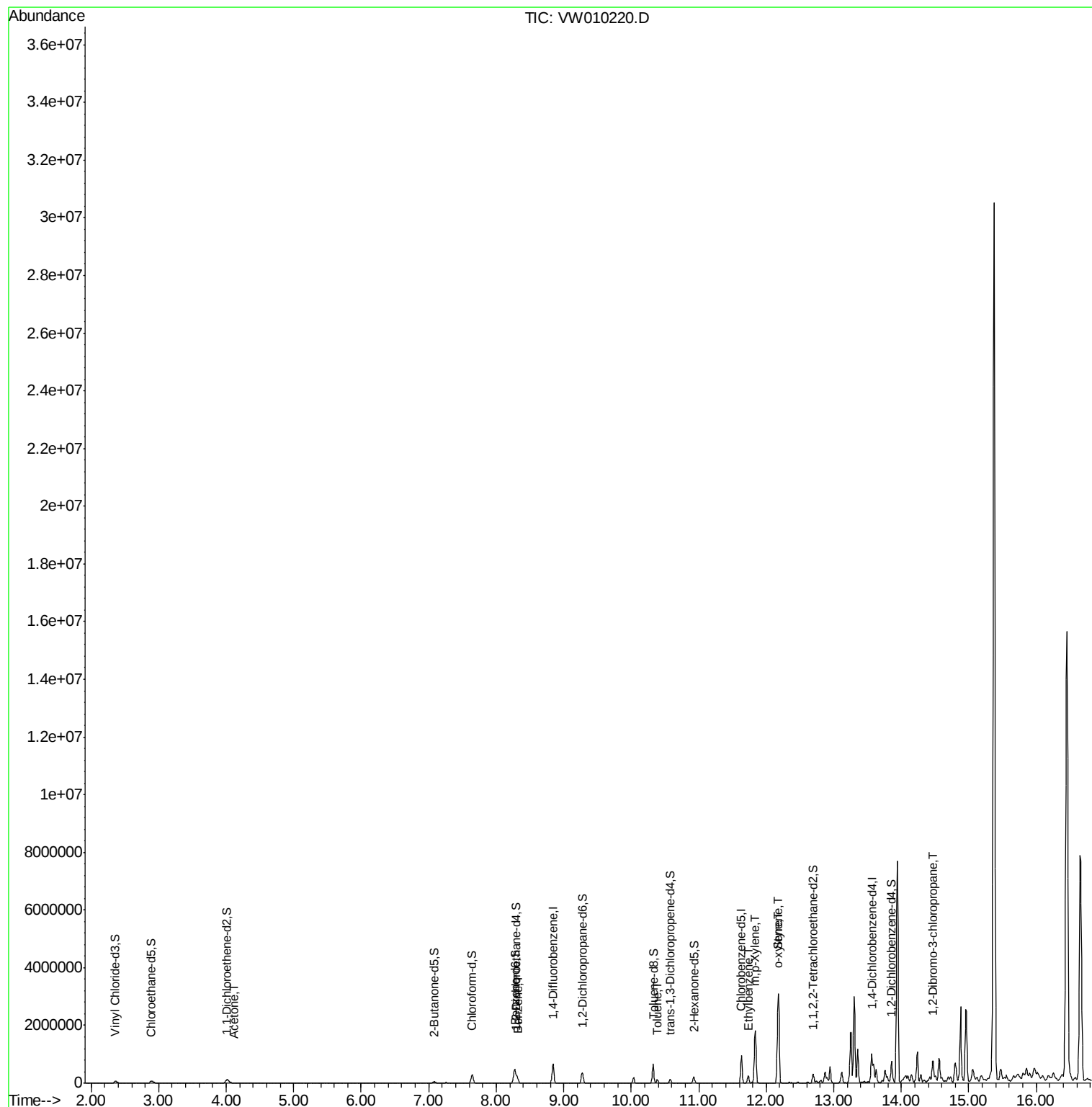
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.11	43	4706	2.694	ug/L	65
34) Benzene	8.32	78	50825	1.779	ug/L	100
44) Toluene	10.39	91	86848	2.841	ug/L	99
53) Ethylbenzene	11.73	91	170540	4.927	ug/L	99
54) m,p-Xylene	11.83	106	536547	41.190	ug/L	99
55) o-xylene	12.16	106	231065	18.765	ug/L	97
56) Styrene	12.18	104	1318727	61.841	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.47	75	12744	10.418	ug/L #	1

