

Data File : VW015051.D
Acq On : 26 Feb 2020 18:55
Operator : SY/VA
Sample : L1686-11
Misc : 5.95G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW08

Quant Time: Feb 27 02:05:41 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	720828	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	701492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	255465	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	383657	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	276161	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
10) 1,1-Dichloroethene-d2	4.02	63	469989	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.07	46	145970	48.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.88%
24) Chloroform-d	7.65	84	556648	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.38	65	411	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1096755	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	390233	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.72%
37) Toluene-d8	10.32	98	931106	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.64%
38) trans-1,3-Dichloropropene-	10.57	79	136029	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	10.92	63	121295	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	248607	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	253432	27.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.32%

Target Compounds

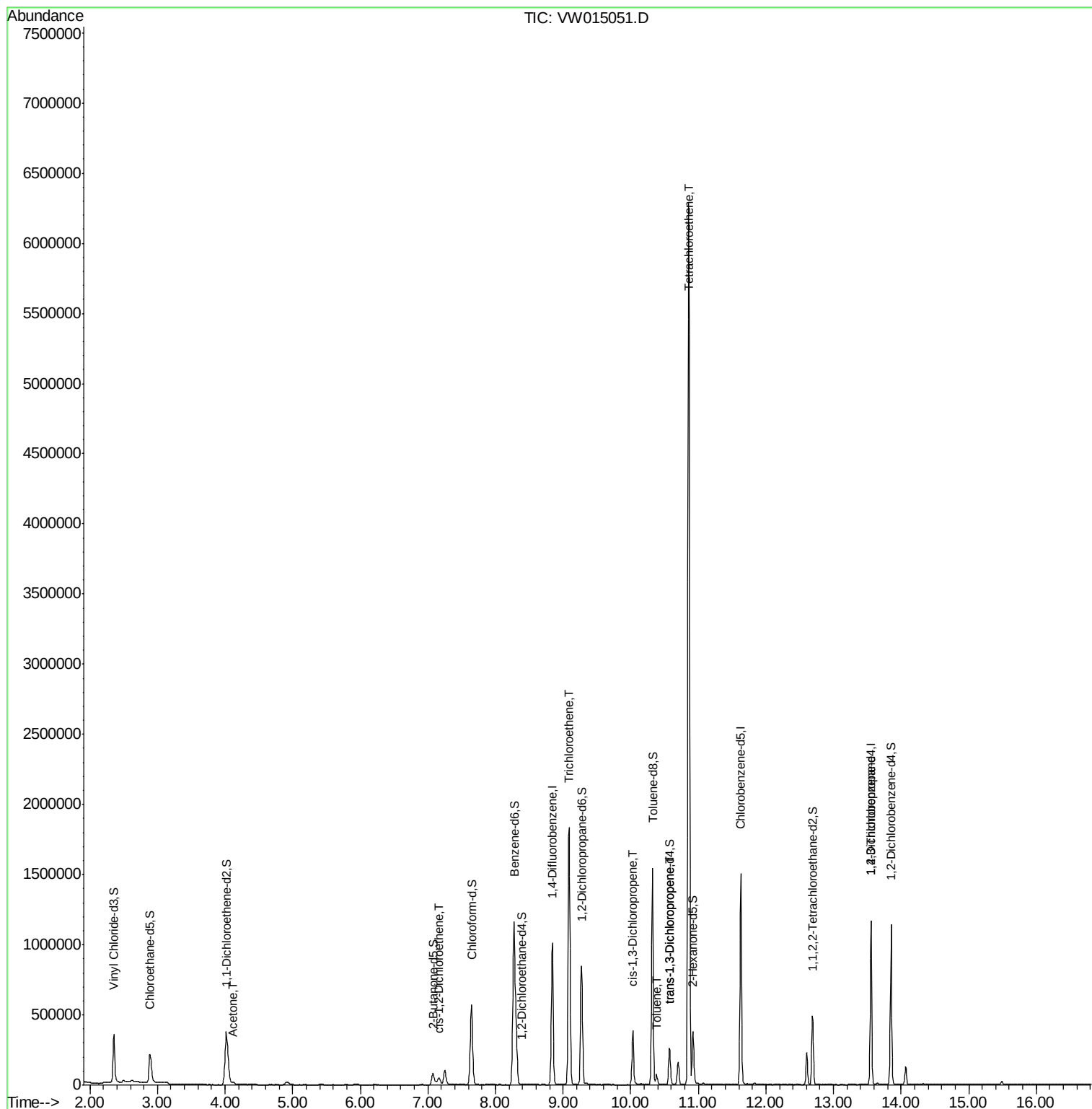
						Qvalue
13) Acetone	4.12	43	25017	7.018	ug/L	82
22) cis-1,2-Dichloroethene	7.17	96	21953	1.937	ug/L	98
35) Trichloroethene	9.09	95	655798	51.954	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	9929	0.526	ug/L #	58
44) Toluene	10.38	91	49173	0.970	ug/L	94
45) trans-1,3-Dichloropropene	10.57	75	7997	0.524	ug/L #	72
47) Tetrachloroethene	10.86	164	1196086	147.023	ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	44710	5.653	ug/L	94

