

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018646.D
 Acq On : 29 Sep 2020 10:35
 Operator : JC/SP
 Sample : L4135-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q7

Quant Time: Oct 05 02:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	316402	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	295442	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	146946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67223	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.70	69	58815	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.34	63	119331	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.55	46	205641	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	5.14	84	172301	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	6.03	65	94897	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	6.05	84	317986	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	7.37	67	100725	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.70	98	295561	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	8.99	79	39449	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	9.43	63	167318	50.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.10%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	74811	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	118352	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

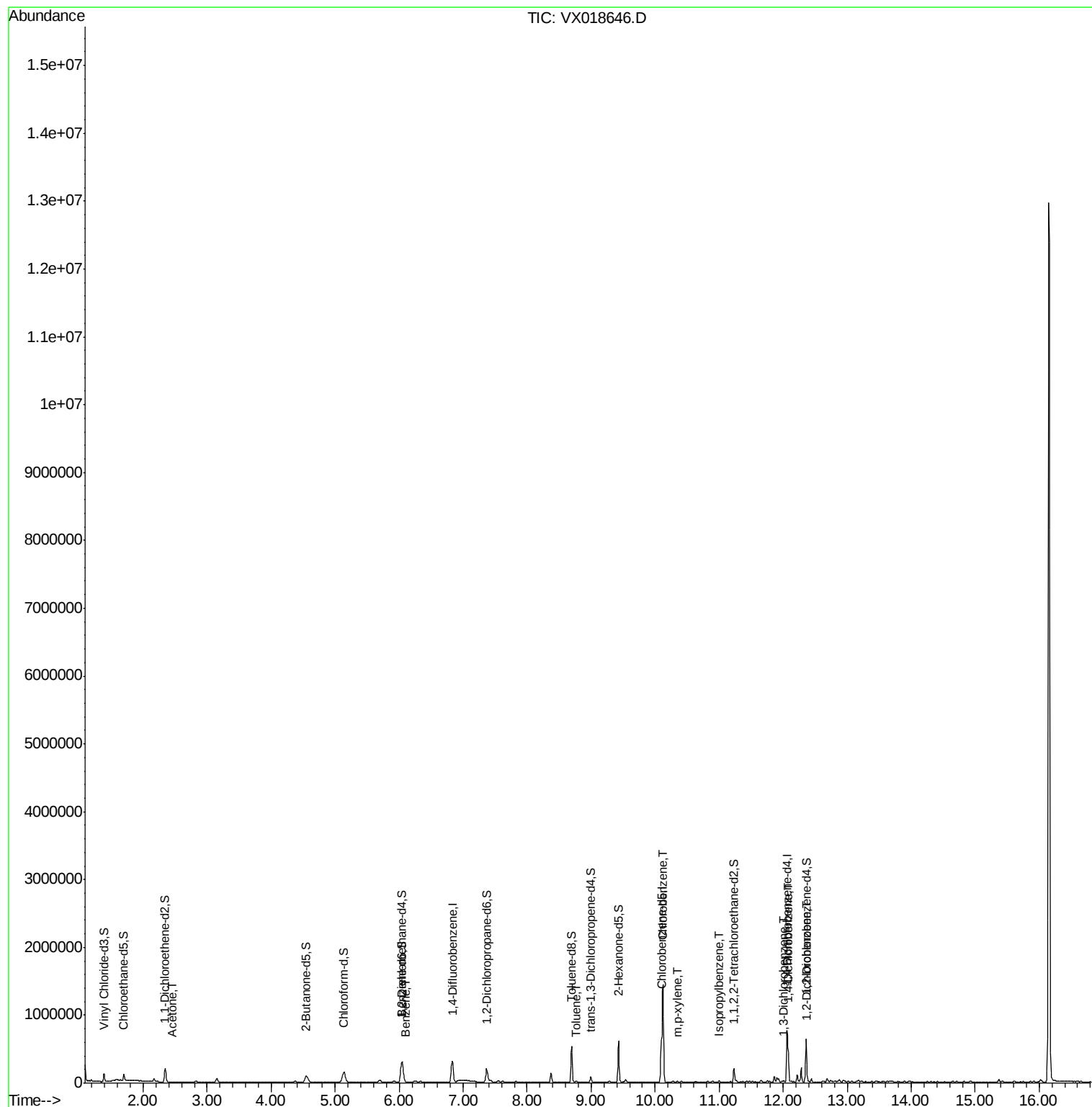
					Ovalue
13) Acetone	2.45	43	6408	2.742 ug/L	78
33) Benzene	6.10	78	5150	0.090 ug/L	100
42) Toluene	8.76	91	9528	0.155 ug/L	97
53) Chlorobenzene	10.12	112	620661	15.270 ug/L	98
55) m,p-xylene	10.34	106	2131	0.083 ug/L	87
58) Isopropylbenzene	11.00	105	11206	0.173 ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	6855	0.215 ug/L	93
64) 1,4-Dichlorobenzene	12.08	146	113038	3.503 ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	17170	0.577 ug/L	91