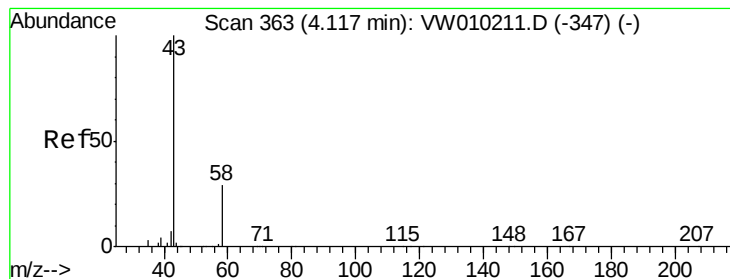
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.694 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

Instrument :

MSVOA_W

ClientSampled :

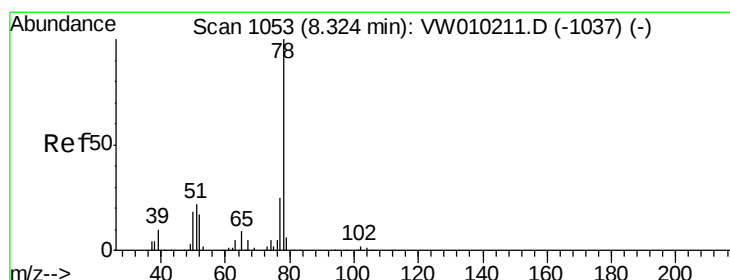
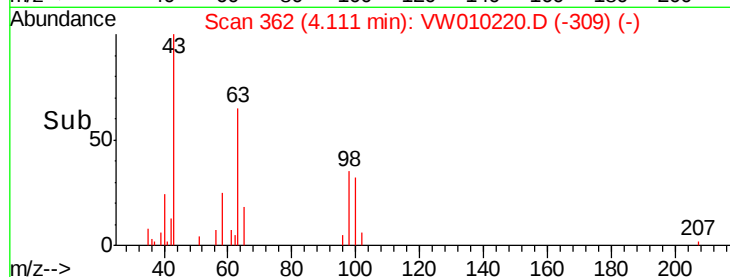
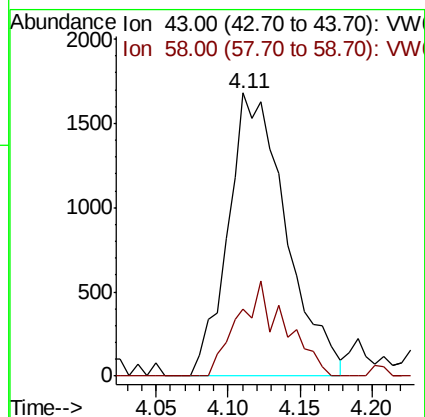
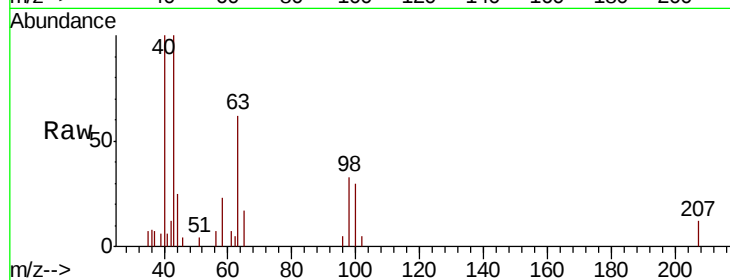
GAJ81

