

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011118.D
 Acq On : 02 Jul 2019 20:46
 Operator : SY/VA
 Sample : K3599-20MSD
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM27MSD

Manual Integrations
 APPROVED

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 7/3/2019 11:02:49 PM

Quant Time: Jul 03 06:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	283705	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114188	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81489	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
7) Chloroethane-d5	2.88	69	60467	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.02	63	199446	21.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.96%
20) 2-Butanone-d5	7.07	46	78734	46.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.28%
24) Chloroform-d	7.65	84	170574	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	8.30	65	109147	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.27	84	359344	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	120108	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	10.32	98	318349	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	43133	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	48069	41.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89785	21.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	105809	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	90583	24.296	ug/L	# 73
13) Acetone	4.12	43	7995	4.797	ug/L	96
16) Methylene chloride	4.92	84	8690m	2.084	ug/L	
34) Benzene	8.32	78	425544	26.876	ug/L	100
35) Trichloroethene	9.09	95	106572	26.672	ug/L	99
44) Toluene	10.38	91	442444	26.997	ug/L	100
47) Tetrachloroethene	10.87	164	1473	0.488	ug/L	94
52) Chlorobenzene	11.66	112	262440	26.211	ug/L	99

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

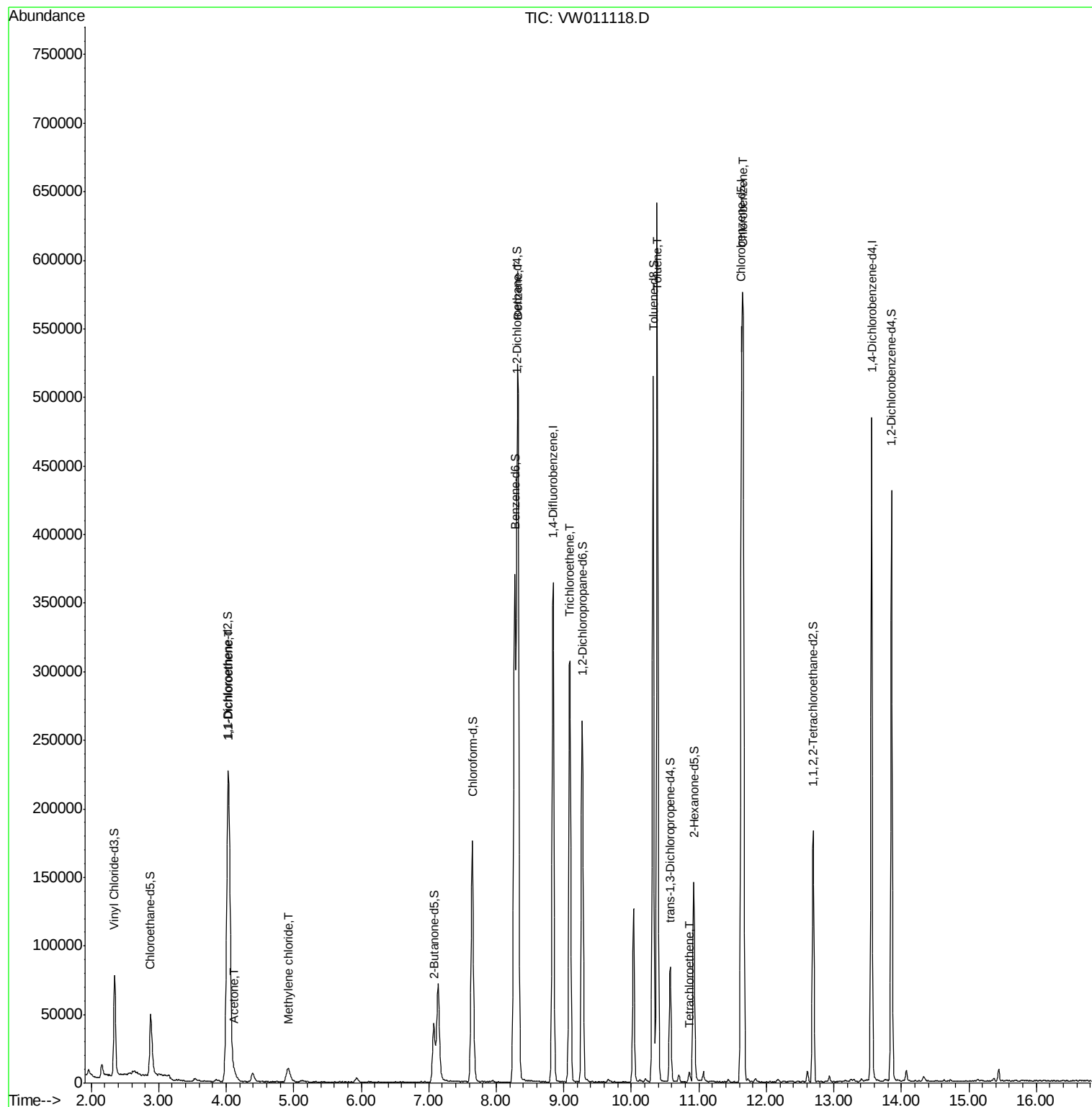
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070219\
Data File : VW011118.D
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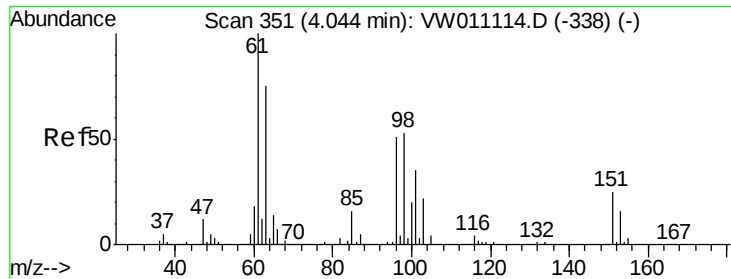
Instrument :
MSVOA_W
ClientSampleId :
GAM27MSD