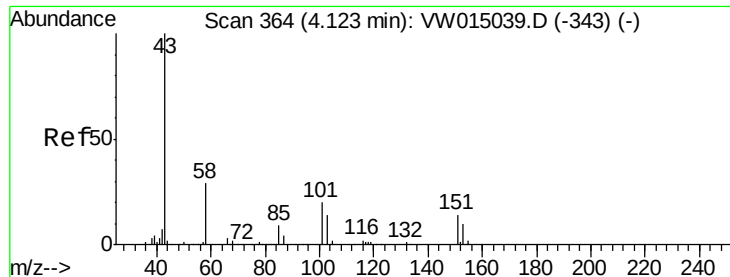
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.018 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015051.D

Acq: 26 Feb 2020 18:55

Instrument :

MSVOA_W

ClientSampled :

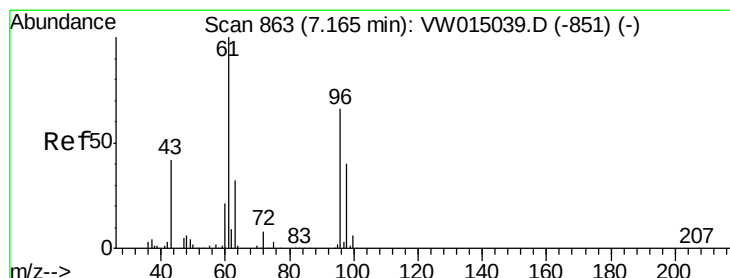
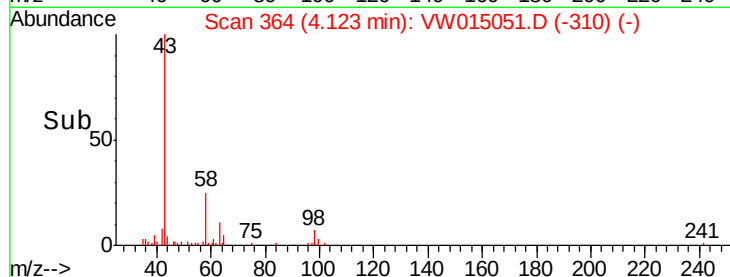
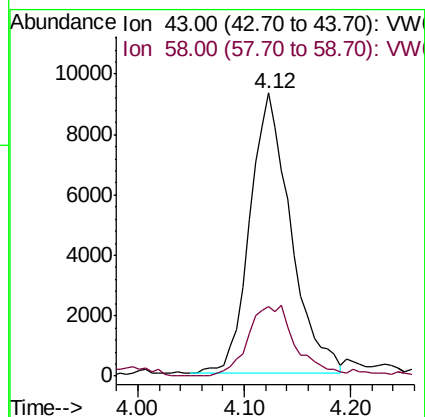
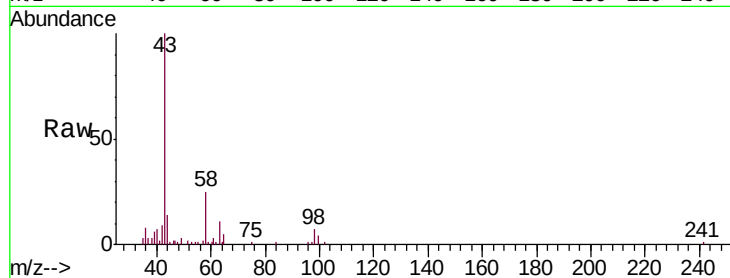
GAW08

