

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015050.D
 Acq On : 26 Feb 2020 18:28
 Operator : SY/VA
 Sample : L1686-10
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW07

Manual Integrations
 APPROVED

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 2/27/2020 3:37:35 PM

Quant Time: Feb 27 04:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 02:01:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	694478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	233054	25.00	ug/L	0.00

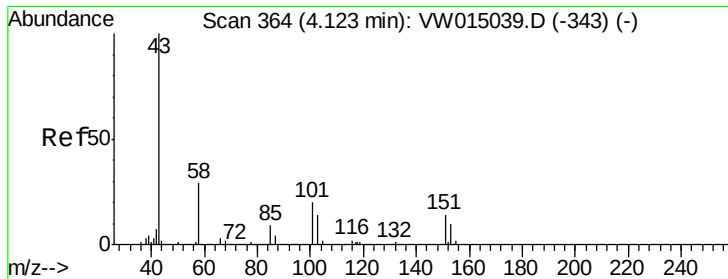
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	376439	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	275552	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.02	63	460863	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.07	46	177946	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
24) Chloroform-d	7.65	84	571787	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	352450m	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	1091054	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.27	67	401778	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	943299	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.57	79	147769	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.72%
39) 2-Hexanone-d5	10.92	63	147929	72.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	284815	28.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	243813	28.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	17460	5.084	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	8290	0.759	ug/L	93
35) Trichloroethene	9.09	95	92018	7.631	ug/L	99
44) Toluene	10.39	91	21046	0.435	ug/L	95
47) Tetrachloroethene	10.86	164	9046888	1164.122	ug/L	96
52) Chlorobenzene	11.66	112	13980	0.491	ug/L	93

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



#13

Acetone

Concen: 5.084 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

GAW07

Tot Ion: 43 Resp: 17460

Ion Ratio Lower Upper

43 100

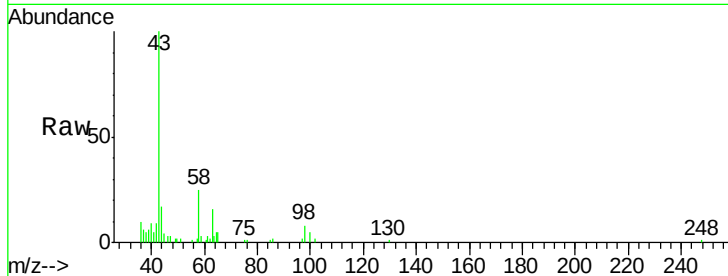
58 28.3 0.0 54.0

Manual Integrations

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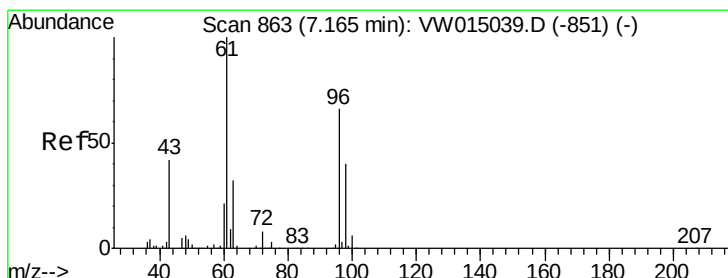
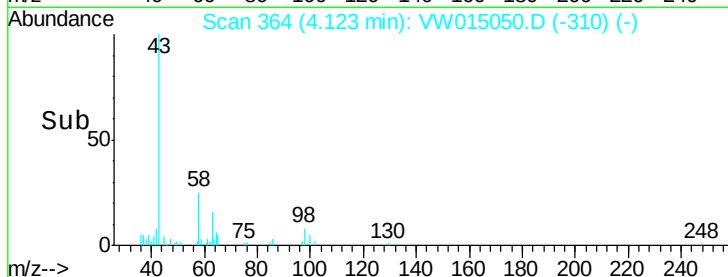
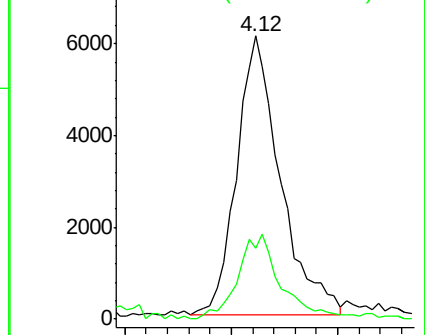
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015050.D

