

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015166.D
 Acq On : 08 Apr 2020 13:08
 Operator : SY/VA
 Sample : L2176-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J2

Quant Time: Apr 09 01:20:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 01:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	624137	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	588118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235214	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
7) Chloroethane-d5	2.90	69	208522	23.46	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.02	63	364064	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.07	46	120285	49.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.06%
24) Chloroform-d	7.65	84	454691	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.30	65	262987	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
29) Benzene-d6	8.27	84	894306	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	295756	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	767860	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	104663	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.48%
39) 2-Hexanone-d5	10.93	63	82507	44.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	185246	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	201854	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

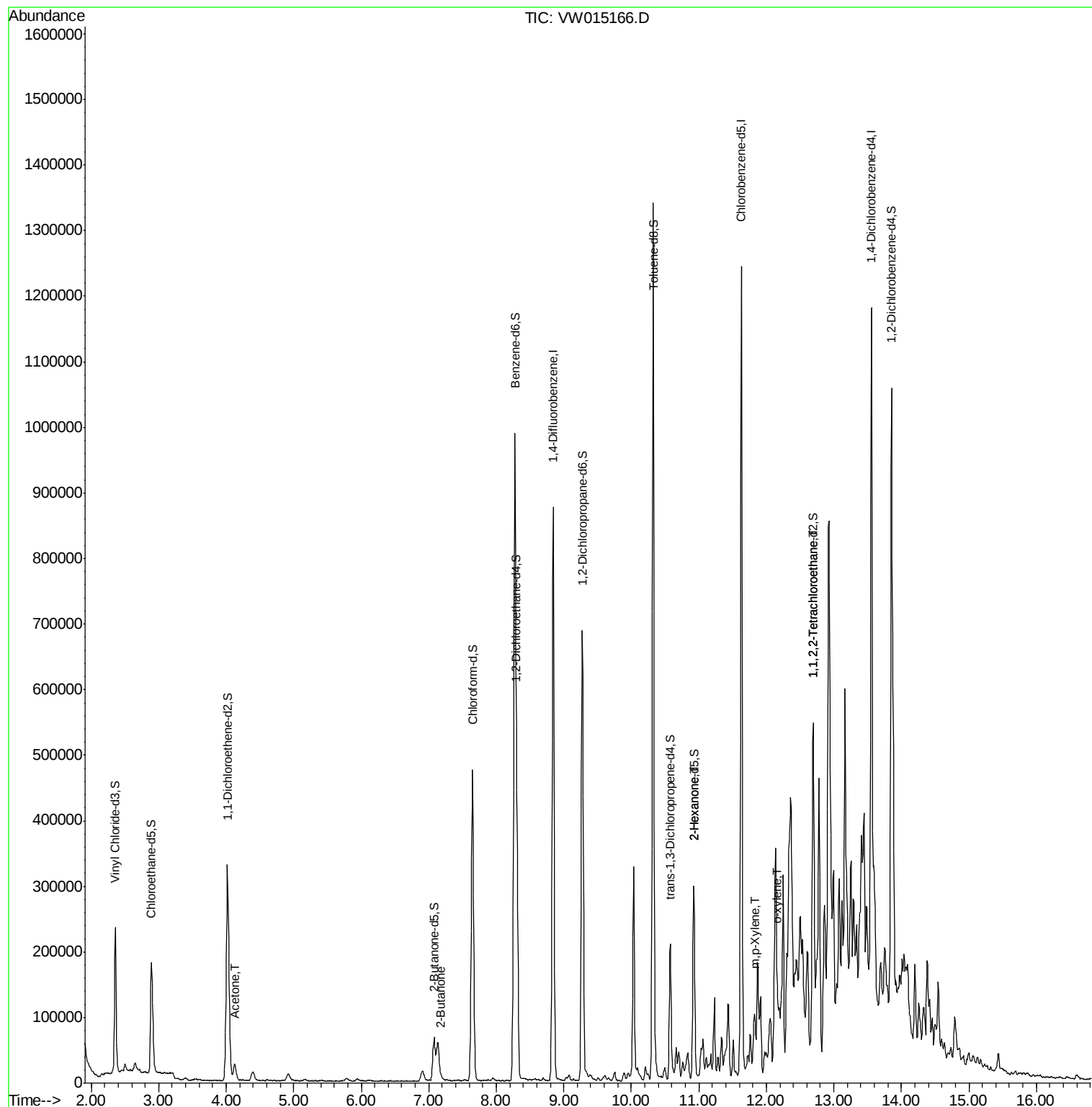
					Ovalue
13) Acetone	4.12	43	43514	19.872 ug/L	96
21) 2-Butanone	7.18	43	8471	2.731 ug/L	77
49) 2-Hexanone	10.93	43	32143	7.100 ug/L #	41
54) m,p-Xylene	11.83	106	13597	0.835 ug/L	92
55) o-xylene	12.16	106	9019	0.591 ug/L	86
58) 1,1,2,2-Tetrachloroethane	12.69	83	7739	0.877 ug/L #	45

