

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022720\
 Data File : VW015067.D
 Acq On : 27 Feb 2020 16:22
 Operator : SY/VA
 Sample : L1686-08
 Misc : 5.89G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW05

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:29:59 PM

Quant Time: Feb 28 04:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 28 03:59:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	798968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	759403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	269479	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	411527	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
7) Chloroethane-d5	2.89	69	305971	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
10) 1,1-Dichloroethene-d2	4.02	63	510814	16.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.68%
20) 2-Butanone-d5	7.07	46	181816	54.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.86%
24) Chloroform-d	7.65	84	648606m	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	391555m	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	1242320	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	455278	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	1071844	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
38) trans-1,3-Dichloropropene-	10.57	79	154593	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.92	63	150158	64.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301651	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	269327	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

Target Compounds

					Ovalue
13) Acetone	4.12	43	28453	7.202	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	10671	0.864	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	25457	2.026	ug/L 99
35) Trichloroethene	9.09	95	1089280	79.714	ug/L 99
44) Toluene	10.38	91	34100	0.622	ug/L 94
47) Tetrachloroethene	10.86	164	8714118	989.456	ug/L 96
52) Chlorobenzene	11.66	112	14644	0.454	ug/L 98

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

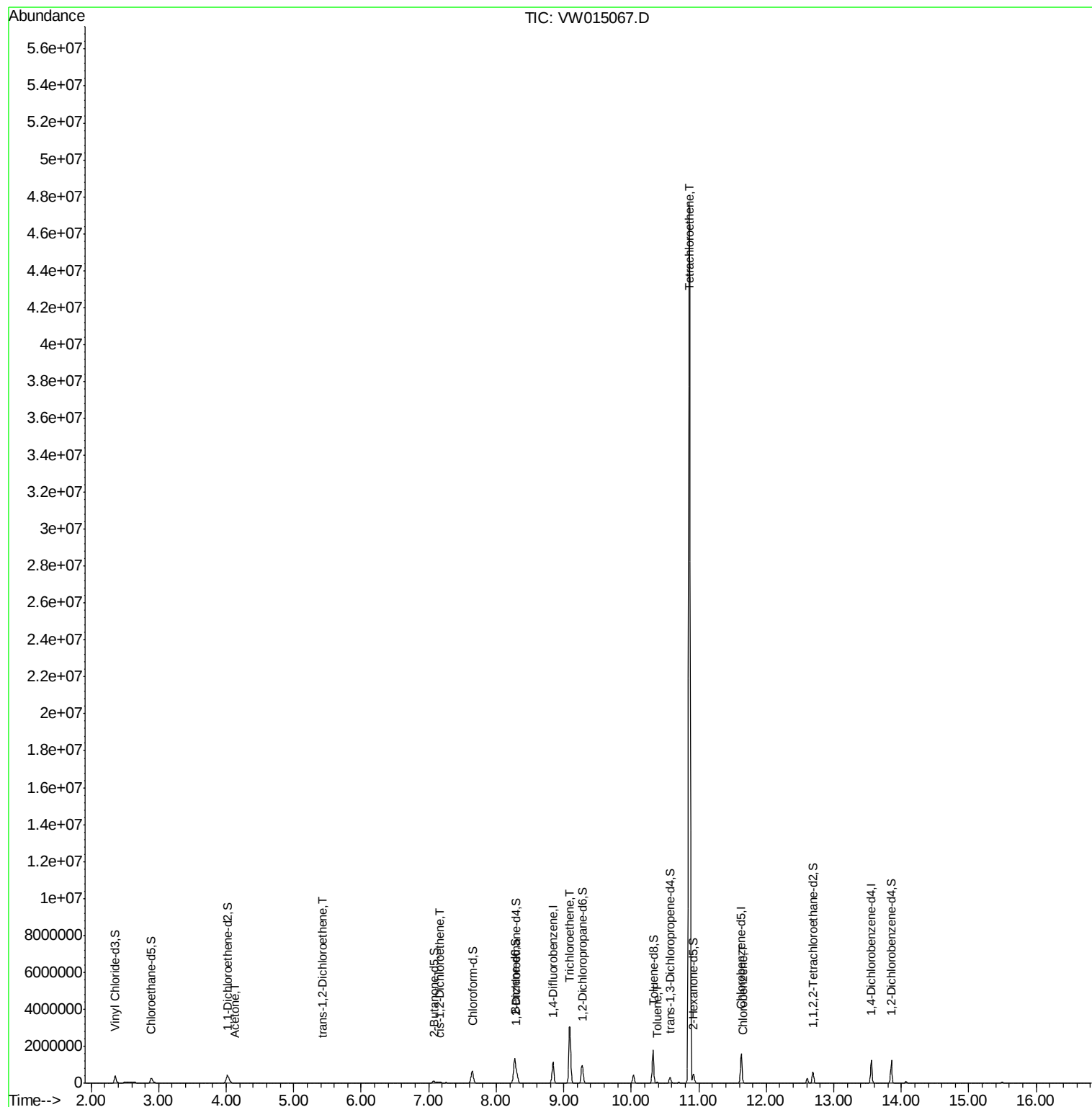
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022720\
Data File : VW015067.D
Acq On : 27 Feb 2020 16:22
Operator : SY/VA
Sample : L1686-08
Misc : 5.89G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

