

Data File : VW015047.D
Acq On : 26 Feb 2020 16:35
Operator : SY/VA
Sample : L1686-03
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW02

Quant Time: Feb 27 02:05:06 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	673093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	252244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	346444	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	2.89	69	248782	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	4.02	63	421217	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	145858	51.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.66%
24) Chloroform-d	7.65	84	491750	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.57	65	172	0.01	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	964838	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.27	67	344636	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	807634	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	124124	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.92	63	117827	59.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	236539	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	229796	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

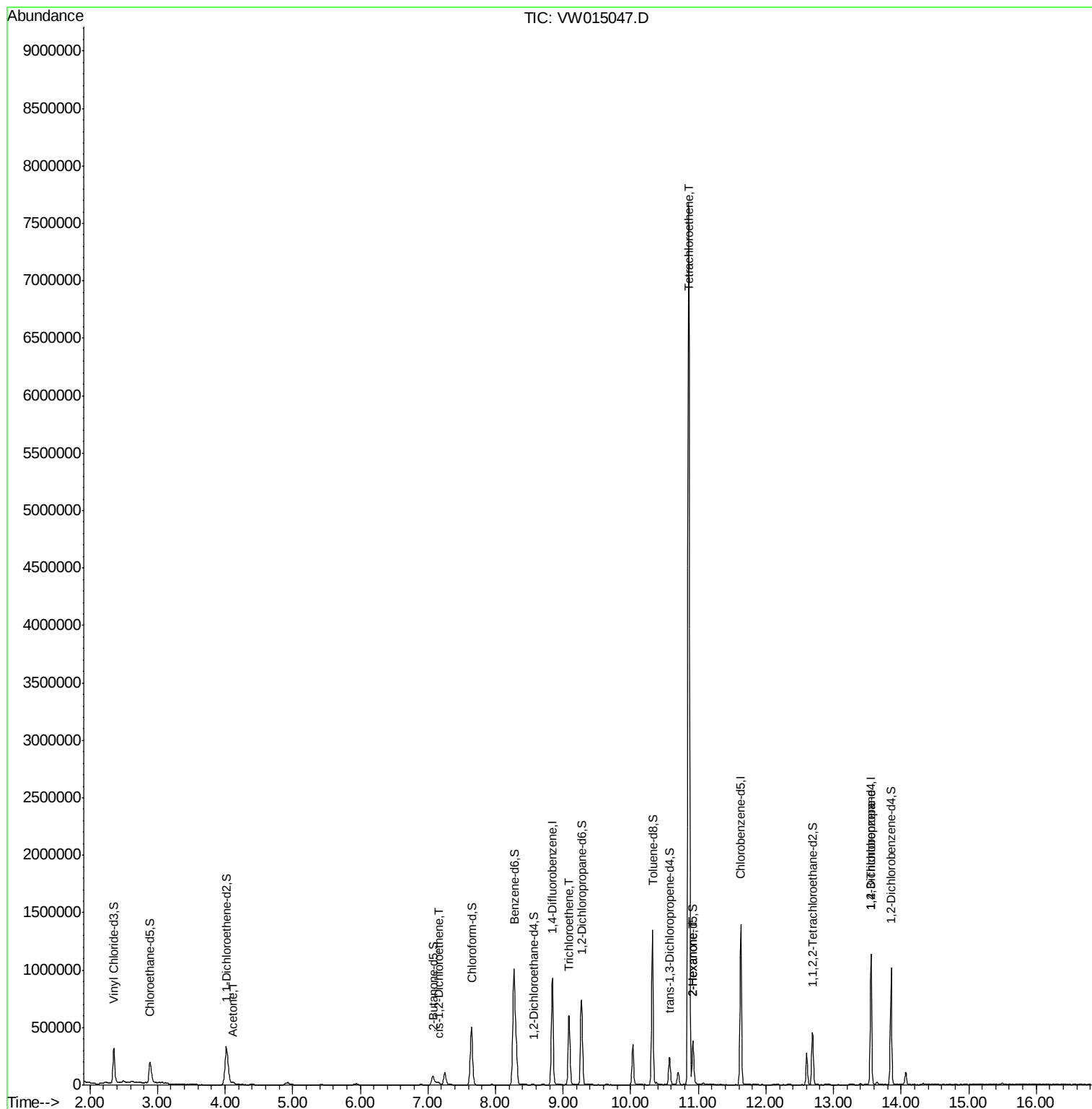
					Qvalue
13) Acetone	4.12	43	31851	9.569 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	3717	0.351 ug/L	87
35) Trichloroethene	9.09	95	217673	18.638 ug/L	99
47) Tetrachloroethene	10.86	164	1469709	195.256 ug/L	98
49) 2-Hexanone	10.92	43	17977	3.306 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	43274	5.914 ug/L	93