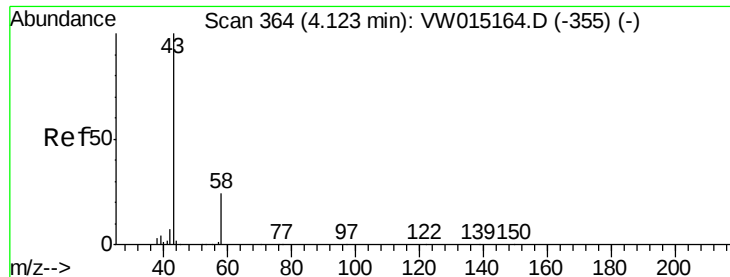
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040820\
Data File : VW015166.D
Acq On : 08 Apr 2020 13:08
Operator : SY/VA
Sample : L2176-06
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2J2

Quant Time: Apr 09 01:20:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 09 01:17:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 19.872 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015166.D

Acq: 08 Apr 2020 13:08

Instrument :

MSVOA_W

ClientSampleId :

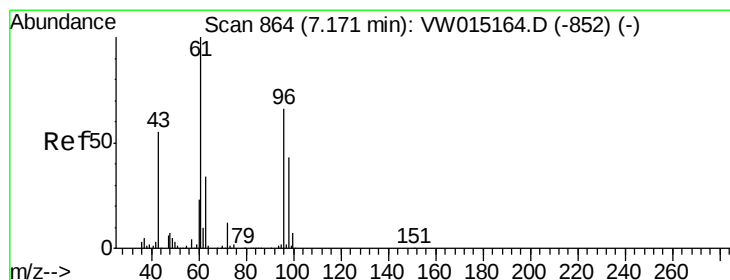
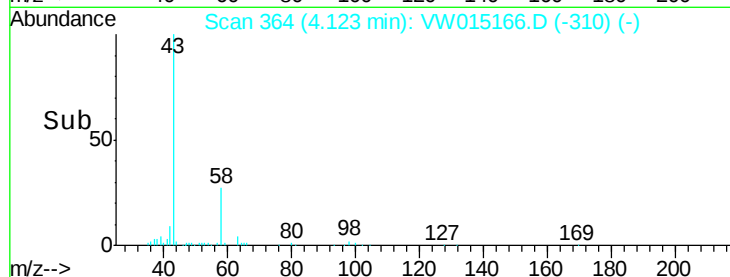
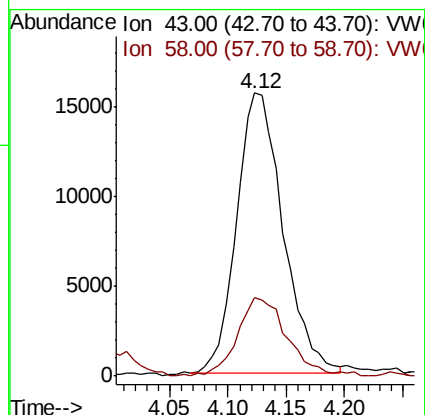
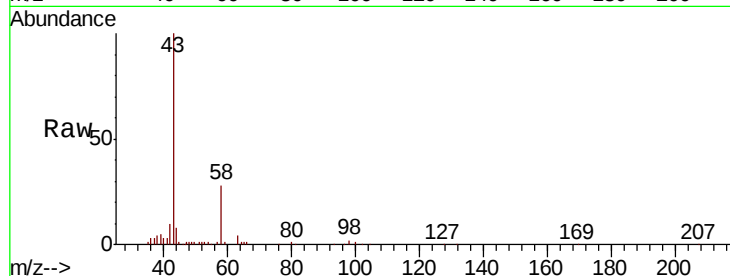
BG2J2