Tgt Ion: 43 Resp: 4706

Ion Ratio Lower Upper

43 100

58 11.0 0.0 59.8



#34

Benzene

Concen: 1.779 ug/L

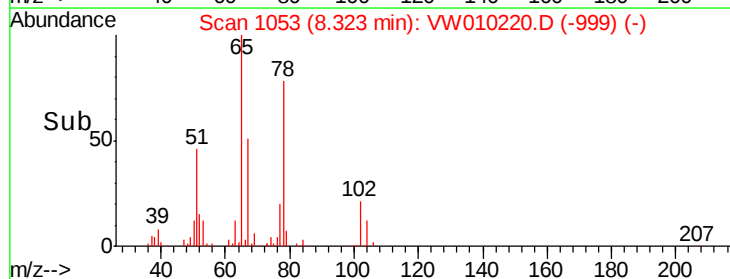
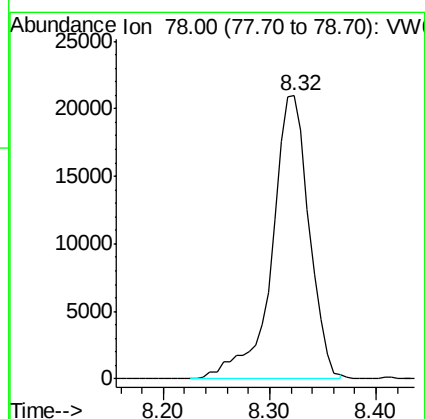
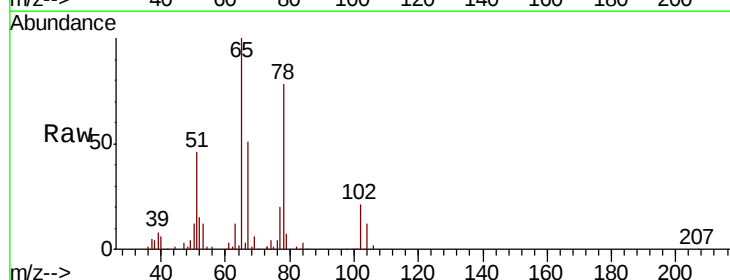
RT: 8.32 min Scan# 1053

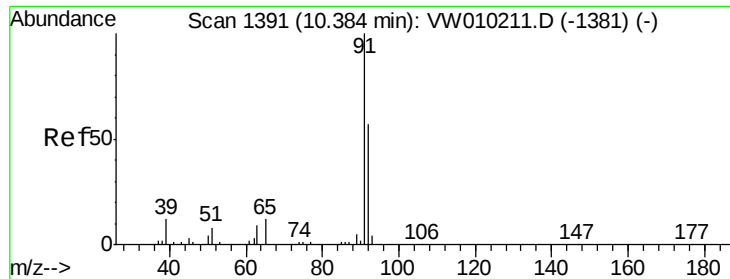
Delta R.T. -0.00 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

Tgt Ion: 78 Resp: 50825





#44

Toluene

Concen: 2.841 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

Instrument :

MSVOA_W

ClientSampled :

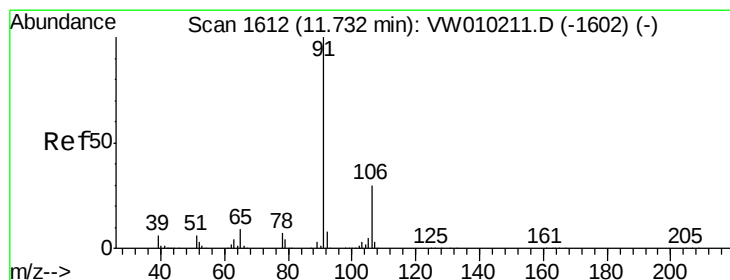
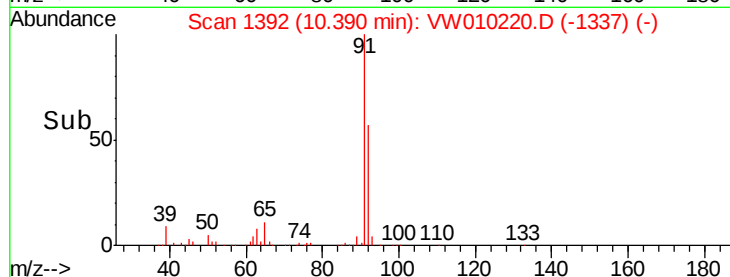
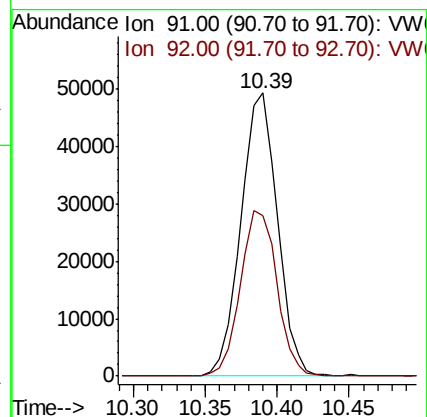
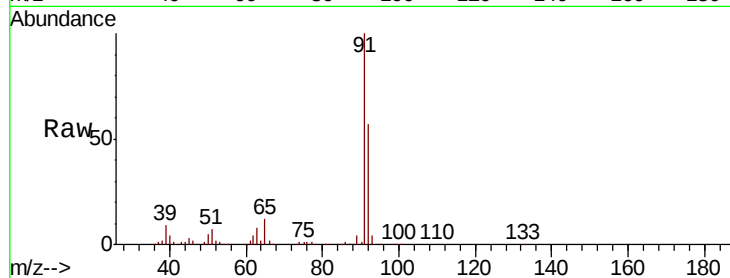
GAJ81