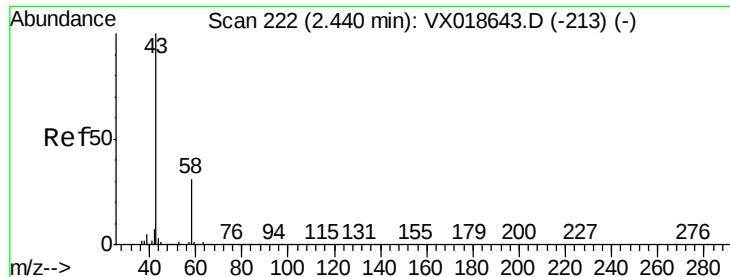
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.742 ug/L

RT: 2.45 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

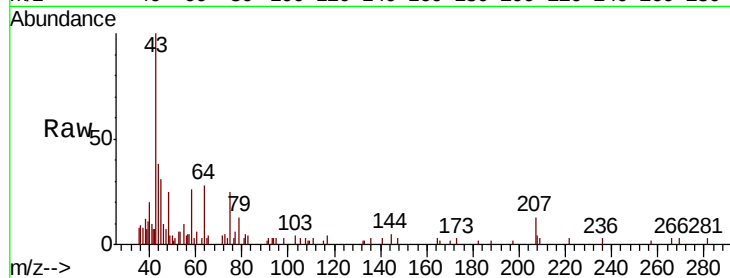
BG0Q7

Tot Ion: 43 Resp: 6408

Ion Ratio Lower Upper

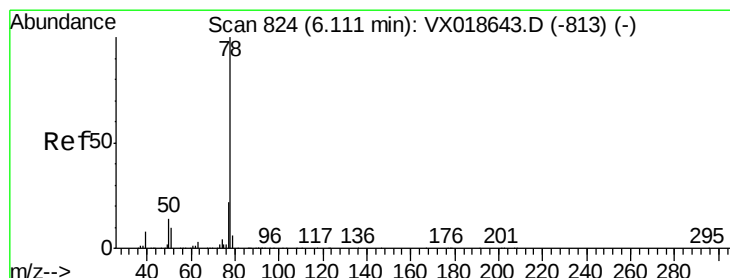
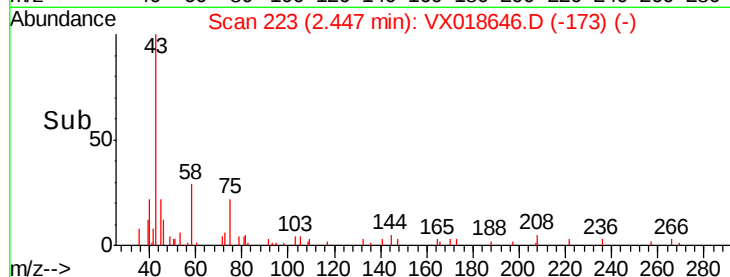
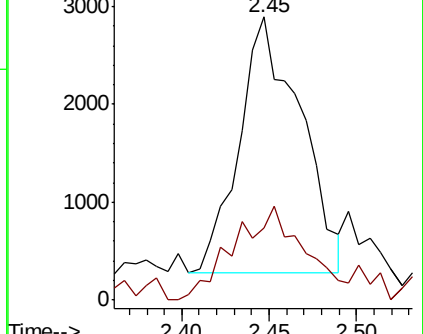
43 100

