

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081519\
 Data File : VW011922.D
 Acq On : 15 Aug 2019 11:24
 Operator : SY/VA
 Sample : K4357-03MSD
 Misc : 3.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GANJ6MSD

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 9:13:08 AM

Quant Time: Aug 16 07:14:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 06:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217454	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64076	25.00	ug/L	0.00

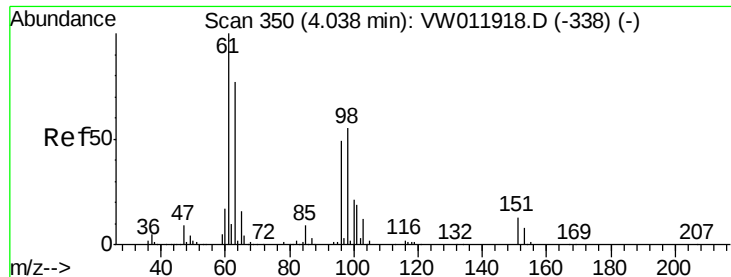
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68959	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.16%
7) Chloroethane-d5	2.89	69	58744	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
10) 1,1-Dichloroethene-d2	4.03	63	175153	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.52%
20) 2-Butanone-d5	7.08	46	95551	52.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.88%
24) Chloroform-d	7.65	84	166033m	21.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.16%
26) 1,2-Dichloroethane-d4	8.31	65	110138	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	8.27	84	316400	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	9.27	67	112797	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.32	98	243581	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.28%
38) trans-1,3-Dichloropropene-	10.58	79	44076	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.93	63	62319	60.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88423	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	50233	20.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.36%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	87379	21.169 ug/L	91
13) Acetone	4.13	43	58203	29.824 ug/L	97
15) Methyl Acetate	4.67	43	16135	5.057 ug/L #	88
21) 2-Butanone	7.18	43	9878	4.037 ug/L	98
34) Benzene	8.32	78	397932	26.114 ug/L	100
35) Trichloroethene	9.09	95	92132	23.815 ug/L	99
44) Toluene	10.39	91	381632	24.650 ug/L	100
52) Chlorobenzene	11.66	112	194466	20.819 ug/L	98

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



#12

1,1-Dichloroethene

Concen: 21.169 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW011922.D

Acq: 15 Aug 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

GANJ6MSD

Tot Ion: 96 Resp: 87379

Ion Ratio Lower Upper

96 100

61 205.5 135.0 250.8

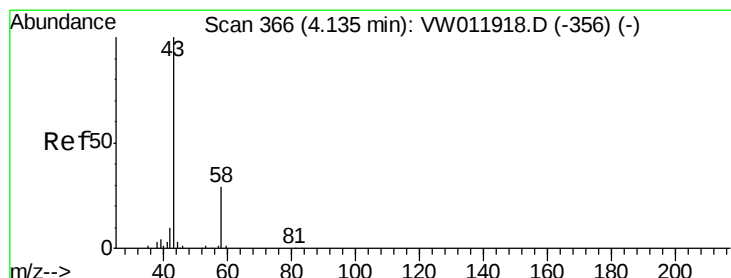
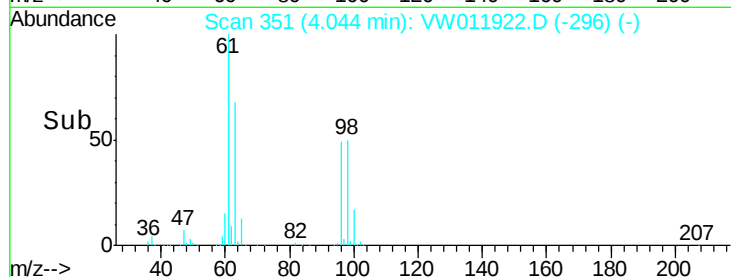
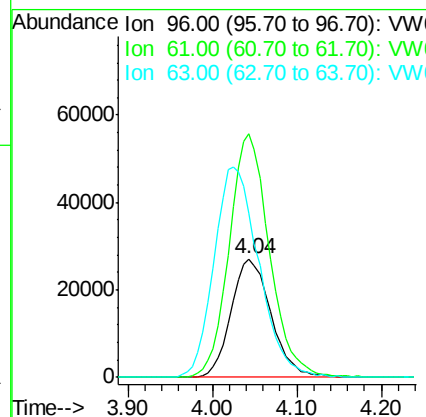
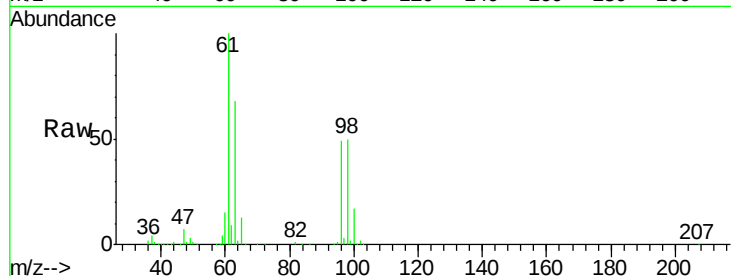
63 139.2 89.2 165.8

