

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014655.D
 Acq On : 15 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1118-06MS
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASJ8MS

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 5:41:31 PM

Quant Time: Jan 16 04:32:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1458341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1272972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	598861	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	440053	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	352011	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
10) 1,1-Dichloroethene-d2	4.02	63	821150	21.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.36%
20) 2-Butanone-d5	7.07	46	227322	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
24) Chloroform-d	7.65	84	788317	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	404506	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.27	84	1753610	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.27	67	521327	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.32	98	1576436	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.76%
38) trans-1,3-Dichloropropene-	10.58	79	207031	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.92	63	181963	52.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	378804	24.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	530009	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	359017m	19.240	ug/L	
13) Acetone	4.12	43	23644	3.491	ug/L	99
34) Benzene	8.32	78	1587139	20.718	ug/L	100
35) Trichloroethene	9.09	95	403853	20.427	ug/L	98
44) Toluene	10.38	91	1676547	20.942	ug/L	96
52) Chlorobenzene	11.66	112	1050481	20.758	ug/L	96

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

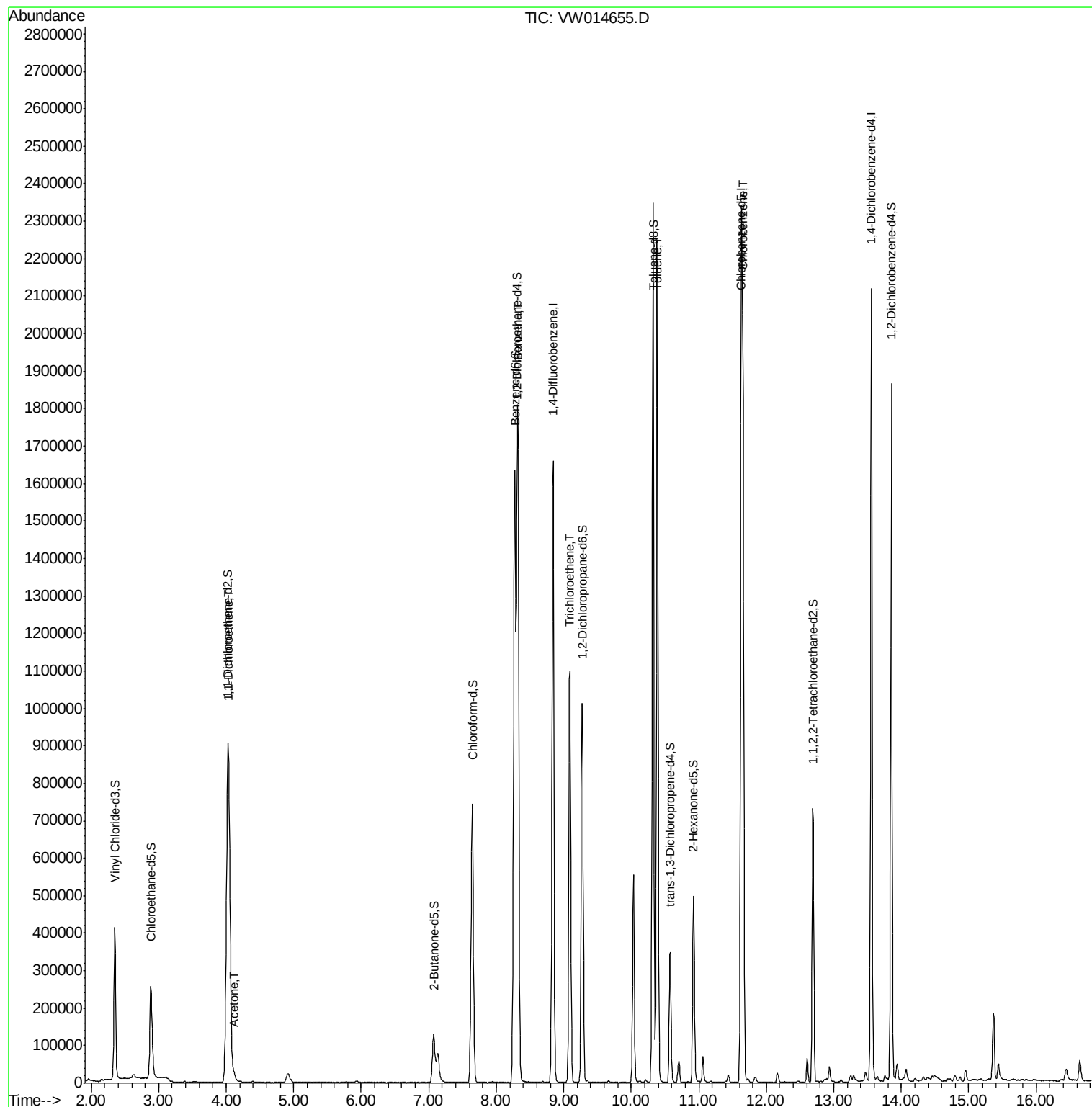
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
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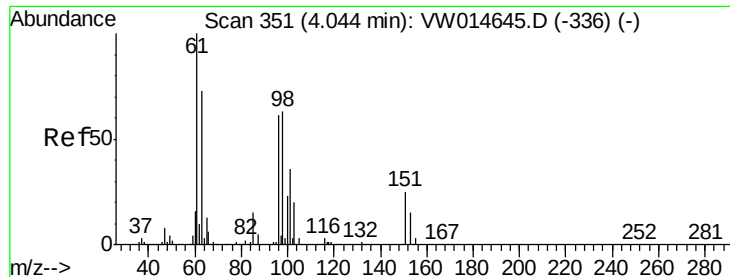
Instrument :
MSVOA_W
ClientSampleId :
GASJ8MS