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Quant Time: Jul 03 06:38:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration





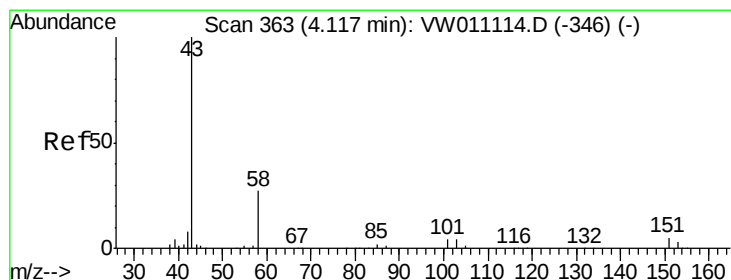
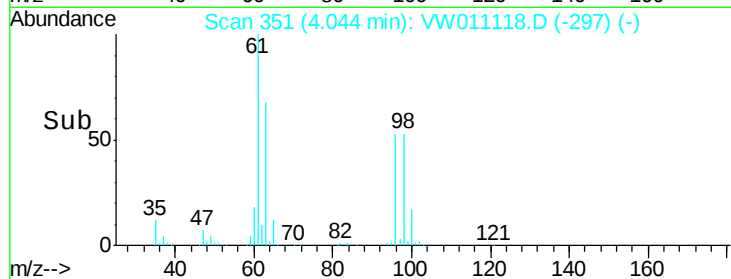
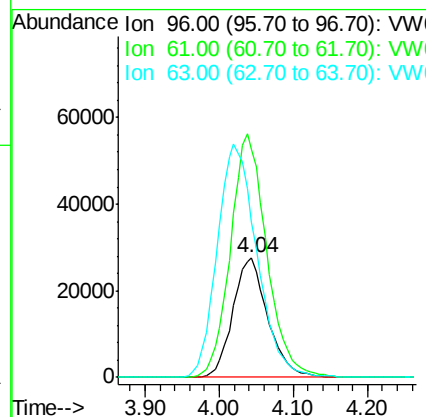
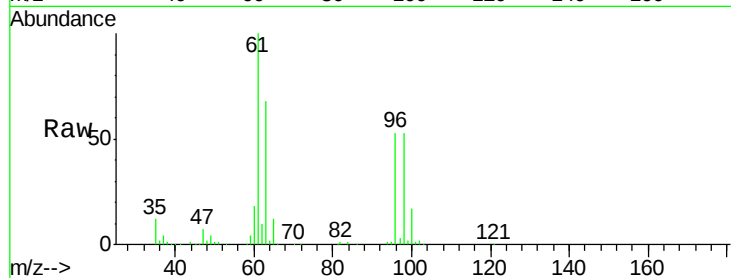
#12
 1,1-Dichloroethene
 Concen: 24.296 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW011118.D
 Acq: 02 Jul 2019 20:46

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM27MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	190.1	142.2	264.0
63	129.6	138.9	257.9#