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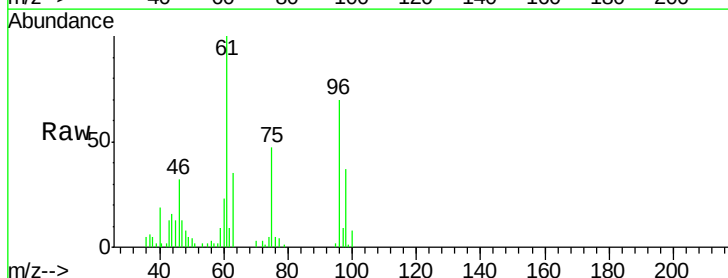
Tgt Ion: 96 Resp: 8290

Ion Ratio Lower Upper

96 100

61 143.0 105.2 195.4

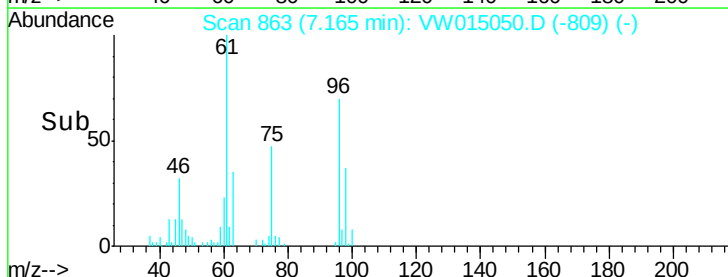
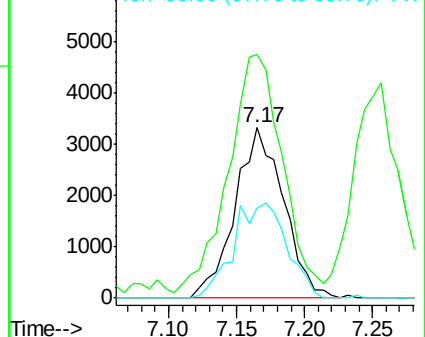
98 53.0 42.6 79.2

