

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
 Data File : VW010239.D
 Acq On : 01 May 2019 06:09
 Operator : SY/VA
 Sample : K2604-10
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ84

Quant Time: May 01 07:38:35 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	548162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97890	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
7) Chloroethane-d5	2.89	69	85240	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.01	63	181960	13.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	7.07	46	93336	40.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.38%
24) Chloroform-d	7.65	84	335237	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	196130	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
29) Benzene-d6	8.27	84	566279	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	202214	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	407314	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.12%
38) trans-1,3-Dichloropropene-	10.58	79	70869	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.93	63	81165	52.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159651	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	110204	20.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.40%

Target Compounds

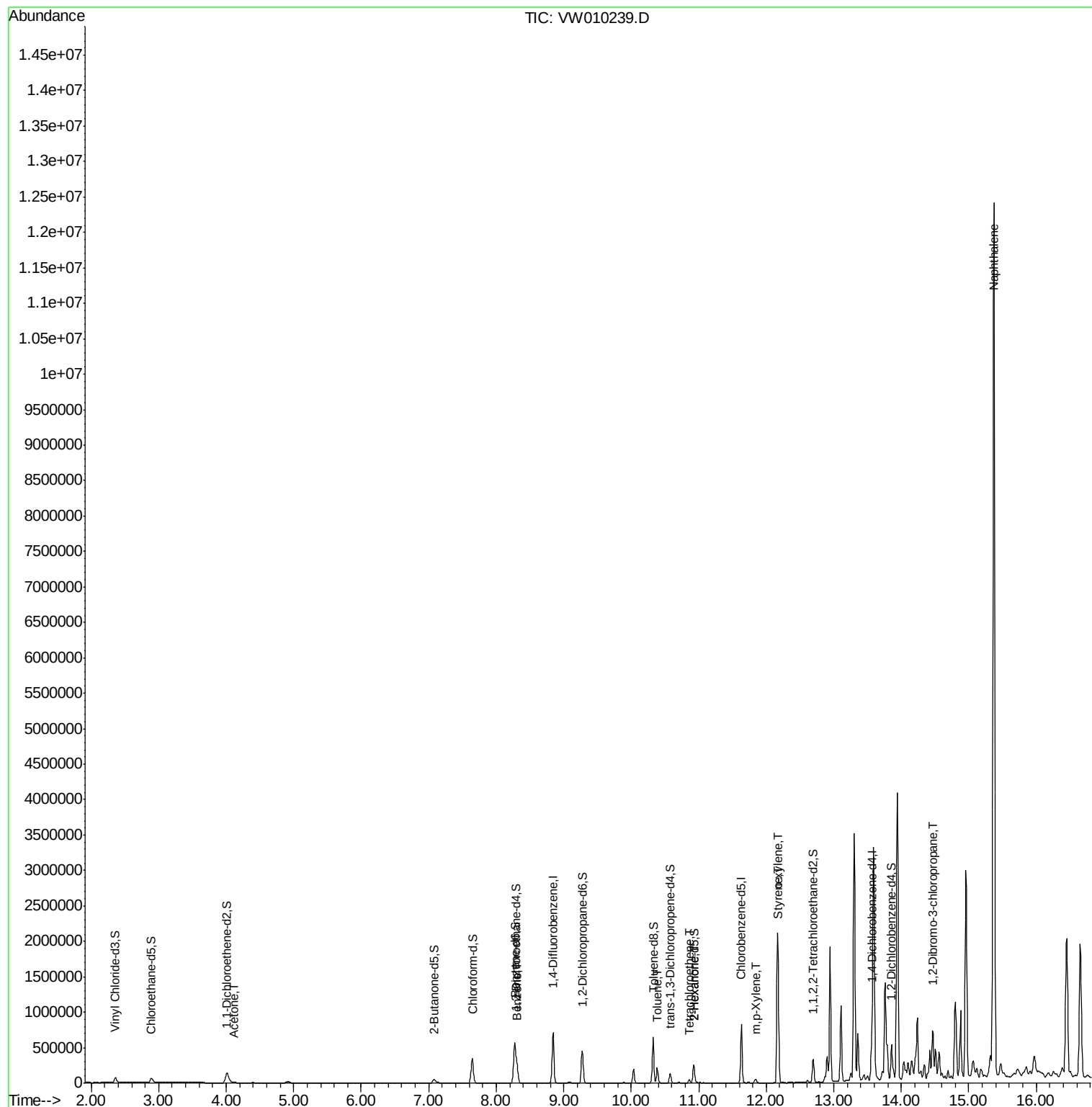
					Qvalue
13) Acetone	4.12	43	10702	5.904 ug/L	75
34) Benzene	8.32	78	21838	0.890 ug/L	100
44) Toluene	10.38	91	161572	6.153 ug/L	98
47) Tetrachloroethene	10.87	164	8919	1.643 ug/L	88
49) 2-Hexanone	10.93	43	12069	3.763 ug/L #	69
54) m,p-Xylene	11.84	106	16651	1.488 ug/L	97
55) o-xylene	12.17	106	505983	47.841 ug/L	95
56) Styrene	12.18	104	186749	10.196 ug/L	81
66) 1,2-Dibromo-3-chloropropan	14.47	75	9556	13.878 ug/L #	1
69) Naphthalene	15.37	128	10416258	927.278 ug/L	98

