

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
 Data File : VW010224.D
 Acq On : 30 Apr 2019 18:11
 Operator : SY/VA
 Sample : K2604-15MS
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ88MS

Quant Time: May 01 03:56:52 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	596415	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	564599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	319620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116518	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.88%
7) Chloroethane-d5	2.89	69	100918	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
10) 1,1-Dichloroethene-d2	4.02	63	257752	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.07	46	110647	44.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.68%
24) Chloroform-d	7.64	84	331818	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	8.31	65	188551	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	8.27	84	600196	19.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.96%
33) 1,2-Dichloropropane-d6	9.27	67	201423	21.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.84%
37) Toluene-d8	10.32	98	554389	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	10.58	79	85927	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.93	63	97379	48.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166813	20.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	288827	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds

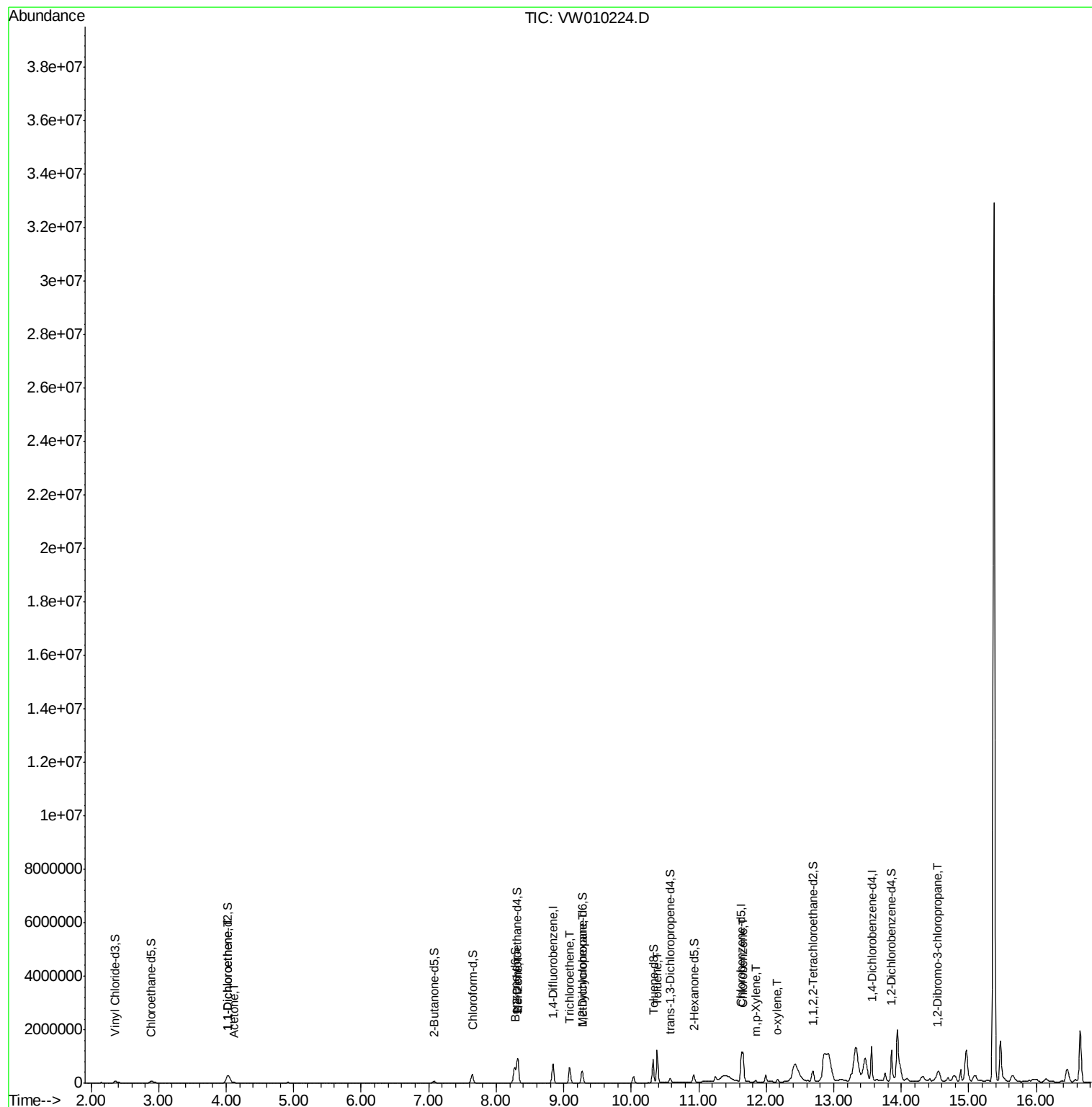
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	141075	19.482	ug/L	94
13) Acetone	4.12	43	13689	6.941	ug/L	96
34) Benzene	8.32	78	803089	25.348	ug/L	100
35) Trichloroethene	9.09	95	195903	23.189	ug/L	99
36) Methylcyclohexane	9.27	83	50817	3.615	ug/L #	18
44) Toluene	10.38	91	876538	25.850	ug/L	99
52) Chlorobenzene	11.66	112	532606	23.978	ug/L	99
54) m,p-Xylene	11.84	106	16814	1.164	ug/L	88
55) o-xylene	12.16	106	23947	1.753	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.54	75	23048	15.267	ug/L #	25