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Quant Time: Jan 16 04:32:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.240 ug/L m

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampled :

GASJ8MS

Tot Ion: 96 Resp: 359017

Ion Ratio Lower Upper

96 100

61 167.6 114.2 212.0

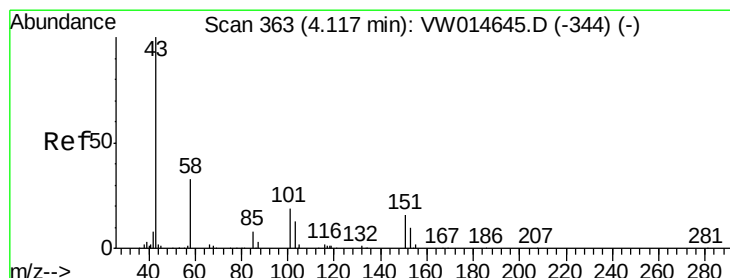
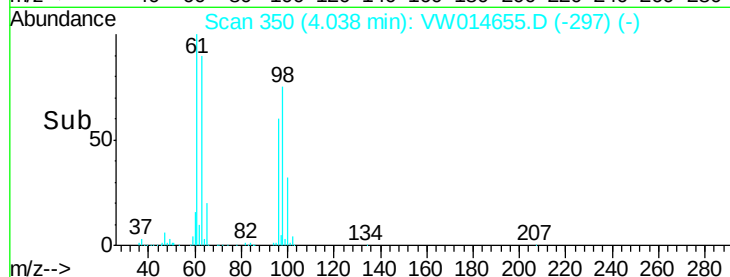
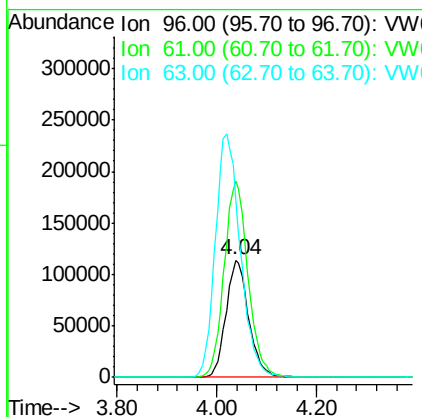
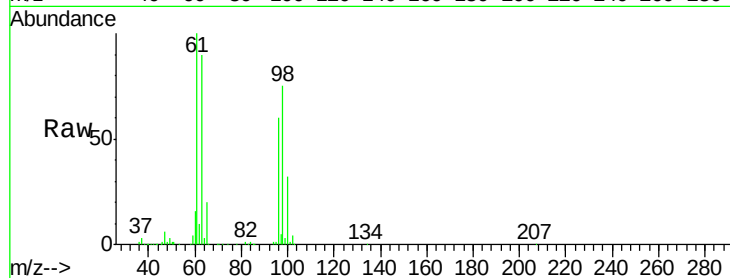
63 151.4 78.6 146.0#

