

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011258.D
 Acq On : 15 Jul 2019 13:54
 Operator : SY/VA
 Sample : K3760-16MSD
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z4MSD

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:35 AM

Quant Time: Jul 16 05:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	258703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	174308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48584	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	74281	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.89	69	58988	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
10) 1,1-Dichloroethene-d2	4.03	63	184453	22.05	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.20%
20) 2-Butanone-d5	7.07	46	52408	33.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.36%
24) Chloroform-d	7.65	84	161361	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	89122	20.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.64%
29) Benzene-d6	8.27	84	317494	29.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.28%
33) 1,2-Dichloropropane-d6	9.27	67	109286	31.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.00%#
37) Toluene-d8	10.32	98	246696	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloropropene-	10.58	79	25809	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.44%
39) 2-Hexanone-d5	10.93	63	24083	30.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60539	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	42293	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	4.04	96	93887m	27.616	ug/L	
13) Acetone	4.12	43	57924	38.110	ug/L	99
16) Methylene chloride	4.92	84	7104	1.869	ug/L	93
21) 2-Butanone	7.18	43	3262	1.663	ug/L	86
34) Benzene	8.32	78	412626	37.876	ug/L	100
35) Trichloroethene	9.09	95	91022	33.110	ug/L	99
44) Toluene	10.38	91	379238	33.633	ug/L	100
52) Chlorobenzene	11.66	112	179068	25.994	ug/L	99

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

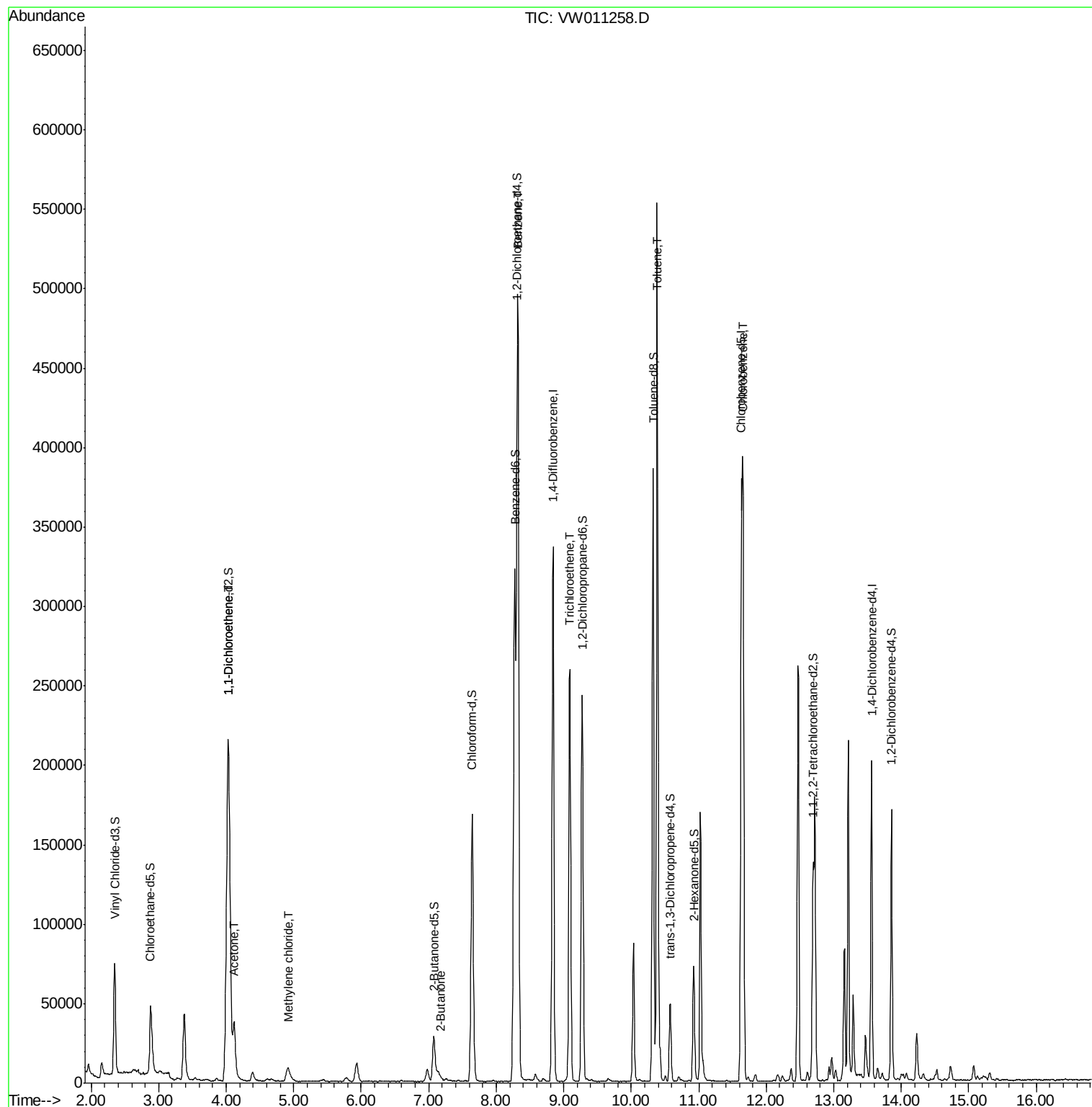
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011258.D
Acq On : 15 Jul 2019 13:54
Operator : SY/VA
Sample : K3760-16MSD
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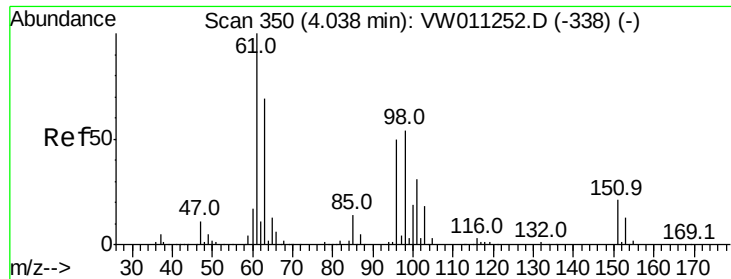
Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MSD