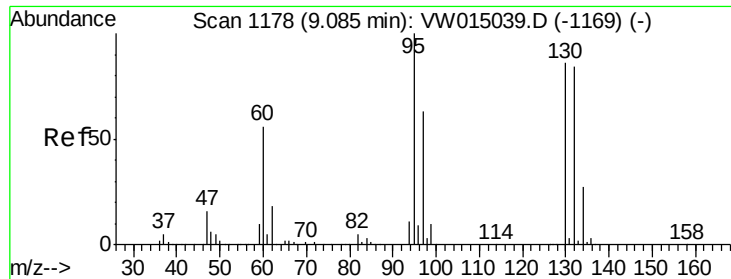


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





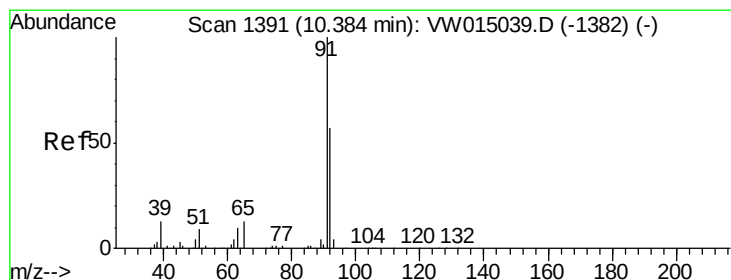
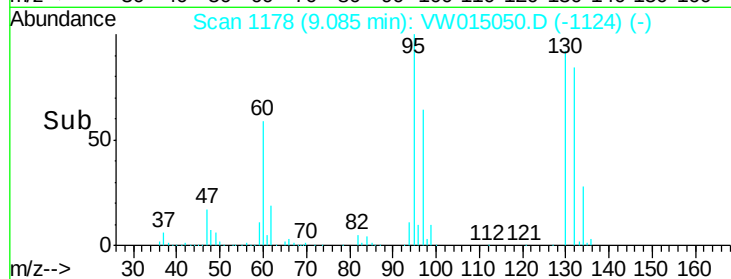
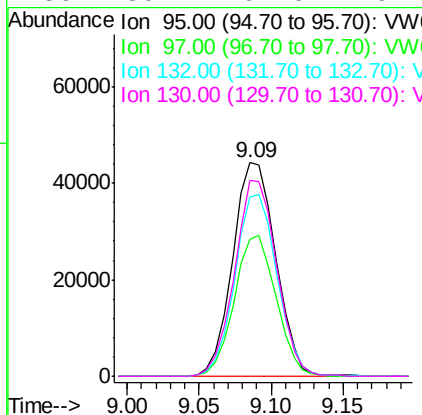
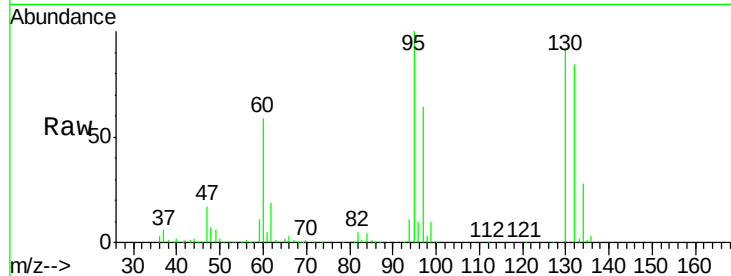
#35
 Trichloroethene
 Concen: 7.631 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW015050.D
 Acq: 26 Feb 2020 18:28

Instrument :
 MSVOA_W
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 GAW07

Tot Ion:	95	Resp:	92018
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	83.5	58.1	107.9
130	89.4	62.0	115.2

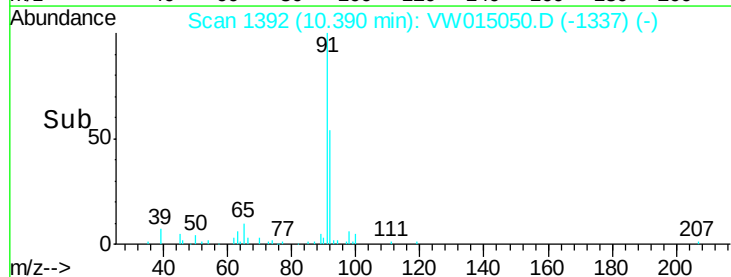
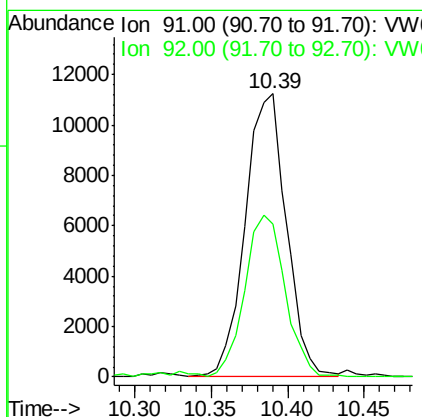
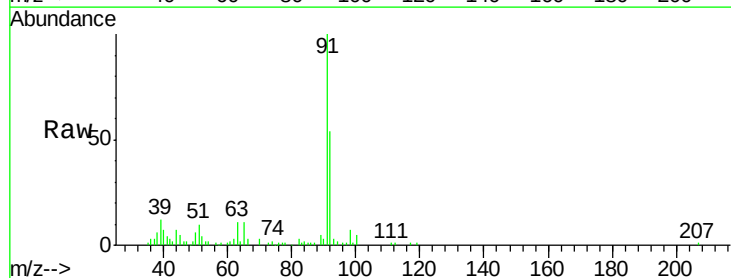
Manual Integrations
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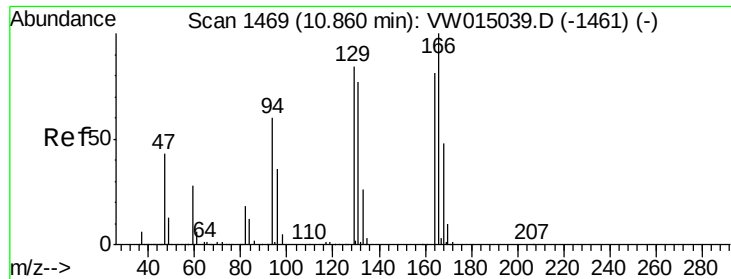
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#44
 Toluene
 Concen: 0.435 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW015050.D
 Acq: 26 Feb 2020 18:28