Manual Integrations

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#13

Acetone

Concen: 3.491 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014655.D

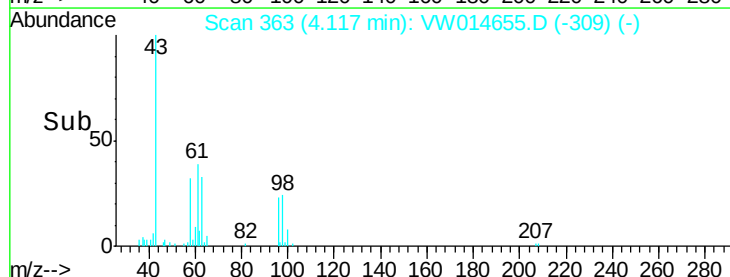
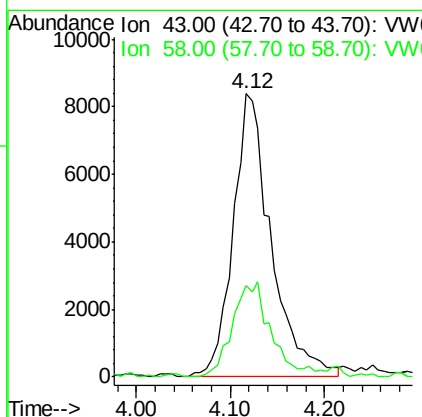
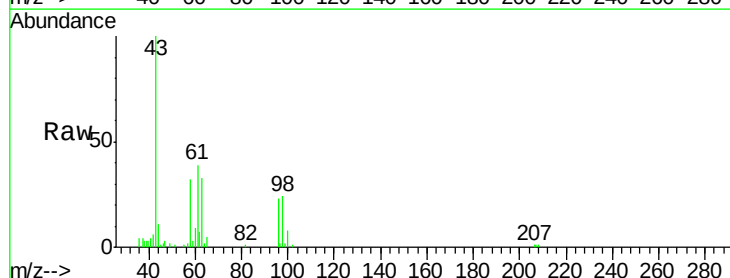
Acq: 15 Jan 2020 17:04

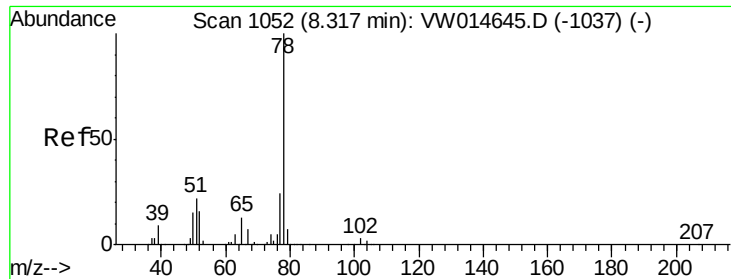
Tgt Ion: 43 Resp: 23644

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.0





#34

Benzene

Concen: 20.718 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

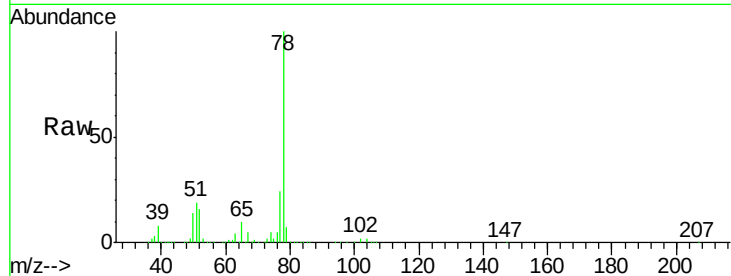
ClientSampleId :