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QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration





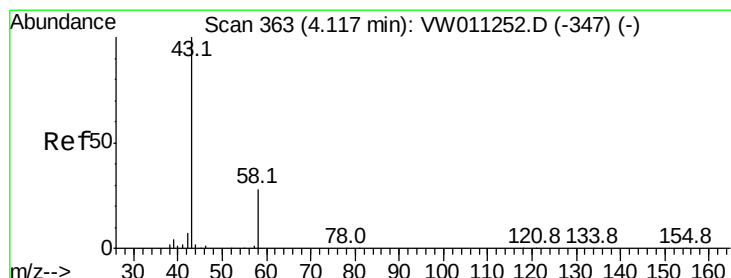
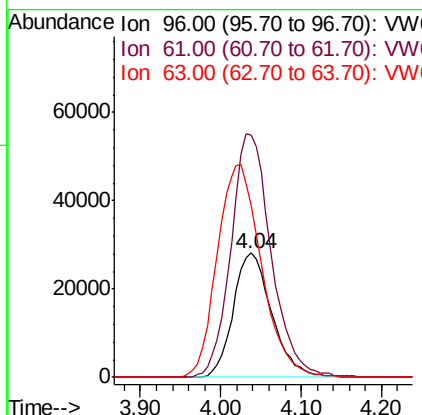
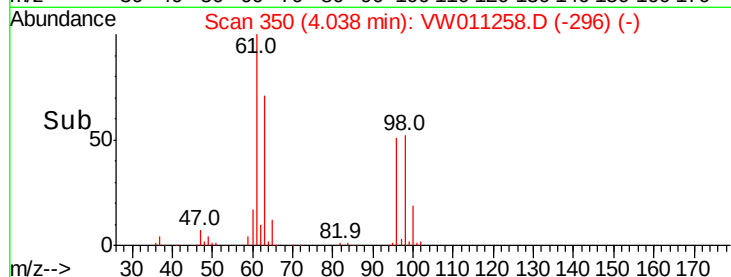
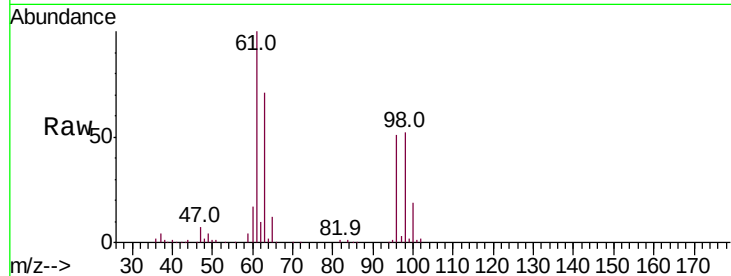
#12
 1,1-Dichloroethene
 Concen: 27.616 ug/L m
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011258.D
 Acq: 15 Jul 2019 13:54