58 42.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#33

Benzene

Concen: 0.090 ug/L

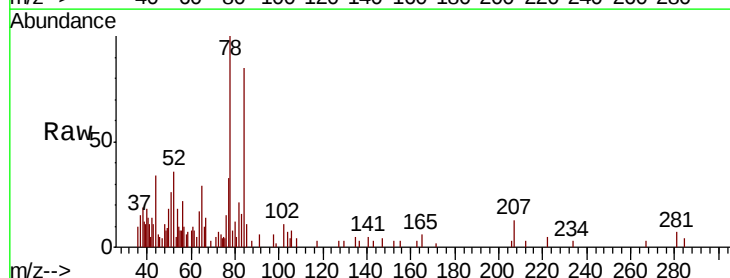
RT: 6.10 min Scan# 823

Delta R.T. -0.01 min

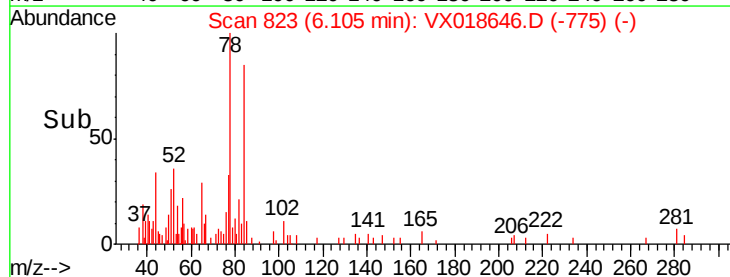
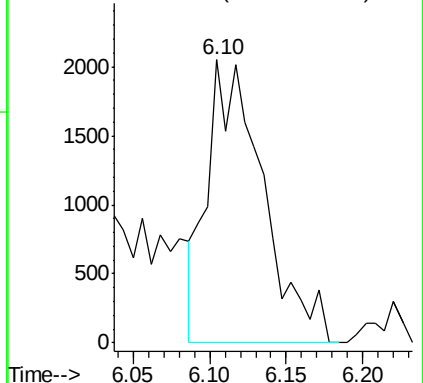
Lab File: VX018646.D