GASJ8MS

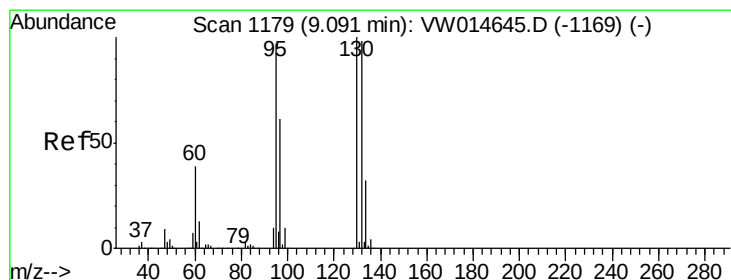
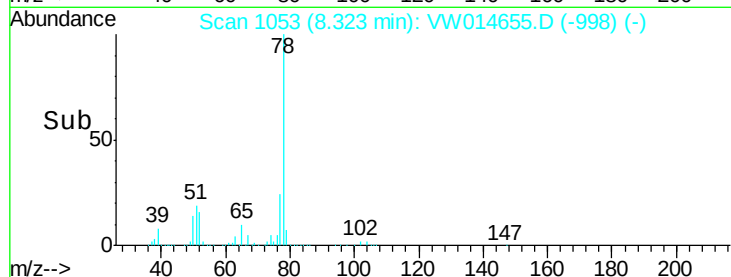
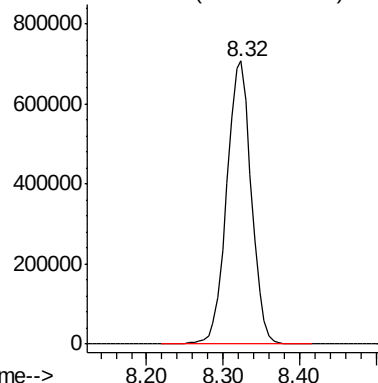
Tgt Ion: 78 Resp: 1587139

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.427 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Tgt Ion: 95 Resp: 403853

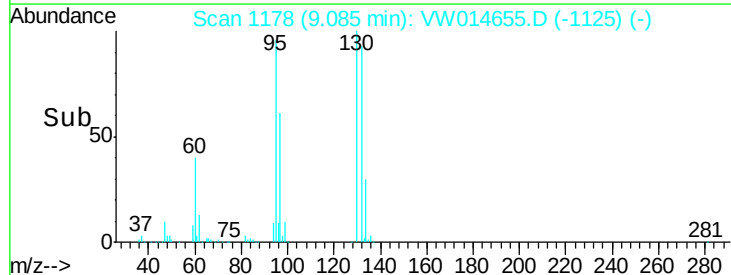
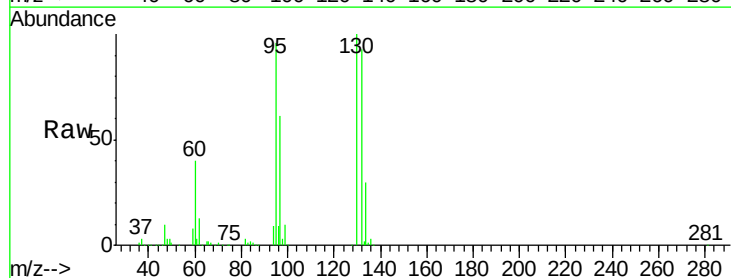
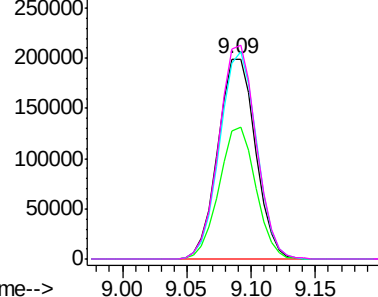
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.3	82.3
132	101.1	69.2	128.6
130	105.4	72.3	134.3