Manual Integrations

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#13

Acetone

Concen: 29.824 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW011922.D

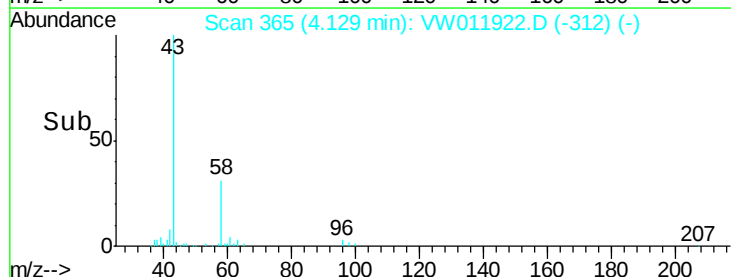
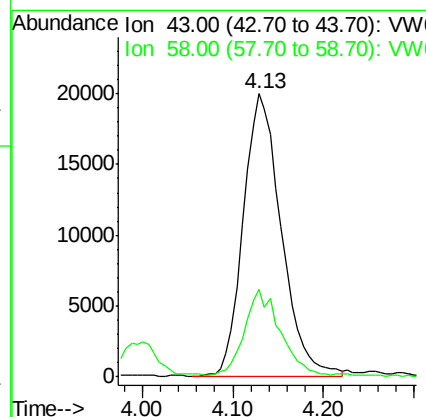
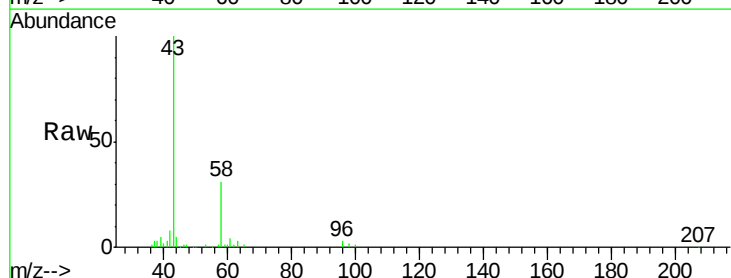
Acq: 15 Aug 2019 11:24