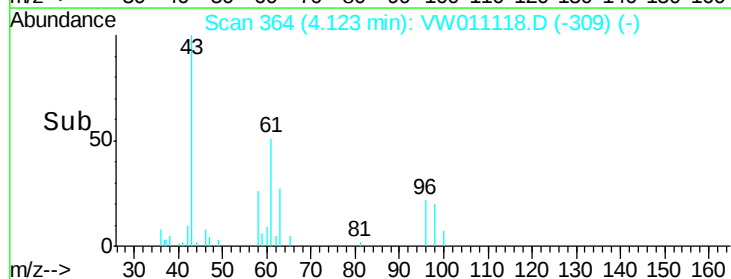
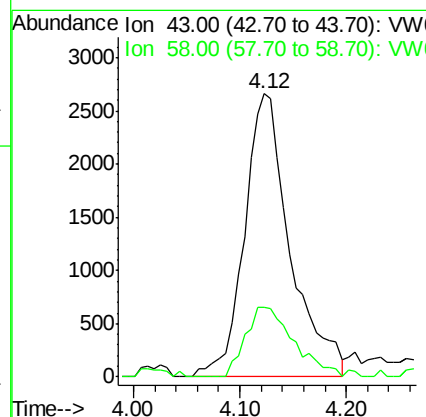
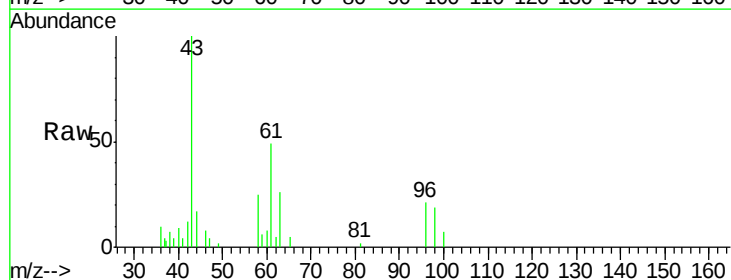
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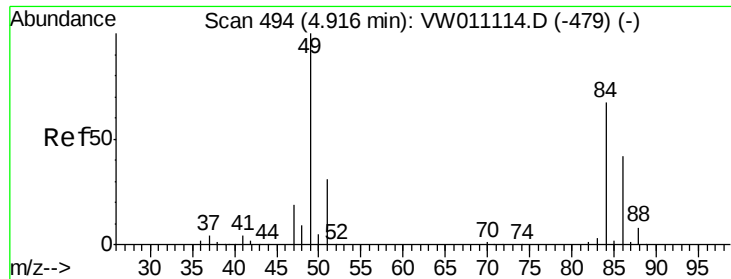
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#13
 Acetone
 Concen: 4.797 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW011118.D
 Acq: 02 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.3	0.0	55.0





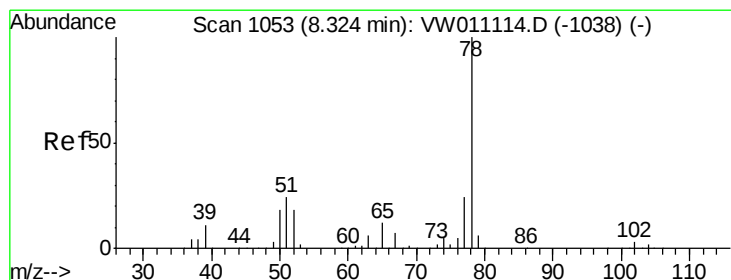
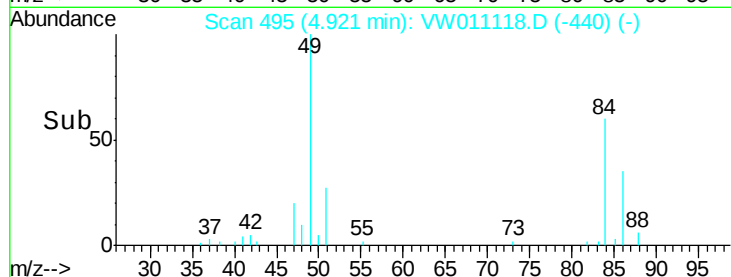
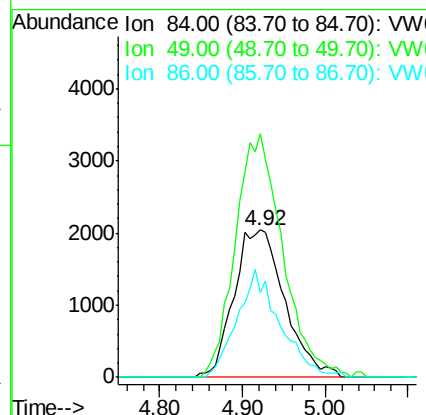
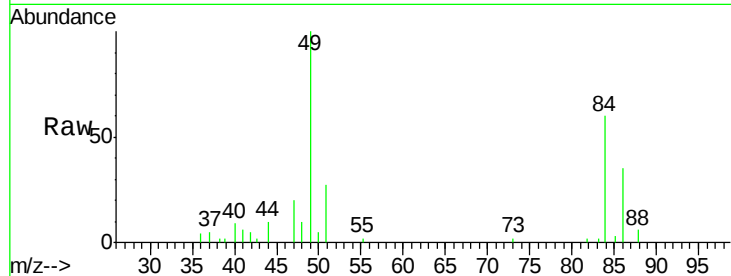
#16
Methvlene chloride
Concen: 2.084 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011118.D
Acq: 02 Jul 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :
GAM27MSD