Tgt Ion: 43 Resp: 25017

Ion Ratio Lower Upper

43 100

58 17.5 0.0 54.0



#22

cis-1,2-Dichloroethene

Concen: 1.937 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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Acq: 26 Feb 2020 18:55

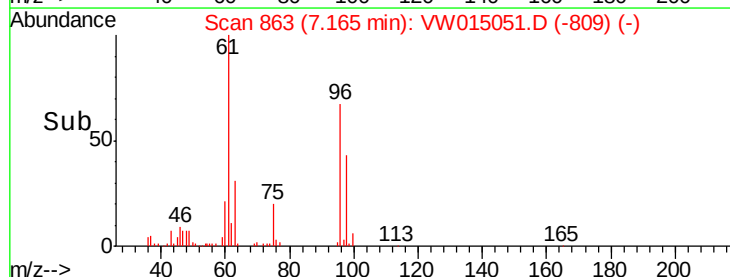
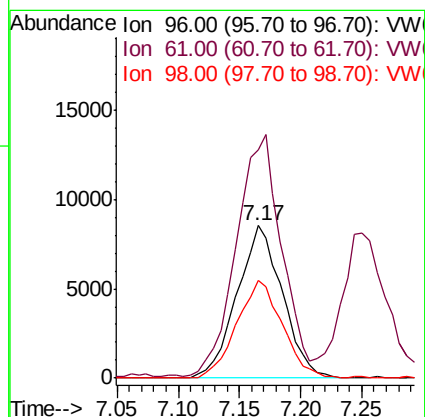
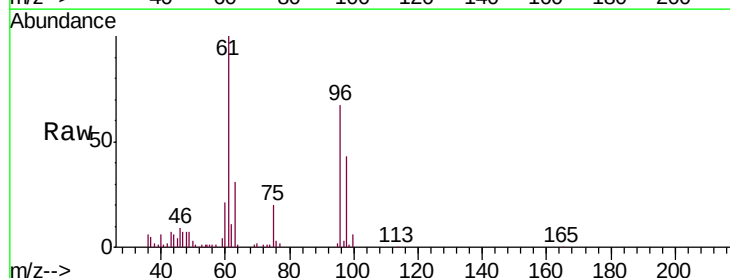
Tgt Ion: 96 Resp: 21953