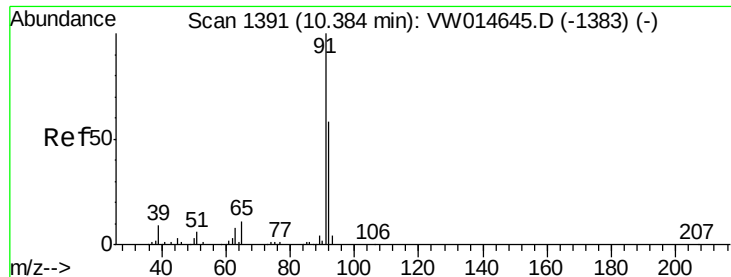
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 20.942 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Instrument :

MSVOA_W

ClientSampleId :

GASJ8MS

Tot Ion: 91 Resp: 1676547

Ion Ratio Lower Upper

91 100

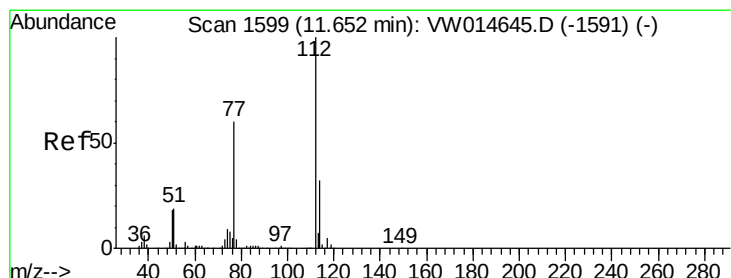
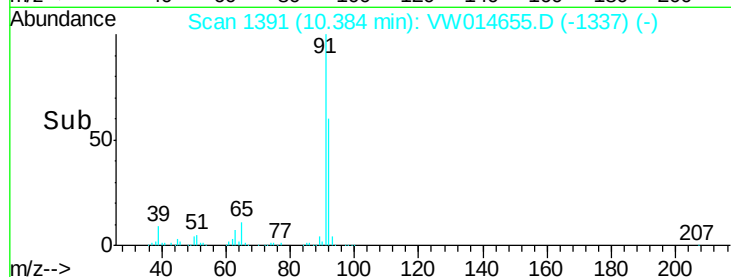
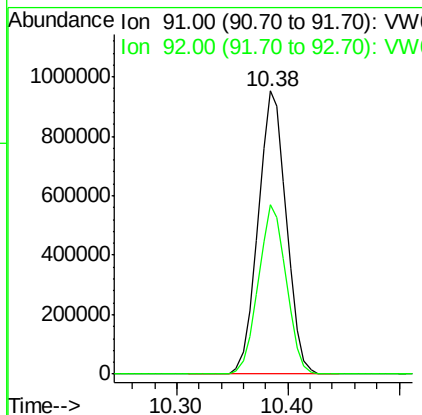
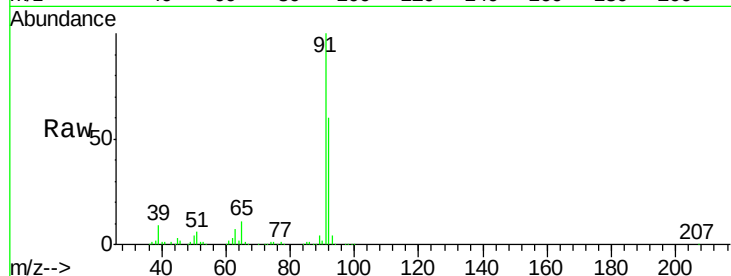
92 60.0 40.2 74.6

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#52

Chlorobenzene

Concen: 20.758 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014655.D

Acq: 15 Jan 2020 17:04

Tgt Ion: 112 Resp: 1050481

Ion Ratio Lower Upper

112 100

77 55.5 48.2 72.2

114 32.1 22.9 42.5