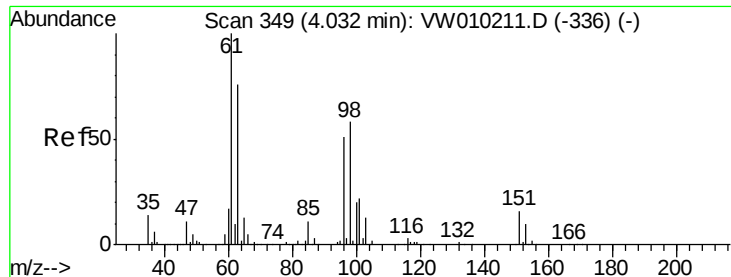
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010224.D
Acq On : 30 Apr 2019 18:11
Operator : SY/VA
Sample : K2604-15MS
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88MS

Quant Time: May 01 03:56:52 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





#12

1,1-Dichloroethene

Concen: 19.482 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010224.D

Acq: 30 Apr 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

GAJ88MS

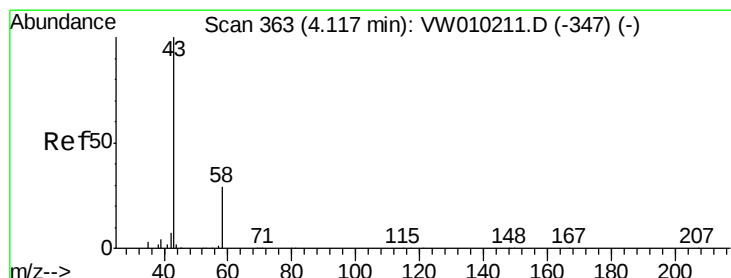
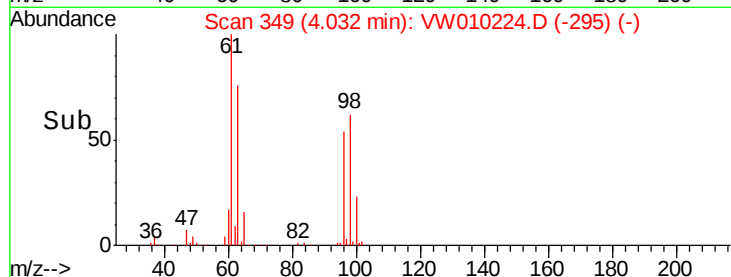
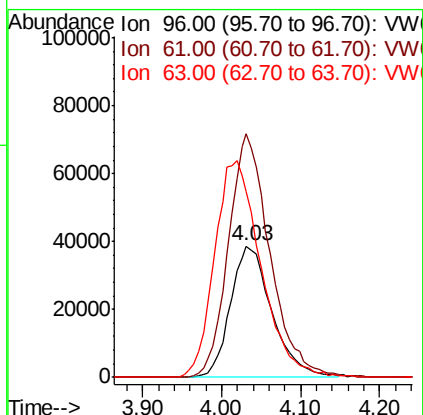
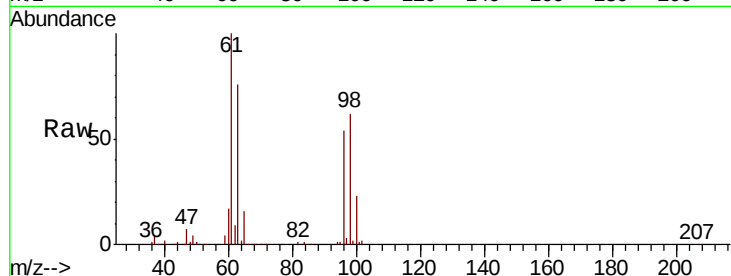
Tgt Ion: 96 Resp: 141075