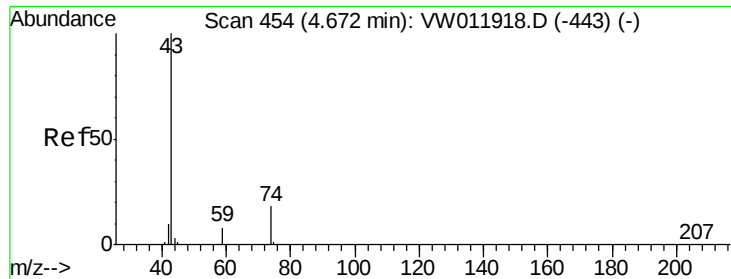
Tgt Ion: 43 Resp: 58203

Ion Ratio Lower Upper

43 100

58 28.3 0.0 53.4





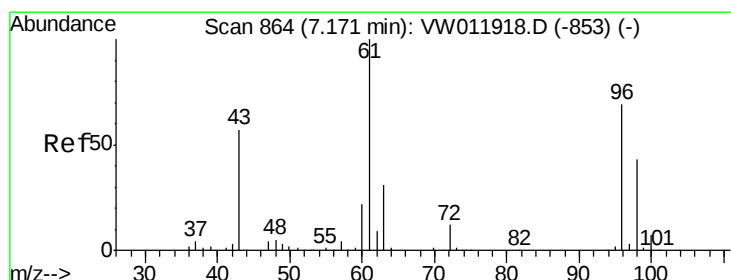
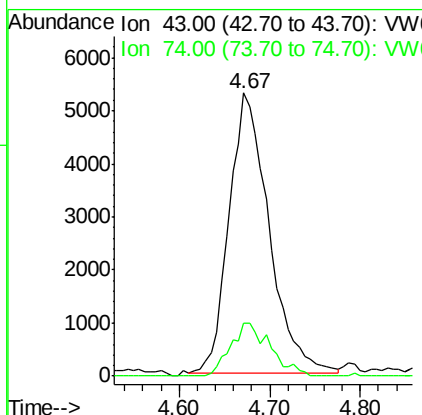
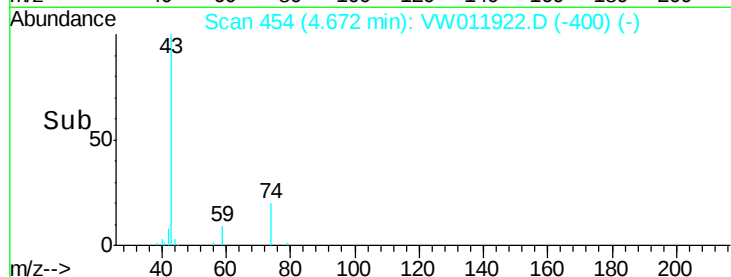
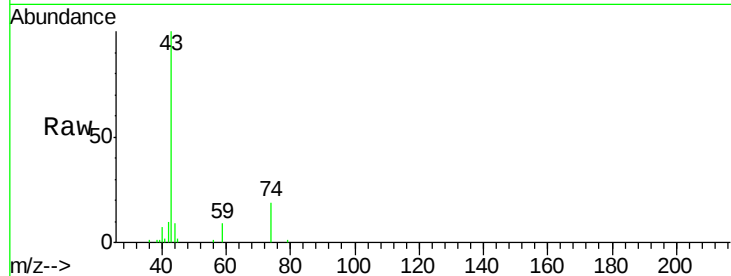
#15
Methvl Acetate
Concen: 5.057 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW011922.D
Acq: 15 Aug 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
GANJ6MSD

Tot Ion: 43 Resp: 16135
Ion Ratio Lower Upper
43 100
74 13.2 15.0 22.4#

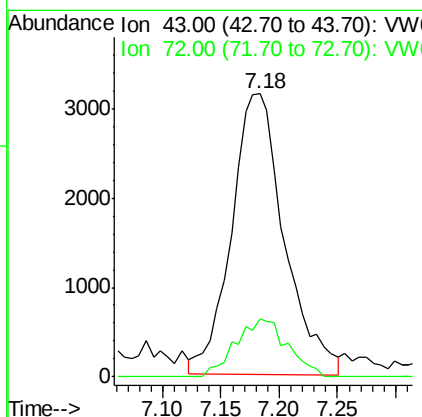
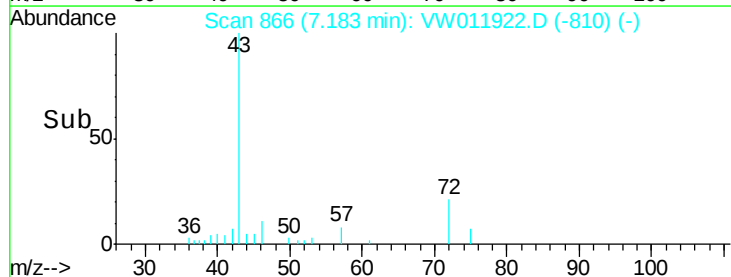
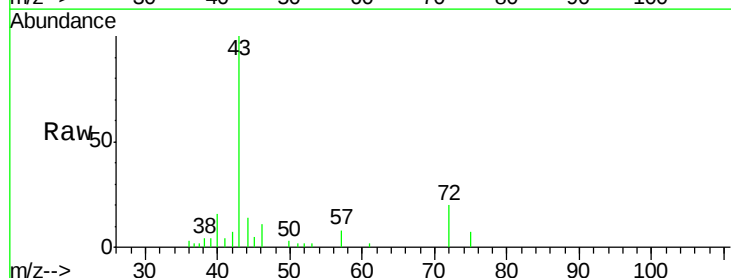
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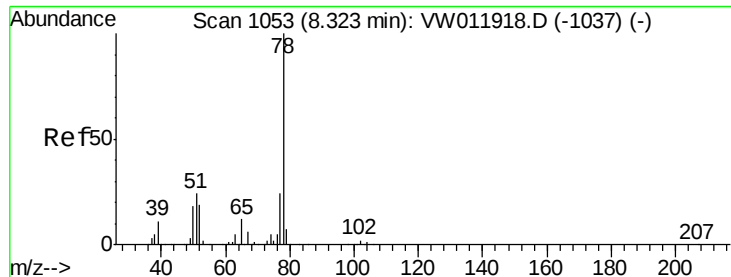
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#21
2-Butanone
Concen: 4.037 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011922.D
Acq: 15 Aug 2019 11:24