Tgt Ion: 91 Resp: 86848

Ion Ratio Lower Upper

91 100

92 56.8 40.4 75.0



#53

Ethylbenzene

Concen: 4.927 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010220.D

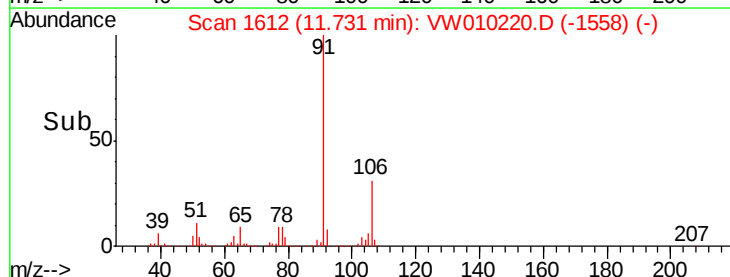
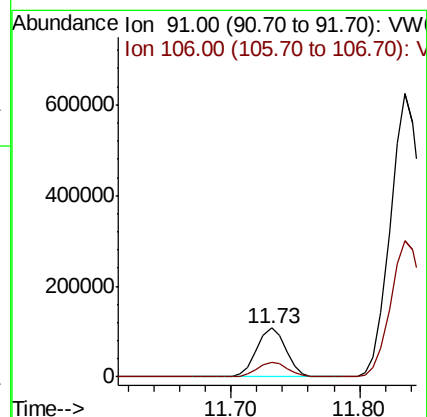
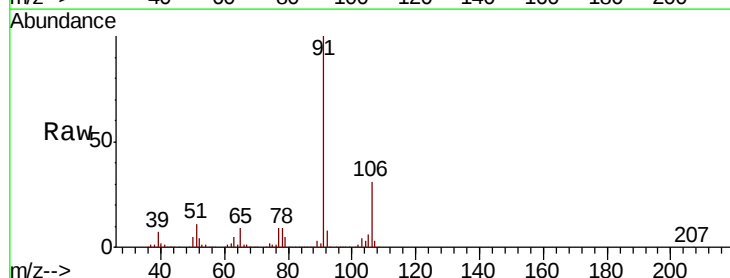
Acq: 30 Apr 2019 14:52

