

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092820\
 Data File : VX018640.D
 Acq On : 29 Sep 2020 01:22
 Operator : JC/SP
 Sample : L4135-20
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG498

Quant Time: Sep 29 06:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	308508	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	295070	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	137450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74349	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.70	69	63930	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.34	63	129229	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.55	46	223784	54.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.72%
24) Chloroform-d	5.14	84	174100	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	97822	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	6.05	84	338976	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	7.37	67	104998	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	311455	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	8.99	79	42596	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	9.43	63	179398	54.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.54%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	77653	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	116107	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

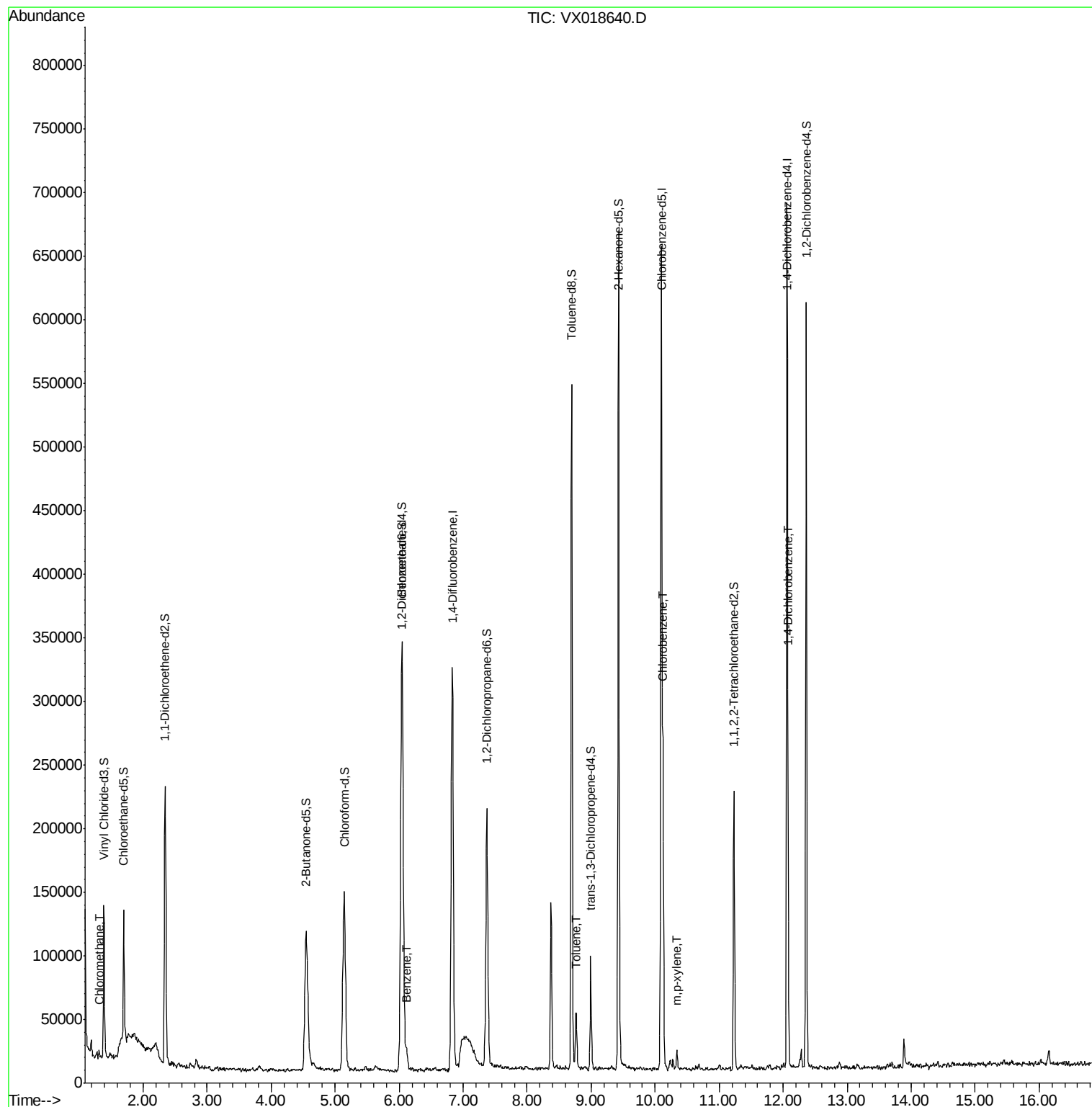
					Ovalue
3) Chloromethane	1.31	50	2842	0.178 ug/L	97
33) Benzene	6.12	78	17157	0.302 ug/L	100
42) Toluene	8.76	91	27218	0.443 ug/L	95
53) Chlorobenzene	10.12	112	106269	2.618 ug/L	96
55) m,p-xylene	10.35	106	3130	0.122 ug/L	73
64) 1,4-Dichlorobenzene	12.08	146	13289	0.440 ug/L	94

