

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014037.D
 Acq On : 15 Nov 2019 13:35
 Operator : SY/VA
 Sample : K5811-07MS
 Misc : 3.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP4MS

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 11:36:53 AM

Quant Time: Nov 16 04:28:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347303	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	162671	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108920	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
7) Chloroethane-d5	2.88	69	97645	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	4.02	63	245102	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.20%
20) 2-Butanone-d5	7.07	46	76688	47.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.28%
24) Chloroform-d	7.65	84	259135	24.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	8.30	65	137475	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.44%
29) Benzene-d6	8.27	84	547250	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.27	67	165263	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	500378	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloropropene-	10.58	79	66974	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.12%
39) 2-Hexanone-d5	10.92	63	58989	45.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123339	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	154928	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.04	96	127568	21.758 ug/L	92
13) Acetone	4.12	43	5428m	3.314 ug/L	
34) Benzene	8.32	78	576762	24.072 ug/L	100
35) Trichloroethene	9.09	95	147958	23.150 ug/L	100
44) Toluene	10.38	91	623269	23.859 ug/L	99
52) Chlorobenzene	11.65	112	382349	23.347 ug/L	95

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

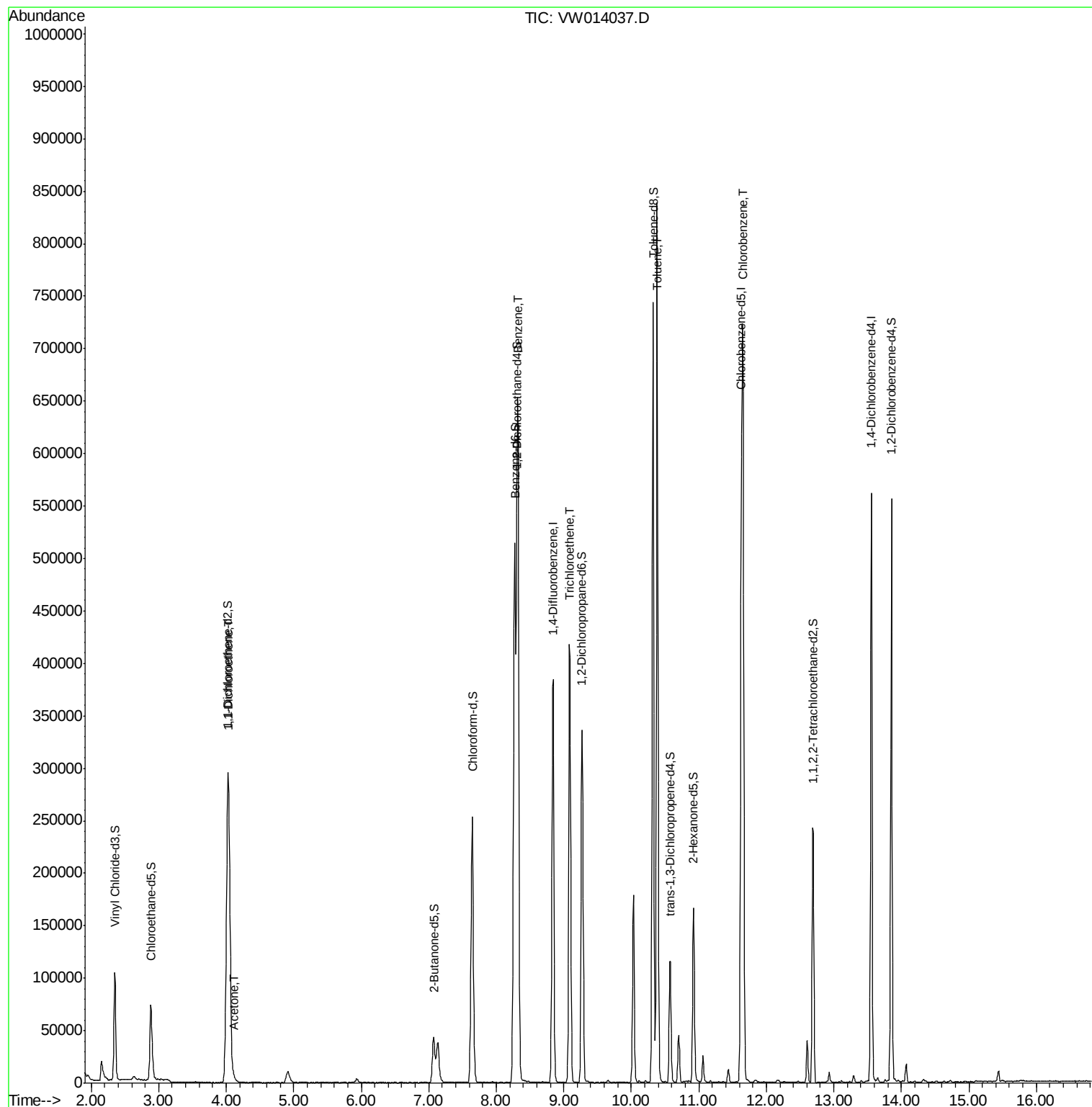
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111519\
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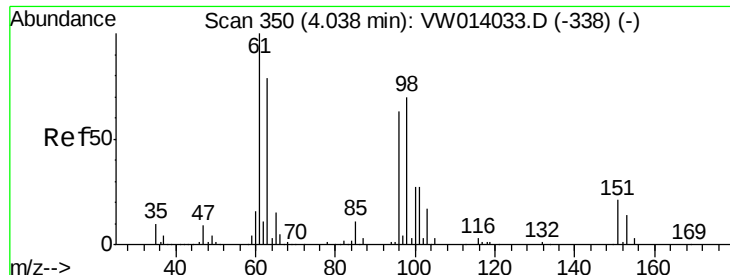
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Nov 16 04:28:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





