

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011578.D
 Acq On : 30 Jul 2019 16:19
 Operator : SY/VA
 Sample : K4070-12MS
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB9E3MS

Manual Integrations
 APPROVED

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 8/1/2019 5:46:21 PM

Quant Time: Jul 31 08:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385436	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139048	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.48%
7) Chloroethane-d5	2.89	69	102596	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
10) 1,1-Dichloroethene-d2	4.02	63	310375	24.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.80%
20) 2-Butanone-d5	7.07	46	100217	41.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.02%
24) Chloroform-d	7.65	84	271028	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	8.31	65	162128	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.52%
29) Benzene-d6	8.27	84	574317	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	9.27	67	184665	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.32	98	497645	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.04%
38) trans-1,3-Dichloropropene-	10.58	79	72880	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.44%
39) 2-Hexanone-d5	10.93	63	67402	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130259	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	153489	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	4.04	96	118604m	21.425	ug/L	
13) Acetone	4.12	43	6891	2.633	ug/L	99
34) Benzene	8.32	78	537473	22.807	ug/L	100
35) Trichloroethene	9.09	95	143699	24.019	ug/L	100
44) Toluene	10.39	91	554838	23.174	ug/L	100
52) Chlorobenzene	11.66	112	325711	22.548	ug/L	99