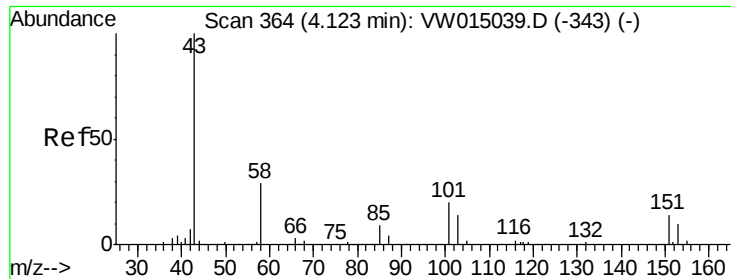
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.569 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015047.D

Acq: 26 Feb 2020 16:35

Instrument :

MSVOA_W

ClientSampled :

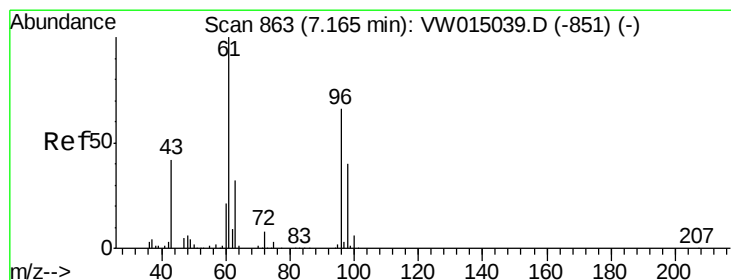
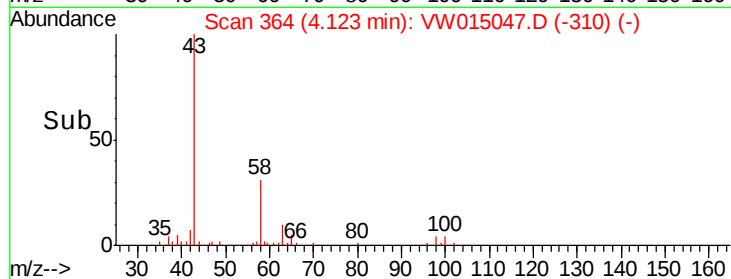
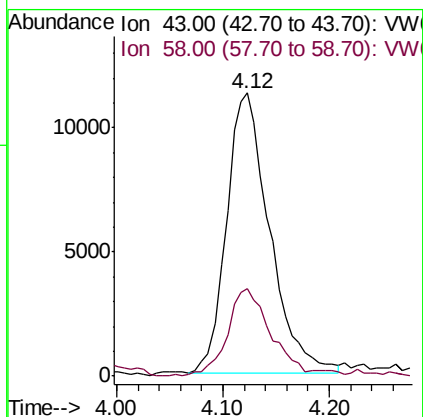
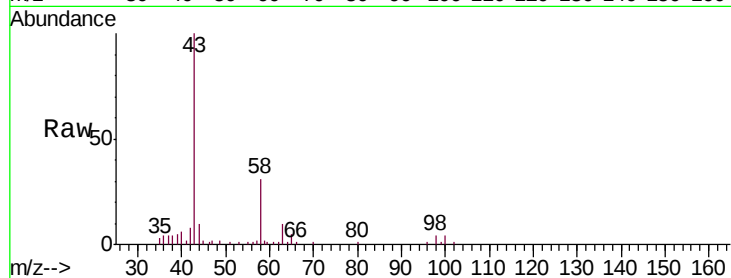
GAW02