Tot Ion	Ratio	Lower	Upper
84	100		
49	165.5	102.5	190.3
86	57.6	46.4	86.2

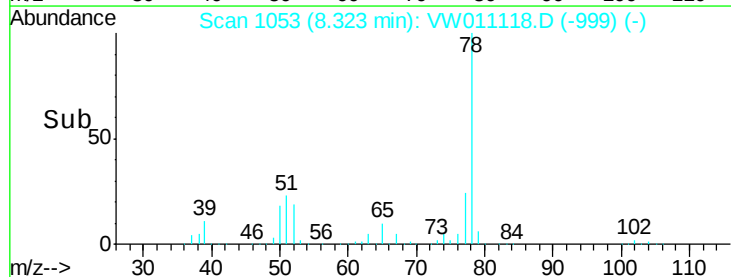
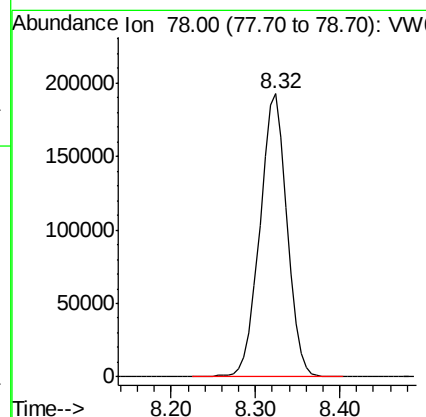
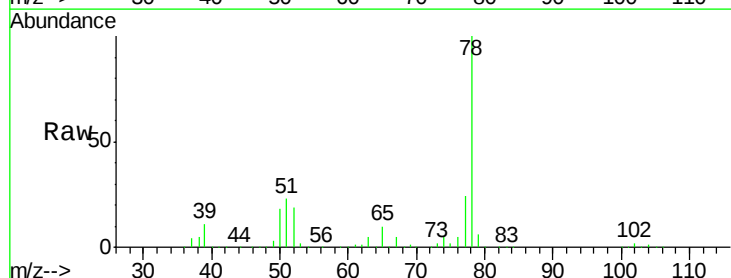
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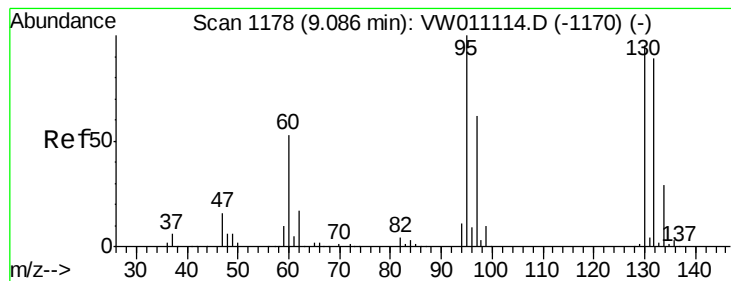
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#34
Benzene
Concen: 26.876 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011118.D
Acq: 02 Jul 2019 20:46