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Z4MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	195.7	142.2	264.0
63	138.3	138.9	257.9#

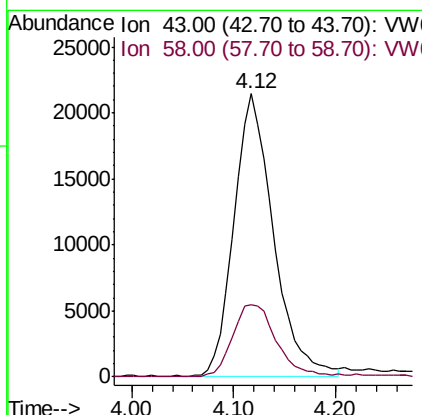
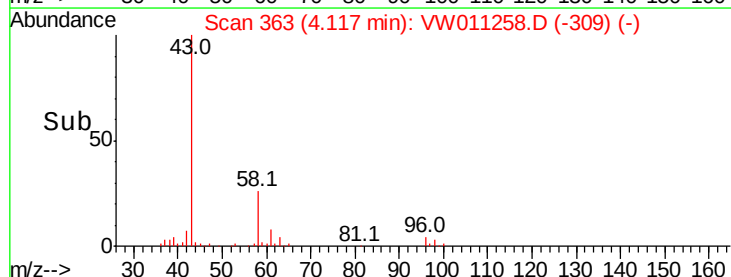
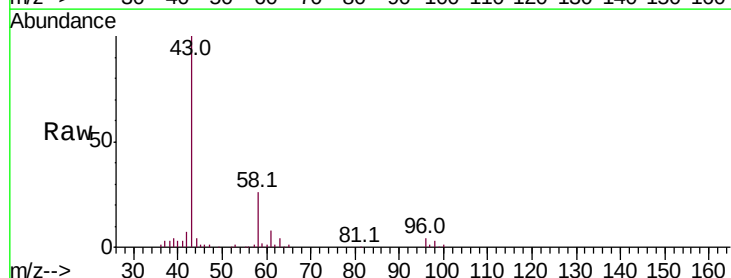
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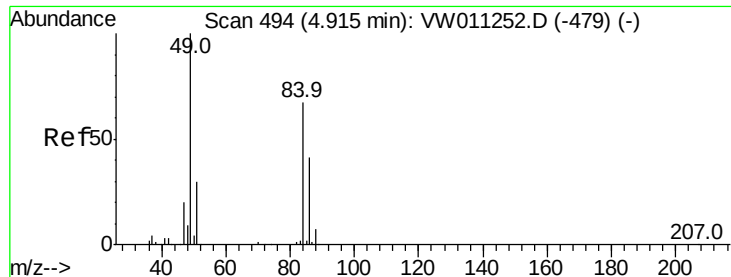
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#13
 Acetone
 Concen: 38.110 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW011258.D
 Acq: 15 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	55.0





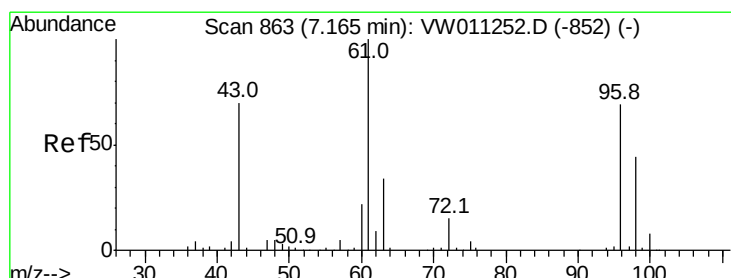
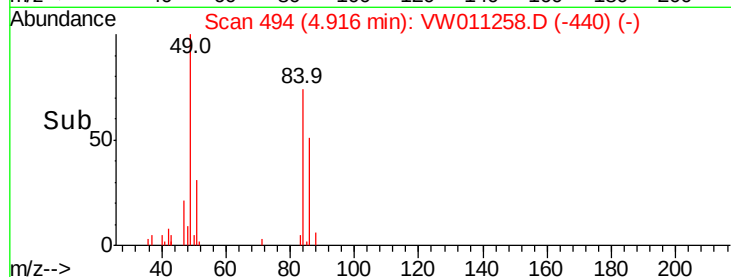
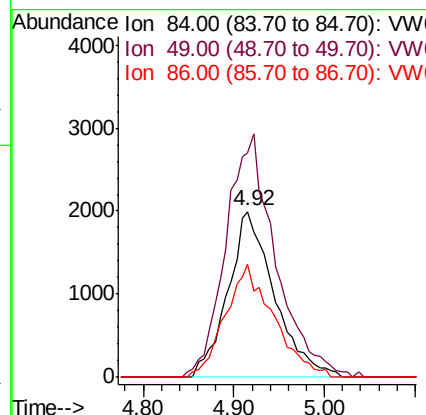
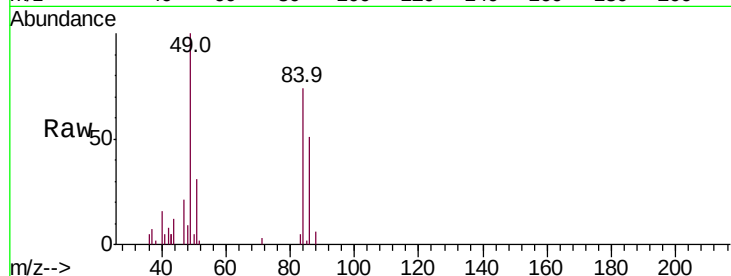
#16
Methylene chloride
Concen: 1.869 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011258.D
Acq: 15 Jul 2019 13:54