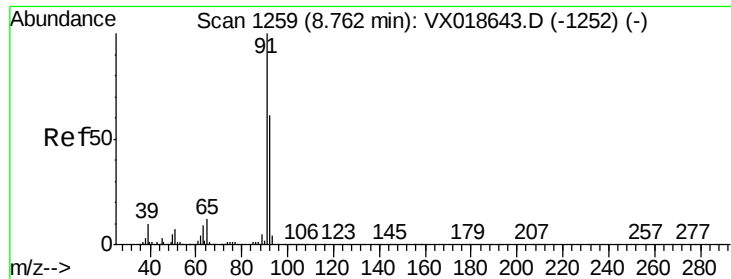
Acq: 29 Sep 2020 10:35

Tgt Ion: 78 Resp: 5150



Abundance Ion 78.10 (77.80 to 78.80): VX0





#42

Toluene

Concen: 0.155 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

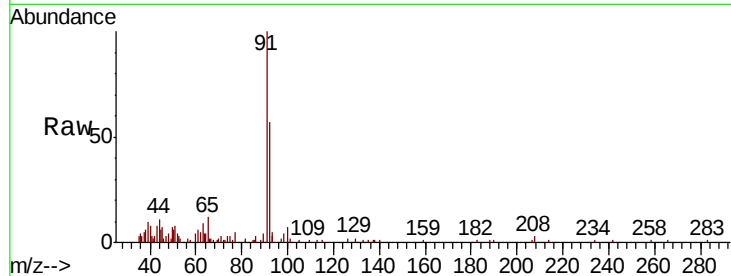
BG0Q7

Tot Ion: 91 Resp: 9528

Ion Ratio Lower Upper

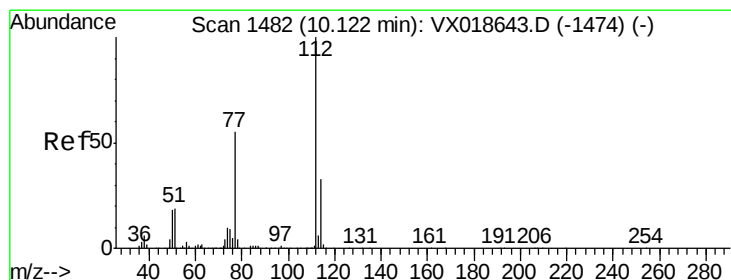
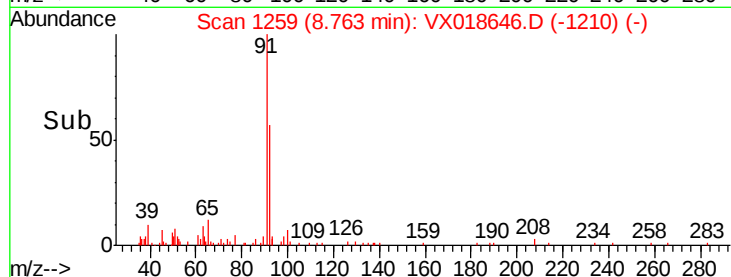
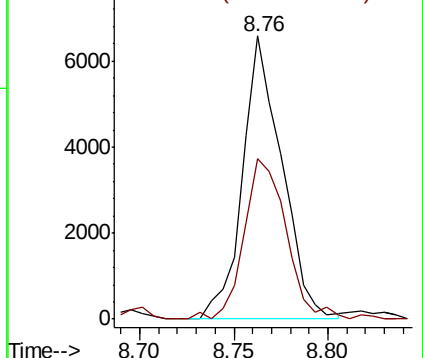
91 100

92 56.6 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#53

Chlorobenzene

Concen: 15.270 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

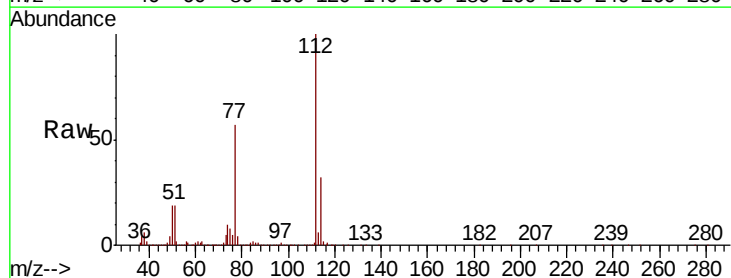
Tgt Ion: 112 Resp: 620661

Ion Ratio Lower Upper

112 100

114 32.0 20.6 38.4

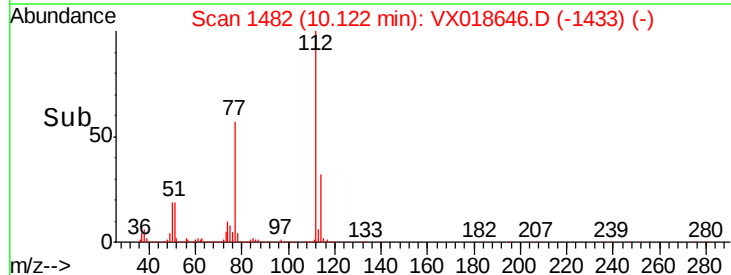
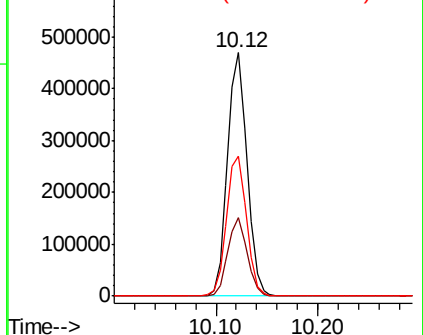
77 57.2 46.6 69.8