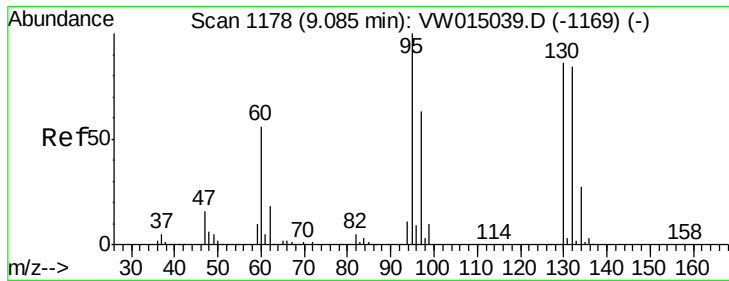
Ion Ratio Lower Upper

96 100

61 149.6 105.2 195.4

98 66.2 42.6 79.2

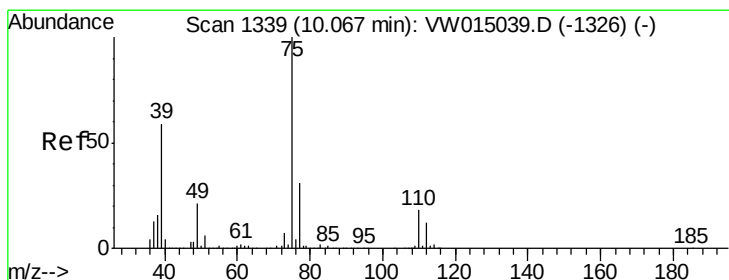
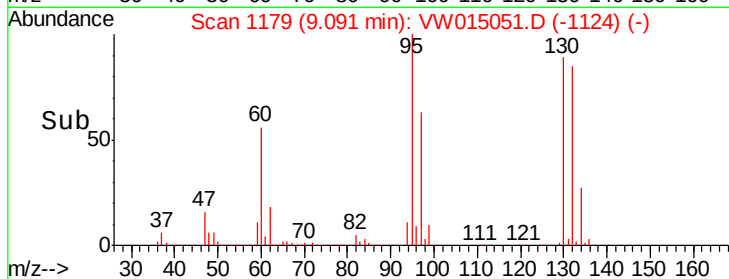
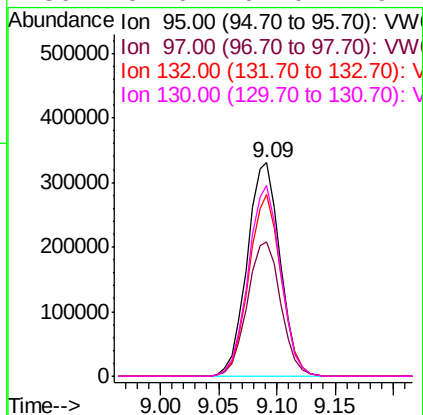
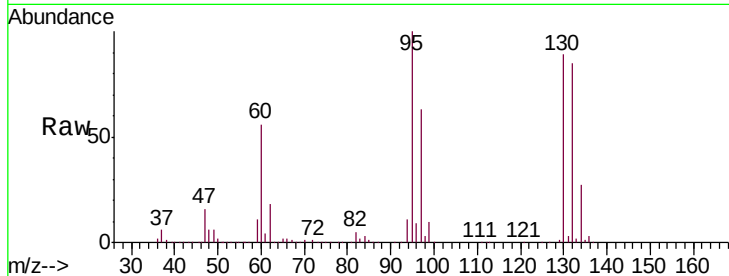




#35
 Trichloroethene
 Concen: 51.954 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW015051.D
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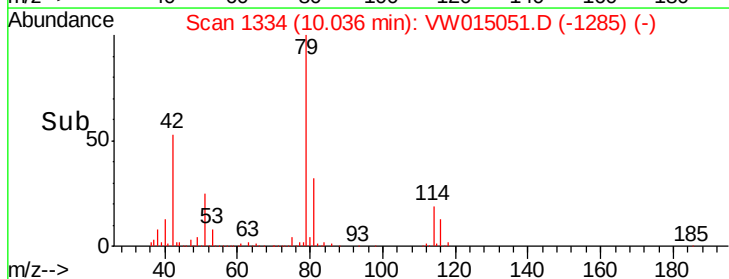
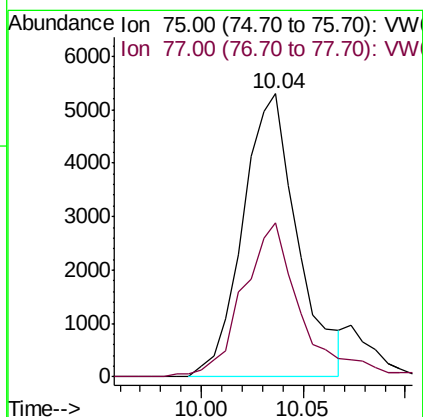
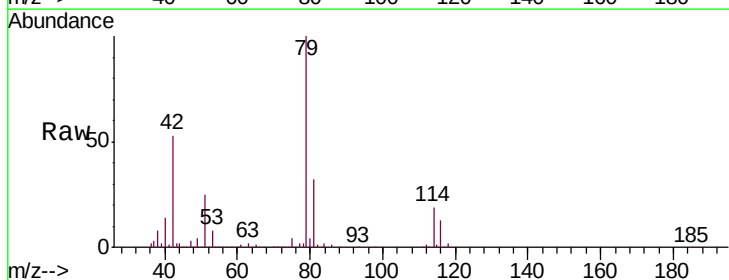
Instrument :
 MSVOA_W
 ClientSampleId :
 GAW08