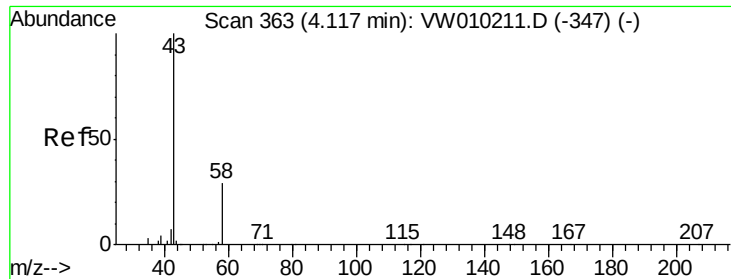
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.904 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

Instrument :

MSVOA_W

ClientSampled :

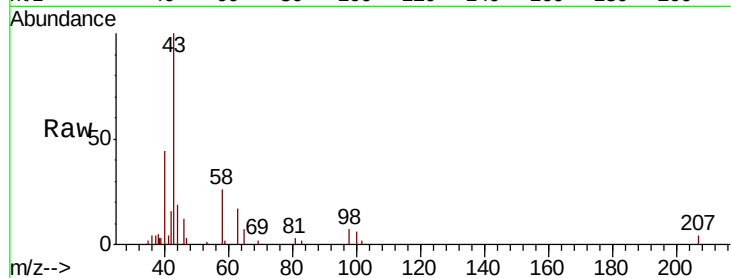
GAJ84

Tgt Ion: 43 Resp: 10702

Ion Ratio Lower Upper

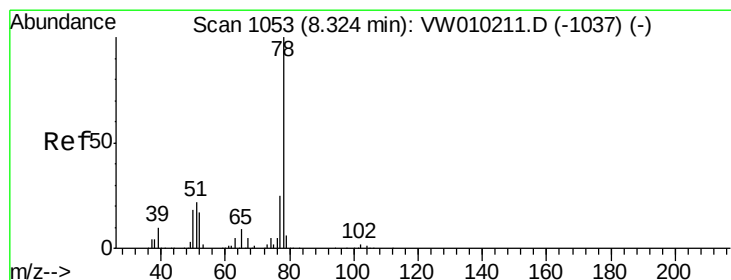
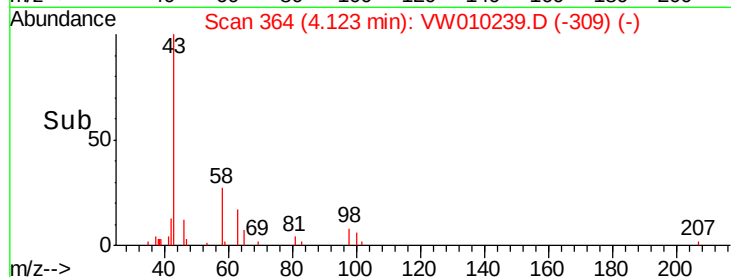
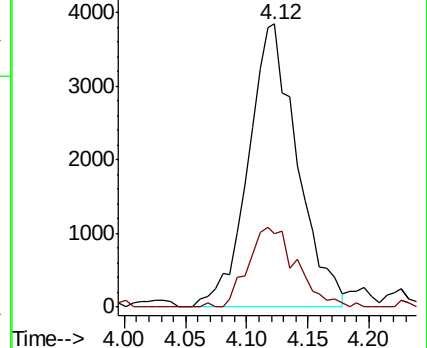
43 100