Ion Ratio Lower Upper

96 100

61 185.3 125.2 232.6

63 141.1 106.3 197.3



#13

Acetone

Concen: 6.941 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010224.D

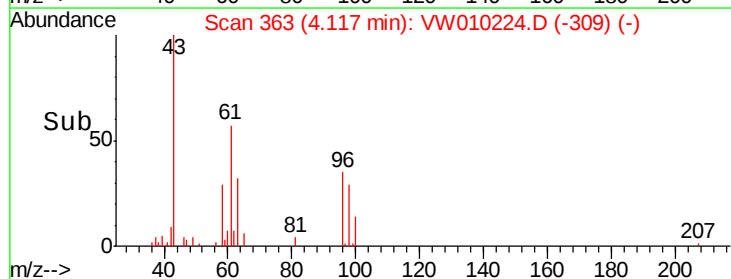
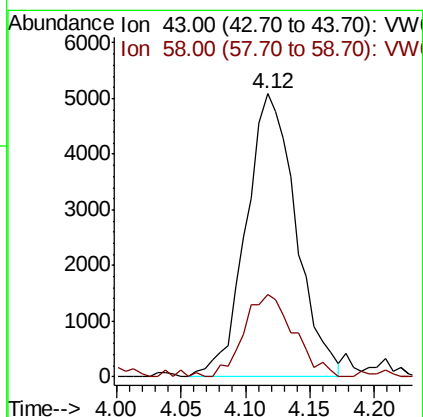
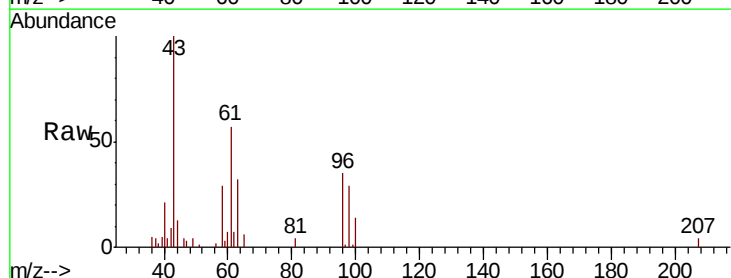
Acq: 30 Apr 2019 18:11