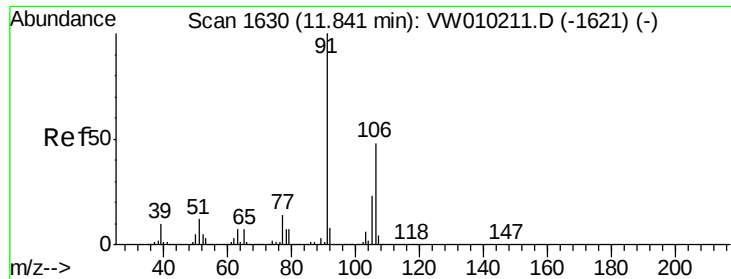
Tgt Ion: 91 Resp: 170540

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.6





#54

m,p-Xylene

Concen: 41.190 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

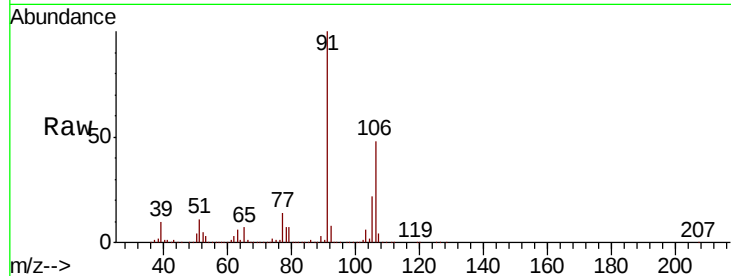
GAJ81

Tgt Ion:106 Resp: 536547

Ion Ratio Lower Upper

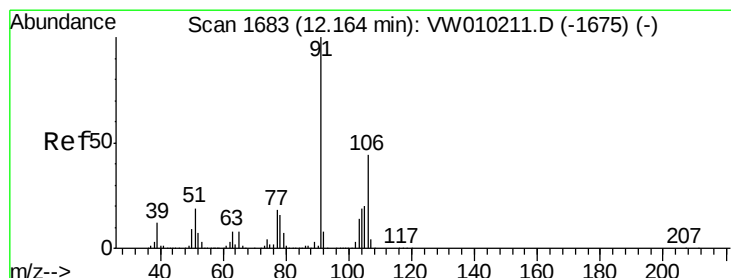
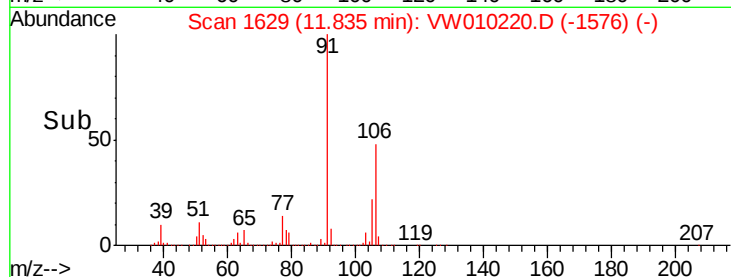
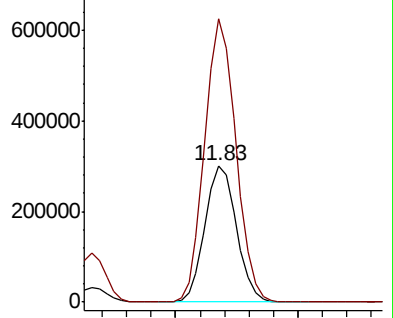
106 100

91 207.2 143.8 267.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 18.765 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW010220.D

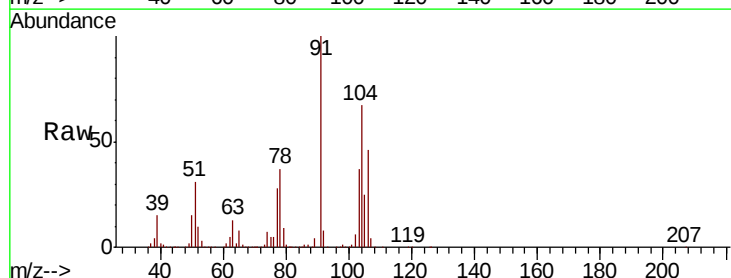
Acq: 30 Apr 2019 14:52

Tgt Ion:106 Resp: 231065

Ion Ratio Lower Upper

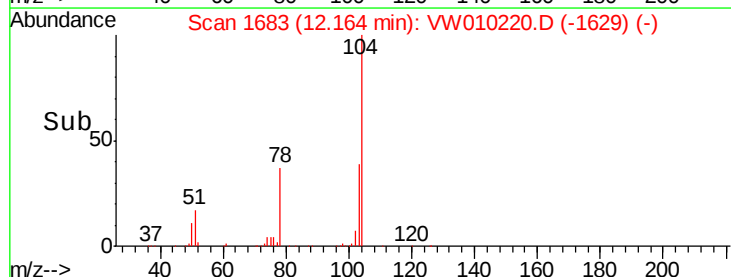
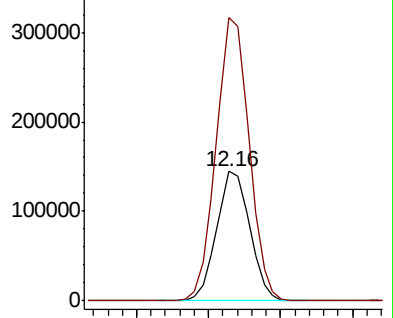
106 100