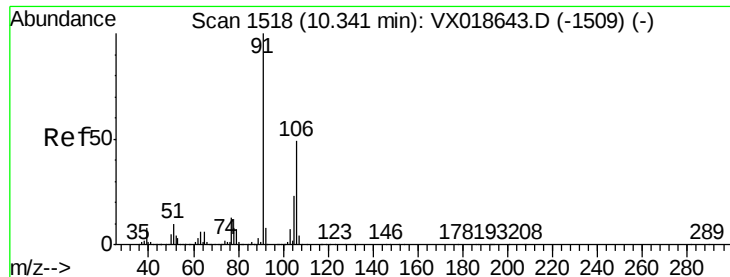


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#55

m,p-xylene

Concen: 0.083 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

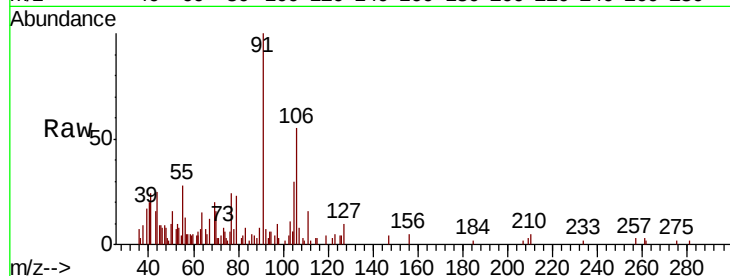
BG0Q7

Tot Ion:106 Resp: 2131

Ion Ratio Lower Upper

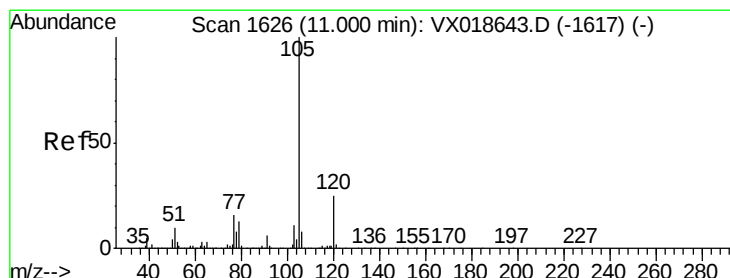
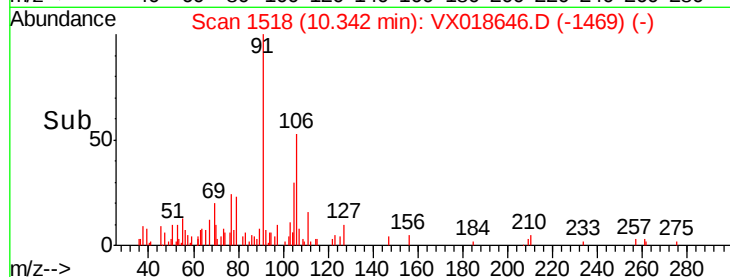
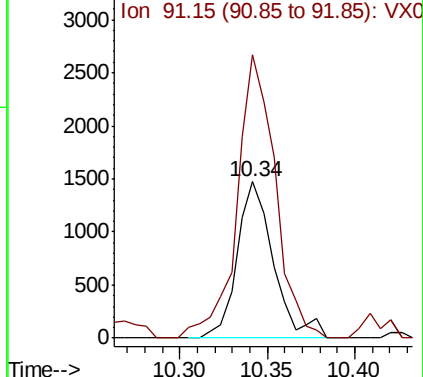
106 100