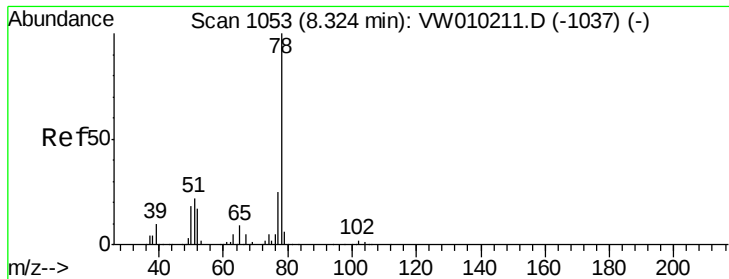
Tgt Ion: 43 Resp: 13689

Ion Ratio Lower Upper

43 100

58 27.9 0.0 59.8





#34

Benzene

Concen: 25.348 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010224.D

Acq: 30 Apr 2019 18:11

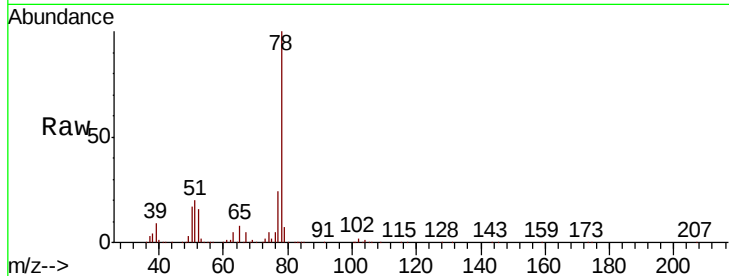
Instrument :

MSVOA_W

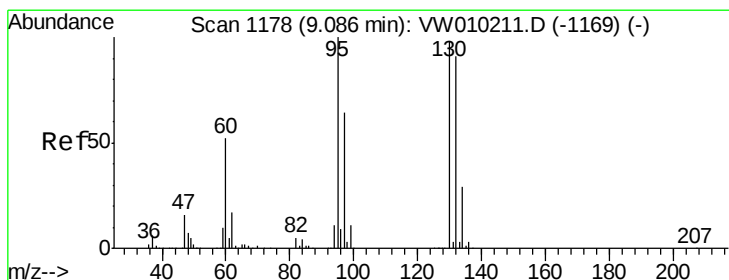
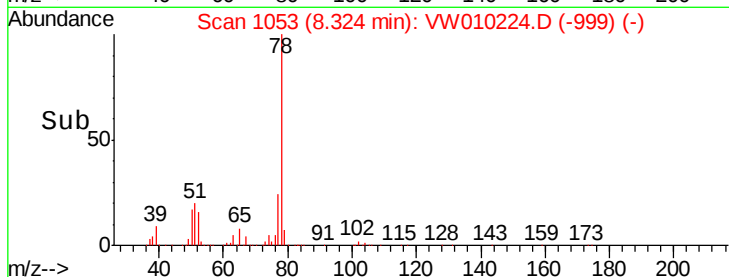
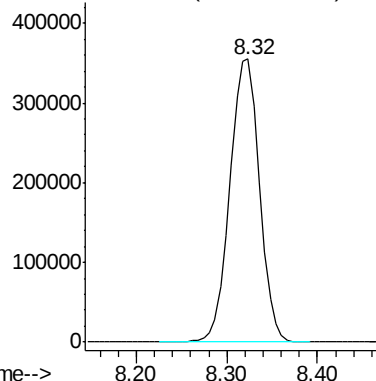
ClientSampleId :

GAJ88MS

Tgt Ion: 78 Resp: 803089



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.189 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW010224.D

Acq: 30 Apr 2019 18:11

Tgt Ion: 95 Resp: 195903

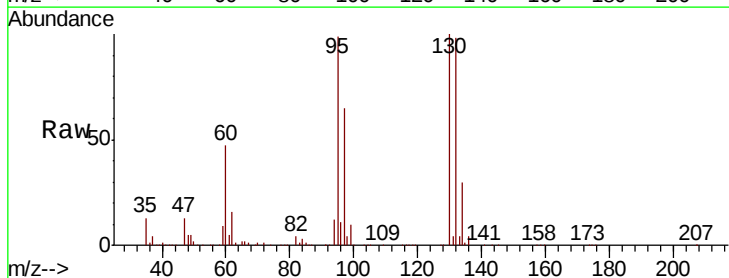
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.2
132	98.1	69.2	128.6
130	101.0	72.2	134.2