58 16.3 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.890 ug/L

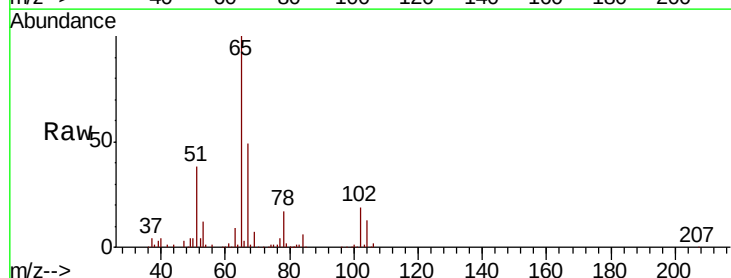
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

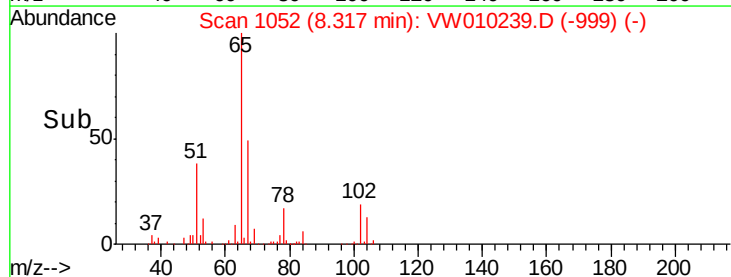
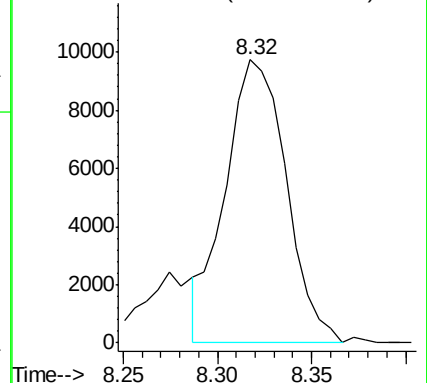
Lab File: VW010239.D

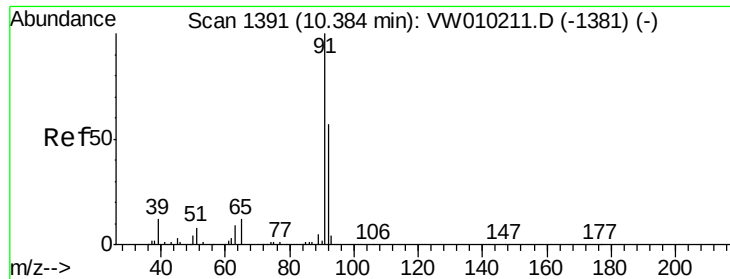
Acq: 01 May 2019 06:09

Tgt Ion: 78 Resp: 21838



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 6.153 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

Instrument :

MSVOA_W

ClientSampled :