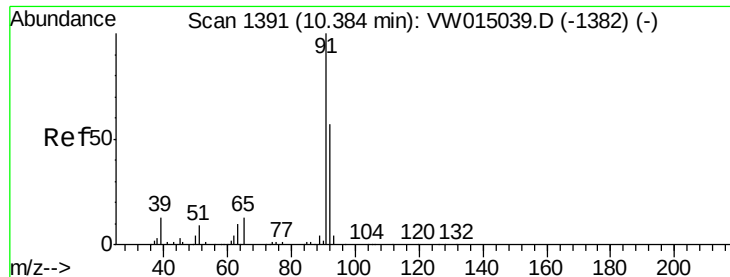
Tgt Ion:	95	Resp:	655798
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	83.1
132	83.2	58.1	107.9
130	87.6	62.0	115.2



#42
 cis-1,3-Dichloropropene
 Concen: 0.526 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW015051.D
 Acq: 26 Feb 2020 18:55

Tgt Ion:	75	Resp:	9929
Ion	Ratio	Lower	Upper
75	100		
77	54.4	21.9	40.7#





#44

Toluene

Concen: 0.970 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015051.D

Acq: 26 Feb 2020 18:55

Instrument :

MSVOA_W

ClientSampleId :

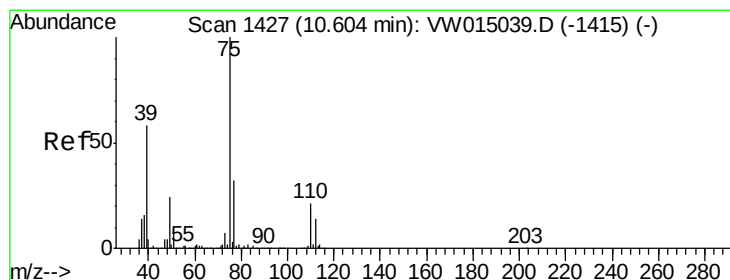
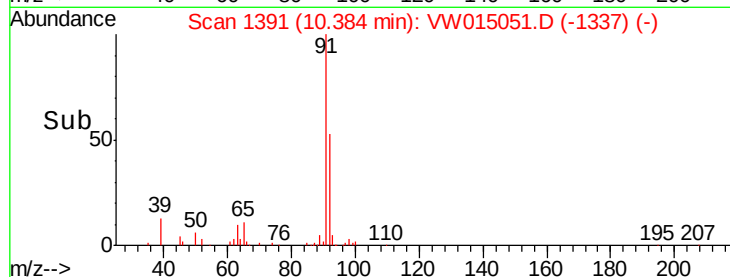
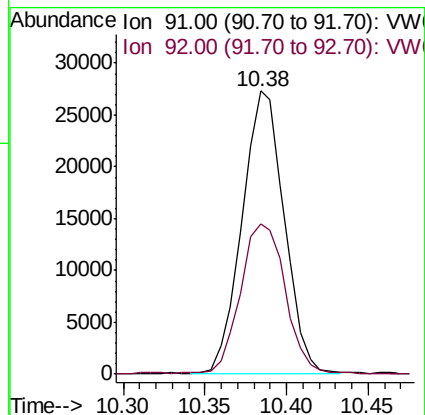
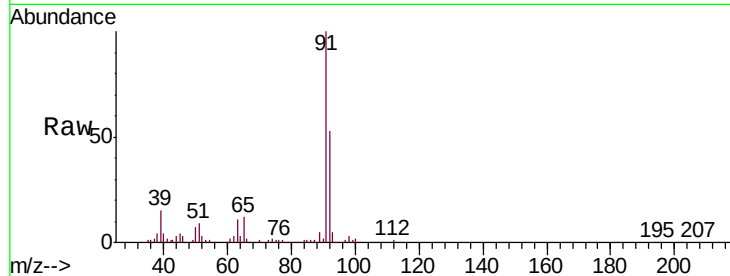
GAW08