95 100

97 63.7 45.4 84.2

132 98.1 69.2 128.6

130 101.0 72.2 134.2

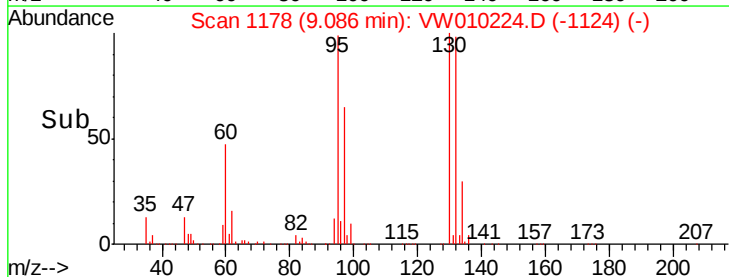
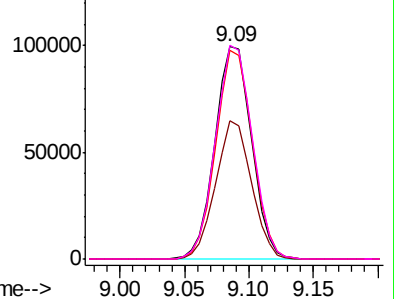


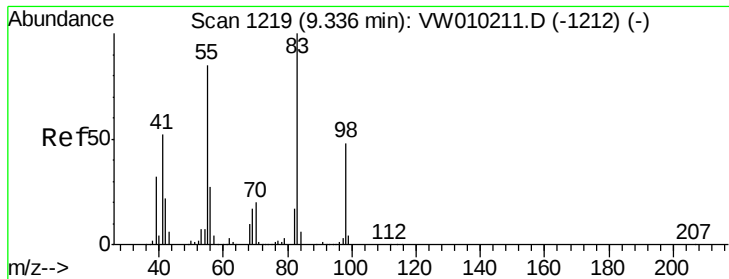
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

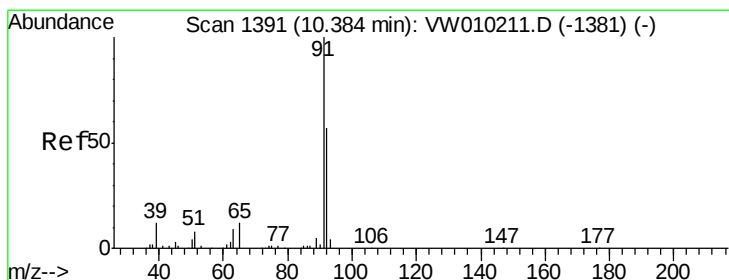
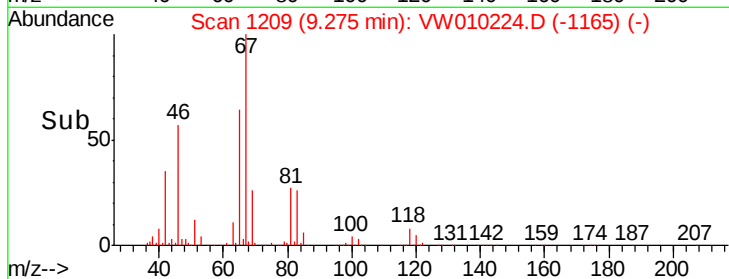
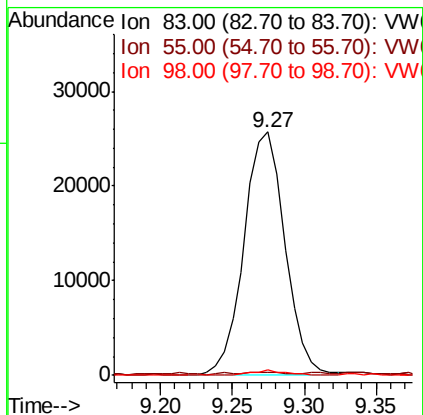
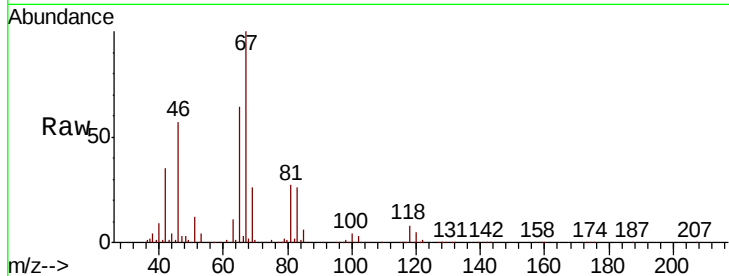