Tgt Ion: 43 Resp: 9878
Ion Ratio Lower Upper
43 100
72 20.3 10.7 32.1





#34

Benzene

Concen: 26.114 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011922.D

Acq: 15 Aug 2019 11:24

Instrument :

MSVOA_W

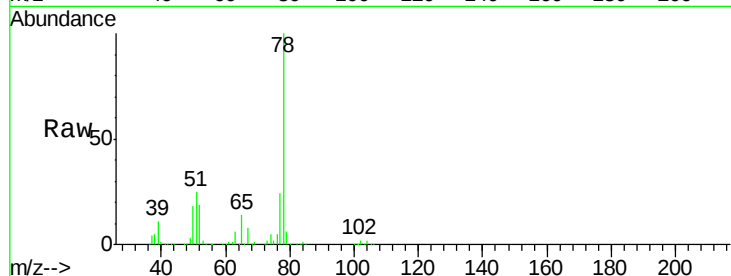
ClientSampleId :

GANJ6MSD

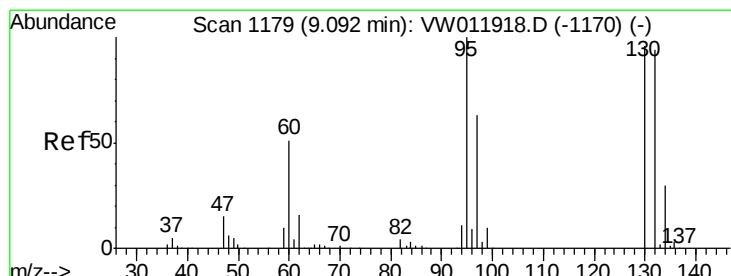
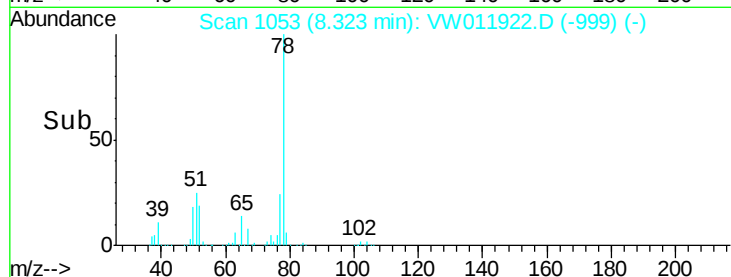
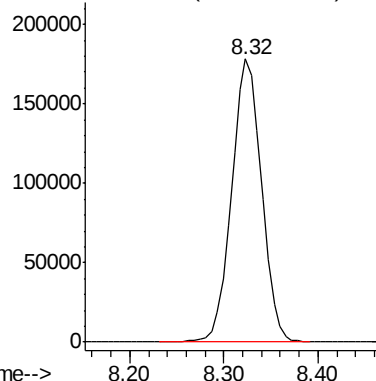
Tgt Ion: 78 Resp: 397932

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.815 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011922.D

Acq: 15 Aug 2019 11:24

Tgt Ion: 95 Resp: 92132

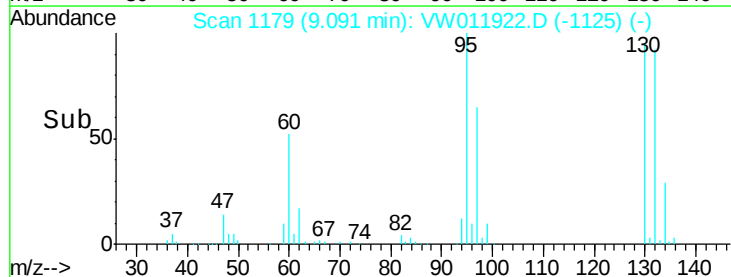
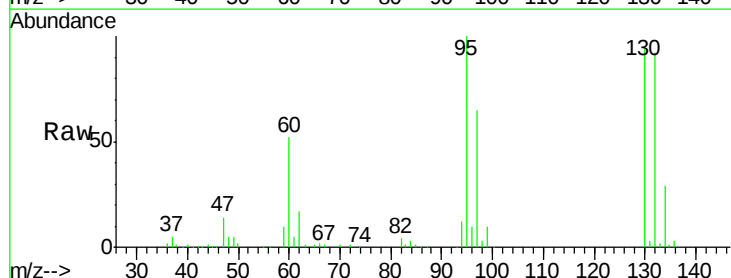
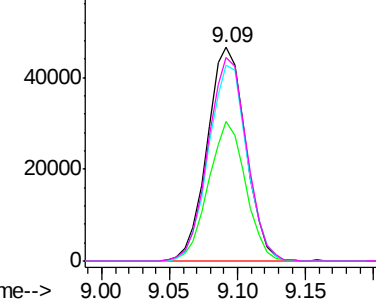
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.8	83.2
132	91.8	65.0	120.6
130	95.8	68.0	126.4