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

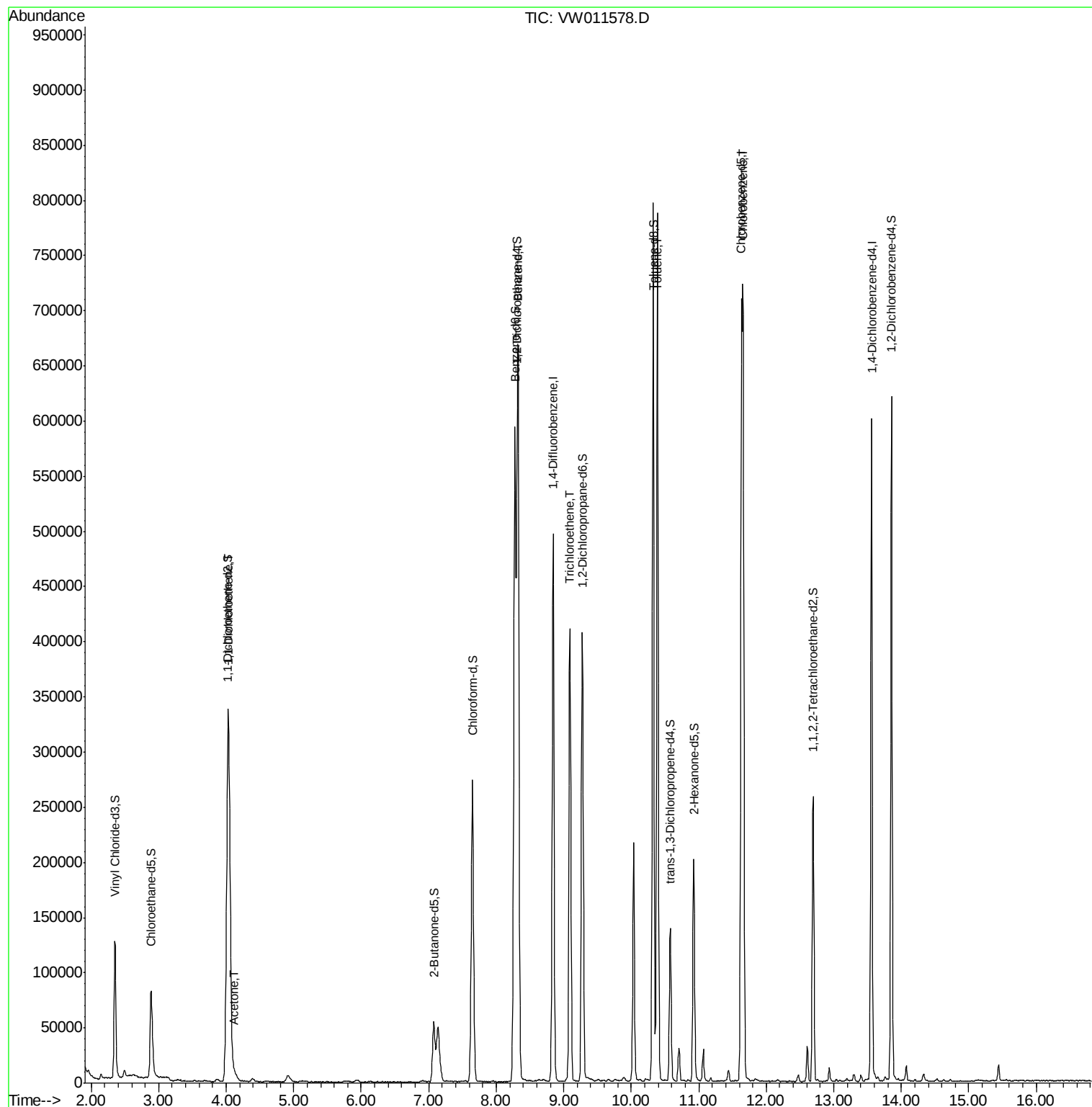
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073019\
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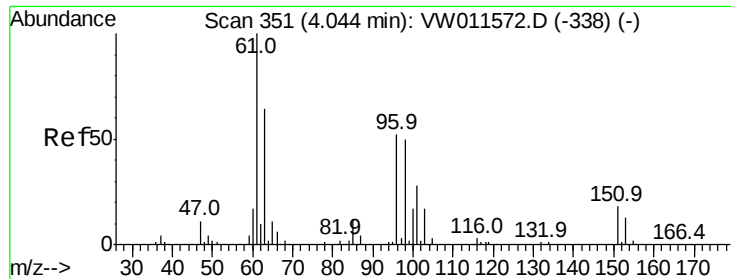
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
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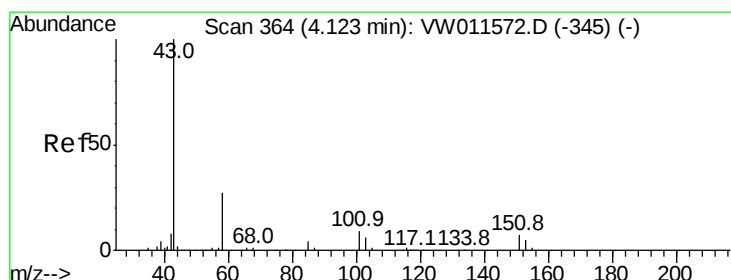
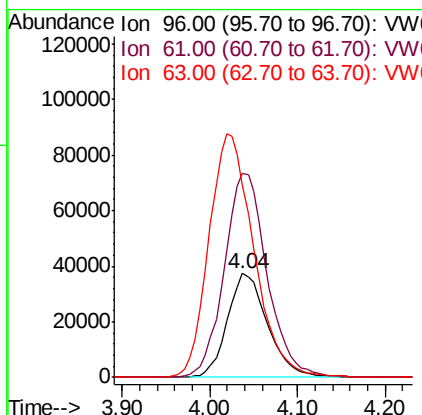
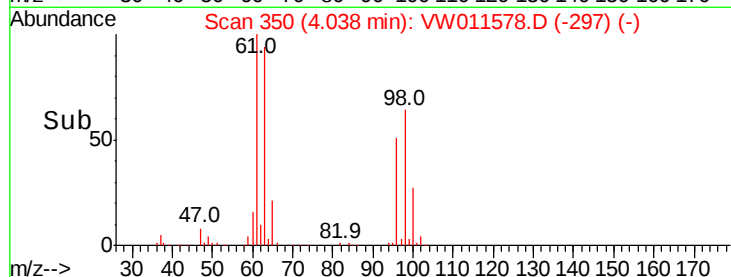
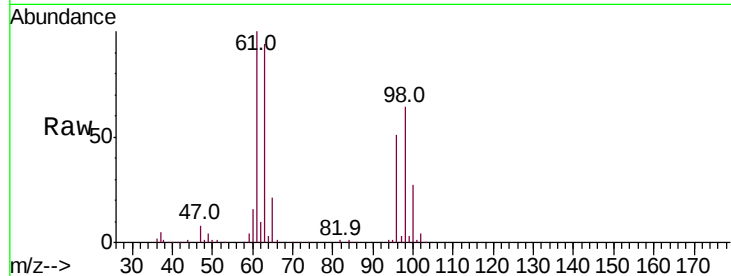
#12
 1,1-Dichloroethene
 Concen: 21.425 ug/L m
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW011578.D
 Acq: 30 Jul 2019 16:19