Tgt Ion:	91	Resp:	21046
Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.5	75.1





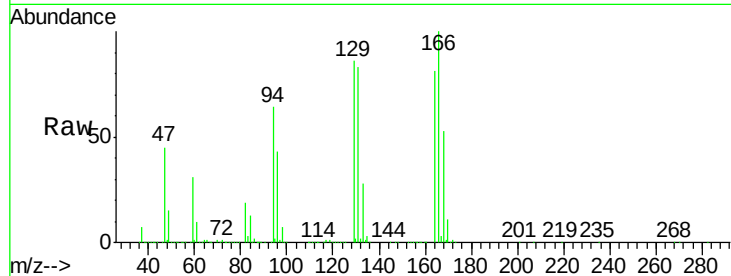
#47
Tetrachloroethene
Concen: 1164.122 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015050.D
Acq: 26 Feb 2020 18:28

Instrument :
MSVOA_W
ClientSampled :
GAW07

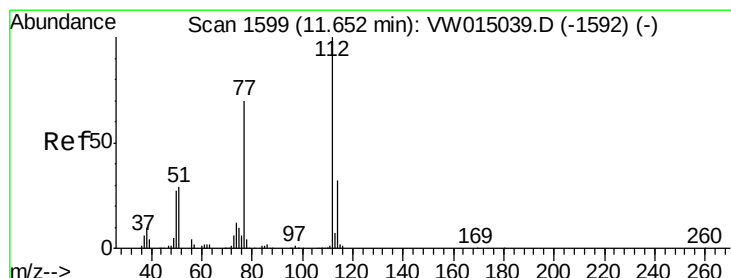
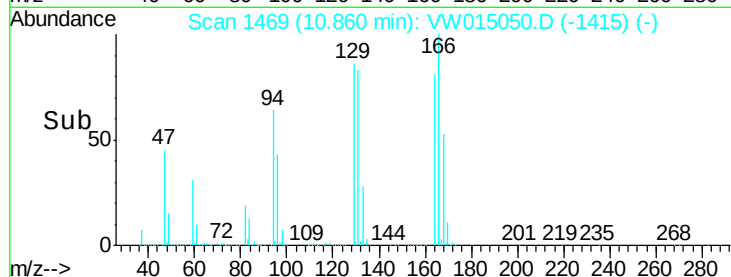
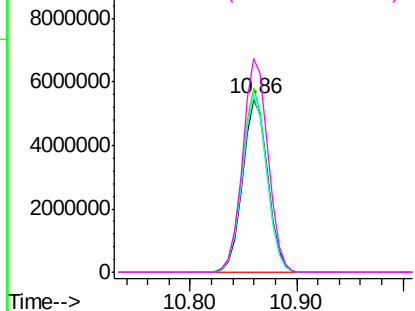
Tot Ion:164 Resp: 9046888
Ion Ratio Lower Upper
164 100
129 106.3 71.7 133.1
131 102.1 70.1 130.3
166 123.4 91.3 169.6

Manual Integrations
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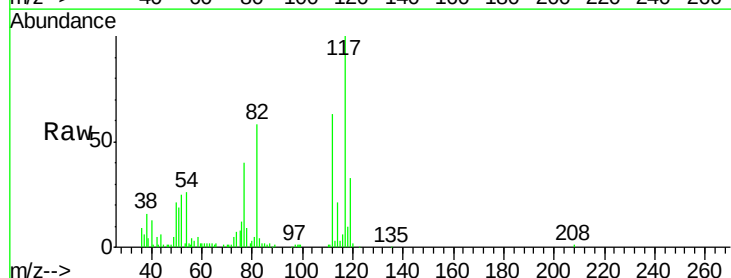


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#52
Chlorobenzene
Concen: 0.491 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015050.D
Acq: 26 Feb 2020 18:28

Tgt Ion:112 Resp: 13980
Ion Ratio Lower Upper
112 100
77 63.1 57.0 85.6
114 32.6 22.5 41.9



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