Tgt Ion: 91 Resp: 49173

Ion Ratio Lower Upper

91 100

92 53.1 40.5 75.1



#45

trans-1,3-Dichloropropene

Concen: 0.524 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW015051.D

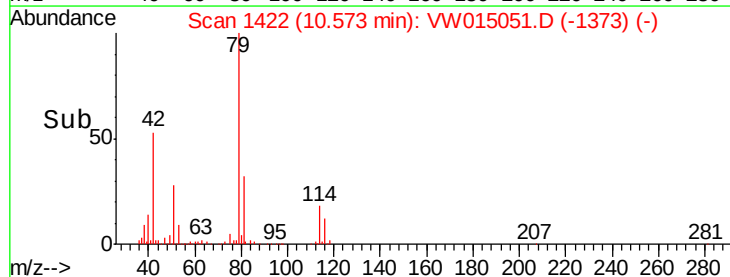
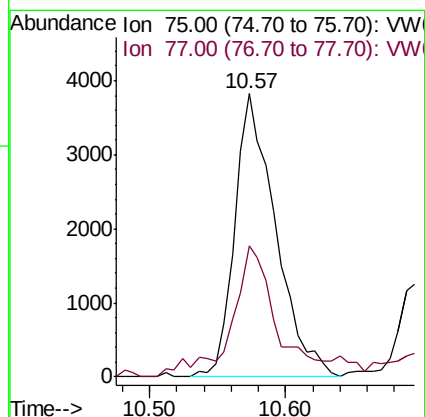
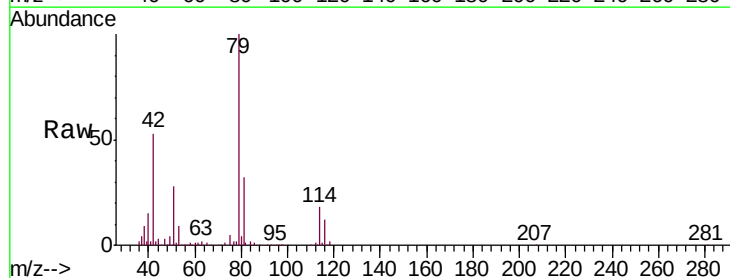
Acq: 26 Feb 2020 18:55

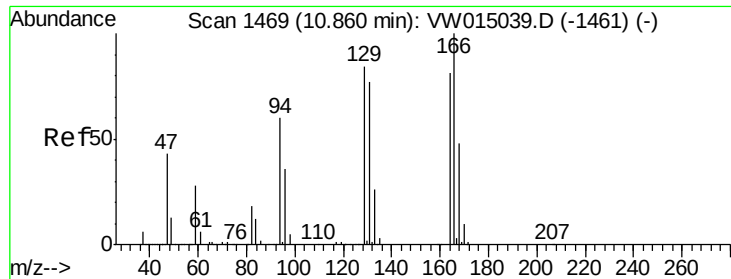
Tgt Ion: 75 Resp: 7997

Ion Ratio Lower Upper

75 100

77 46.1 21.6 40.2#





#47

Tetrachloroethene

Concen: 147.023 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015051.D

Acq: 26 Feb 2020 18:55

Instrument :