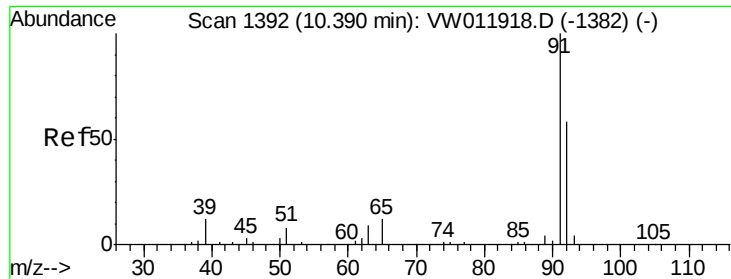
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.650 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011922.D

Acq: 15 Aug 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

GANJ6MSD

Tot Ion: 91 Resp: 381632

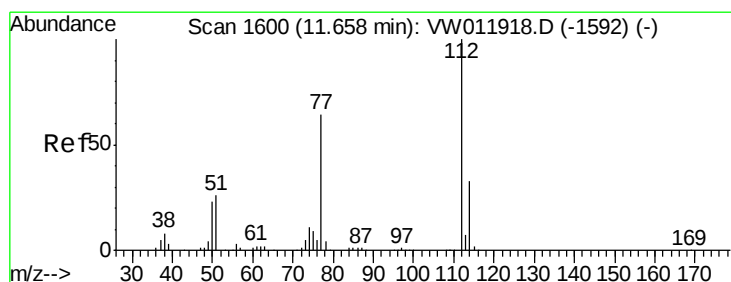
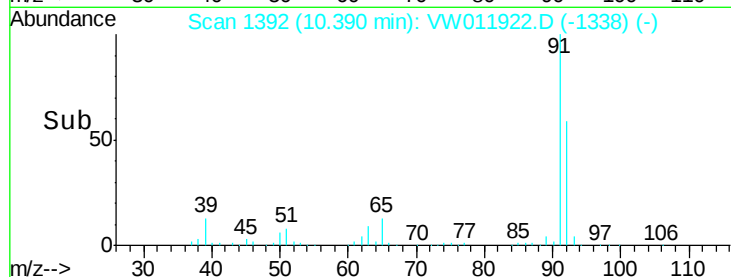
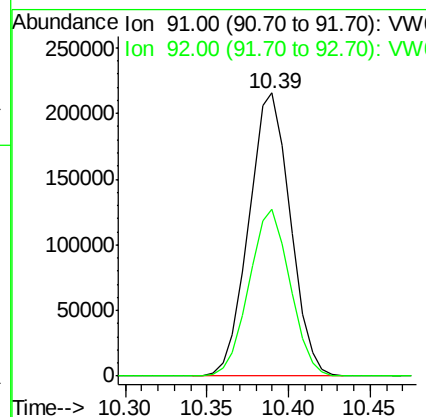
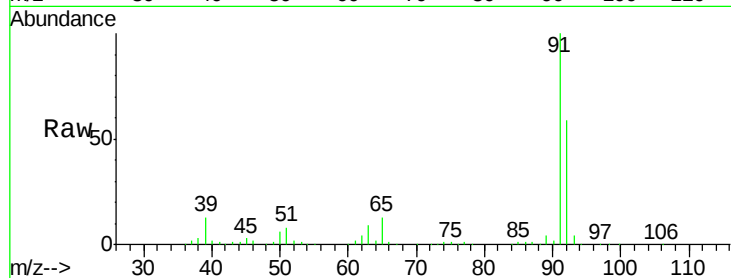
Ion Ratio Lower Upper

91 100

92 58.8 40.9 76.0

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#52

Chlorobenzene

Concen: 20.819 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011922.D

Acq: 15 Aug 2019 11:24

Tgt Ion: 112 Resp: 194466

Ion Ratio Lower Upper

112 100

77 65.4 51.0 76.4

114 32.7 22.4 41.6