Tgt Ion: 78 Resp: 425544





#35

Trichloroethene

Concen: 26.672 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011118.D

Acq: 02 Jul 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

GAM27MSD

Tot Ion: 95 Resp: 106572

Ion Ratio Lower Upper

95 100

97 63.2 45.4 84.2

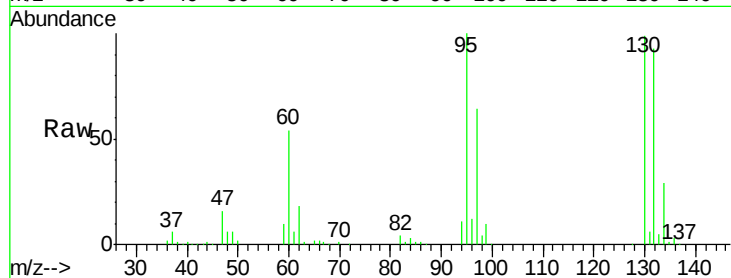
132 91.6 65.0 120.8

130 96.1 67.8 126.0

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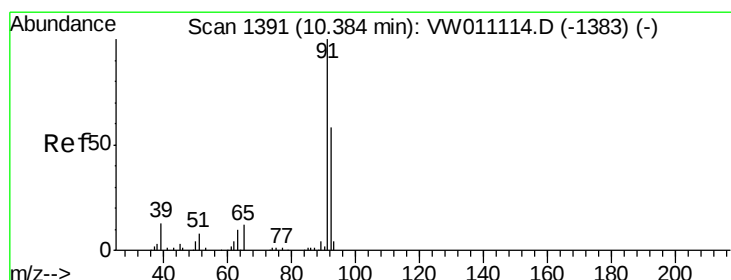
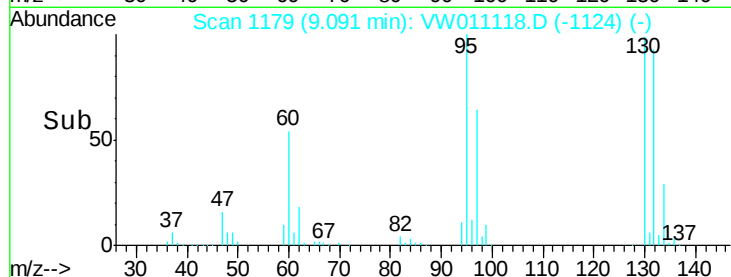
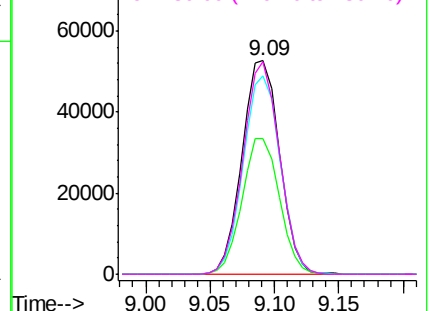
Abundance

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: 26.997 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011118.D

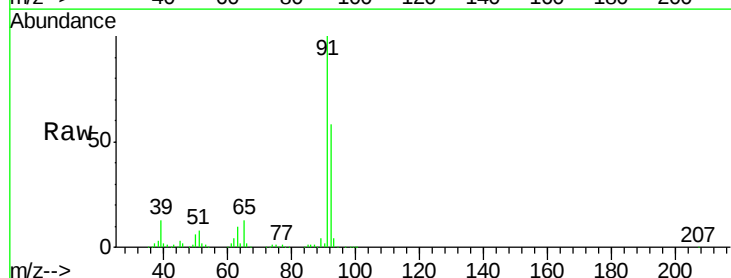
Acq: 02 Jul 2019 20:46

Tgt Ion: 91 Resp: 442444

Ion Ratio Lower Upper

91 100

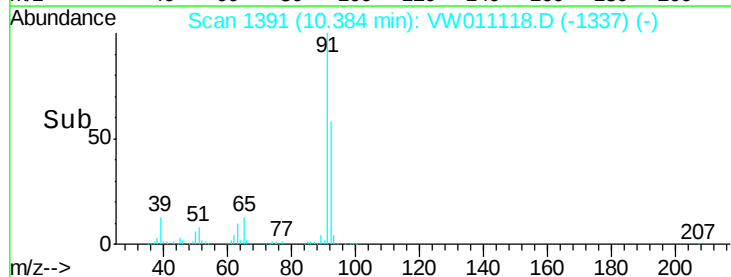
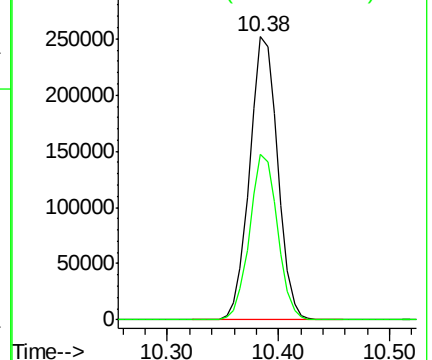
92 58.3 40.8 75.8