91 180.8 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#58

Isopropylbenzene

Concen: 0.173 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

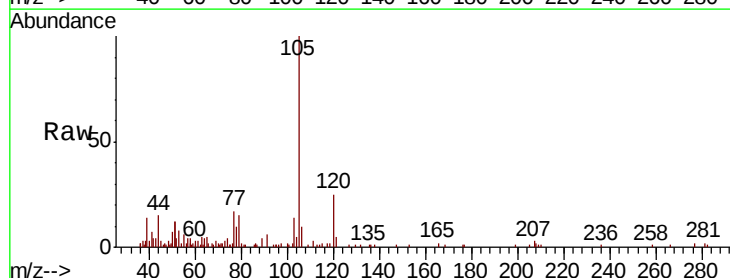
Tgt Ion:105 Resp: 11206

Ion Ratio Lower Upper

105 100

120 26.0 21.2 31.8

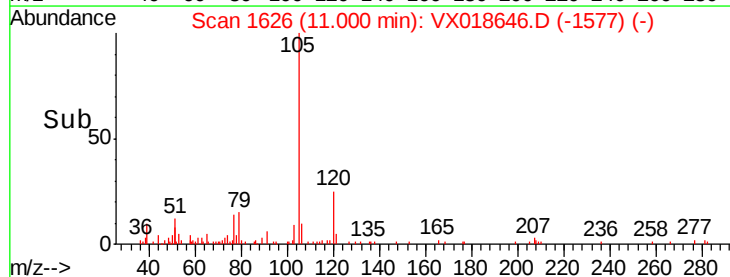
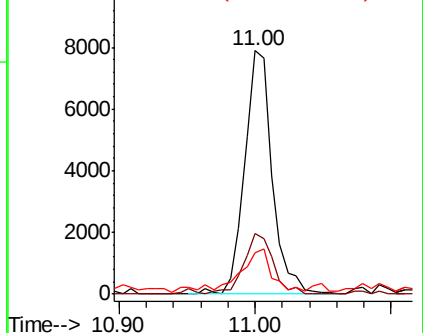
77 18.7 13.3 19.9

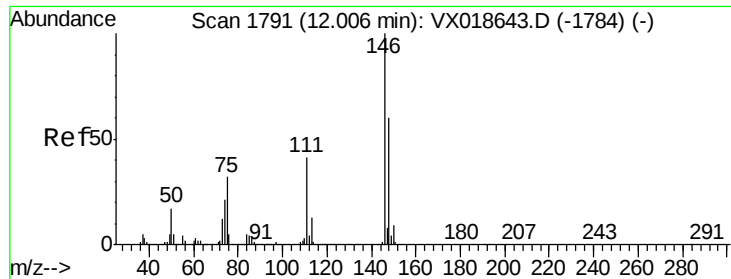


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#63

1,3-Dichlorobenzene

Concen: 0.215 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

BG0Q7

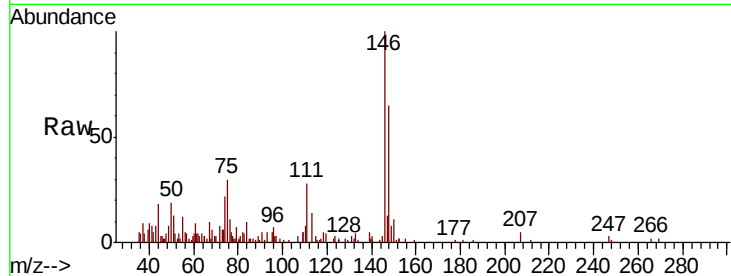
Tot Ion:146 Resp: 6855

Ion Ratio Lower Upper

146 100

111 27.7 26.7 49.7

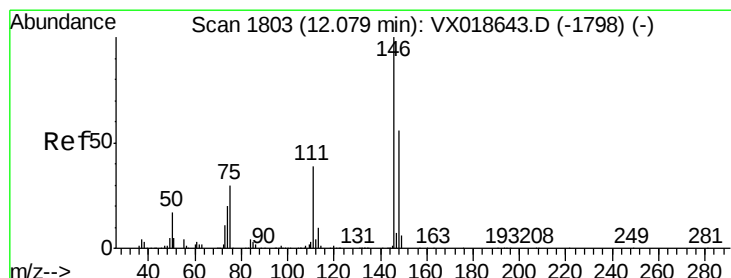
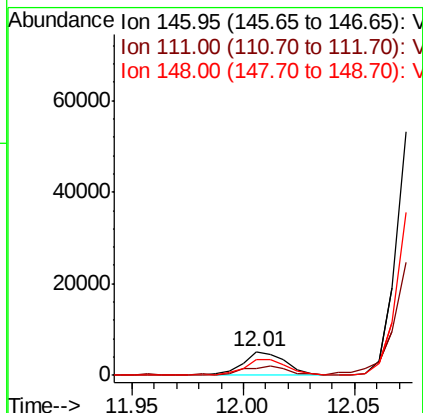
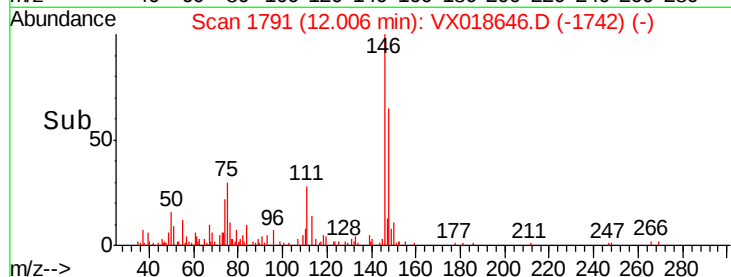
148 64.7 44.4 82.5