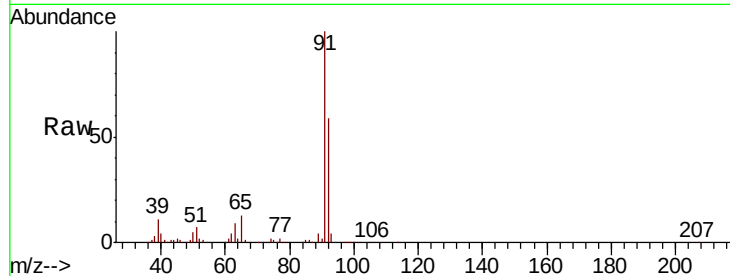
GAJ84

Tgt Ion: 91 Resp: 161572

Ion Ratio Lower Upper

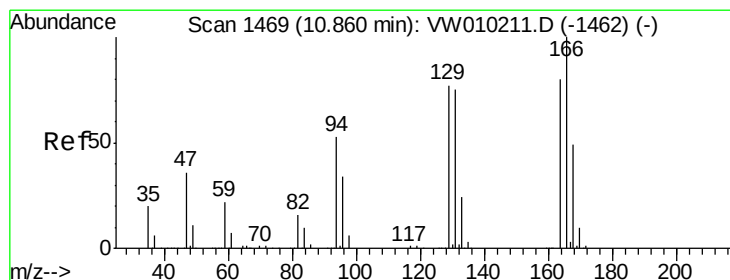
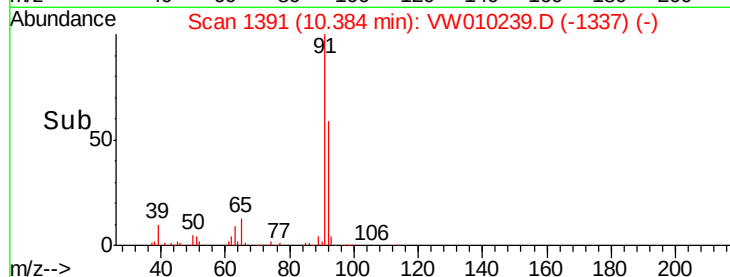
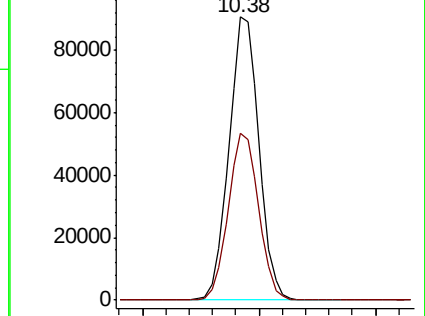
91 100

92 58.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 1.643 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

Tgt Ion: 164 Resp: 8919

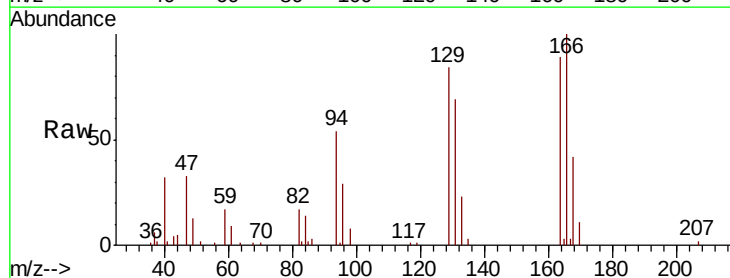
Ion Ratio Lower Upper

164 100

129 94.7 68.3 126.9

131 77.5 66.8 124.0

166 112.3 91.1 169.3

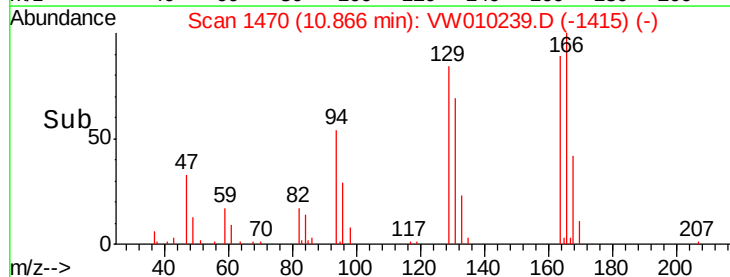
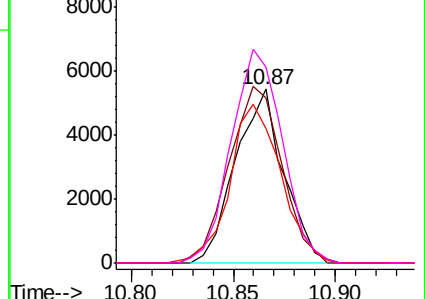