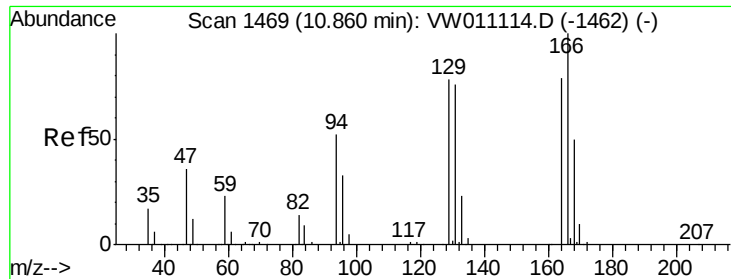


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





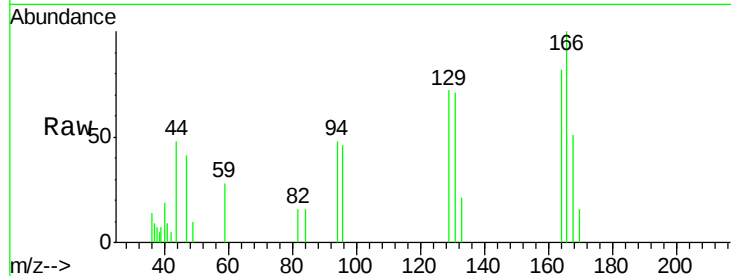
#47
Tetrachloroethene
Concen: 0.488 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW011118.D
Acq: 02 Jul 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :
GAM27MSD

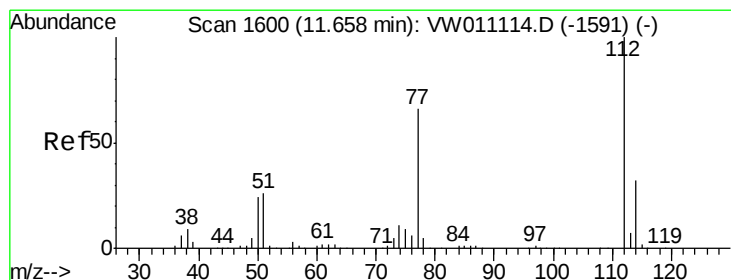
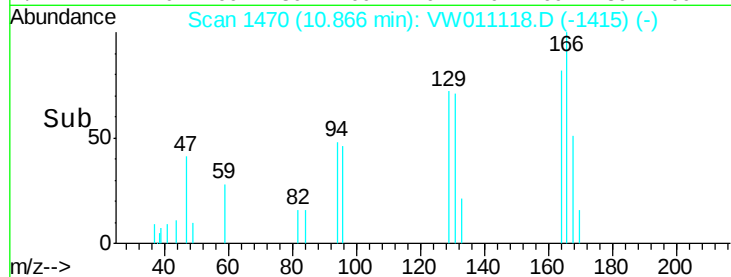
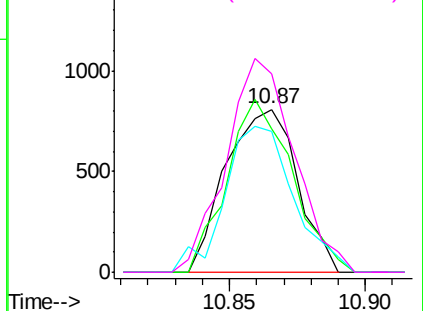
Tot Ion	Ratio	Lower	Upper
164	100		
129	88.2	68.5	127.1
131	86.8	64.8	120.4
166	121.9	87.9	163.3

Manual Integrations
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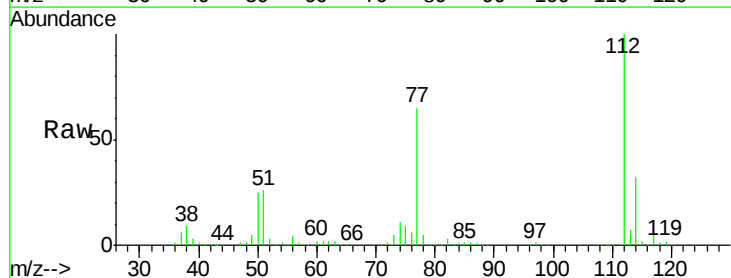


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#52
Chlorobenzene
Concen: 26.211 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011118.D
Acq: 02 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
77	64.8	51.2	76.8
114	32.4	22.0	40.8



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V