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4MSD

Tot Ion	84	Resp	7104
Ion Ratio	100	Lower	Upper
49	135.1	102.5	190.3
86	68.3	46.4	86.2

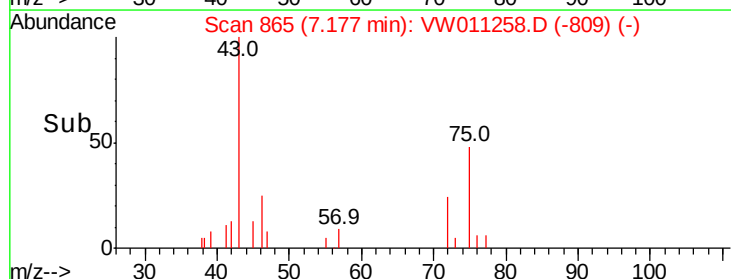
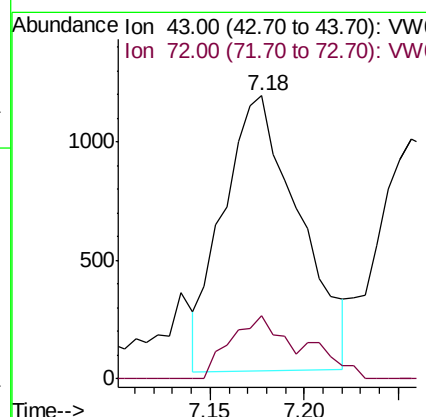
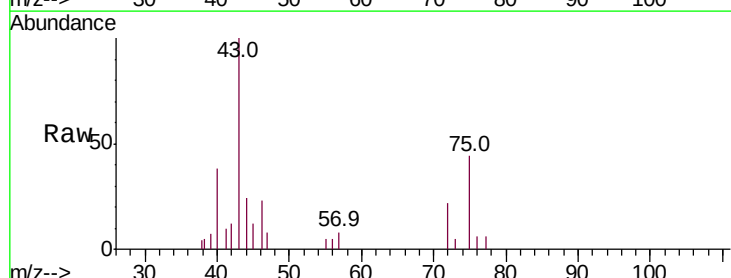
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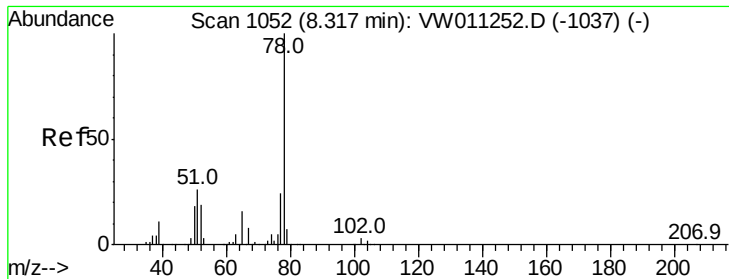
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#21
2-Butanone
Concen: 1.663 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011258.D
Acq: 15 Jul 2019 13:54

Tgt Ion	43	Resp	3262
Ion Ratio	100	Lower	Upper
72	15.8	11.2	33.6





#34

Benzene

Concen: 37.876 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW011258.D

Acq: 15 Jul 2019 13:54

Instrument :