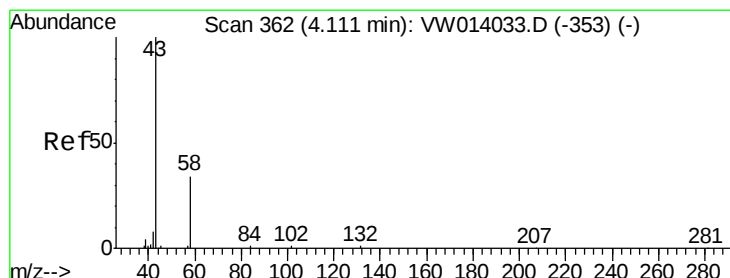
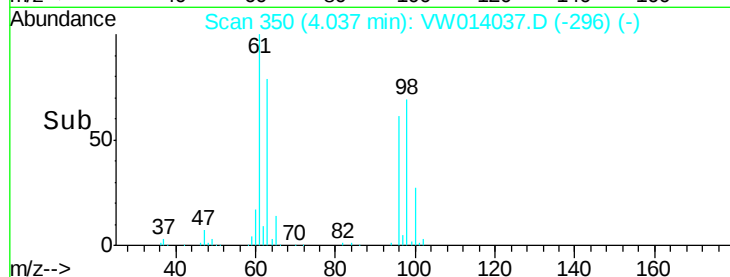
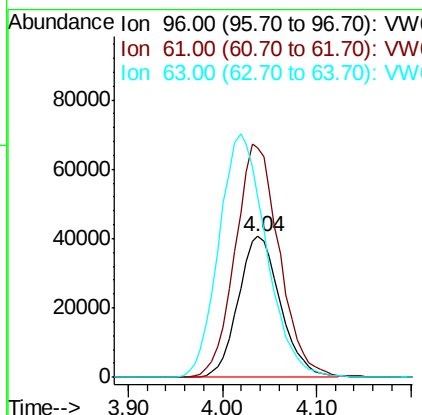
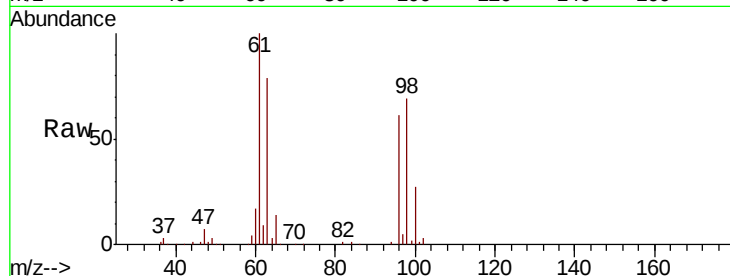
#12
 1,1-Dichloroethene
 Concen: 21.758 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014037.D
 Acq: 15 Nov 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP4MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.9	109.8	204.0
63	128.6	80.7	149.9