Instrument :
 MSVOA_W
 ClientSampleId :
 DB9E3MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	196.5	135.0	250.8
63	184.9	89.2	165.8

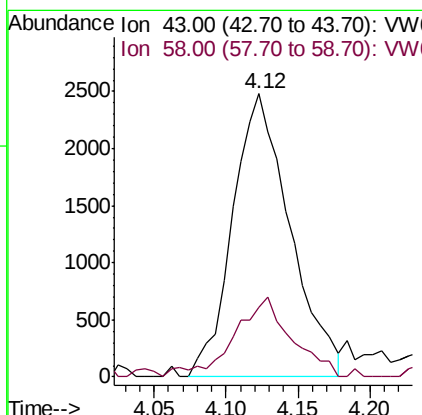
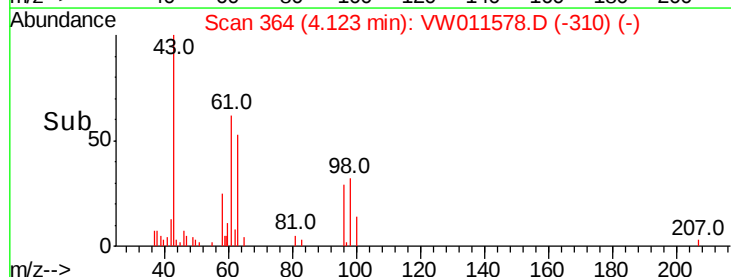
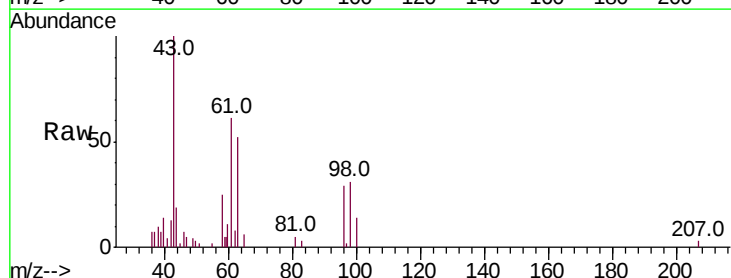
Manual Integrations
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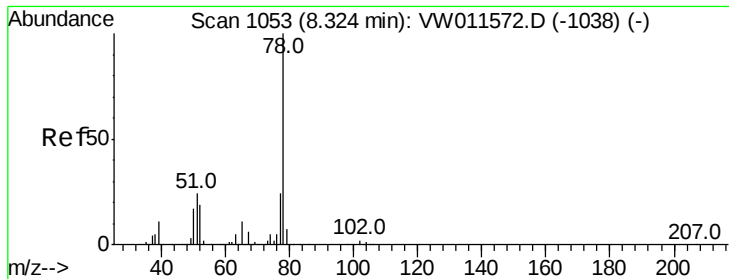
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#13
 Acetone
 Concen: 2.633 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW011578.D
 Acq: 30 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	53.4





#34

Benzene

Concen: 22.807 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011578.D

Acq: 30 Jul 2019 16:19

Instrument :

MSVOA_W

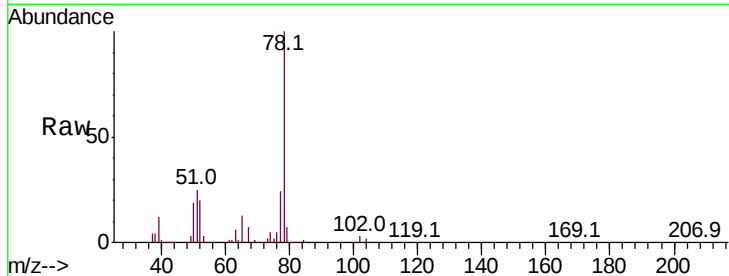
ClientSampleId :