MSVOA_W

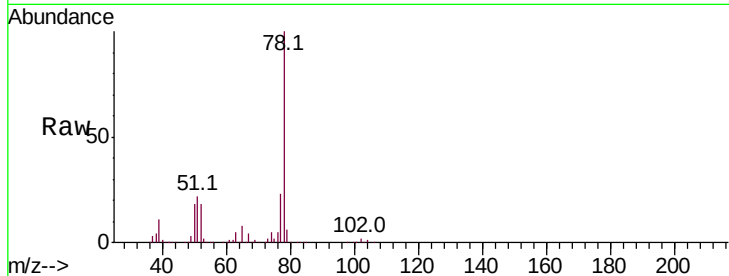
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DB8Z4MSD

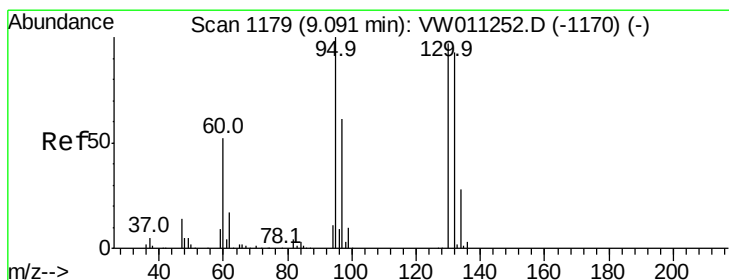
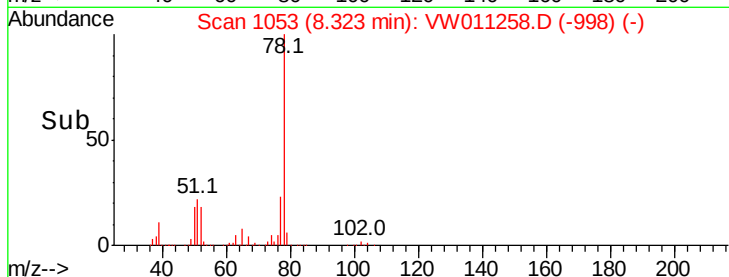
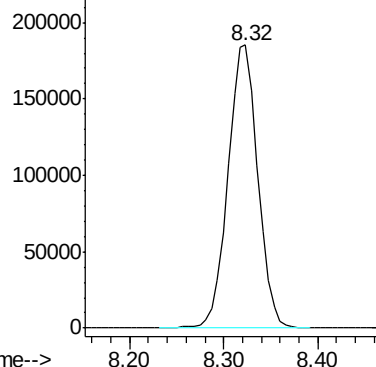
Tgt Ion: 78 Resp: 412626

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 33.110 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011258.D

Acq: 15 Jul 2019 13:54

Tgt Ion: 95 Resp: 91022

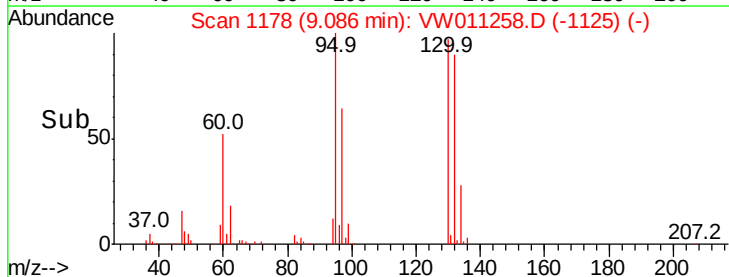
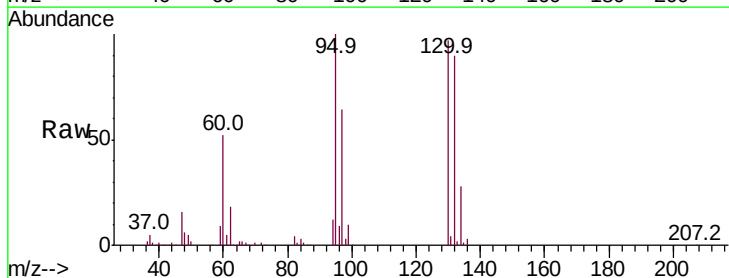
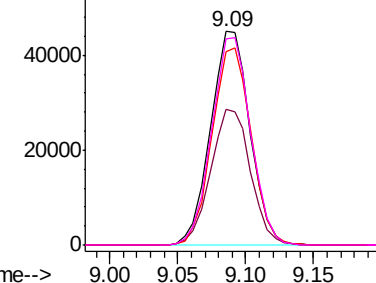
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.4	84.2
132	91.9	65.0	120.8
130	96.4	67.8	126.0