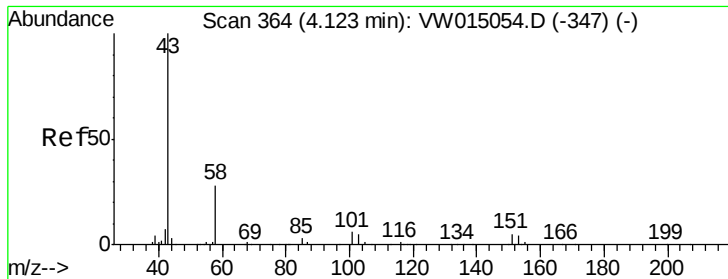
Instrument :
MSVOA_W
ClientSampleId :
GAW05

Manual Integrations
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Quant Time: Feb 28 04:41:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 28 03:59:49 2020
Response via : Initial Calibration





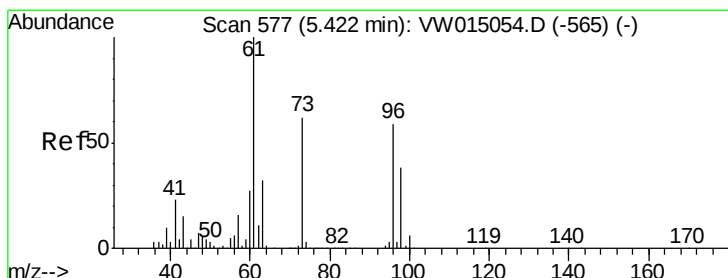
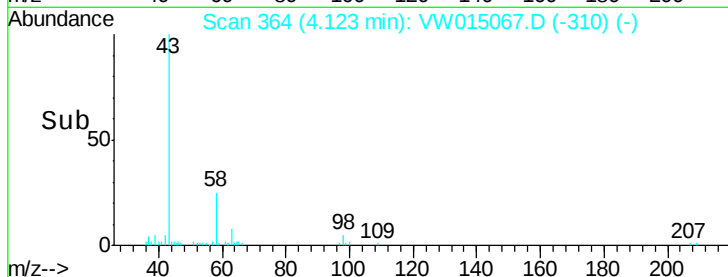
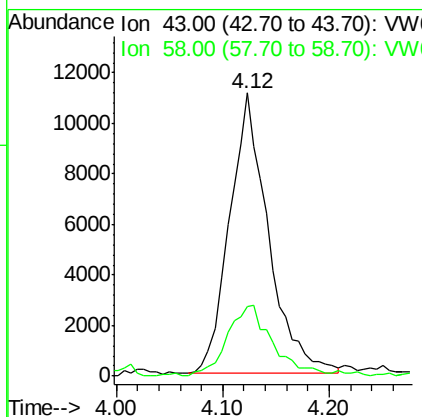
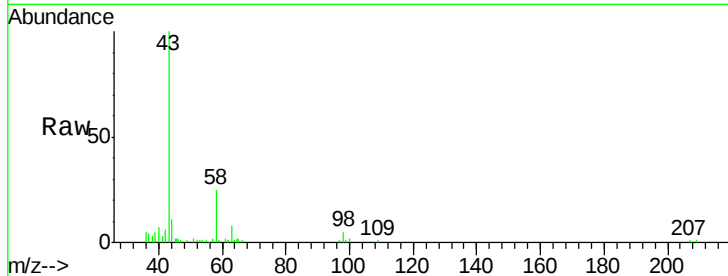
#13
Acetone
Concen: 7.202 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW015067.D
Acq: 27 Feb 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
GAW05