Tgt Ion: 43 Resp: 31851

Ion Ratio Lower Upper

43 100

58 31.1 0.0 54.0



#22

cis-1,2-Dichloroethene

Concen: 0.351 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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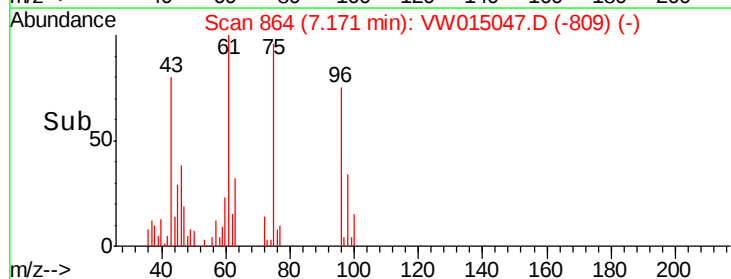
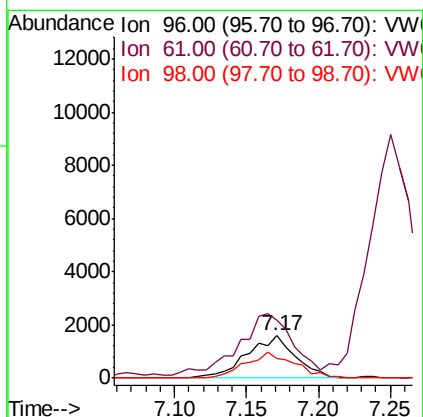
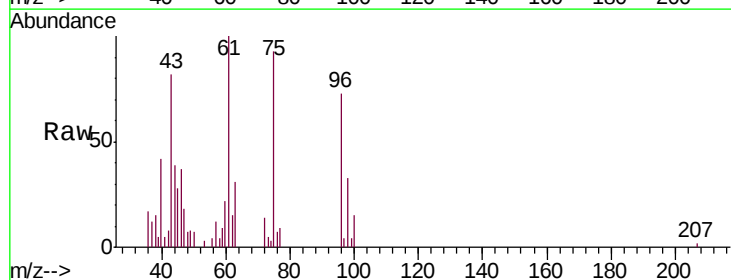
Tgt Ion: 96 Resp: 3717