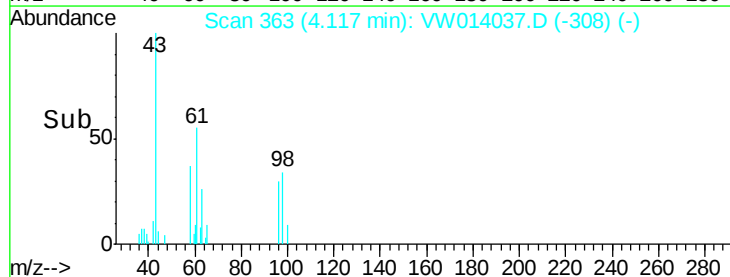
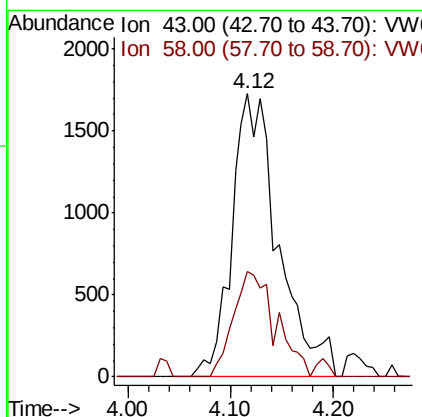
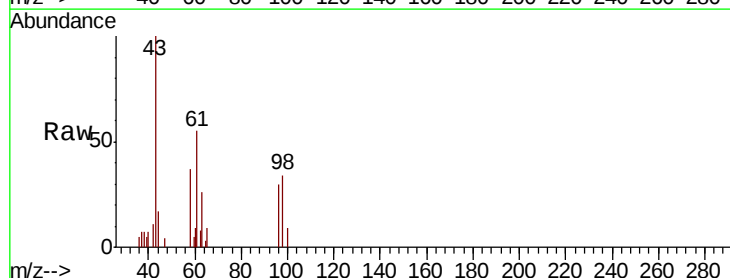
Manual Integrations
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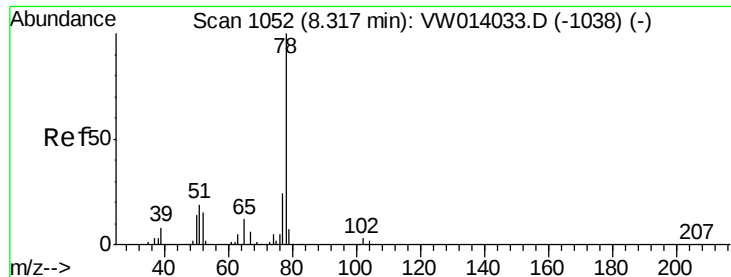
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#13
 Acetone
 Concen: 3.314 ug/L m
 RT: 4.12 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VW014037.D
 Acq: 15 Nov 2019 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	21.9	0.0	65.4





#34

Benzene

Concen: 24.072 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014037.D

Acq: 15 Nov 2019 13:35

Instrument :