DB9E3MS

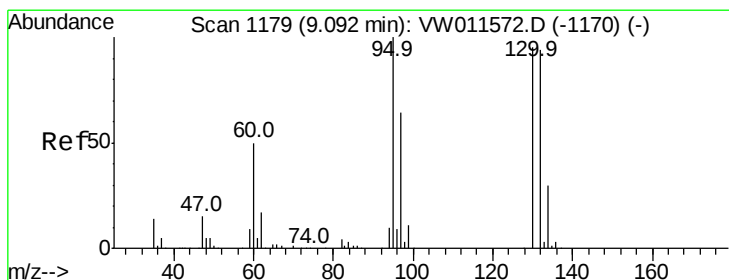
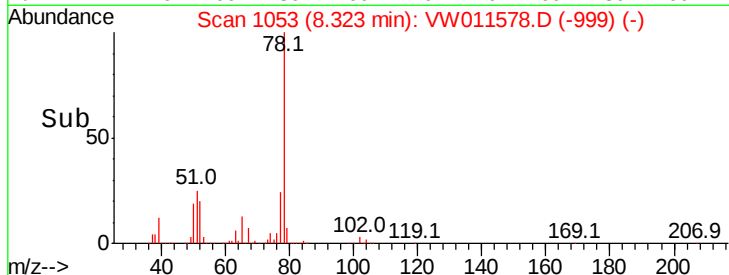
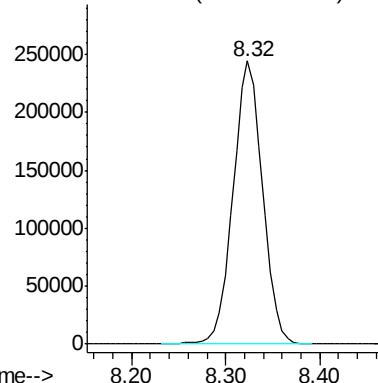
Tgt Ion: 78 Resp: 537473

Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.019 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011578.D

Acq: 30 Jul 2019 16:19

Tgt Ion: 95 Resp: 143699

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.8	83.2
132	93.3	65.0	120.6
130	96.9	68.0	126.4

95 100

97 63.9 44.8 83.2

132 93.3 65.0 120.6

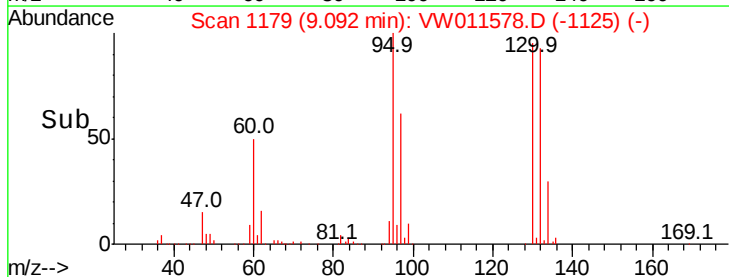
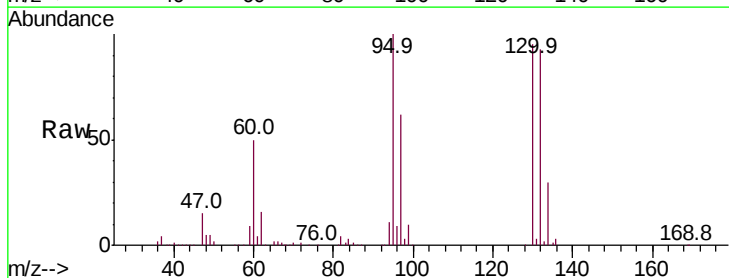
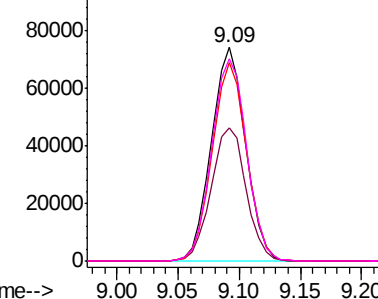
130 96.9 68.0 126.4