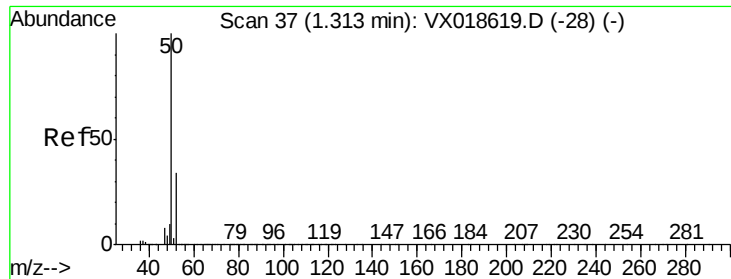
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampleId :

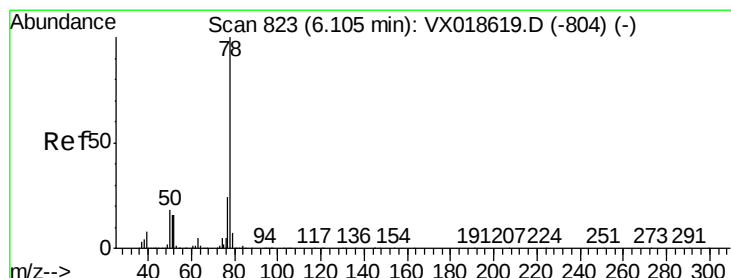
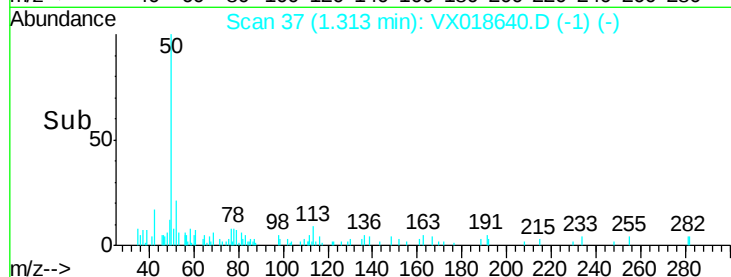
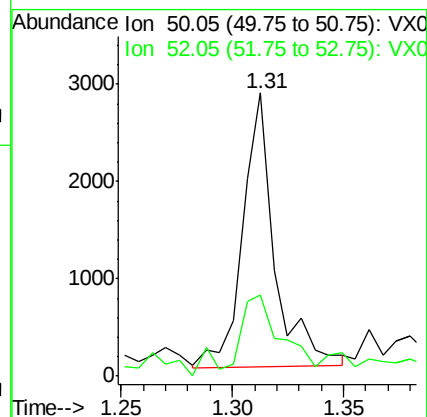
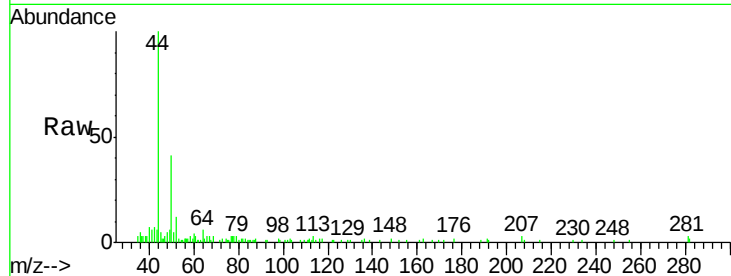
BG498