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	54.0

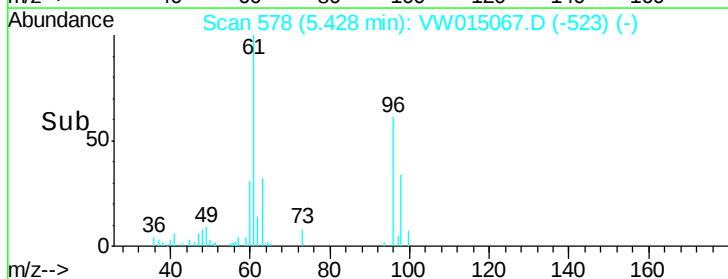
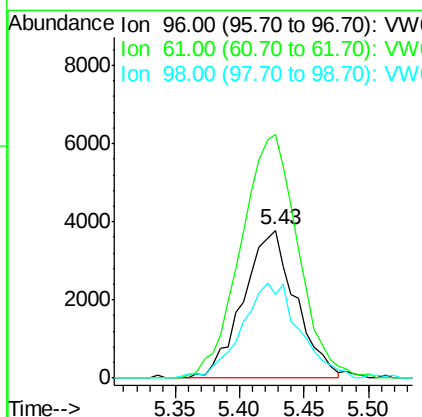
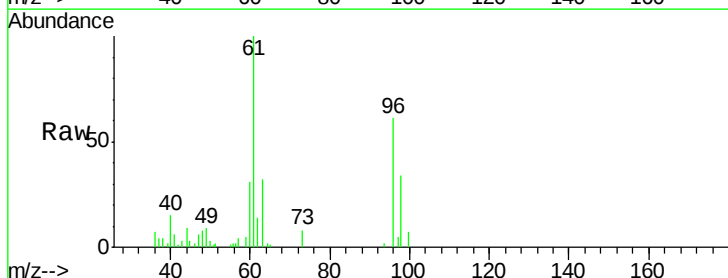
Manual Integrations
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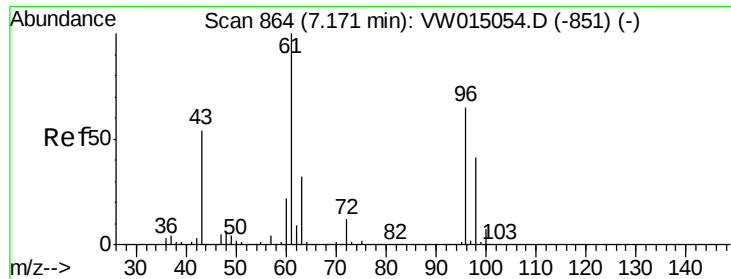
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#18
trans-1,2-Dichloroethene
Concen: 0.864 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015067.D
Acq: 27 Feb 2020 16:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	115.1	213.8
98	56.6	44.0	81.6