#36
Methylcyclohexane
Concen: 3.615 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010224.D
Acq: 30 Apr 2019 18:11

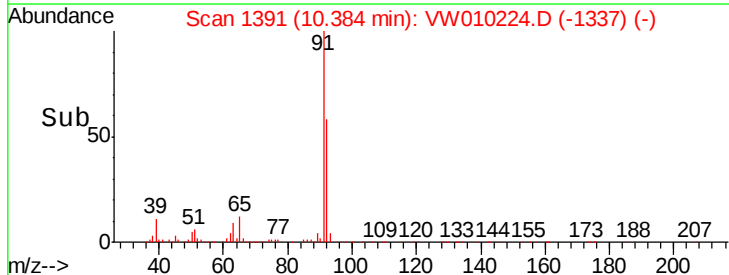
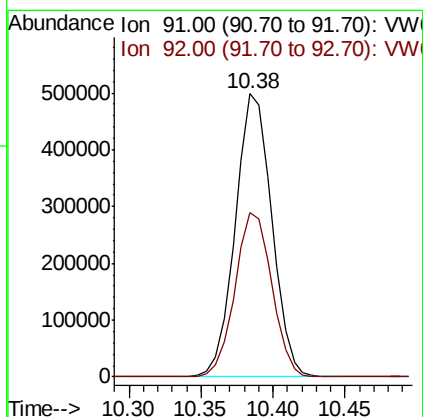
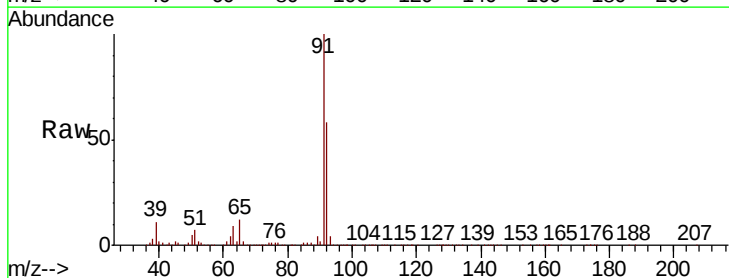
Instrument :
MSVOA_W
ClientSampleId :
GAJ88MS

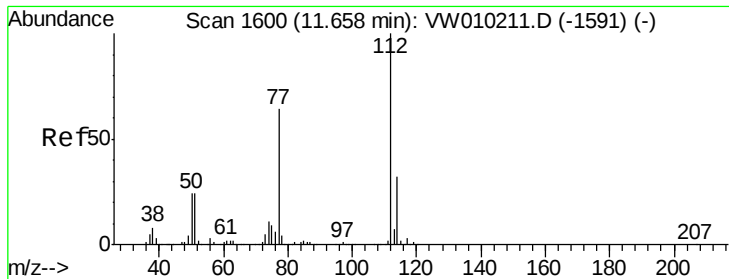
Tgt Ion: 83 Resp: 50817
Ion Ratio Lower Upper
83 100
55 0.4 64.5 96.7#
98 1.9 39.4 59.2#



#44
Toluene
Concen: 25.850 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW010224.D
Acq: 30 Apr 2019 18:11