MSVOA_W

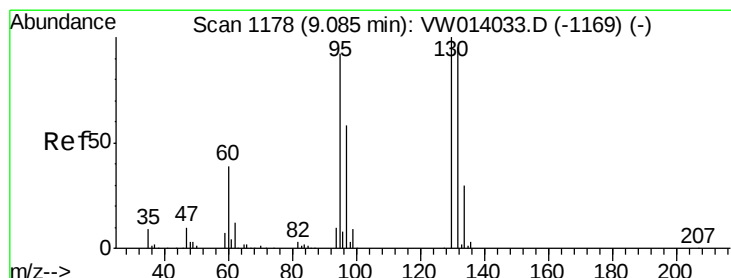
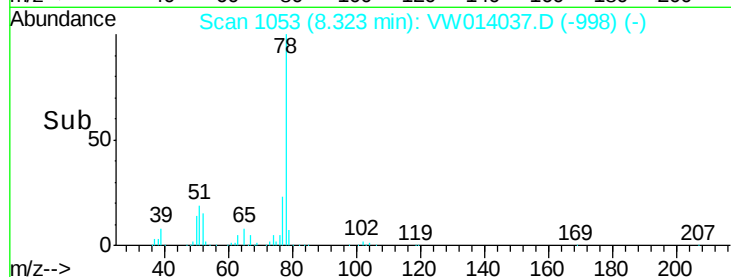
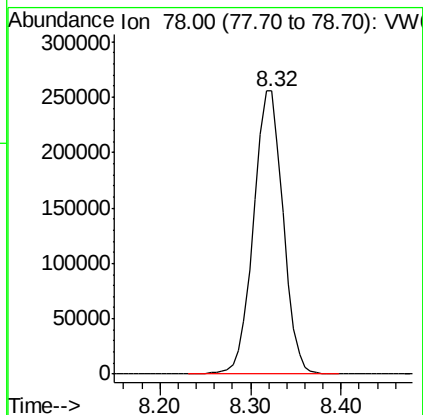
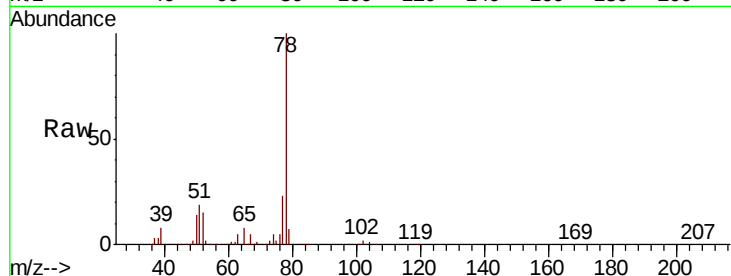
ClientSampleId :

ETOP4MS

Tgt Ion: 78 Resp: 576762

Manual Integrations
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#35

Trichloroethene

Concen: 23.150 ug/L

RT: 9.09 min Scan# 1179

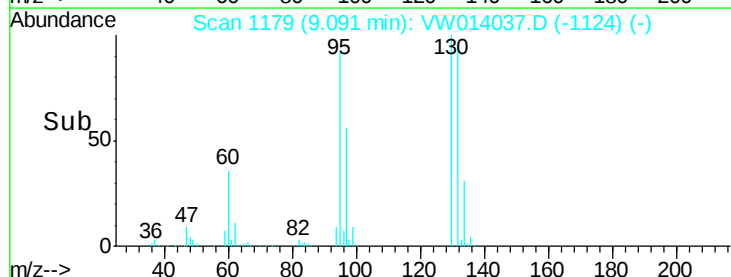
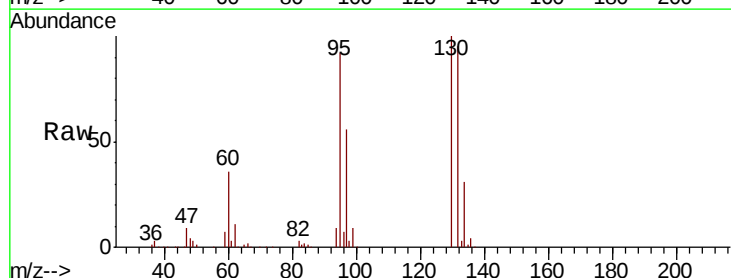
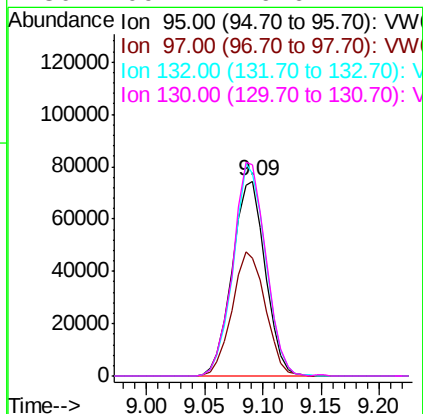
Delta R.T. 0.01 min