#22

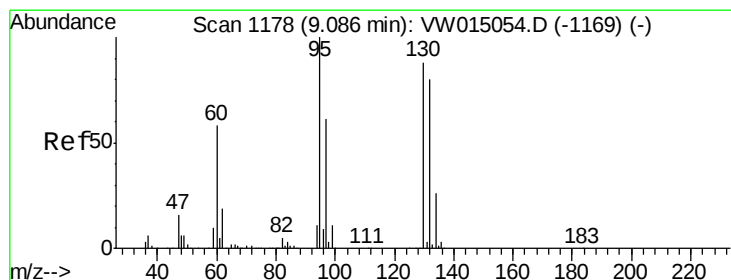
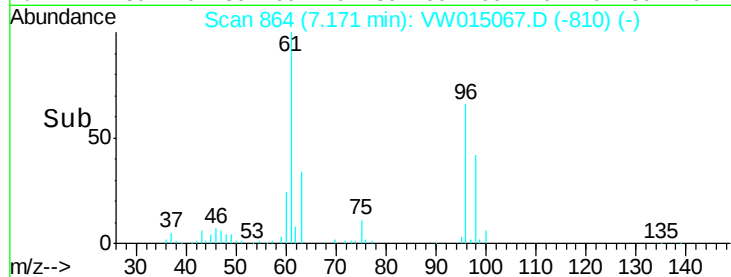
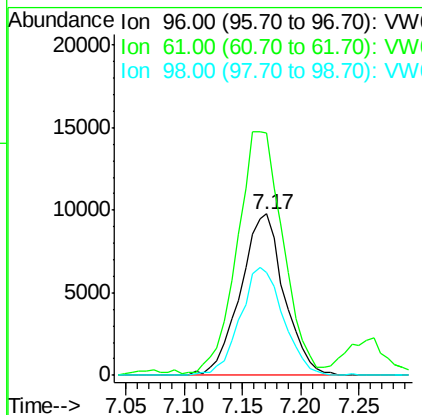
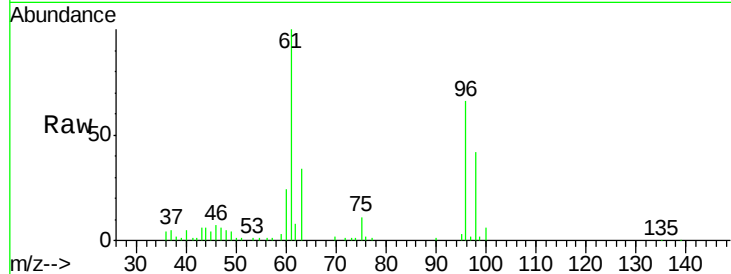
cis-1,2-Dichloroethene
Concen: 2.026 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015067.D
Acq: 27 Feb 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
GAW05

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	105.2	195.4
98	63.5	42.6	79.2