Tot Ion: 43 Resp: 43514

Ion Ratio Lower Upper

43 100

58 29.4 0.0 54.4



#21

2-Butanone

Concen: 2.731 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015166.D

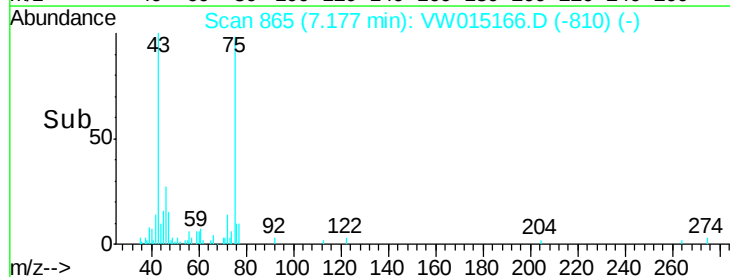
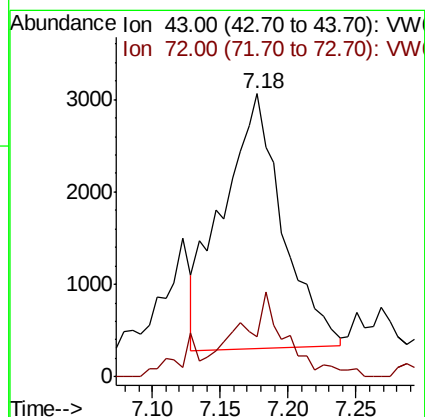
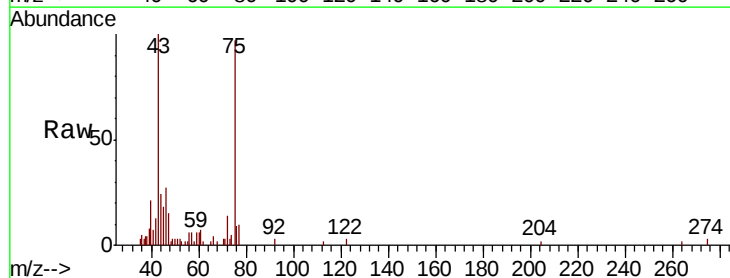
Acq: 08 Apr 2020 13:08

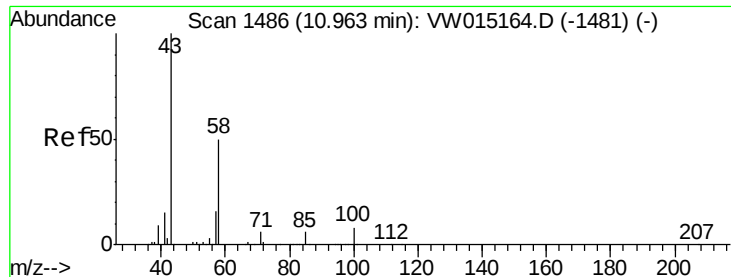
Tgt Ion: 43 Resp: 8471

Ion Ratio Lower Upper

43 100

72 12.3 11.7 35.0





#49

2-Hexanone

Concen: 7.100 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.03 min

Lab File: VW015166.D

Acq: 08 Apr 2020 13:08

Instrument :

MSVOA_W

ClientSampled :