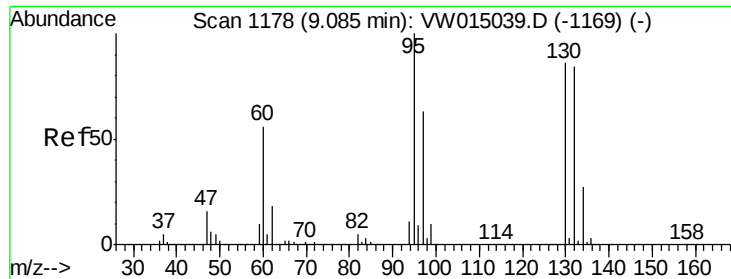
Ion Ratio Lower Upper

96 100

61 137.0 105.2 195.4

98 45.7 42.6 79.2

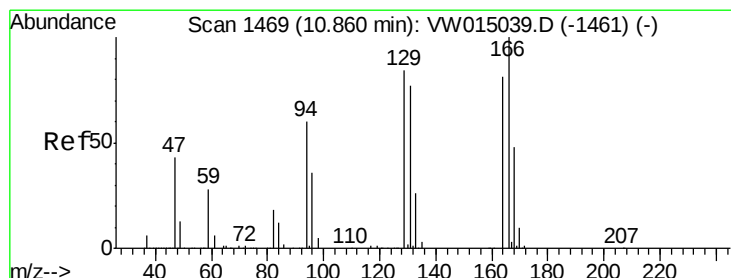
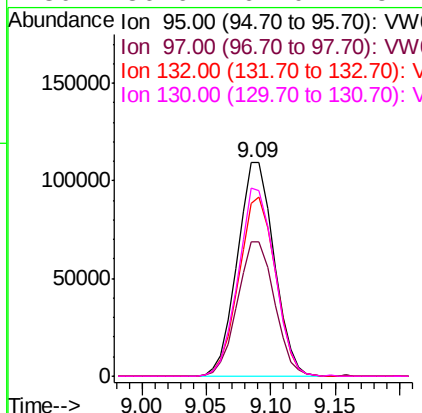
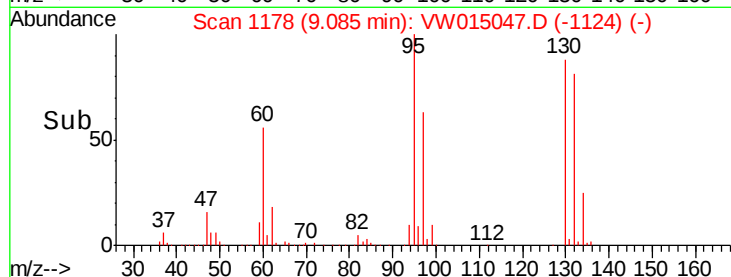
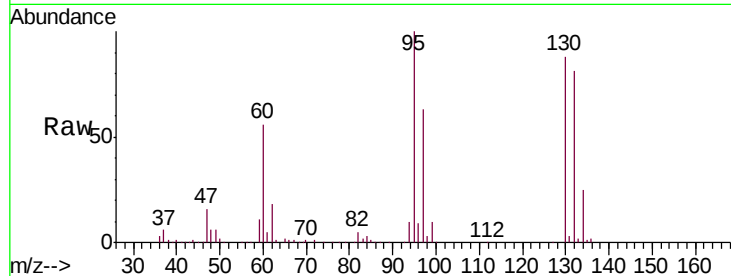




#35
 Trichloroethene
 Concen: 18.638 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
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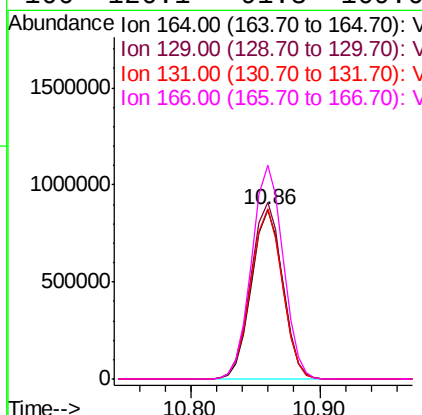
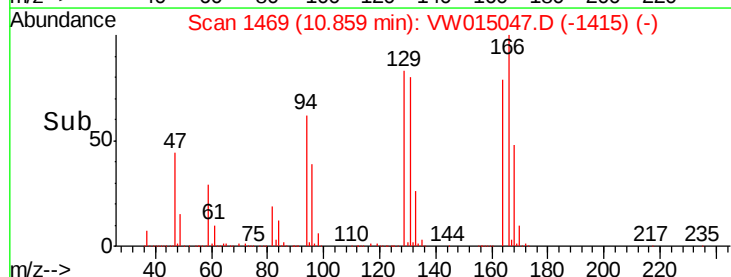
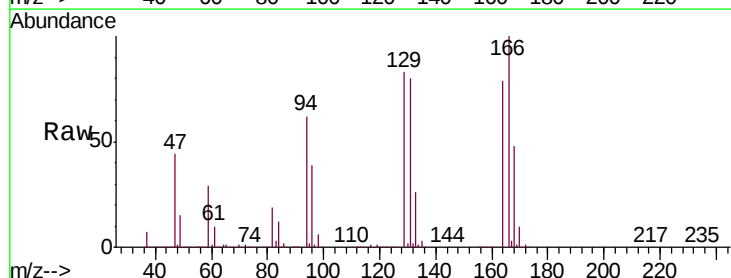
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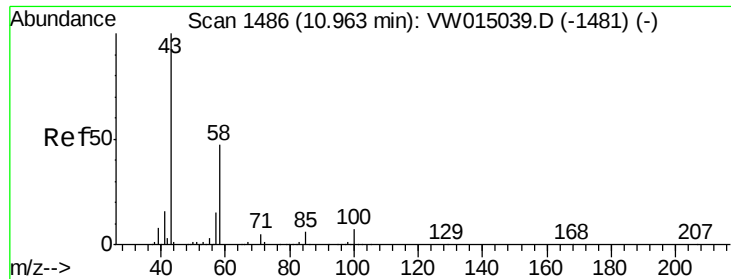
Tgt Ion:	95	Resp:	217673
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.7	83.1
132	83.2	58.1	107.9
130	86.6	62.0	115.2