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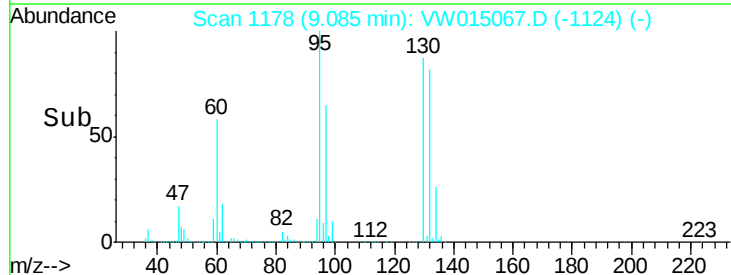
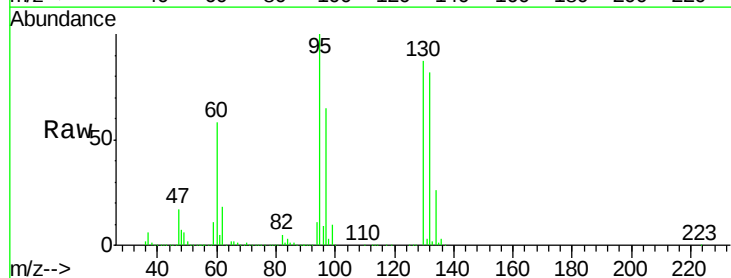
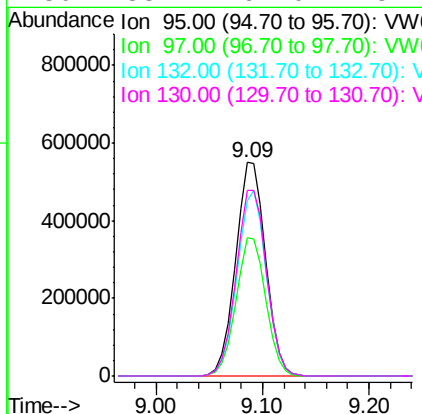
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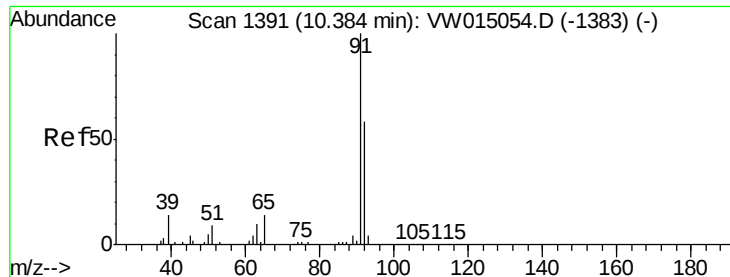


#35

Trichloroethene
Concen: 79.714 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW015067.D
Acq: 27 Feb 2020 16:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	83.1
132	84.9	58.1	107.9
130	88.4	62.0	115.2





#44

Toluene

Concen: 0.622 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015067.D

Acq: 27 Feb 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

GAW05

Tot Ion: 91 Resp: 34100

Ion Ratio Lower Upper

91 100

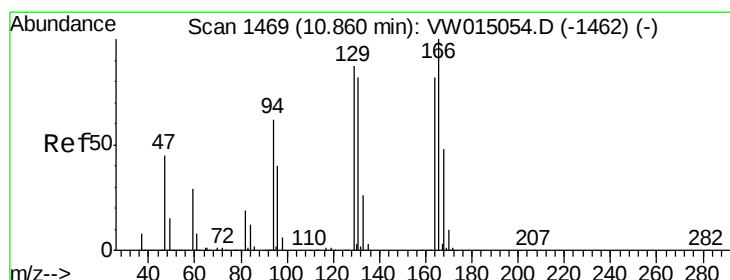
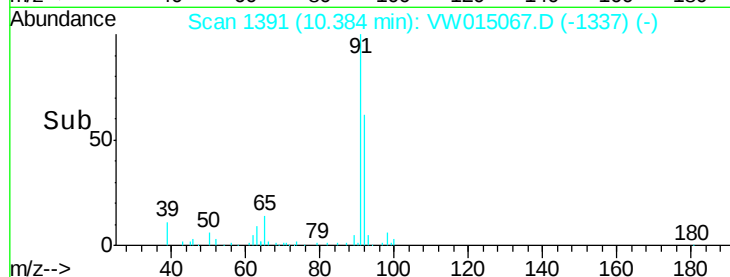
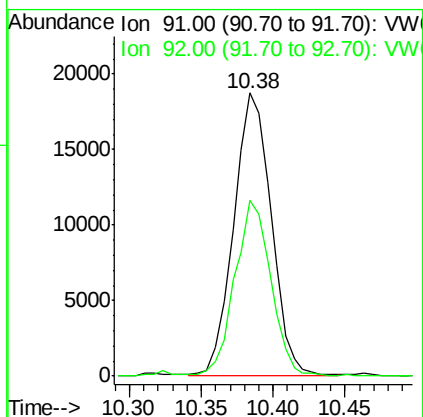
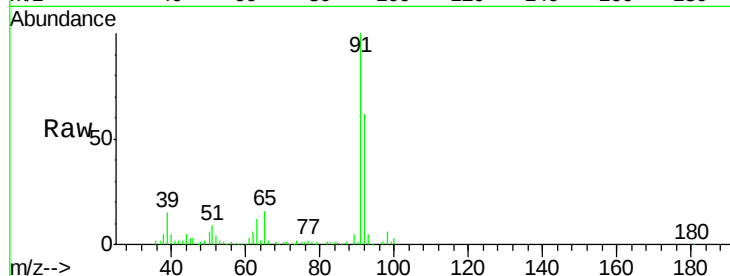
92 62.1 40.5 75.1