BG2J2

Tot Ion: 43 Resp: 32143

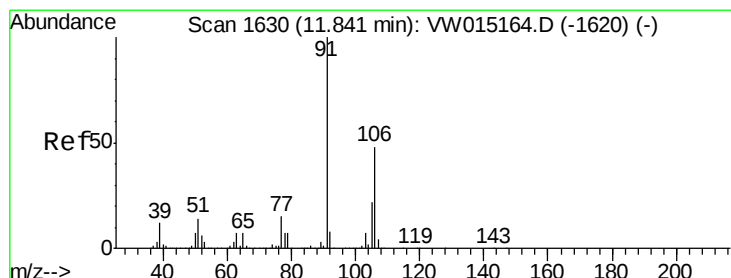
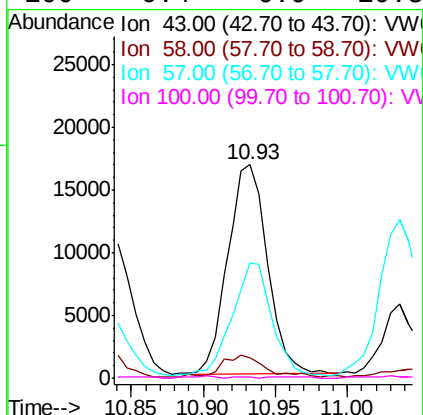
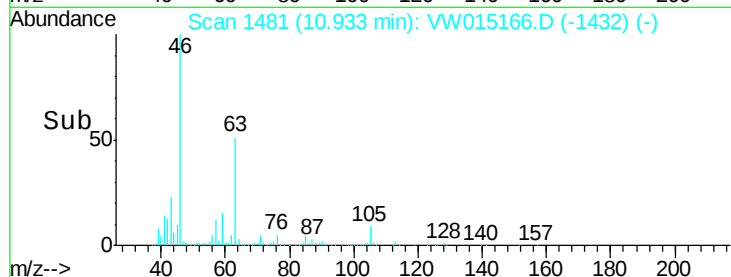
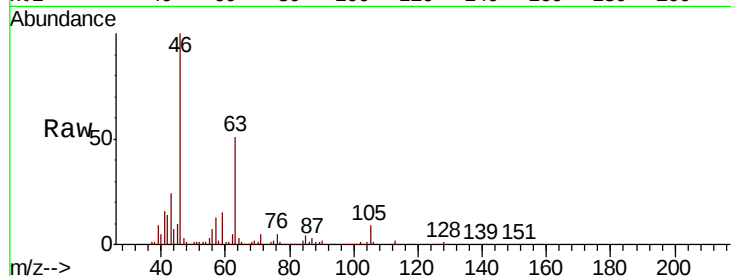
Ion Ratio Lower Upper

43 100

58 10.5 38.5 57.7#

57 53.4 12.9 19.3#

100 0.4 6.9 10.3#



#54

m,p-Xylene

Concen: 0.835 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015166.D

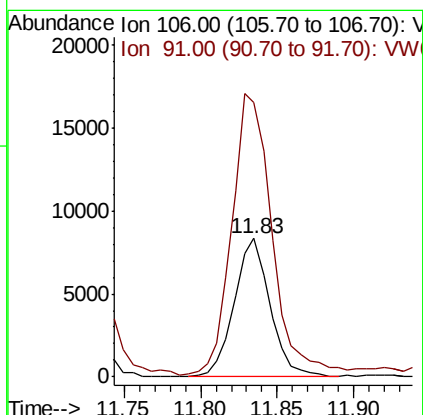
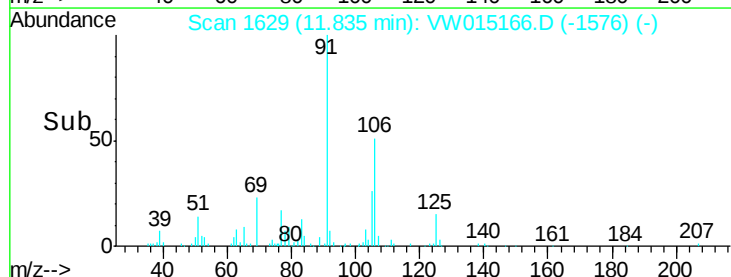
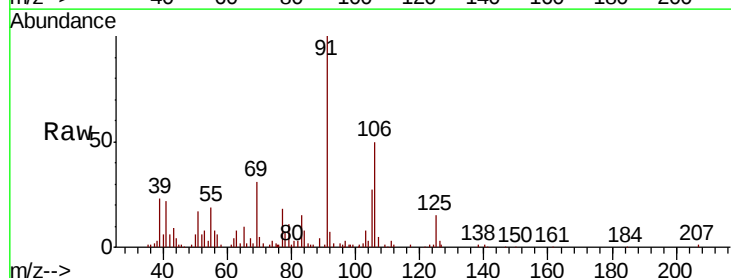
Acq: 08 Apr 2020 13:08