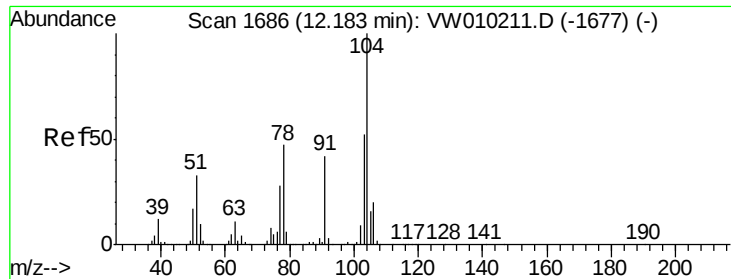
91 218.7 156.2 290.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 61.841 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

Instrument :

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ClientSampleId :

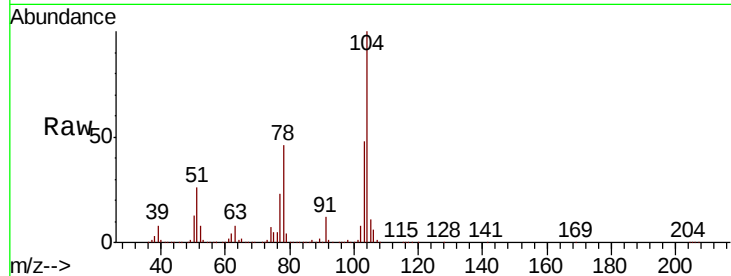
GAJ81

Tgt Ion:104 Resp: 1318727

Ion Ratio Lower Upper

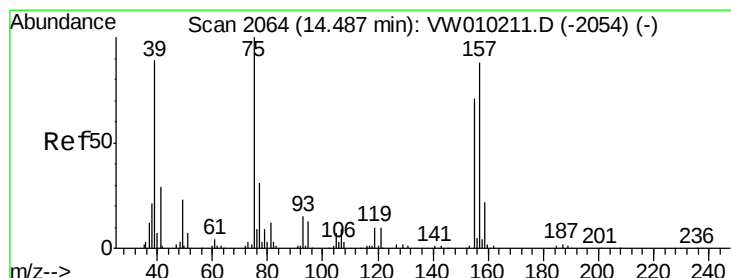
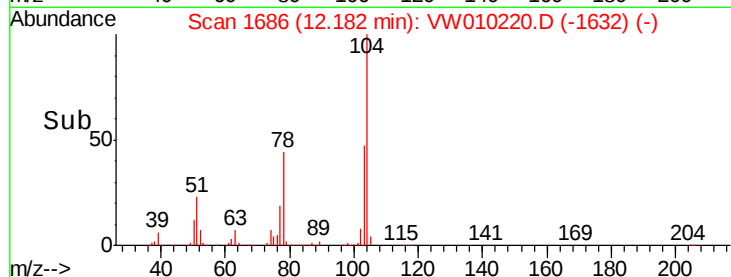
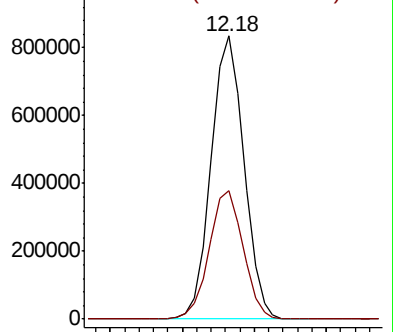
104 100

78 45.5 31.9 59.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 10.418 ug/L

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW010220.D

Acq: 30 Apr 2019 14:52

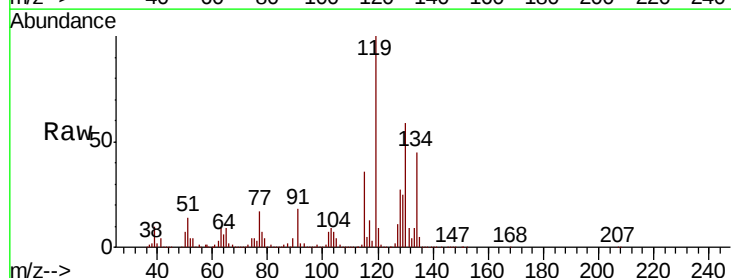
Tgt Ion: 75 Resp: 12744

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): V

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