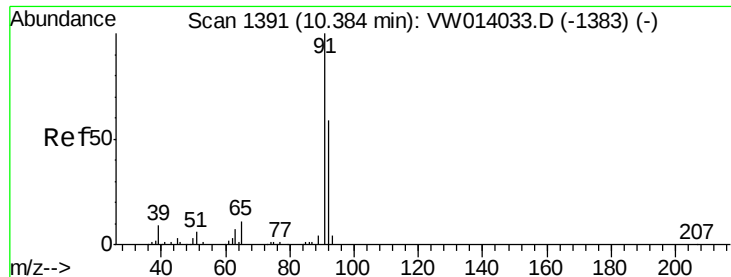
Lab File: VW014037.D

Acq: 15 Nov 2019 13:35

Tgt Ion: 95 Resp: 147958

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.1	83.9
132	105.9	73.7	136.9
130	109.1	76.6	142.2





#44

Toluene

Concen: 23.859 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014037.D

Acq: 15 Nov 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

ETOP4MS

Tot Ion: 91 Resp: 623269

Ion Ratio Lower Upper

91 100

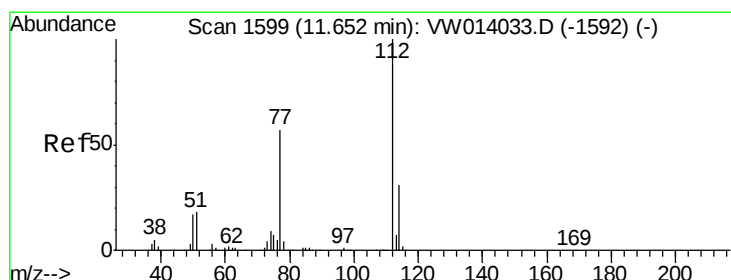
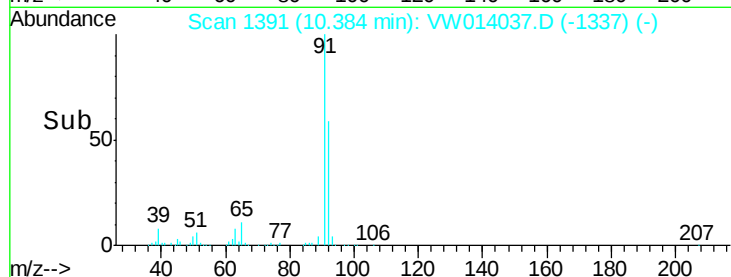
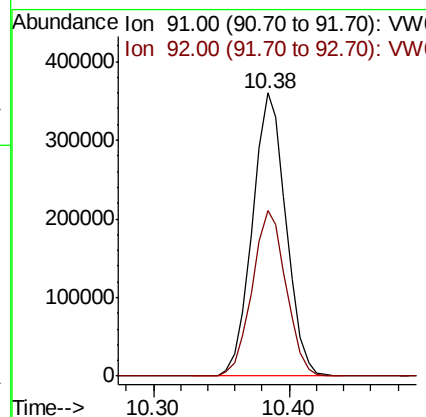
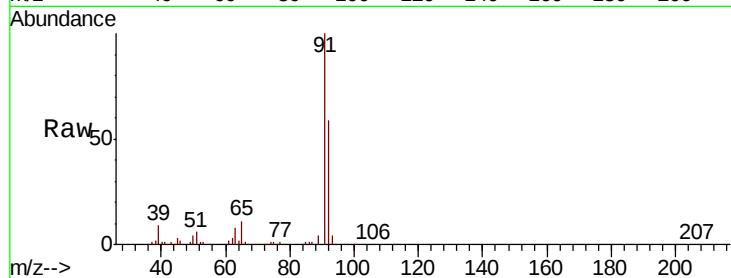
92 58.6 40.7 75.7

Manual Integrations

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#52

Chlorobenzene

Concen: 23.347 ug/L

RT: 11.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VW014037.D

Acq: 15 Nov 2019 13:35

Tgt Ion: 112 Resp: 382349

Ion Ratio Lower Upper

112 100

77 58.0 42.2 63.4

114 31.0 22.5 41.9