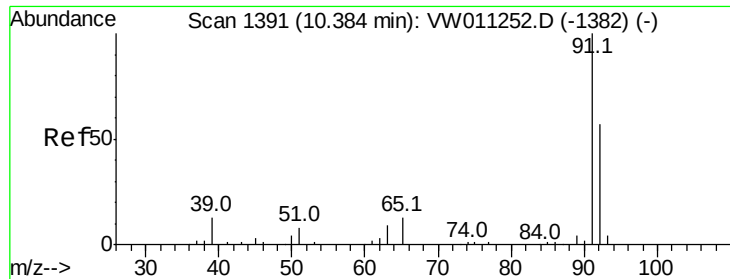
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 33.633 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011258.D

Acq: 15 Jul 2019 13:54

Instrument :

MSVOA_W

ClientSampled :

DB8Z4MSD

Tot Ion: 91 Resp: 379238

Ion Ratio Lower Upper

91 100

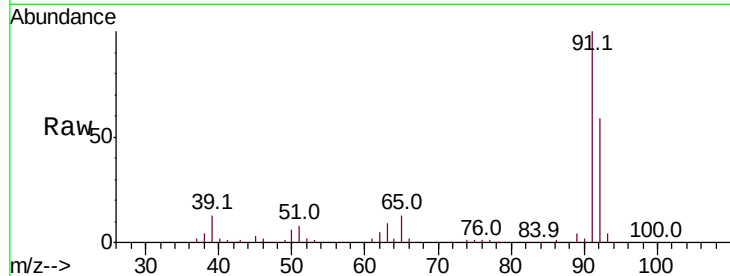
92 58.6 40.8 75.8

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

250000

200000

150000

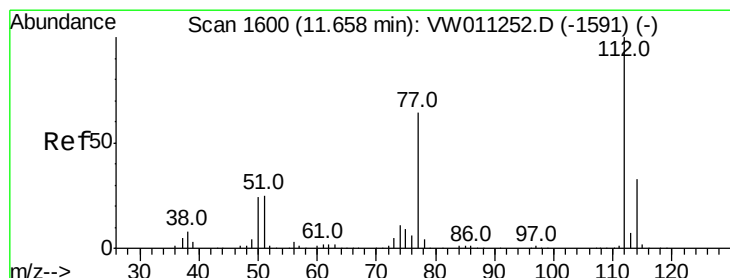
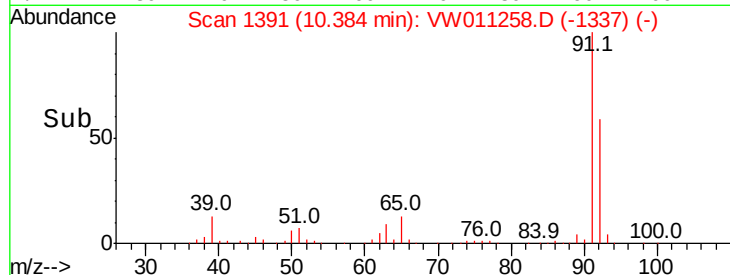
100000

50000

0

10.30 10.35 10.40 10.45

Time-->



#52

Chlorobenzene

Concen: 25.994 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011258.D

Acq: 15 Jul 2019 13:54

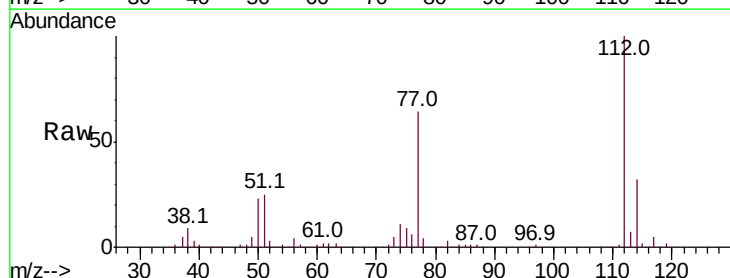
Tgt Ion: 112 Resp: 179068

Ion Ratio Lower Upper

112 100

77 63.7 51.2 76.8

114 32.1 22.0 40.8



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

100000

50000

0

11.60 11.70

Time-->