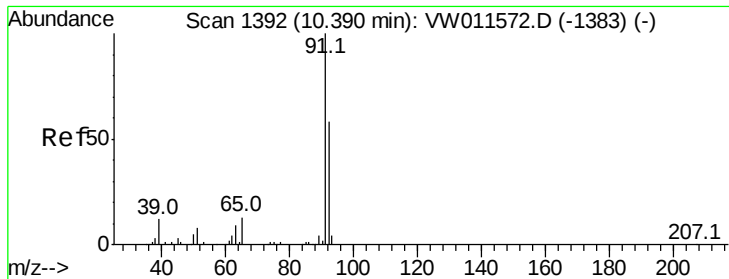
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.174 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011578.D

Acq: 30 Jul 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

DB9E3MS

Tot Ion: 91 Resp: 554838

Ion Ratio Lower Upper

91 100

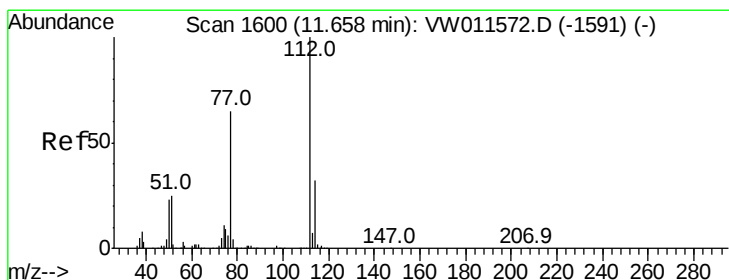
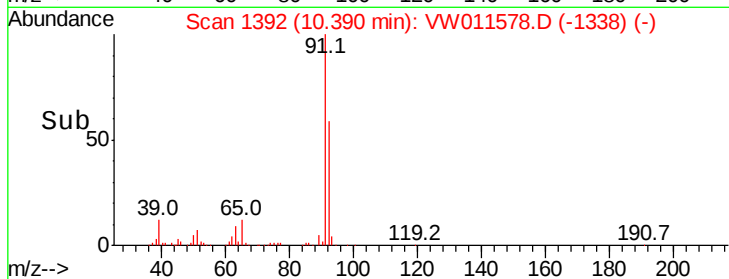
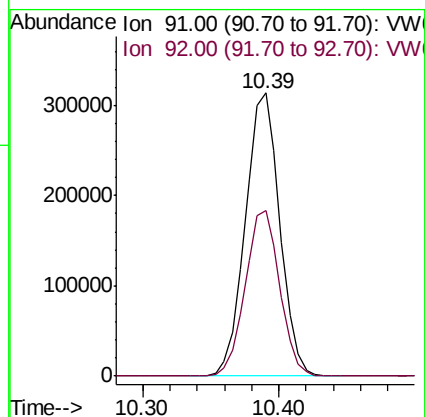
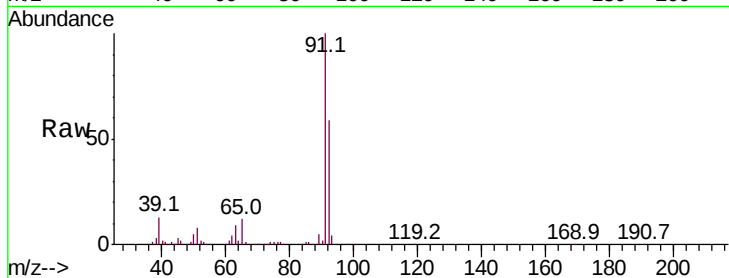
92 58.7 40.9 76.0

Manual Integrations

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#52

Chlorobenzene

Concen: 22.548 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011578.D

Acq: 30 Jul 2019 16:19

Tgt Ion: 112 Resp: 325711

Ion Ratio Lower Upper

112 100

77 63.5 51.0 76.4

114 31.2 22.4 41.6