Tgt Ion: 91 Resp: 876538
Ion Ratio Lower Upper
91 100
92 58.1 40.4 75.0





#52

Chlorobenzene

Concen: 23.978 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010224.D

Acq: 30 Apr 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

GAJ88MS

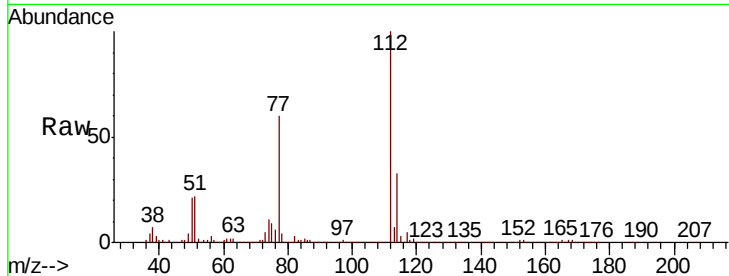
Tgt Ion:112 Resp: 532606

Ion Ratio Lower Upper

112 100

77 59.6 48.2 72.2

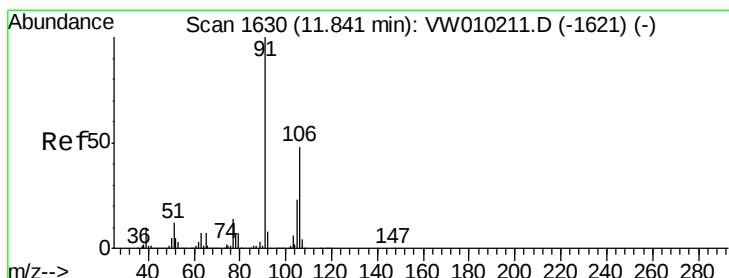
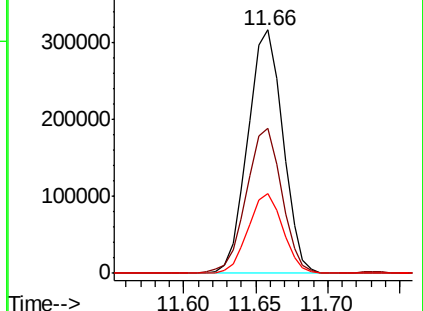
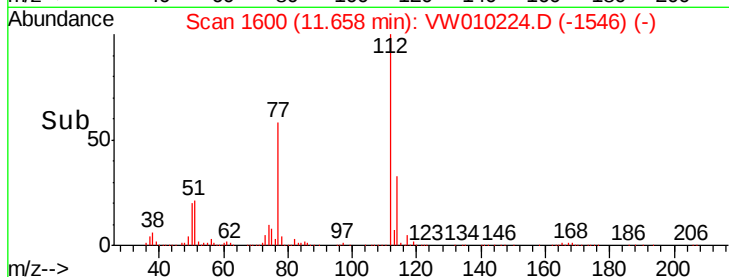
114 32.8 22.2 41.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



#54

m,p-Xylene

Concen: 1.164 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010224.D

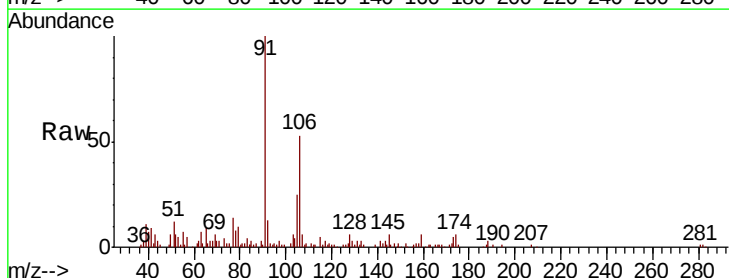
Acq: 30 Apr 2019 18:11

Tgt Ion:106 Resp: 16814

Ion Ratio Lower Upper

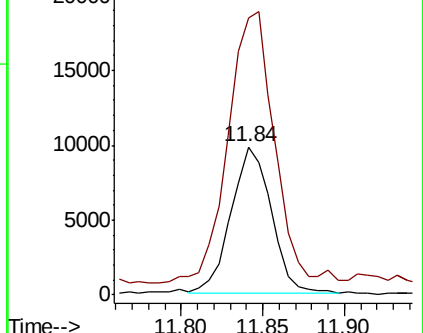
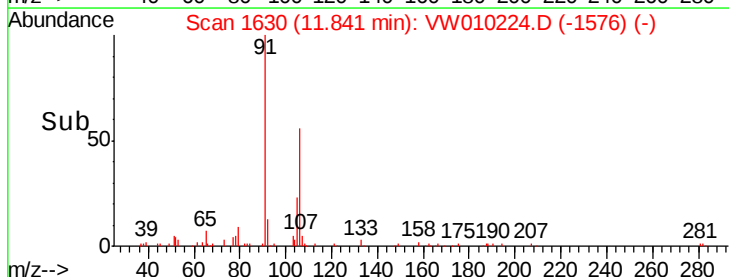
106 100