Tot Ion: 50 Resp: 2842

Ion Ratio Lower Upper

50 100

52 28.8 21.2 39.4



#33

Benzene

Concen: 0.302 ug/L

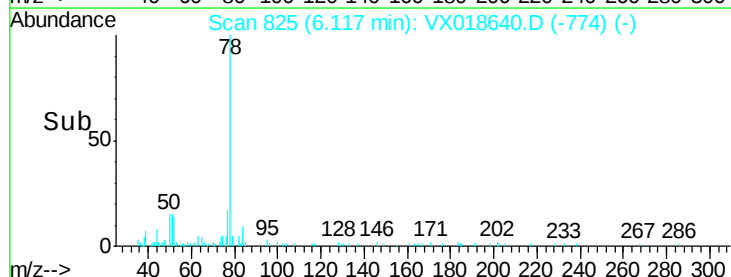
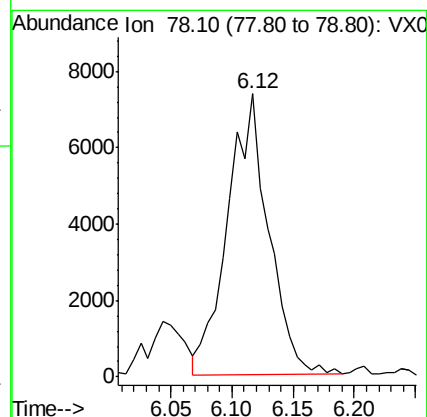
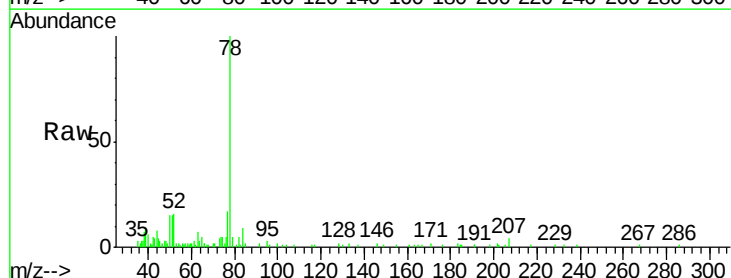
RT: 6.12 min Scan# 825

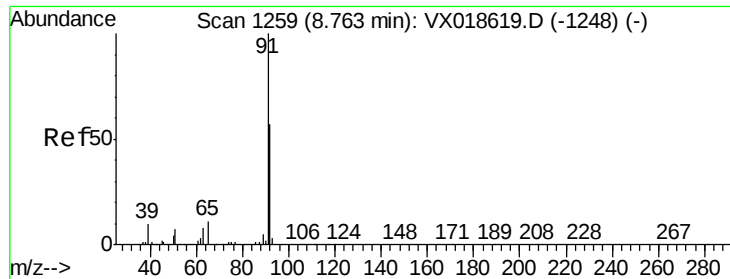
Delta R.T. 0.01 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Tgt Ion: 78 Resp: 17157





#42

Toluene

Concen: 0.443 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampleId :

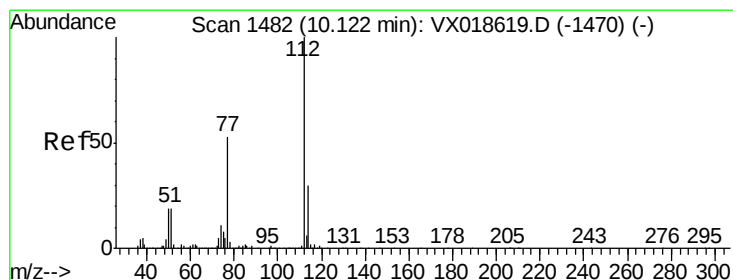
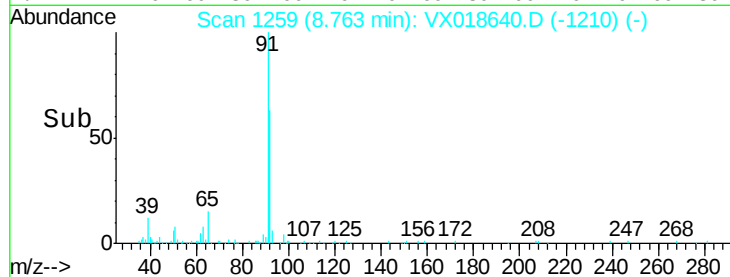
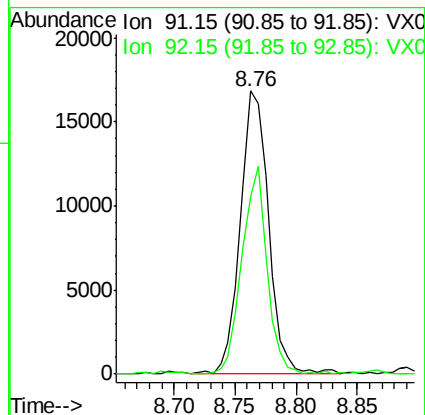
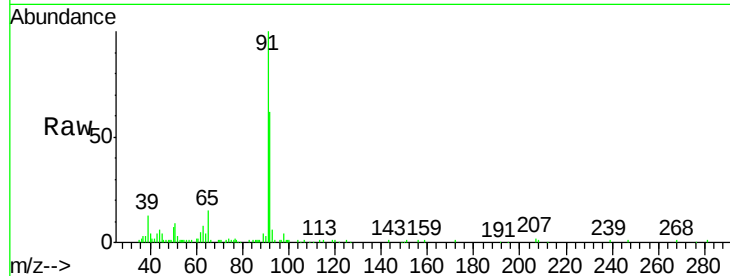
BG498

Tot Ion: 91 Resp: 27218

Ion Ratio Lower Upper

91 100

92 62.4 41.1 76.3



#53

Chlorobenzene

Concen: 2.618 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

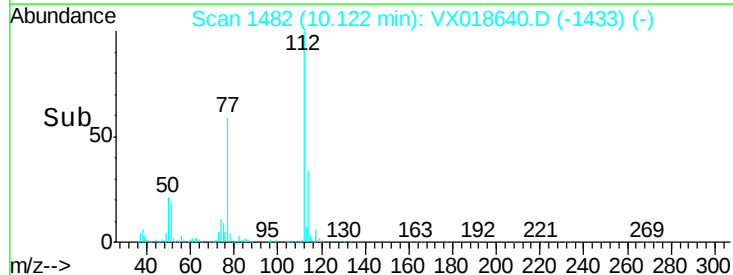
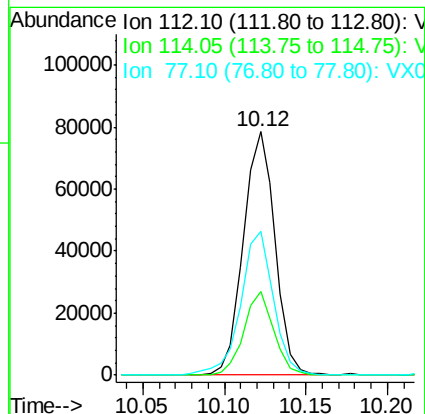
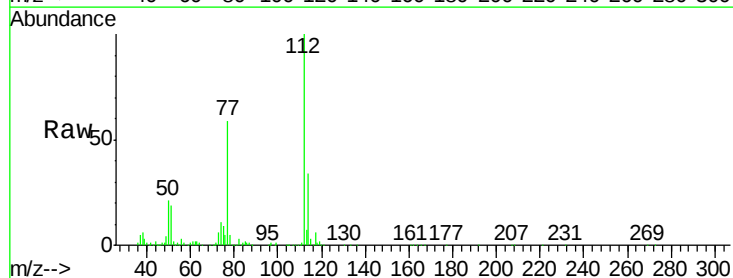
Tgt Ion: 112 Resp: 106269