#47
 Tetrachloroethene
 Concen: 195.256 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW015047.D
 Acq: 26 Feb 2020 16:35

Tgt Ion:	164	Resp:	1469709
Ion	Ratio	Lower	Upper
164	100		
129	104.6	71.7	133.1
131	100.7	70.1	130.3
166	126.1	91.3	169.6





#49

2-Hexanone

Concen: 3.306 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW015047.D

Acq: 26 Feb 2020 16:35

Instrument :

MSVOA_W

ClientSampleId :

GAW02

Tgt Ion: 43 Resp: 17977

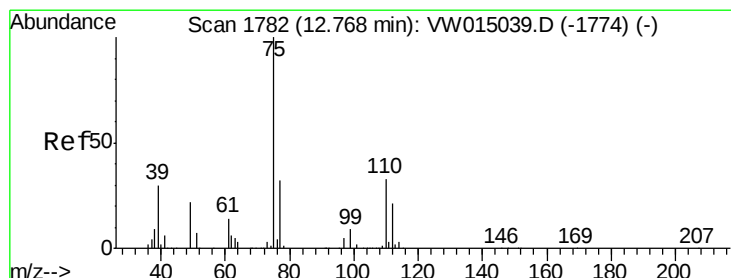
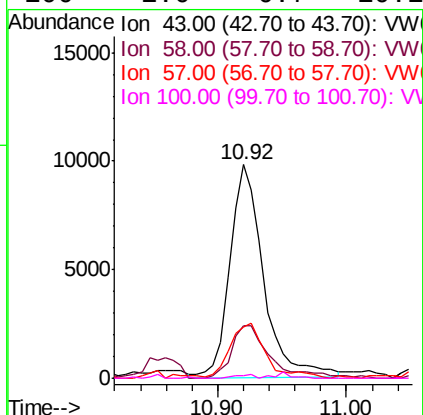
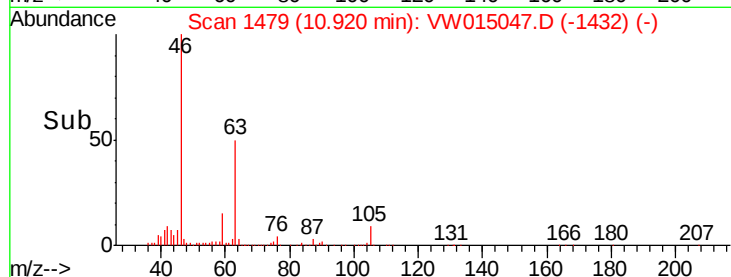
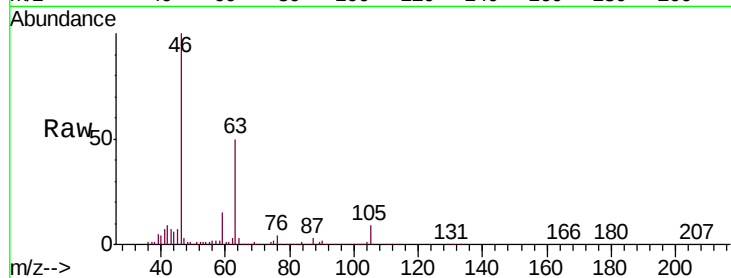
Ion Ratio Lower Upper

43 100

58 25.2 38.9 58.3#

57 24.8 13.4 20.2#

100 1.0 6.7 10.1#



#59

1,2,3-Trichloropropane

Concen: 5.914 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015047.D

Acq: 26 Feb 2020 16:35

Tgt Ion: 75 Resp: 43274

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