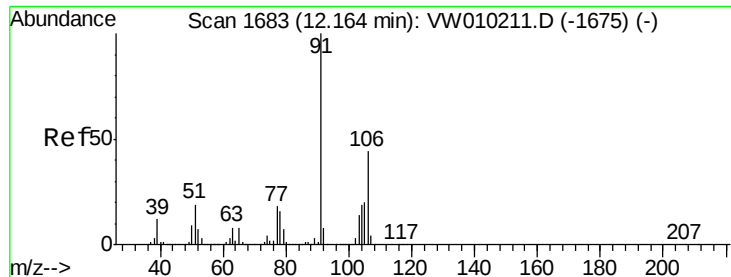
91 187.5 143.8 267.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

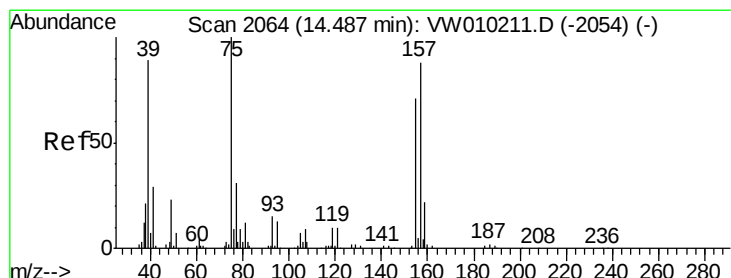
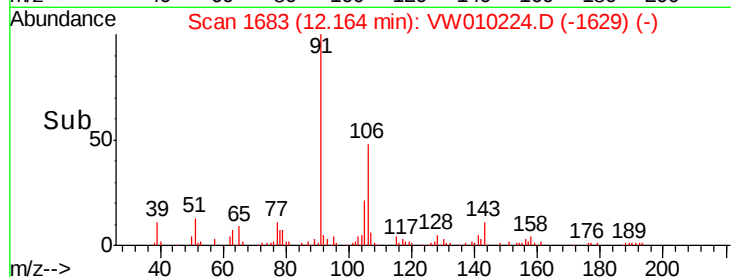
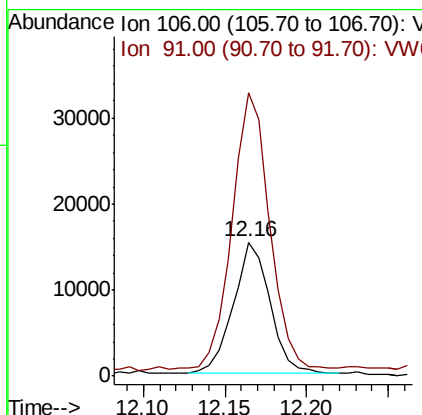
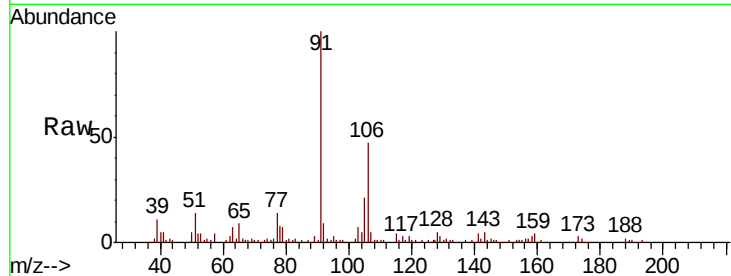




#55
o-xylene
Concen: 1.753 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010224.D
Acq: 30 Apr 2019 18:11

Instrument :
MSVOA_W
ClientSampleId :
GAJ88MS

Tgt Ion: 106 Resp: 23947
Ion Ratio Lower Upper
106 100
91 211.7 156.2 290.2



#66
1,2-Dibromo-3-chloropropane
Concen: 15.267 ug/L
RT: 14.54 min Scan# 2072
Delta R.T. 0.05 min
Lab File: VW010224.D
Acq: 30 Apr 2019 18:11

Tgt Ion: 75 Resp: 23048
Ion Ratio Lower Upper
75 100
157 38.3 85.7 128.5#
155 8.4 70.8 106.2#