MSVOA_W

ClientSampleId :

GAW08

Tgt Ion:164 Resp: 1196086

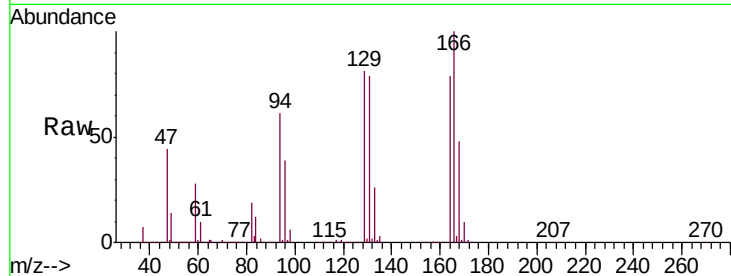
Ion Ratio Lower Upper

164 100

129 103.3 71.7 133.1

131 100.4 70.1 130.3

166 127.2 91.3 169.6

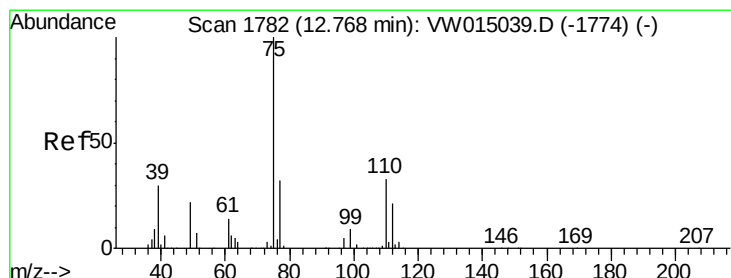
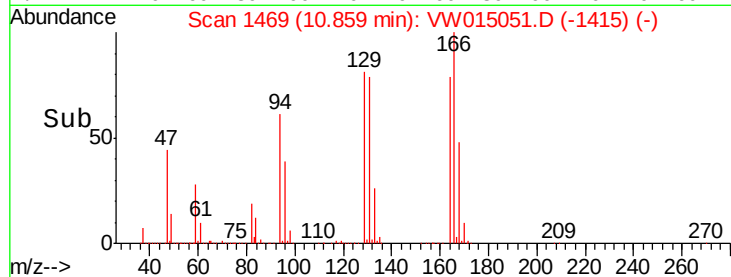
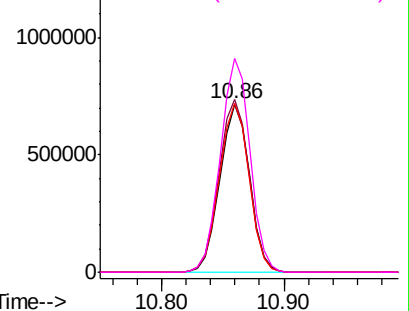


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.653 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015051.D

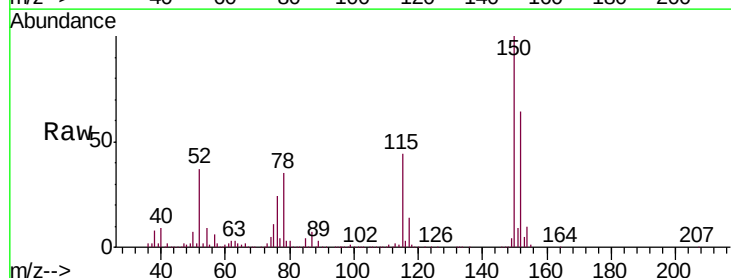
Acq: 26 Feb 2020 18:55

Tgt Ion: 75 Resp: 44710

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