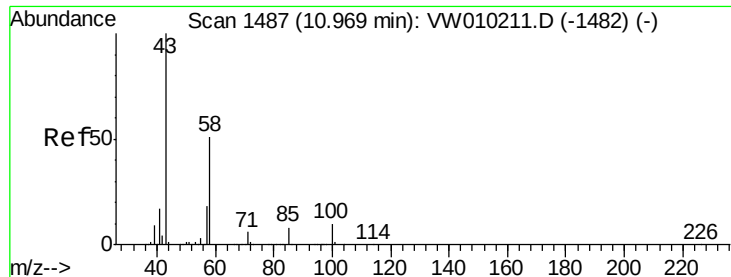
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

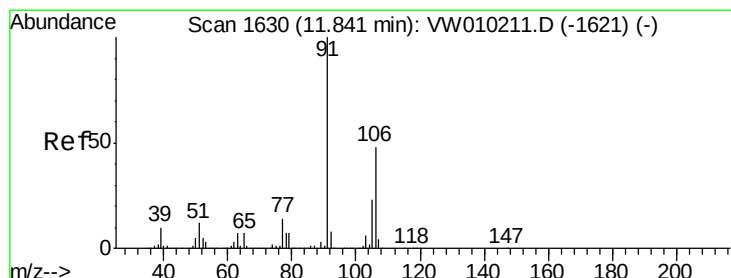
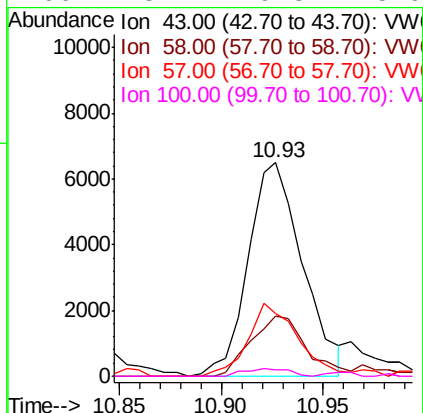
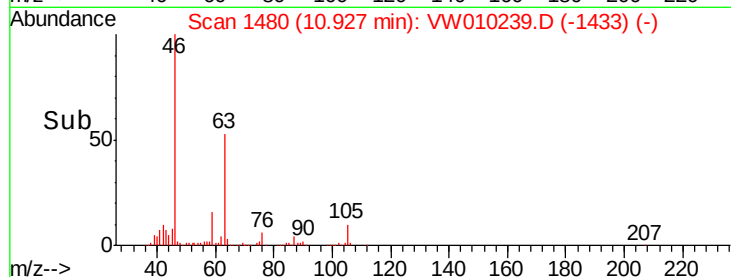
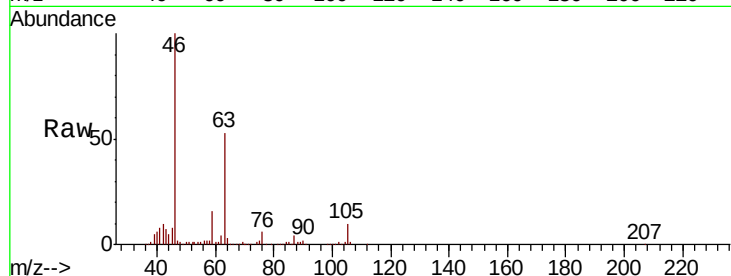




#49
2-Hexanone
Concen: 3.763 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