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



#64

1,4-Dichlorobenzene

Concen: 3.503 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018646.D

Acq: 29 Sep 2020 10:35

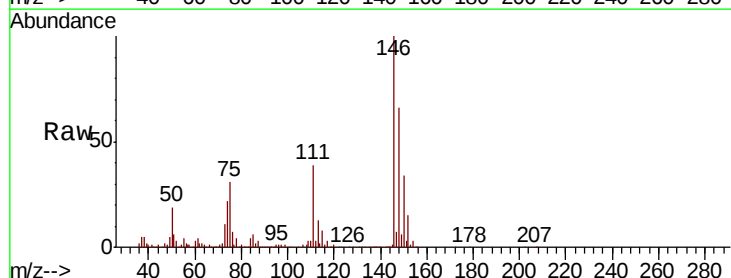
Tgt Ion:146 Resp: 113038

Ion Ratio Lower Upper

146 100

111 39.0 28.8 53.4

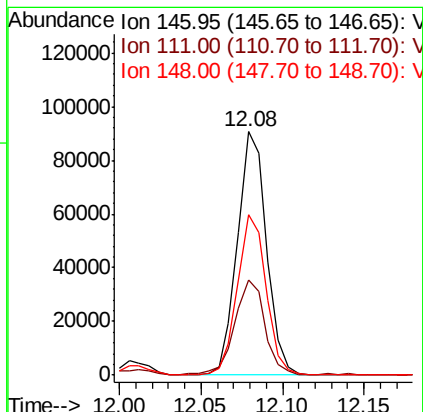
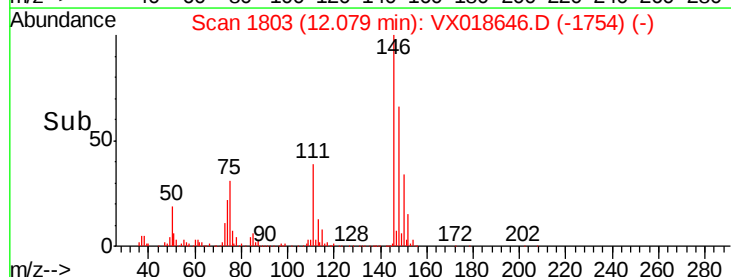
148 65.9 44.9 83.3

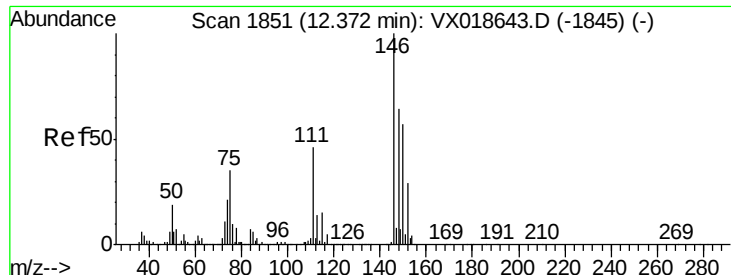


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66
 1,2-Dichlorobenzene
 Concen: 0.577 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018646.D
 Acq: 29 Sep 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q7

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	33.6	50.4
148	58.2	53.4	80.2