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#47

Tetrachloroethene

Concen: 989.456 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015067.D

Acq: 27 Feb 2020 16:22

Tgt Ion:164 Resp: 8714118

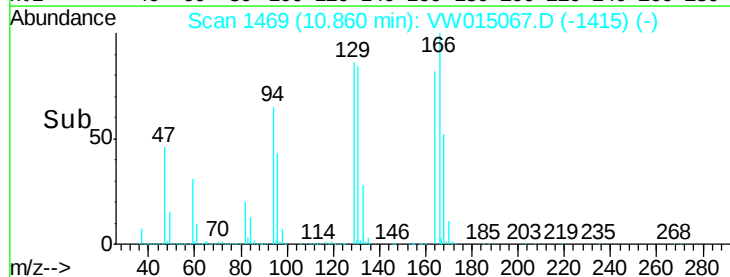
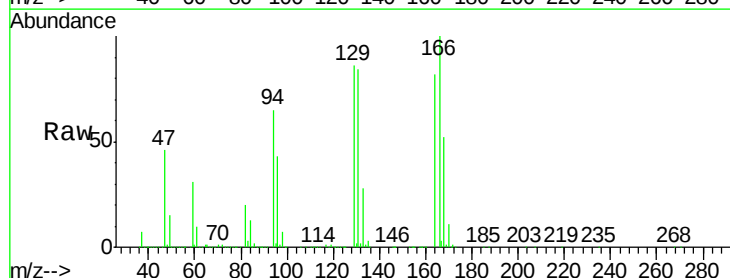
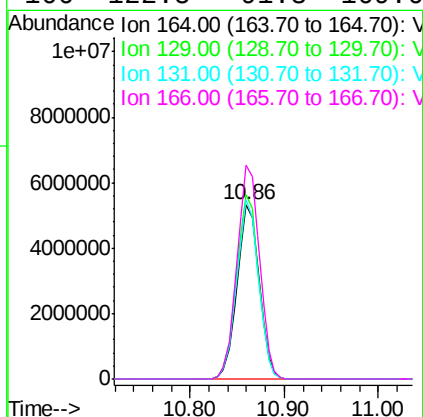
Ion Ratio Lower Upper

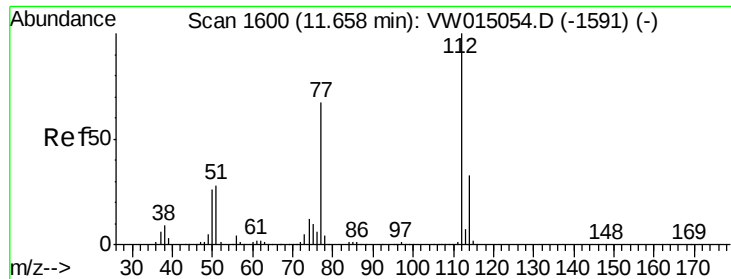
164 100

129 105.8 71.7 133.1

131 102.5 70.1 130.3

166 122.5 91.3 169.6





#52
 Chlorobenzene
 Concen: 0.454 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW015067.D
 Acq: 27 Feb 2020 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW05

Tot Ion:	112	Resp:	14644
Ion Ratio	Lower	Upper	
112	100		
77	73.0	57.0	85.6
114	33.5	22.5	41.9

Manual Integrations
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