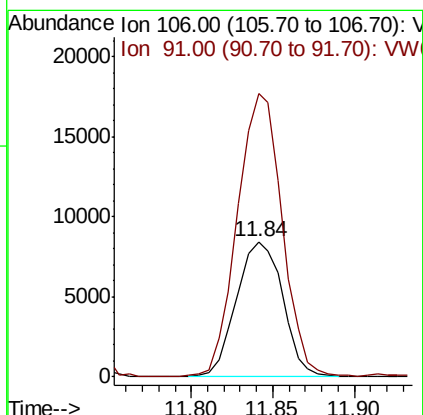
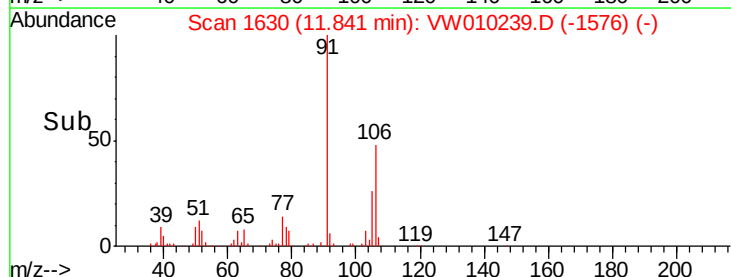
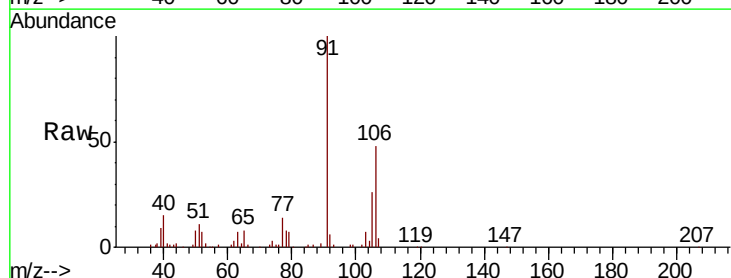
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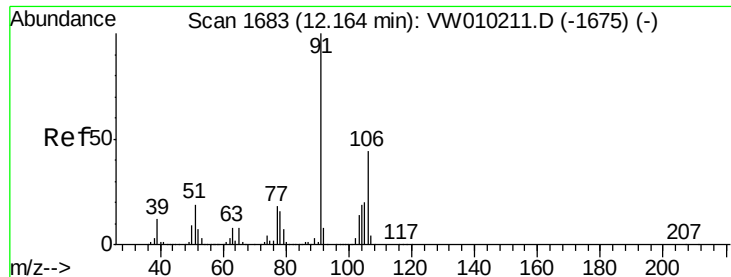
Tgt Ion:	43	Resp:	12069
Ion	Ratio	Lower	Upper
43	100		
58	28.5	41.4	62.2#
57	31.2	14.8	22.2#
100	3.1	9.3	13.9#



#54
m,p-Xylene
Concen: 1.488 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