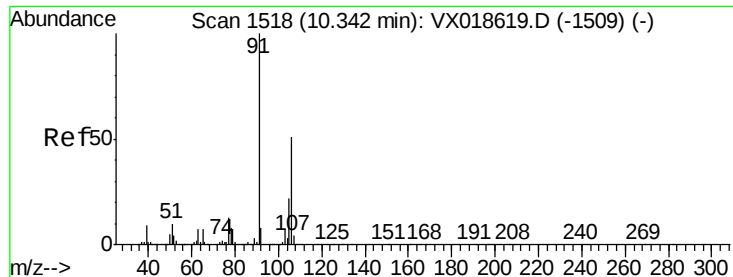
Ion Ratio Lower Upper

112 100

114 34.2 20.6 38.4

77 59.1 46.6 69.8





#55

m,p-xylene

Concen: 0.122 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampled :

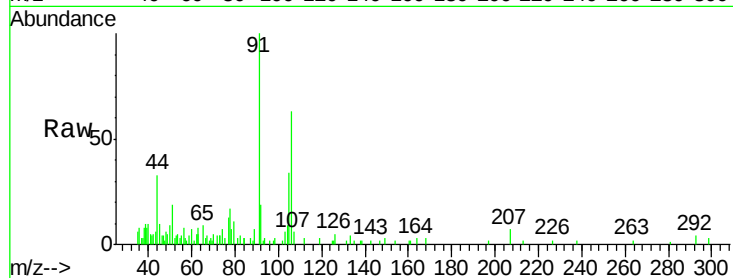
BG498

Tot Ion:106 Resp: 3130

Ion Ratio Lower Upper

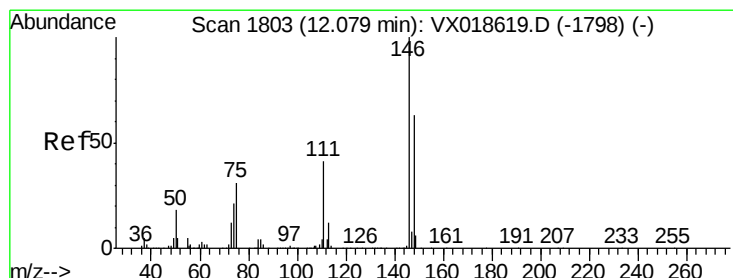
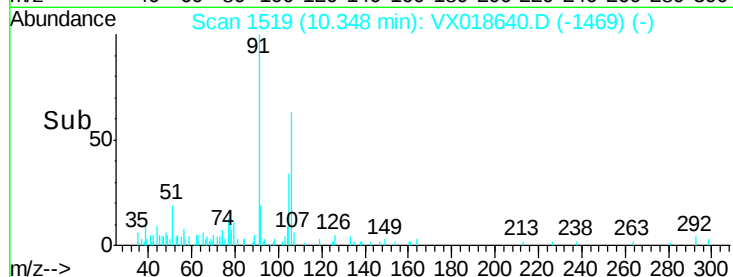
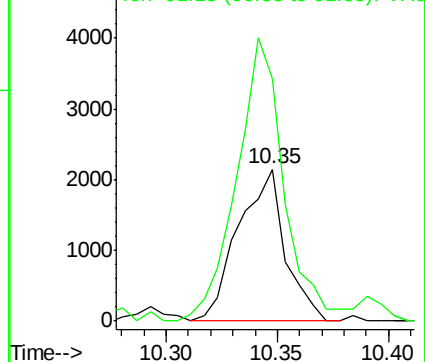
106 100

91 159.8 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#64

1,4-Dichlorobenzene

Concen: 0.440 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

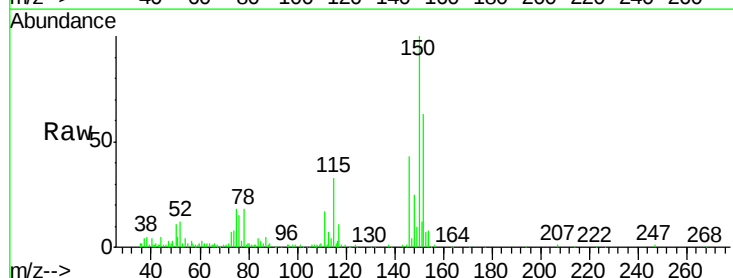
Tgt Ion:146 Resp: 13289

Ion Ratio Lower Upper

146 100

111 39.1 28.8 53.4

148 58.5 44.9 83.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