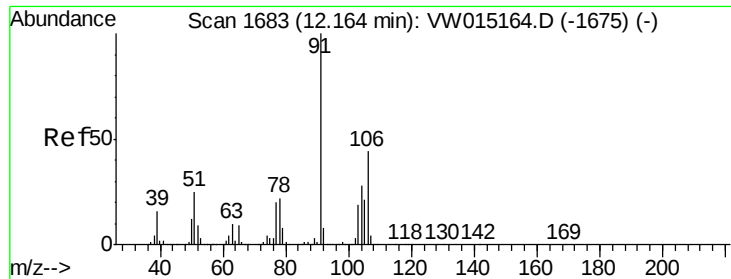
Tgt Ion: 106 Resp: 13597

Ion Ratio Lower Upper

106 100

91 198.5 147.3 273.6





#55

o-xylene

Concen: 0.591 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW015166.D

Acq: 08 Apr 2020 13:08

Instrument :

MSVOA_W

ClientSampled :

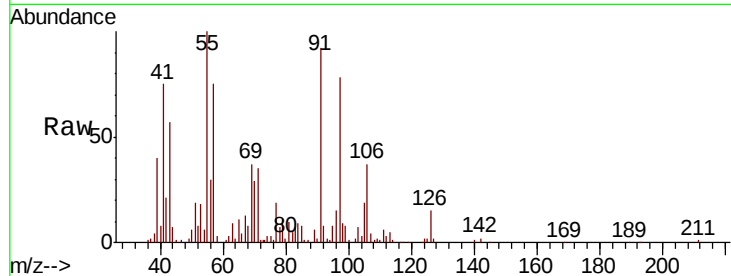
BG2J2

Tot Ion:106 Resp: 9019

Ion Ratio Lower Upper

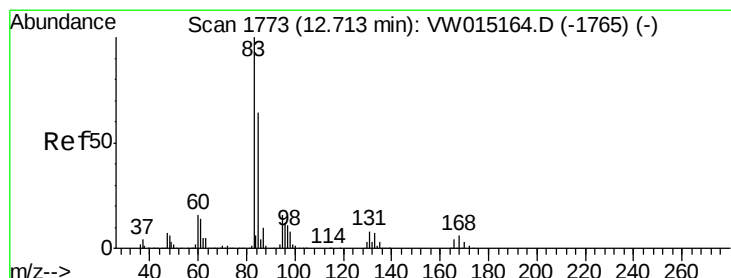
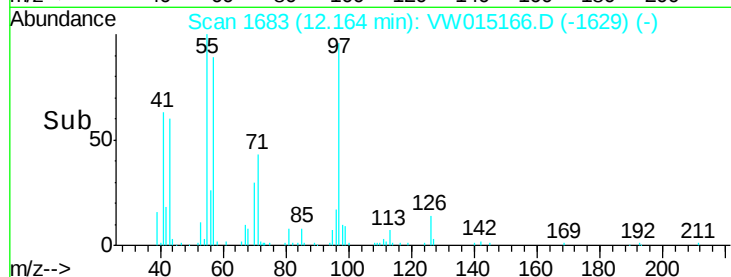
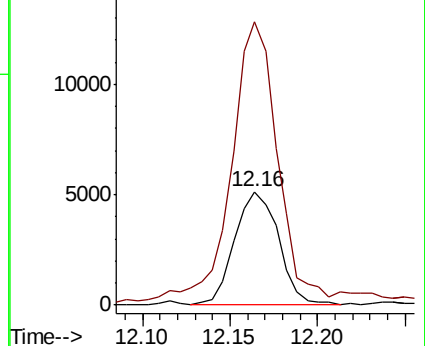
106 100

91 248.8 158.6 294.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#58

1,1,2,2-Tetrachloroethane

Concen: 0.877 ug/L

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW015166.D

Acq: 08 Apr 2020 13:08

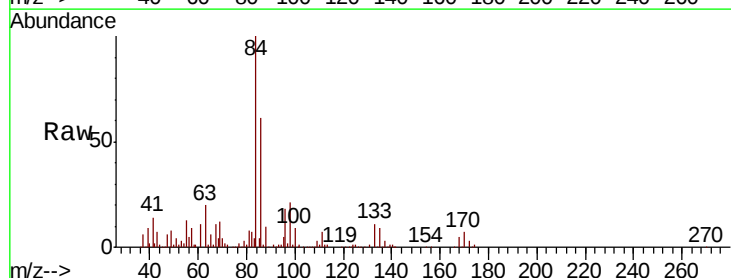
Tgt Ion: 83 Resp: 7739

Ion Ratio Lower Upper

83 100

85 102.9 44.1 81.9#

131 37.1 5.9 8.9#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