Tgt Ion:	106	Resp:	16651
Ion	Ratio	Lower	Upper
106	100		
91	209.3	143.8	267.0

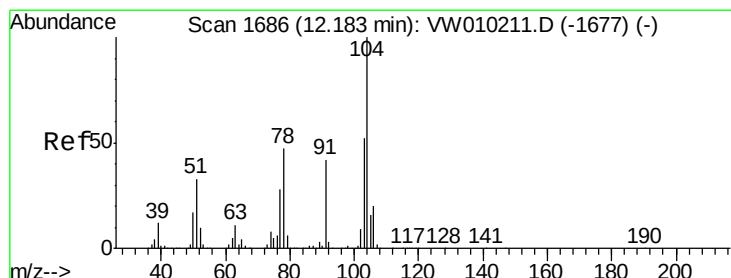
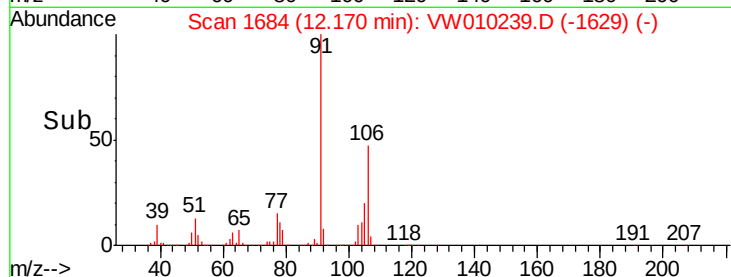
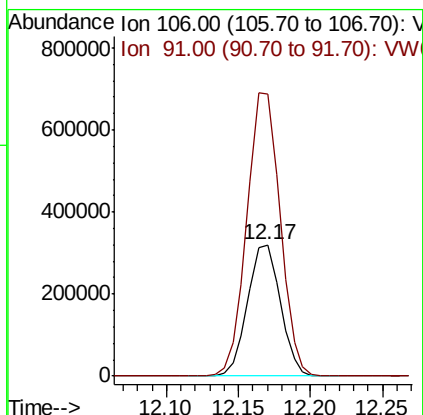
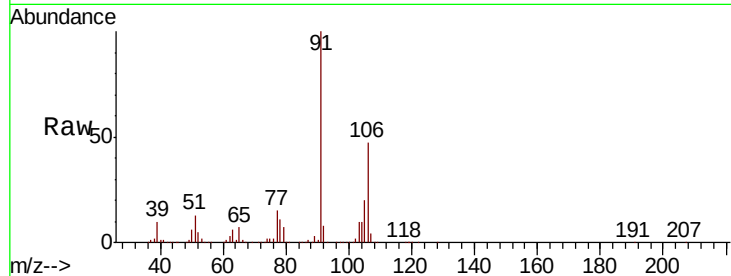




#55
o-xylene
Concen: 47.841 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

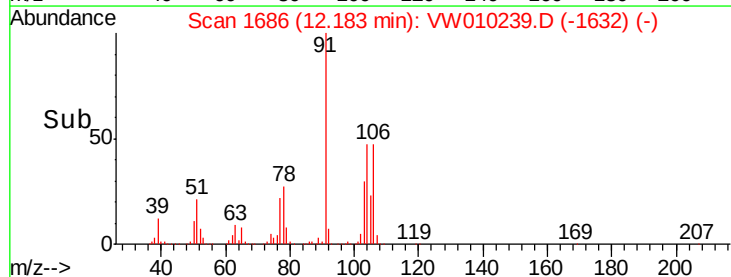
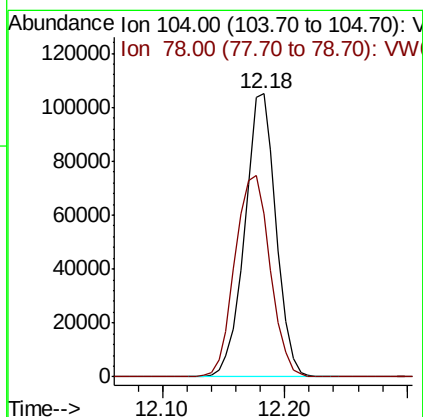
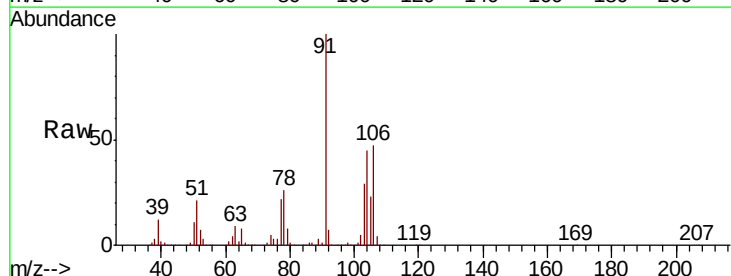
Instrument :
MSVOA_W
ClientSampled :
GAJ84

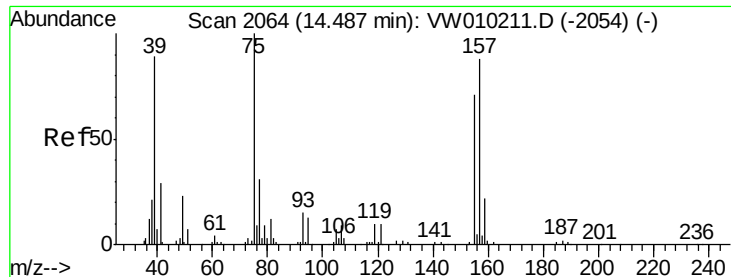
Tgt Ion:106 Resp: 505983
Ion Ratio Lower Upper
106 100
91 214.6 156.2 290.2



#56
Styrene
Concen: 10.196 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

Tgt Ion:104 Resp: 186749
Ion Ratio Lower Upper
104 100
78 57.7 31.9 59.2

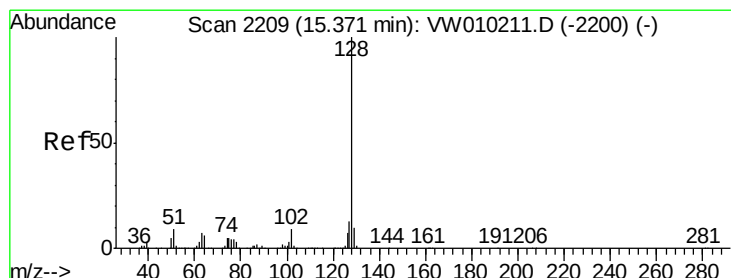
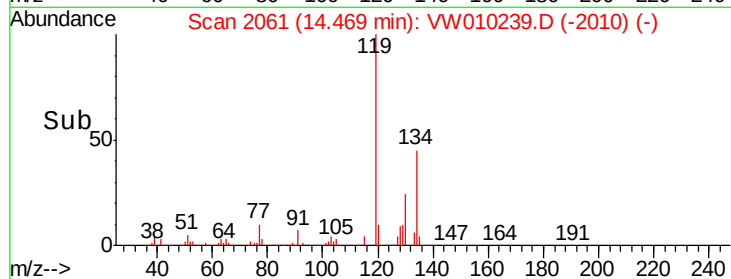
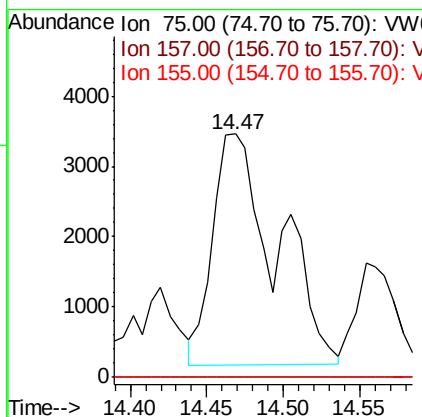
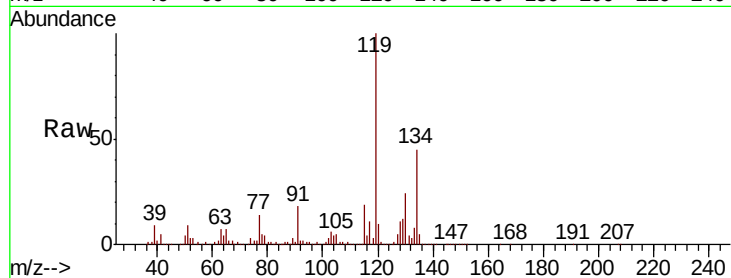




#66
 1,2-Dibromo-3-chloropropane
 Concen: 13.878 ug/L
 RT: 14.47 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: VW010239.D
 Acq: 01 May 2019 06:09

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 ClientSampleId :
 GAJ84

Tgt Ion: 75 Resp: 9556
 Ion Ratio Lower Upper
 75 100
 157 0.0 85.7 128.5#
 155 0.0 70.8 106.2#



#69
 Naphthalene
 Concen: 927.278 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010239.D
 Acq: 01 May 2019 06:09

Tgt Ion: 128 Resp: 10416258
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 12.8
 127 13.6 10.6 15.8

